



Global Service Providers Guide 2025.

Fifteenth edition

The guide to global chemicals
management and control services



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Foreword

Welcome to the 15th edition of the Enhesa Product Intelligence 2025 Global Service Providers Guide.

Since 2007, Chemical Watch News & Insight has been reporting on the global chemicals regulatory landscape, helping product safety and regulatory professionals stay informed about developments and understand their business implications.

The annual Global Service Providers Guide highlights both regulatory and non-regulatory factors that impact the work of our global community of chemicals management, product safety, and regulatory professionals.

By analysing responses from our annual survey, we aim to shed light on emerging trends that are essential for businesses navigating the global chemicals regulatory environment.

The commentary and analysis on regulatory market drivers, career trends and salaries, as well as the industry outlook, starts on page 9.

In this year's guide we also have three special reports: key regulatory changes and future trends for GHS and safety data sheets across the globe, what apparel and footwear companies should look out for now that the EU's Ecodesign for Sustainable Products Regulation will establish new requirements for virtually all physical products, and an interview with Chemical Watch News & Insight in which ECHA executive director Sharon McGuinness discusses how new staff, fresh targets and a refocusing of priorities are being deployed to address the agency's growing responsibilities.

As shown in the guide, this year's survey results highlight the robustness of the service providers' marketplace, which supports product safety and regulatory activities across key industry sectors.

The Global Service Providers Guide remains a testament to the diversity and strength of this shared marketplace. With some 50 company profiles in this year's publication we hope that it helps your business select and connect with the right provider for your needs.

As always, if you have any questions, comments or feedback, please do not hesitate to get in touch.

Sarah Thompson

Publishing manager
sarah.thompson@enhesa.com



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Enhesa Product Intelligence – formerly Chemical Watch – empowers product safety and compliance professionals to achieve market access and reduce the risks of non-compliance by giving you a view of the regulatory and business environment, today and tomorrow. We do this through a powerful suite of intelligence, including regulatory data, news, analysis, events & training, expert support and more. Because we are not tied to any trade associations, government or campaign group, we are able to offer objective news and analysis for all sectors.

CW Research Ltd, Kingsland House, 39 Abbey Foregate, Shrewsbury, SY2 6BL, UK

Tel: +44 (0)1743 818 101

email: product.support@enhesa.com
website: enhesa.com/product-intelligence

Business unit manager – Enhesa Product Intelligence
Stuart Foxon
stuart.foxon@enhesa.com

SVP commercial – Enhesa Product Intelligence & Sustainable Chemistry
Richard Butterworth
richard.butterworth@enhesa.com

Head of editorial

Kate Lowe
kate.lowe@enhesa.com

Global head of sales

Louise Osborne
louise.osborne@enhesa.com

GTM lead for Product Intelligence

Ryan McErlean
ryan.mcerlean@enhesa.com

Publishing manager

Sarah Thompson
sarah.thompson@enhesa.com

Data and process innovation manager

Francesca Cotton
francesca.cotton@enhesa.com

Writers

Elaine Burridge, Stacey Bowers, Fourat Muziel, Luke Buxton and Kate Lowe

Sub editor

Paul Lindsay

Design

Katie Benge
katie.benge@enhesa.com

Sales

Marc Gonzalez
marc.gonzalez@enhesa.com

Distribution policy

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SETH GOLDBERG
Seth.Goldberg@gtlaw.com
202.331.3102



KAITLYN R. MAXWELL
maxwellk@gtlaw.com
215.988.7814



DR. MARTIN HAMER
Martin.Hamer@gtlaw.com
+49 30.700.171.195

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1717 ARCH STREET | SUITE 400 | PHILADELPHIA, PA 19103 | 215.988.7800

DR. MARTIN HAMER | PARTNER/SHAREHOLDER

THE WESTLIGHT | BUDAPESTER STR. 35 | 10787 BERLIN, GERMANY | +49 30.700.171.100



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WORLDWIDE LOCATIONS

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the Middle East,
Asia,
Latin America

Key trends in chemicals management and control

The 15th Chemicals Management and Control Survey finds the soon-to-be-revised REACH regulation continuing to dominate the day-to-day work of chemicals compliance professionals, while participants tell us global job prospects for these specialists remain good

Between November 2024 and January this year, nearly 400 professionals from the global chemicals management community took part in the annual Chemicals Management and Control Survey, which aims to uncover the key regulatory and non-regulatory factors driving activity in the market. The survey also seeks to identify trends in service provision as well as any changes in employment.

Regulatory drivers

The publication of the survey comes at a time of heightened geopolitical and policy uncertainty. Despite this, the results show only modest changes in the sentiment of participants since last year's survey. This perhaps reflects both the global economy's resilience in 2024 despite specific challenges faced in particular regions (the OECD says the global economy expanded at an annualised pace of 3.2% last year) and the lengthy administrative processes for amending existing regulatory frameworks.

As contributor Elaine BurrIDGE writes on page 9, the REACH regulation – and its many components – continues to dominate the day-to-day work of participants, once again ranking first on the list of key drivers of chemicals management activities. Some 84% of participants identified any aspect of REACH as the leading regulatory driver of activity within their workplace.

By the end of 2025, participants will be hoping that the much-delayed REACH revision – now part of the European Commission's new Clean Industrial Package, under which it plans to adopt a proposal to 'simplify' the regulation – will be published.

Meanwhile, the EU's regulation for the classification, labelling and packaging (CLP) of substances and mixtures continues to be cited as a leading driver of regulatory activity by the second highest number of respondents (59%).

Outside of Europe, "any aspect of US regulation" was once again cited by 58% of respondents as a leading driver of regulatory activity, with California's Proposition 65 and TSCA new substance

notifications flagged as key drivers of activity by 35% and 33% of respondents, respectively.

Among non-regulatory drivers in this year's survey, customer and supply chain demands continue to be cited by the largest number of respondents (63%) as a key driver of activity, followed by consumer concerns (50%).

Chemicals management teams

So how do participants expect their organisations will continue to manage the ever-increasing workload from chemicals regulation? According to the survey, 49% expect their employer to increase their in-house team in the next 12 months, while 55% expect them to increase their in-house team over the next five years. Meanwhile, 38% expect their company's use of external services to grow over the next 12 months, while 55% expect it to grow over the next five years.

Looking more closely at specific areas of need, information services was cited by 72% of respondents as an area in which they would need more help to support chemicals management work over the next 12 months – and cited by 79% as an area in which they would need more help over the next five years.

A further 65% anticipate greater use of IT and software services over the next 12 months – and 77% anticipate greater use of IT and software services over the next five years.

Turning to employment within the chemicals management sector, 30% of respondents expect the number of chemicals management and control staff employed in their organisation to increase over the next 12 months – down slightly from 33% last year. Meanwhile, respondents see job prospects globally broadly consistent with last year, with 43% describing them as good.

Our detailed commentary on the findings of this year's survey starts on page 9.

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What are the key factors driving chemicals management and control activity in 2025?

The EU's REACH and CLP are once again key priorities for chemicals management activity, with packaging appearing for the first time as new regulations take effect. Freelance writer Elaine Burridge reports on the 15th Enhesa Chemicals Management and Control Survey

Europe's REACH regulation and its many components once again ranks first on the list of key drivers of chemicals management activities.

The only slight year-on-year change is that the number of compliance professionals citing REACH as dominating their workloads has risen by two percentage points to 84% in this year's survey. Respondents report that registration activities and SVHC obligations are their main priorities, and to a slightly lesser degree Annex XVII restrictions and the EU's Chemicals Strategy for Sustainability (CSS). The latter slipped this year by four percentage points to sixth place from fourth in 2024.

The long-awaited REACH revision – delayed by a newly elected European Commission that took office on 1 December last year – now looks to be finally taking shape. On 3 April, at the meeting of the Competent Authorities for REACH and CLP (CARACAL), the Commission presented its final version for updating the regulation, stating its aim is to “simplify the regulation for companies and authorities, modernise it and strengthen enforcement”.

More than half of survey respondents (59%) also flagged the EU's CLP regulation as an important driver, although this was down from 63% last year. The first deadlines for classifying substances according to EU CLP hazard classes adopted in 2023 will occur in 2025.

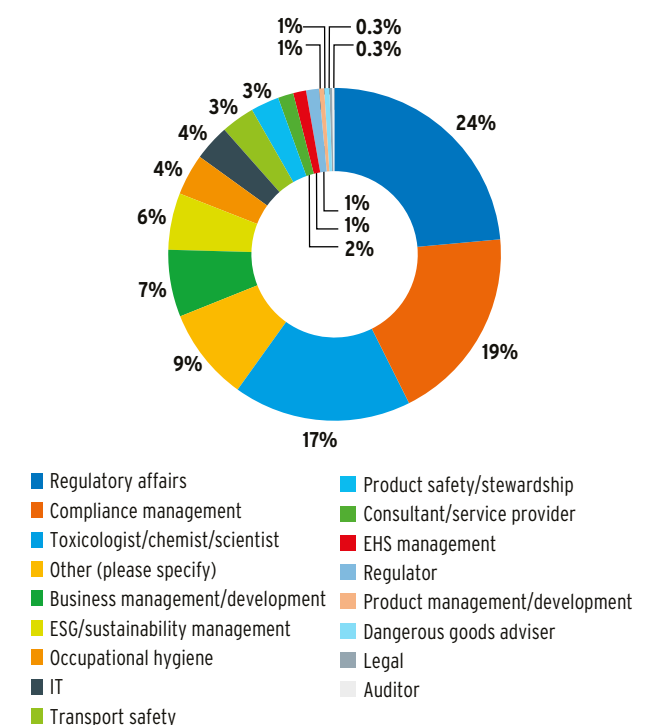
A new entrant in the survey results this year is packaging regulations, mentioned by 45% of poll participants. The Packaging and Packaging Waste Regulation (PPWR) entered into force on 11 February. The regulation aims to address the impact of packaging on human health and the environment and improve the sector's circularity, while detecting and potentially regulating substances of concern.

The Commission in early January asked ECHA to conduct a study to identify substances of concern in packaging that could be prioritised for restrictions following the REACH process. The deadline to submit the study is 21 September 2026, although the EU executive has requested an intermediate draft by 20 March 2026 to stay abreast of progress and discuss preliminary results.

The Trump effect

The US has once again retained its position as the second most important driver of work commitments, replicating last year's findings and still accounting for 58% of survey responses.

What is your primary job function?



With Donald Trump now back in office serving a second presidential term, a roll-back of Biden-era policies and initiatives is on the cards. During his first weeks in office, President Trump fired thousands of federal workers, including nearly 400 staff at the US EPA. And in February, he ordered all federal agencies to compile a list of 'unlawful' regulations for reconsideration, a move that could see recently completed TSCA rules come under new scrutiny.

However, any specific changes to TSCA could be slower to implement, given that the administrative process for overhauling just a single regulation can take months, if not years, especially if the EPA has fewer staff and a smaller budget. Consequently, much uncertainty surrounds TSCA for the months ahead.

Looking at the survey results, TSCA-related rules slip behind California's Proposition 65 (Prop 65), which is cited by most respondents (35%) as a key driver of work this year. Fewer respondents report TSCA new substance notifications as their primary focus of work – 33% this time instead of 36% in the previous survey – but more refer to TSCA risk evaluations, up by two percentage points to 30%.

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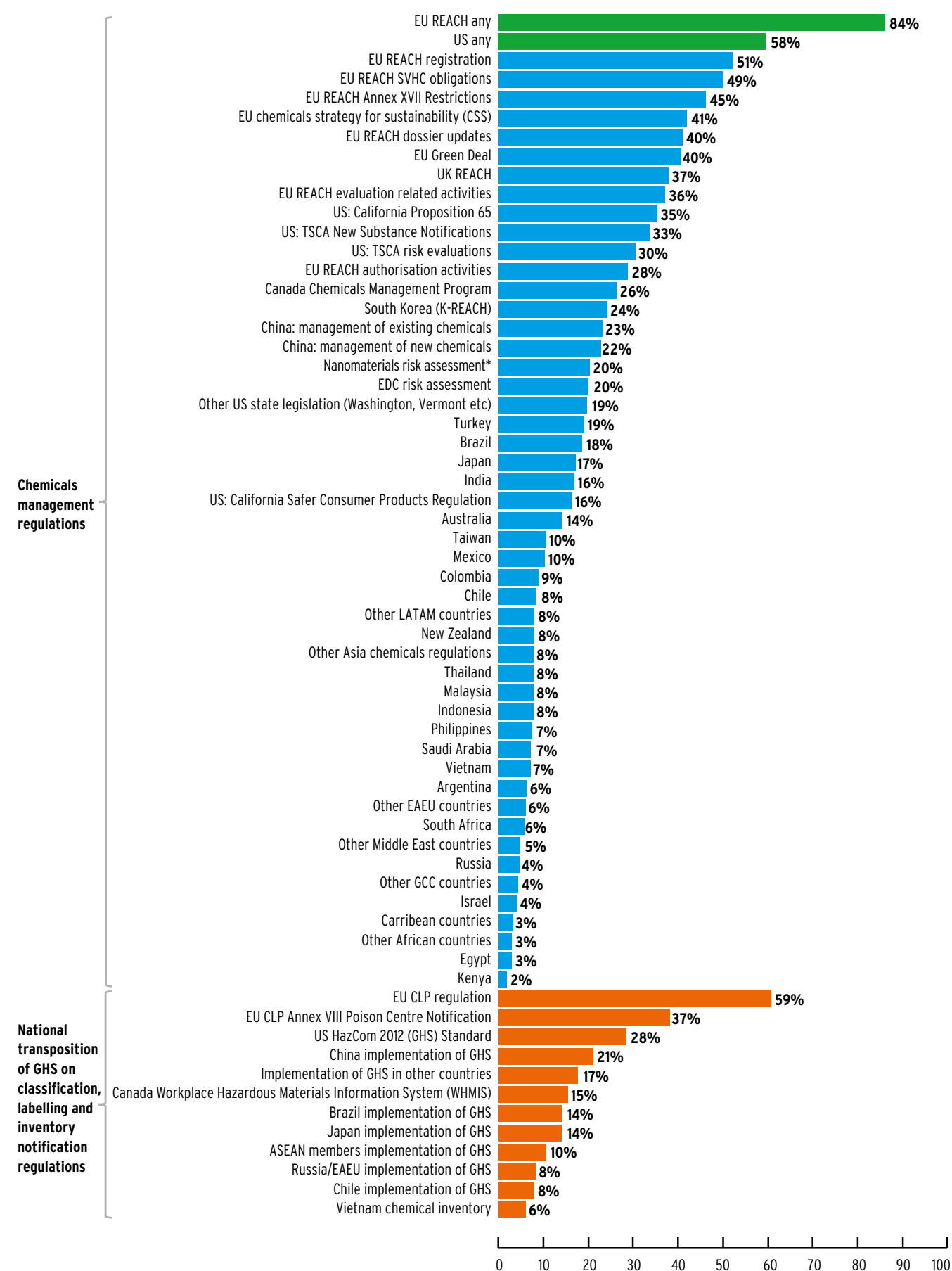
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Leading regulatory drivers for survey participants (section one)





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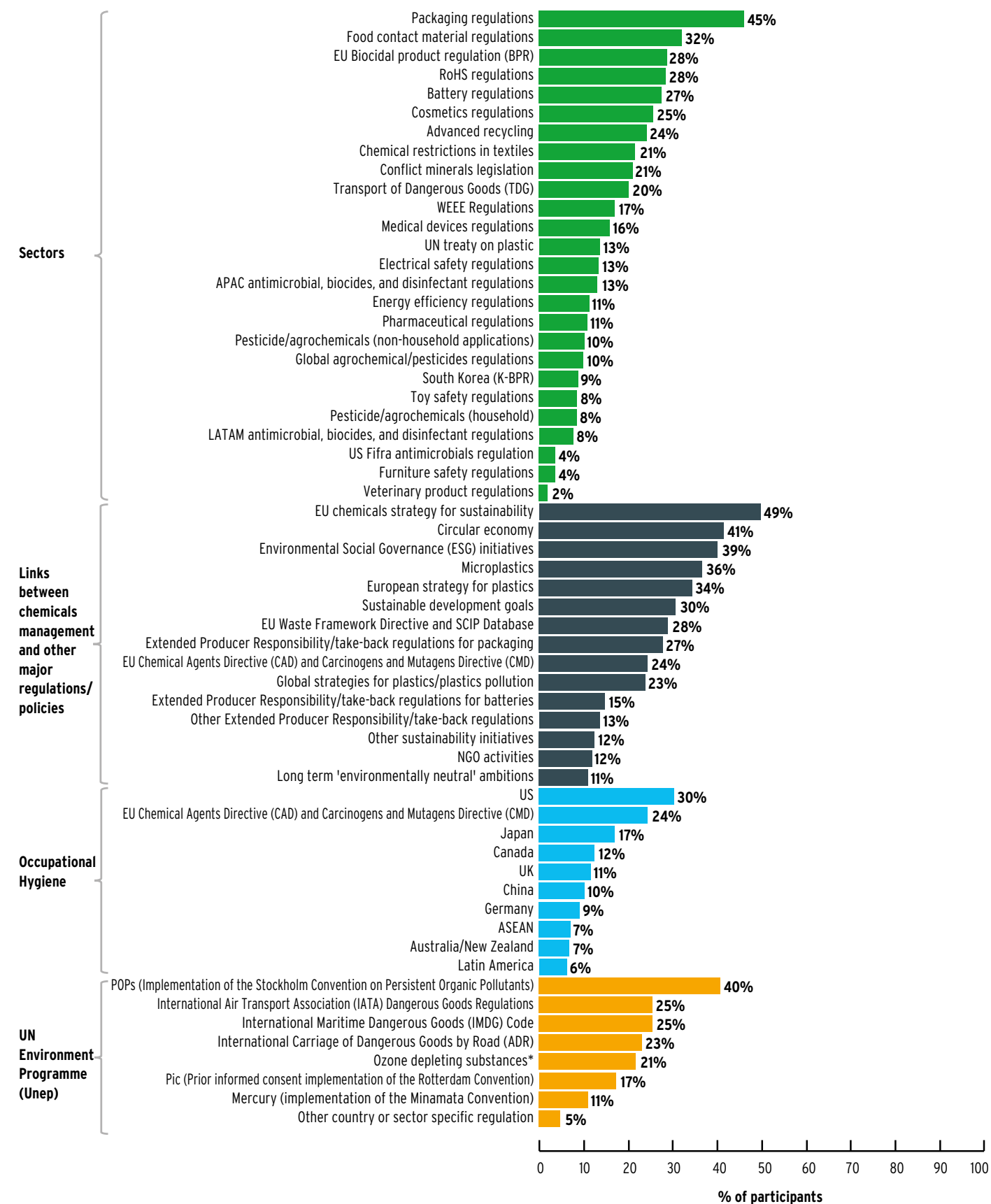
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Leading regulatory drivers for survey participants (section two)



*(Implementation of the Montreal Convention and the Kigali Amendment)

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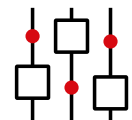
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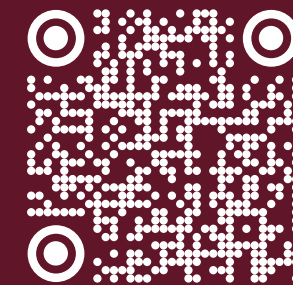
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Leading non-regulatory drivers for survey participants



South Korea, China and Turkey

Outside of Europe and the US, South Korea (K-REACH), China and Turkey account for a significant share of survey responses.

K-REACH is top with 23%, although this was down on the 25% of responses last year. Several regulatory changes come into effect in South Korea during 2025 following amendments to K-REACH and the Chemical Control Act that were passed in 2024.

From 1 January, new substance registration rules under K-REACH now only require companies to register substances manufactured or imported in volumes of one tonne/year or more, rather than the previous 0.1 tonne/year or more.

In addition, a new toxic substances management system will take effect from 7 August. In this system, rules for treating a toxic substance will be applied based on toxicity type instead of being designated as permitted, restricted or prohibited.

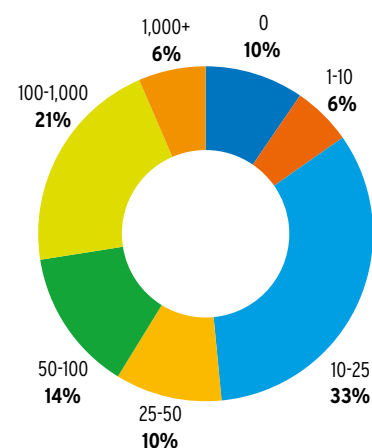
A new category for 'hazardous unidentified substances' also enters into force on 7 August. This applies to substances that are registered or pre-registered, but for which no hazard data is available.

China also features strongly in the survey responses, with 23% referencing the management of existing chemicals and 22% citing the management of new chemicals.

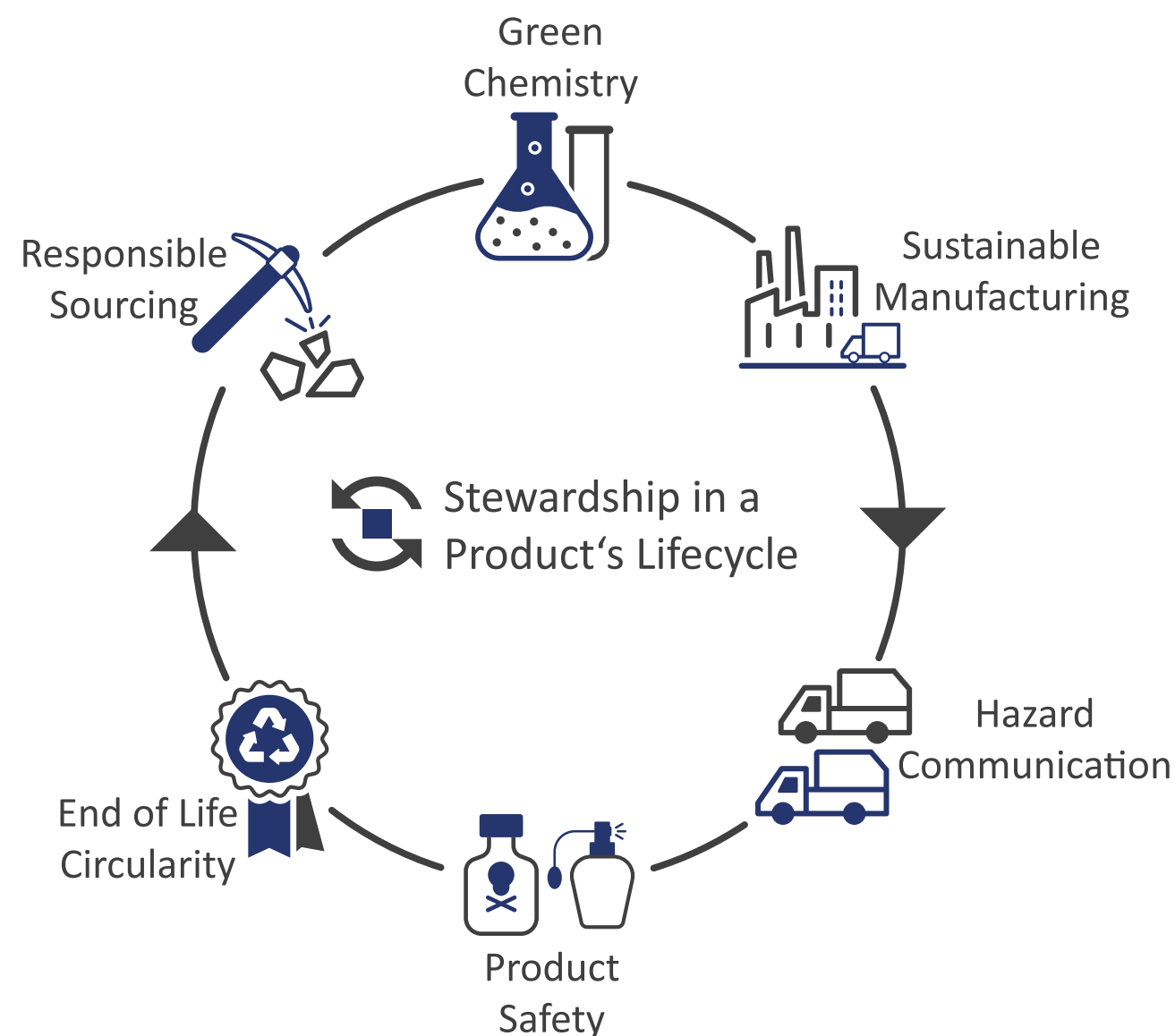
The country has been working to strengthen its laws, particularly on hazardous chemicals. In January, it closed a consultation on a draft Law on the Safety of Hazardous Chemicals. The draft outlines requirements for the production, use, import, storage, transport and distribution of hazardous chemicals in China, including their licensing and registration. Once enacted, the law will replace Decree 591.

Additionally, China is introducing a new national standard from 1 June that will restrict hazardous substances – for example, asbestos, lead and mercury, among others – in recycled plastics. And, the country continues to implement its Three-Year Action Plan for improving workplace safety. The plan runs from 2024 through 2026.

Of the chemicals that you manage within your company, approximately how many are chemicals of concern?



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Amendments to California's Prop 65 'short form' warnings took effect on 1 January 2025, despite years of protests from industry groups. The changes mean that companies that rely on the popular 'short form' warning method must rework their disclosures by the beginning of 2028.

Essentially, companies are required to disclose at least one specific chemical they are providing a Prop 65 warning for, which California's Office of Environmental Health Hazard Assessment (OEHHA) says will make the truncated warnings more informative to consumers.

The OEHHA adds that the overhaul could also curtail the issue of 'over-warning', such as when a company does not know what chemicals their product contains, but still provides a prophylactic warning to safeguard against potential enforcement actions.

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Regulations in Turkey are deemed less important in the 2025 survey, picking up 19% of responses, in contrast to 25% in 2024. Implementation of Turkey's REACH-like regulation, KKDIK, has seen the country's chemical industry – which is dominated by SMEs – struggle with high costs and difficulties in accessing the data owned by foreign-owned companies when preparing registration dossiers. In response, the government extended the registration deadlines by up to seven years, to between 2026 and 2030.

India also slips down the list in this latest survey, referenced by 16% of respondents compared to 19% last time. Japan again receives 17% of the total response.

Brazil makes a first appearance, mentioned by 18% of respondents. This is likely a reaction to the country's enactment of a national chemicals law that was passed by the Senate in October 2024.

The REACH-like law covers chemicals in medicines, pesticides and cosmetics, aiming to reduce adverse impacts on health and the environment. It will see the establishment of a national chemicals inventory, as well as a framework for assessing and controlling the risk of substances that companies produce, use or import. The country is the first in Latin America to establish such legislation.

Non-regulatory drivers

One year on and geopolitical turmoil persists, as does the economic crisis, which could worsen if a global trade war follows President Trump's imposition of tariffs in April.

It will therefore come as no surprise that customer and supply chain demands remain top of the non-regulatory drivers of chemicals management activity in this year's survey, unchanged at 63% of respondents. Consumer concerns regarding products/services takes second place once again, but with a one percentage point drop on last year at 50%.

Sustainability initiatives are ranked third at 42%, registering a fall from the 46% seen in 2024. As companies come under financial pressure, spending on sustainability efforts has largely been reduced or delayed, with a focus on cutting costs and turning down production to meet lower demand.

And economic performance becomes less important this year, cited by 26% of respondents, rather than 30% in 2024.

By contrast, and again a likely reaction to world events, is that governmental policies/spending climbs from sixth to fifth place with 30% of responses (28% in 2024). Political issues in various regions are also higher, in sixth place with 28%, compared with seventh and 25% last year.

Chemicals management activities

The ever-expanding number of regulations around the world means that many companies will become increasingly reliant on chemicals management services, whether that is in-house or supplied by a third party. The survey shows that more than half of respondents

(55%) are expecting an increasing need for both in-house and external personnel to work on chemical management activities over the next five years.

This increased need will be seen primarily in the areas of information, IT & software, training and consultancy/advisory, all of which gained a significantly higher response in this year's survey compared to last.

A larger number of managers expect to oversee more than 10,000 chemicals in 2025 – the survey results show 15% compared with 9% in 2024. The same trend is apparent for the 1,000-10,000 band, which will account for 25% of a manager's workload compared with 23% last year.

Of the chemicals to be managed in 2025, between ten and 25 will be substances of concern, as reported by the majority (33%) of respondents; 27% will be managing more than 100 chemicals of concern. And 42% of respondents report that between one and ten chemicals of concern contribute to UN sustainable development goals (SDGs).

Looking out to the next five years, respondents expect an increasing need for services related to regulatory/policy tracking, product compliance and a regulatory database.

Who answered this year's survey?

This year, 399 people took part in the Chemicals Management and Control Survey. The majority – 49% – are located in Europe, 29% are in North America and 16% are in Asia-Pacific. The remainder is split between Africa and the Middle East, and Latin America – 3% each.

A breakdown by industry shows the vast majority (40%) of respondents work in chemicals, life sciences and similar.

Of the rest, 9% work in service providers, including consultants, laboratories and lawyers; 8% are in other manufacturing; 7% are in consumer products, personal care and cosmetics; 6% in electrical and electronics; 7% in engineering, automotive, aerospace and similar; 5% in healthcare, pharmaceutical and medical devices; and 5% in consumer products, homecare, cleaning products or other household products.

Respondents from government and agencies account for 3% of input; trade associations and professional bodies 2%; and retail, textile and apparel 1% each.

Just like last year's survey, job functions are mainly in regulatory affairs (24%), product safety and stewardship (19%) or compliance management (17%).

44% of survey participants come from businesses with more than 5,000 staff (enterprises), followed by 30% employed by companies with 250-5,000 staff (large companies). Both small (10-50 employees) and micro businesses (less than ten employees) each account for 7% of survey respondents.

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What is the outlook for chemicals regulatory and management services in 2025?

Supply chain resilience and sustainability are key focus areas for customers, who are also under pressure from rising costs, say service providers. Nevertheless, demand for their services will likely be sustained as regulations grow in number and complexity. Elaine BurrIDGE reports

Service providers are largely positive about business prospects for the year ahead. This optimism is particularly noteworthy given rising geopolitical tensions, the ongoing cost-of-living crisis, and a chemical industry trying to survive bottom-of-cycle conditions – particularly in Europe.

While some service providers cite no impact from geopolitical events, others, such as consultancy Chemical Inspection & Regulation Service (CIRS), say the impact was considerable. CIRS managing director David Wan highlights “intense internal competition in the industry, leading to performance declines in some areas”.

Wan adds that he is not feeling particularly optimistic about 2025, saying: “I anticipate that industry will be affected by the global economic downturn.”

Certainly, Staphyt reports that clients were more price sensitive in all sectors last year, and Ramboll also notes rising cost pressure on its clients, resulting in more projects being reduced in scope, delayed, or even internalised where possible.

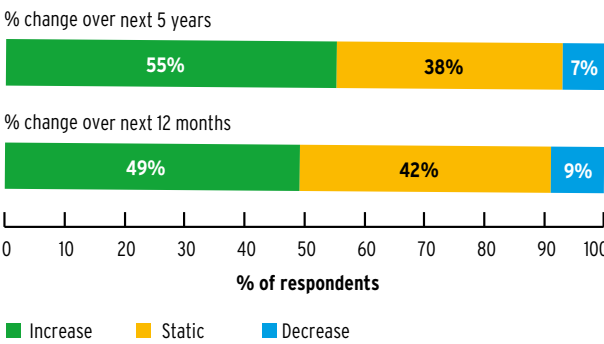
ERM’s Olaf Schatteman, global service leader for sustainable products and supply chain, emphasises that companies are increasingly prioritising supply chain resilience and sustainability in response to geopolitical tensions and climate-related disruptions. He says key focus areas include reducing dependence on high-risk regions, enhancing supplier engagement to ensure transparency and regulatory compliance, and driving product and packaging innovation. These efforts are helping businesses transition to greener alternatives such as solvent-free solutions and sustainable materials.

Supply chain resilience

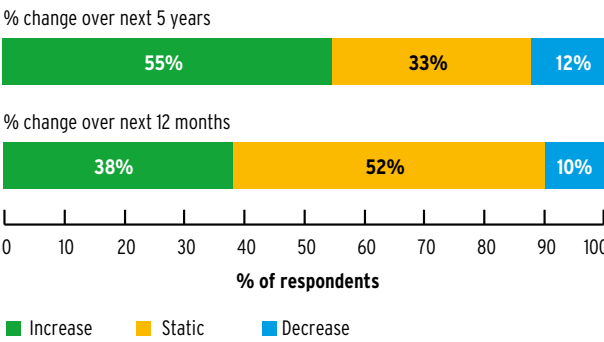
As industries continue to adapt to shifting global conditions, ERM anticipates sustained demand for expertise in supply chain resilience and sustainability, particularly in key markets across Europe, North America and Asia.

LKC CEO Matthew Kane says it saw a cautious approach by market investors because of political elections in parts of Europe and the US, which temporarily slowed business growth. Nevertheless, Kane is confident in his forecast for 2025, noting that the agrochemical sector in particular showed a modest recovery late in 2024.

Anticipated changes in need for inhouse staff



Anticipated changes in need for external services



David Carlander, director of chemicals for Risk & Policy Analysts (RPA), is also positive about prospects for the year ahead, while also pointing to continuing changes in the political environment in 2025. He comments: “The public sector in both the EU and UK is slowing and adapting in some areas as it reflects a shift in policy plans. We expect regulation to increase in its focus and therefore expectations of our clients and how they meet these challenges will increase. Greater understanding of impact and options will be needed, meaning that expertise and knowledge will be in demand from all involved.”

Undoubtedly, the rising number and complexity of regulations governing sectors including chemicals, pharmaceuticals, food contact materials (FCMs) and consumer goods, among others, will continue to drive demand for chemical management services both this year and beyond.



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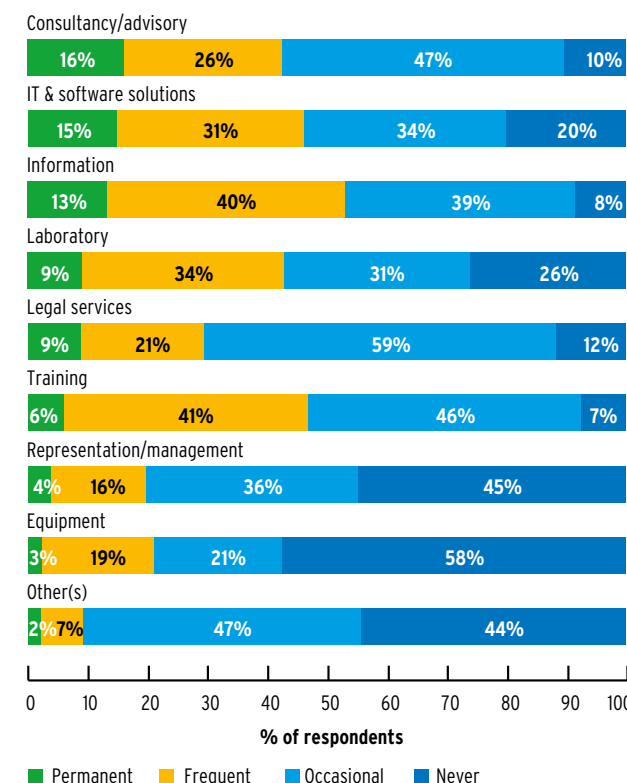
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Which chemicals management and control services do you commission, and how regular is that commission?



This demand will continue to be focused on Europe, Asia and the US. For CIRS, the greatest demand for its services will still be in Europe and Asia, as Wan says these regions have large economic sales. "We are focusing on product compliance and the leading service industries will be chemicals, food, cosmetics, medical devices and general consumer goods."

Latin America

Germany's Chemservise is anticipating more work in Latin America and is currently planning to open an office in Brazil. Managing director Dieter Drohmann says Chemservise is budgeting for 10% growth in 2025, adding that it launched a new subsidiary in Kiev, Ukraine, in early 2025.

On 23 July last year, the Ukrainian government adopted the technical regulation on the Safety of Chemical Products, otherwise referred to as Ukraine REACH. The regulation, which adopts the standard requirements of Europe's REACH regulation, entered into force on 26 January this year.

Industrial chemicals and biocides will be the primary drivers of Chemservise's workload during 2025. Dr Drohmann expects that demand for REACH-related services will remain high and work for new EU regulations will increase.

Meanwhile, he is anticipating "more relaxed" demand in South Korea this year as the Tier 3 deadline is not until 2027. He is anticipating a pick-up in demand towards the end of this year from UK-REACH and Turkey's KKDİK.

LKC's Kane is expecting the European market to seek additional biochemical regulatory and technical services as companies focus on new product innovation and on the sustainability of their supply chains. There could also be further opportunities for pest control chemical management services in African Union countries as the market is forecast to grow, he says.

The agricultural sector will continue to drive a significant part of LKC's business, Kane adds, explaining that manufacturers are seeking to "restock the toolbox depleted by the loss of active substances on economic grounds with new crop protection products required by modern-day food producers".

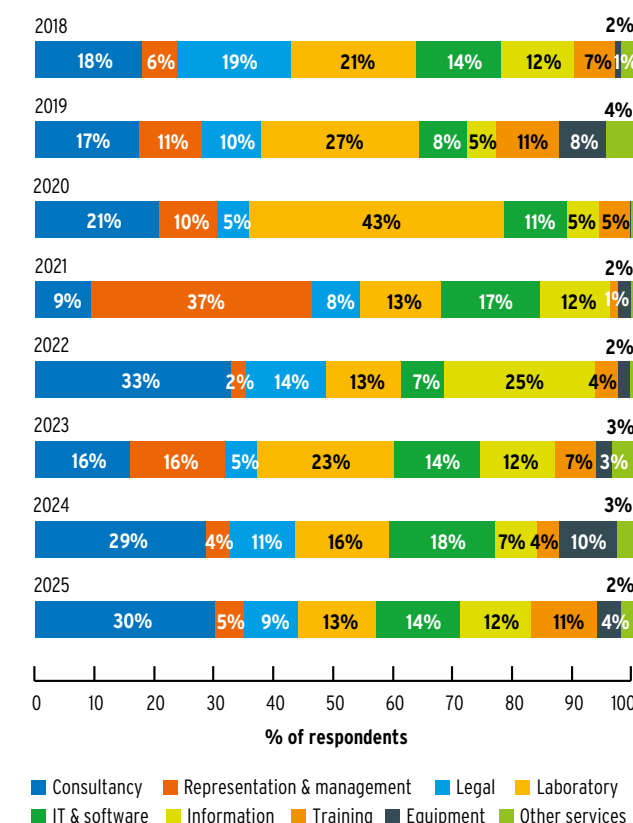
RPA says its focus will remain based on the UK and EU markets. That said, it notes that its client base is broadening and "we see requests increasing from Asia as they explore the EU and UK markets".

Dr Carlander adds: "REACH and CLP drives both public and private interest for us and our expertise is also demanded in areas such as biocides and occupational health."

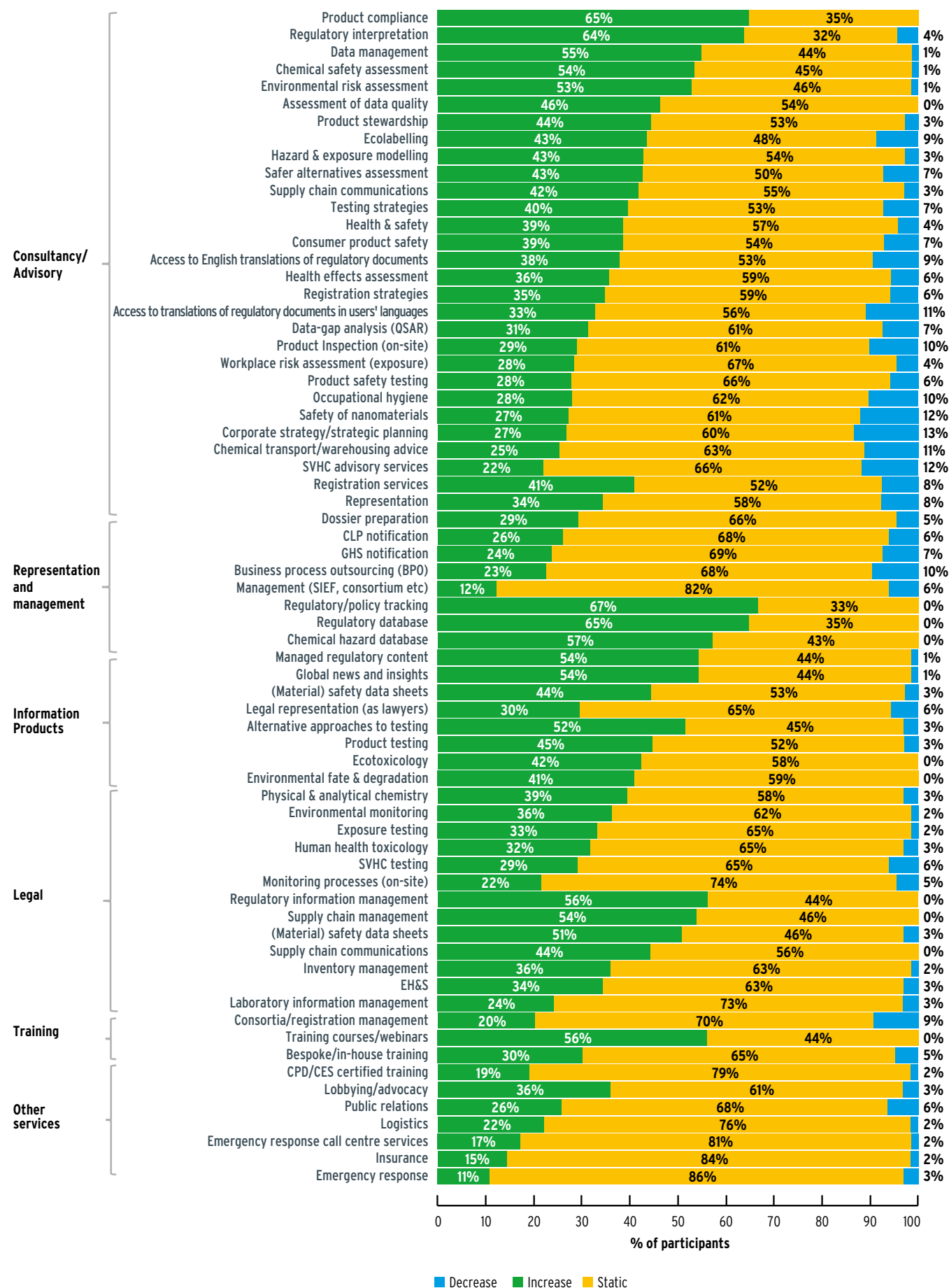
Restriction proposals

Both Rudolf Wilden and Ingo Walter, respectively principal and senior manager regulatory affairs at Danish multinational consulting group Ramboll, are expecting strong demand for support to defend uses of substances proposed for restriction, such as chromium hexavalent and per and polyfluoroalkyl substances (PFAS). They note that "chemical companies are busily reviewing their substance portfolios in light of the new hazard classes under the classification, labelling and packaging of substances and mixtures (CLP) regulation."

Changes in the proportion of annual spending for chemicals management and control services



Anticipated change of services required over the next five years



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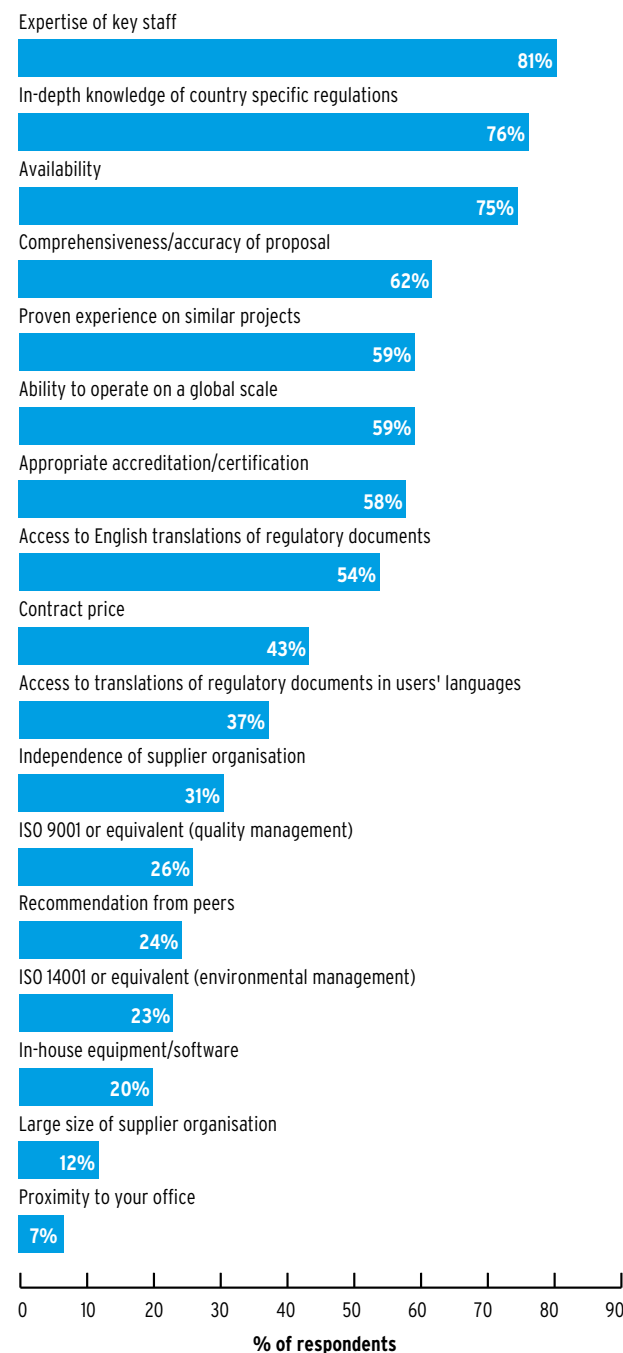
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Most important factors when selecting a new supplier



Endocrine disruption, constituting both a new CLP hazard class and recently introduced new data requirements under the Biocidal Products Regulation (BPR), continues to be a challenging issue for biocidal active substances. This is due to the extensive need for animal testing and strict data submission deadlines imposed by regulators in the existing substances review programme.

Wilden and Walter note that clients are tending to establish a global registration strategy for their products to avoid double testing, such as for China. They are also focusing on streamlining and harmonising their dossiers across different world markets.

Other areas highlighted for 2025 include the required uptake of recycled material to meet minimum thresholds under the EU's Packaging and Packaging Waste Regulation (PPWR) and batteries regulation. Wilden and Walter say this will force recyclers to establish processes to monitor or assess substance composition and assure compliance with Substance-of-Concern (SoC) standards.

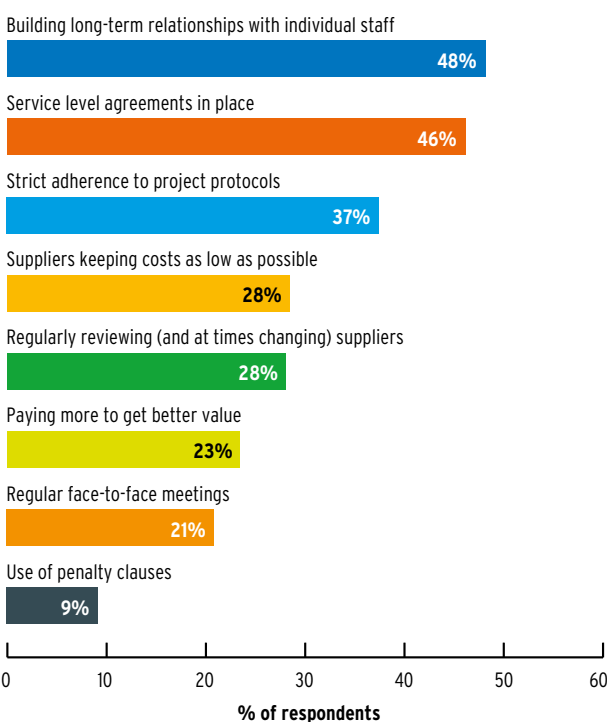
SoC questions are gaining momentum, driven by reporting requirements under the Corporate Sustainability Reporting Directive (CSRD) and the Ecodesign for Sustainable Products Regulation (ESPR), which the European Parliament adopted on 23 April 2024. The regulation seeks to restrict hazardous substances and make products more environmentally friendly.

ESPR regulation

"The number of priority products groups on the ESPR working plan is likely being reduced compared to the initial proposal. However, considerable resources will be needed to establish tools and processes in the impacted industries, such as furniture, textiles and tyres, as well as battery manufacture and construction products," they say.

On a brighter note, Wilden and Walter add that the European Commission's omnibus proposals for aligning and integrating CSRD, Corporate Sustainability Due Diligence Directive (CSDDD), Carbon Border Adjustment Mechanism (CBAM) and EU taxonomy, will likely reduce the number of companies with reporting requirements. However, they say the proposals will still present a challenge for larger organisations. "The double materiality assessments need to be followed by resource-intensive implementation work to establish tools and processes for data collection, assessment and reporting."

Important factors for getting the most out of a supplier relationship



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Ramboll acquired German scientific consultancy SCC on 6 September last year in a deal that Wilden and Walter describe as “a perfect fit”. The acquisition added 160 employees and boosted Ramboll’s health sciences expertise, especially in agrochemicals and biorationals, biocides, industrial chemicals and medical devices.

For Staphyt, services for REACH and biocides will be the major drivers of demand in the coming year. From a geographical viewpoint, the greatest need for its services will be in the US and Asia.

Meanwhile, Italy’s Chemsafe is concentrating on developing its EU subsidiary to expand its overseas business. Managing director Antonio Conto says the US is a promising area of new business for the company. He sees rising demand for pharma and food toxicology services, and novel food dossier preparations for both the US and European markets, including generally recognised as safe (GRAS) evaluations. ERM sees a “multifaceted landscape” ahead as the chemicals management services industry navigates its way through economic pressures, evolving regulations and increased environmental responsibilities.

Persistent pollutants

It cites the disclosure and remediation of persistent pollutants, such as PFAS, as one of the most pressing issues today, which is further complicated by an increasingly complex global regulatory environment. “Despite ongoing efforts, numerous companies continue to grapple with the removal and clean-up of these contaminants from their manufacturing processes and supply chains,” says ERM’s expert in PFAS and emerging contaminants, Linda-Jean Cockcroft. She adds that the “regulatory demand for transparent disclosure of PFAS levels further underscores the urgency of this challenge”.

ERM sees rising demand for chemical regulation support services in Latin America, Japan and South Korea. The company reports a significant increase in demand for product stewardship services last year, particularly in Latin America, where it says countries are renewing their crop protection regulations and moving towards the implementation of ‘REACH-like’ regulations.

The chemical and agrochemical sectors have traditionally been the major driver of ERM’s business, but the company says it saw a “massive jump” from the pharmaceutical, technology and manufacturing industries in 2024, where customers’ internal capabilities were either not available or less experienced.

Sam Wright, partner at ERM, says pharma companies are navigating the intensifying regulatory landscape around the Pharmaceuticals in the Environment (PIE) regulation. This rule will introduce stricter controls on drug production and disposal by requiring companies to conduct literature reviews, extend environmental risk assessments, and mitigate the release of active pharmaceutical ingredients (APIs) and emerging substances of concern into the environment.

Meanwhile, digital product passports (DPPs) will be required for specific products starting in 2027 under regulations such as the ESPR and batteries regulation.

Alice Valvoda, an ERM partner and expert in DPP implementation, says she is spearheading multiple pilot initiatives to align emerging

regulations and industry standards. She comments: “By proactively adopting DPPs, companies can not only stay ahead of compliance but also create significant business value through improved transparency and sustainability credentials.”

Eurofins Agrosience Services, a contract research organisation providing testing and regulatory services on crop protection and seed products, predicts sustained demand in 2025. The company reports high demand for laboratory services in 2024, especially for the testing of industrial chemicals and emerging areas in other industries, such as the testing of biological crop protection products.

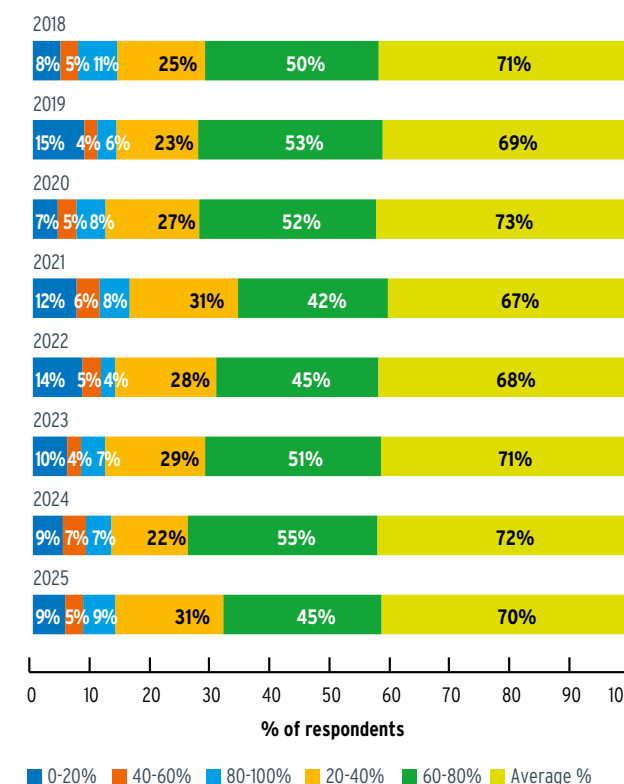
“There was particular demand for higher tier environmental toxicology testing – chronic fish and endocrine disruption testing are important examples – driven especially by regulatory authorities such as ECHA (for REACH) and the European Medicines Agency (EMA). Likewise, demand for testing of polymers has increased,” it says.

Key trends

The main macroeconomic and industry trends remain unchanged from previous years, namely digitisation and sustainability, to name a couple.

Companies are looking at artificial intelligence (AI) to boost efficiency and performance. Indeed, CIRS is currently exploring whether AI can bring “revolutionary changes to reduce our costs”.

The percentage of chemicals management work performed by the in-house team



Wan says: “We are continuously studying how to seize opportunities brought by changes to the supply chain. We are also paying attention to the opportunities and risks brought by new technological innovations in various fields to all industries, assessing them comprehensively, and finding our strategic balance.”

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ERM says leveraging digital tools can unlock new customer bases and drive significant growth. It believes that over the next five years, companies will look for consultancies that can provide digital solutions to improve supply chain visibility, optimise production processes and support data-driven decision-making.

Turning to sustainability, companies are focused on action to cut their carbon footprint and develop green and circular products and processes. ERM saw a surge in demand in 2024 for expertise in tracking and reducing emissions through value chains, noting that companies across multiple industries are increasingly striving to understand and reduce their product carbon footprints.

According to research by the Europe Commission, only 30% of SMEs in the EU had conducted a lifecycle assessment (LCA), which ERM's Schatteman says is a critical tool for identifying emissions hotspots across a product's lifecycle.

Ramboll's Wilden and Walter add that a lack of LCA experts means more automation is needed – and forecast a rise in the use of AI for predicting substance properties.

Pharmaceutical companies are also prioritising investments in sustainable chemistry. ERM and the Sustainable Healthcare Coalition, together with the Industry Low-Carbon Clinical Trials (iLCCT) consortium, have launched a free carbon calculator, a move that ERM says recognises “the urgent need to minimise the environmental impact of clinical trials”.

A second initiative in the sustainability area sees ERM and Ayming scaling green solvent solutions to cut the pharma industry's manufacturing carbon footprint. In January, the collaboration secured funding from Innovate UK under the Sustainable Medicines Manufacturing Innovation Programme, which aims to improve the manufacturing innovation ecosystem in the UK towards a sustainable future.

Dr Carlander states that the ongoing substitution of substances of concern will remain a long-term driver of sustainability within the chemical industry as the speed of alternatives to market increases.

Looking ahead, Chemsafe's Conto says the trend of over-regulation in the EU may become a problem for all. “I'm afraid that more attention will be posed by companies from a marketing perspective to less-regulated areas, including the US to some extent and the Far East, so we need to pay attention to this trend,” he warns.



One of the biggest challenges – and one that persists today – is a shortage of qualified staff. The rising number and complexity of regulations worldwide have heightened the need for expertise

Opportunities and challenges

New legislation and evolving chemical management schemes will create numerous opportunities for service providers in the coming years. “The biggest opportunity for service providers lies in being able to foresee future compliance markets and quickly adjust their focus to adapt to changes in the compliance service market,” says Wan.

Dr Carlander identifies continued market access as an opportunity but also a challenge. He comments: “The relaunched EU REACH Review, scheduled for presentation later in 2025, will have a large impact for the sector in the future. We also see the UK post-Brexit divergence impacting both UK and EU public and private clients.”

Conto adds: “The constant increase of complexity in international regulations, together with a lack of harmonisation between countries/continents, will lead to increased demands. Service providers must have strong scientific teams, as well as a multidisciplinary approach.”

The follow-up of very fast market changes and evolving markets, together with the development of new and sustainable services in relation to new technologies will bring opportunities and challenges for service providers, both now and in the longer term, according to Staphyt.

Regarding laboratory companies, Eurofins Agrosience Services says that both significant opportunities and challenges lie in managing and increasing testing capacity to meet demand, devoting resources to educate and encourage customers to plan early and expanding and developing new capabilities in testing and analysis to meet emerging needs, such as polymers and biologicals.

One of the biggest challenges – and one that persists today – is a shortage of qualified staff. Undoubtedly, the rising number and complexity of regulations worldwide have heightened the need for expertise, which ERM's Cockcroft says has led to an increasingly competitive talent market. “Securing skilled professionals remains a critical challenge as consultancies strive to meet the growing demand for regulatory know-how,” she says. “Keeping up with evolving standards demands substantial resources and agile strategies. Consultancies must continuously invest in understanding new requirements – from PFAS remediation to CSRD disclosure – and adapt their services accordingly.”

Adaptability will become increasingly important for service providers, as customers' needs flux in response to market demands. These include both existing and developing regulatory requirements, economic conditions, supply chain changes and political/geopolitical relationships. Certainly, there looks to be no let-up in demand, which can only be a welcome message for businesses engaged in providing chemical management services.

That said, the rising need for regulatory services will also be tempered by a cautious approach to spending among customers.

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What are the prospects for professionals working in chemicals management and control in 2025?

This year's Enhesa Chemicals Management and Control Survey reports on a recruitment market emerging from a challenging 2024, when geopolitics and a weak economy shrank job opportunities. Hot spots include pharmaceuticals, personal care and sustainability-related roles, writes Elaine Burridge

Recruitment companies are a little more positive in their views on the jobs market for the coming year, following a difficult 2024 marked by ongoing geopolitical turmoil and a weak economy that has affected the chemical industry, particularly in Western Europe.

Stephen Mothersole, founder and group CEO of Chemical Search, says last year was perhaps the most challenging for recruiting people to work in chemicals management since the aftermath of the financial crisis in 2008.

"This was a global phenomenon caused by the economic downturn but was particularly acute in Western Europe due to ageing plants, unfavourable energy and feedstock costs, regulatory issues and government support," he says. "For these reasons, recruitment opportunities for staff at management levels have been thin across the board in Europe, with opportunities driven by retirement often left unfilled or internally managed by succession."

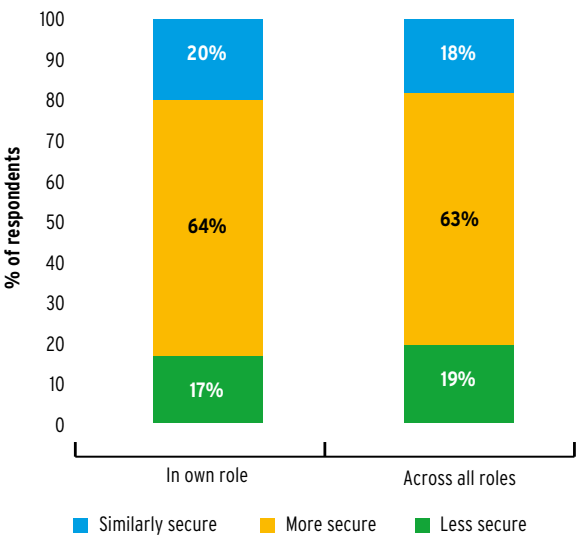
Mothersole highlights the "multiple announcements" of redundancies in major companies during the past year, adding: "The UK chemical industry with the additional challenges following Brexit suffered noticeably, with recruitment opportunities especially thin on the ground."

He also notes that regulatory roles "seem to have peaked in the UK due to the persistent delays for UK REACH".

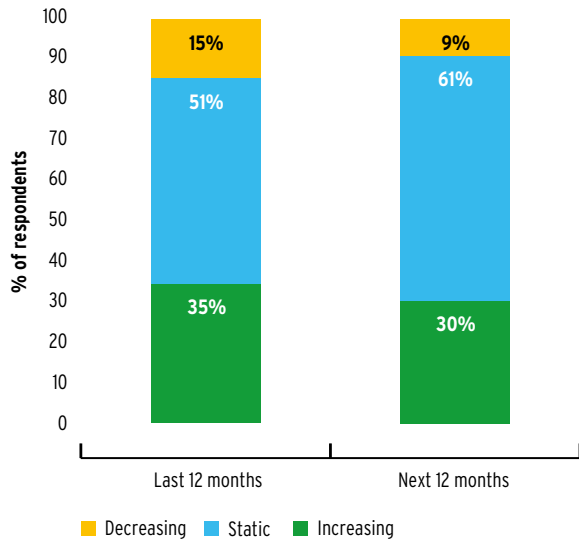
Despite this, Mothersole voices confidence that the downturn has bottomed out. He believes that a potential end to hostilities in Ukraine and the Middle East could lead to improved market sentiment and economic growth. This would prompt a gradual return of consumer demand and stabilised energy costs, resulting in better operating rates and profitability for Western chemical companies. "Hopefully this will drive renewed confidence in hiring," he says.

However, Mothersole has noticed that the fine end of the chemical sector, with molecules destined for areas such as pharmaceuticals, personal care and nutraceuticals, has remained relatively unaffected by macro events. People with experience in these sectors remain in demand, he says.

Job security felt by respondents in their own roles and across all roles within organisations



Within your employer, what is the trend in terms of number of chemicals management and control professional staff?



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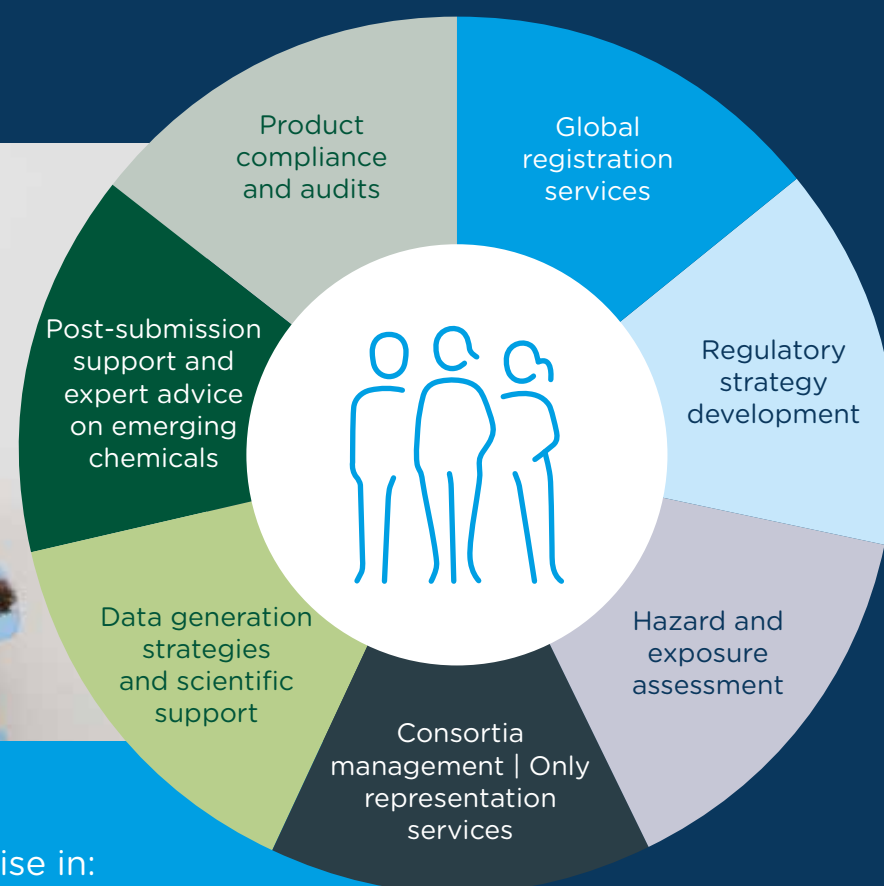
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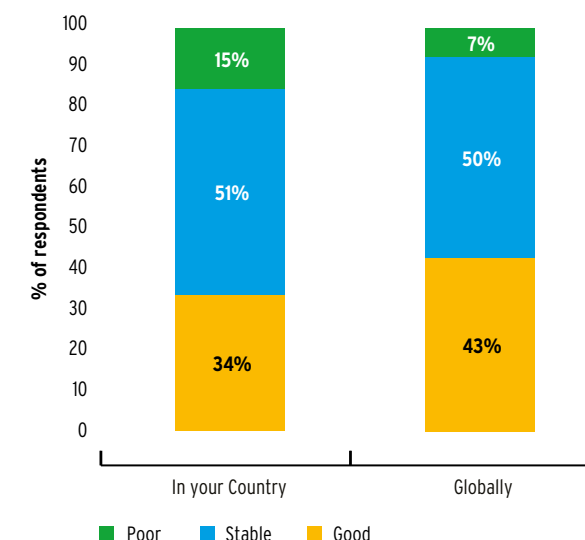
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How would you best describe the job prospects for chemicals management and control professionals?



In addition, recruitment of chemists and related professionals into roles related to the green energy transition seems to be relatively stable. Mothersole is confident that demand will continue to grow for qualified staff in this particular area.

Tom Robinson, regional director, Power & Chemicals (Europe) at NES Fircroft, also observed a "quieter than usual" 2024 for hiring into the chemical management sector. He attributes this slowdown to many chemical producers reducing production because of unsustainable running costs.

However, against a backdrop of reduced recruitment across the board, NES Fircroft did see a rise in demand for professionals working within cost control and planning. Robinson says this was a direct response to the escalation in running costs, noting that a number of organisations also took the opportunity to restructure businesses and, in some cases, release staff.

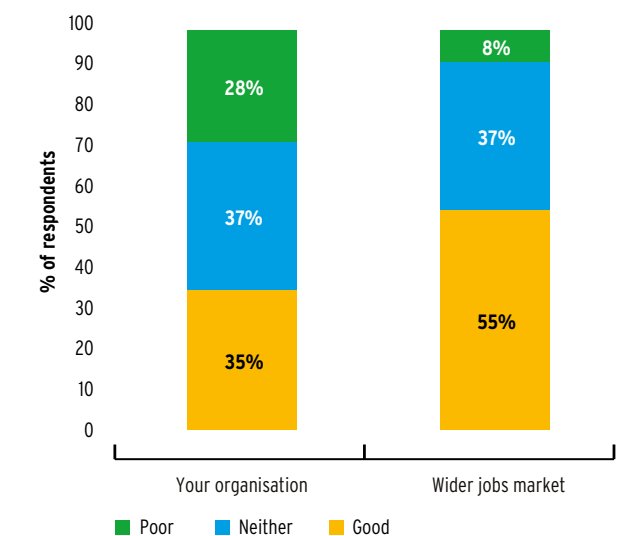
He is more optimistic for staff recruitment in 2025, particularly as companies have moved forward with large-scale projects and are looking to position for further investment in 2026, creating a healthy pipeline of job opportunities. "The market has moved from a static position to businesses now actively looking to make new hires to support their anticipated growth," Robinson says. "In addition, there are a number of new start-up organisations looking to capitalise on sustainable engineering practices as businesses seek to reduce their environmental footprint, which will continue to create job opportunities as better technologies emerge."

Robinson sees two distinct streams in the job market. First is the more traditional chemical sector that is looking to make existing operations greener, primarily through adopting more climate-friendly technologies, such as carbon capture, utilisation and storage in an effort to reduce emissions. "This has created new job opportunities for technical specialists who previously may not have considered a career in chemicals," he says.



More people (19%) feel less secure across all roles, which is up on the 12% recorded last year.

How would you describe the opportunities to progress your chosen career within your organisation, and also within the wider jobs market?

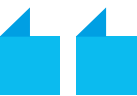


Second are the businesses and projects striving to make greener chemicals themselves, such as hydrogen, sustainable aviation fuel, or those applying new technologies to utilise waste products as a fuel source, such as in the production of green methane.

John Sherratt, chemical regulatory science recruitment lead at UK-based VRS Regulatory, says recruitment in 2024 was steady but characterised by a trend to replace permanent staff with temporary, contract or project-orientated positions.

He comments: "Overall, roles for technical specialists and hands-on people, such as risk assessors and dossier writers, were more prevalent than coordinators. The plant protection products (PPP) sector saw the least demand, with some larger organisations scaling back EU R&D spend, which had a knock-on effect for consultancies servicing the sector. People with biocides experience remained in strong demand, a trend that is unlikely to change."

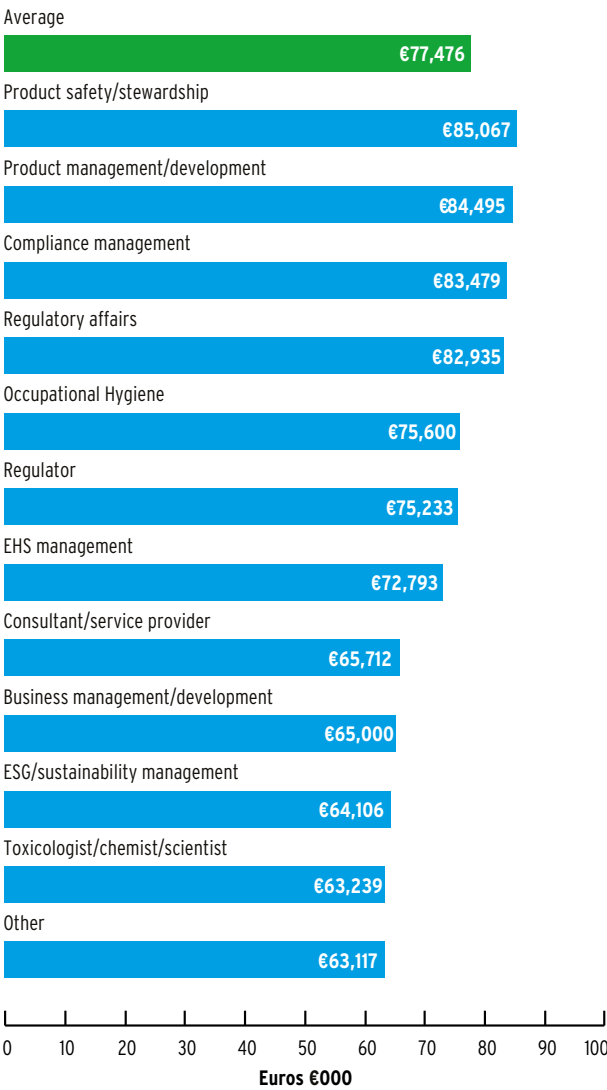
Sherratt is anticipating "reasonable demand overall" this year, citing a growing regulatory burden on businesses and the ongoing need for specialist knowledge. He believes that while some companies will hold off on recruiting new roles, they will replace departing employees in most cases.



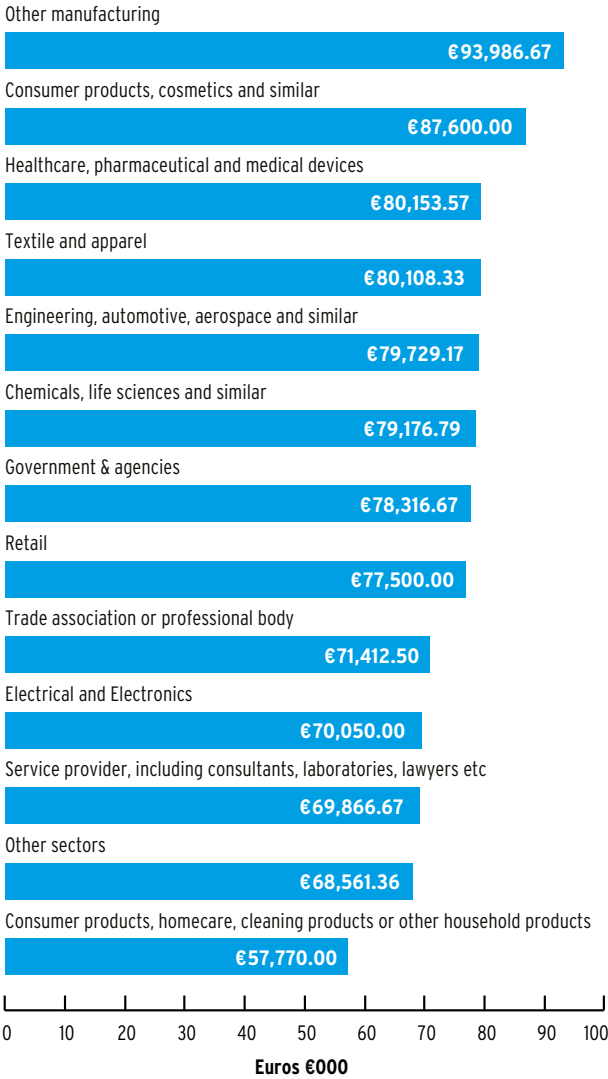
44% of respondents this year feel that global employment prospects are good.

Wayne Brophy, CEO at CAST UK, notes that over the past year the UK’s chemicals sector has experienced a dynamic hiring landscape for management roles across operations, procurement, supply chain, human resources, sales, environment, health, safety and sustainability. “Companies have increasingly sought professionals who can navigate supply chain complexities, drive sustainability initiatives and ensure compliance with evolving environmental regulations,” he says. “This trend reflects a broader industry shift towards ethical practices and sustainable growth.”

Average salary by job function



Average salary by industry sector



Brophy adds that, consequently, the demand for skilled managers in those areas has intensified, leading to a competitive market for top talent.

Another notable trend, according to Brophy, is that ‘soft skills’, such as communication, strategic awareness, agility and learning mindsets, have become increasingly critical in management roles.

Survey results

The latest Enhesa Chemicals Management and Control Survey reveals the data behind the trends highlighted by the recruitment professionals.

Just over half of respondents (51%) report that the number of chemicals management and control professionals employed by their organisation has remained unchanged over the past 12 months, while 35% report an increase.

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The numbers shift when looking at the 12 months ahead, with 61% anticipating no change and 30% expecting an increase.

It is notable this time that more respondents than ever before (15%) mention a fall in employee numbers – likely reflecting current economic conditions – although this improves to 9% for the year ahead. Since 2017, the decreasing trend has ranged between 2% and 6%.

Perhaps unsurprisingly, the number of respondents saying they felt similarly secure across all roles fell to its lowest level (63%) in the history of the survey. And it is only one percentage point better (64%) when applied to their own role.

In the same vein, more people (19%) feel less secure across all roles, which is up on the 12% recorded last year.

Future job prospects

A similar number of respondents (44%) this year feel that global employment prospects are good, compared with 43% a year ago. However, this optimism drops to 34% at the country level. Similarly, poor job prospects are reported by 15% of respondents at the country level, compared to 7% globally.



Workers located in Europe, Latin America, Africa and the Middle East all saw increases in average pay in 2024, while those employed in North America and Asia-Pacific saw average salaries fall.

When asked to describe employer opportunities for progressing a chosen career, 35% of participants rate them as good, which is two percentage points more than the last survey. On the flip side, more respondents say they are poor (28%), compared with 22% before.

Looking at the wider jobs market, 55% report good opportunities and 8% say they are poor. This compares with 58% and 6% respectively in 2024.

Job satisfaction has also declined, with 51% of people saying they are satisfied with their jobs, down from 57% in 2024. Conversely, the percentage of those unsatisfied has increased to 13%, up from 11% last year. The number of respondents saying they were neither

satisfied nor unsatisfied was 37%, up by about five percentage points.

Meanwhile, there has been a rise in average salaries for those working in compliance management, up €10,000 to just over €83,000. Those working in regulatory affairs have also seen their pay rise from approximately €71,000 to €83,000. However, people working in product safety and stewardship saw average salaries fall by €5,000, to around €85,000.

From a geographic viewpoint, workers located in Europe, Latin America, Africa and the Middle East all saw increases in average pay, while those employed in North America and Asia-Pacific saw average salaries fall.

“Agility and strategic awareness are key as businesses navigate market volatility and evolving regulations. Strong communication skills enable leaders to drive engagement across teams and stakeholders, while digital and data proficiency are now essential for optimising supply chains and operations,” he says.

Brophy continues: “Advanced planning and problem-solving abilities, coupled with sustainability awareness, are in high demand as companies embed environmental, social and governance (ESG) principles into their long-term strategies. Tech-savviness with emerging tools, cross-functional collaboration, risk management and continuous learning are also highly valued, ensuring managers can adapt to rapid industry changes and drive innovation.”

Looking by industry, those working in consumer products, cosmetics and similar industries enjoyed the biggest pay packets, averaging over €87,000. In contrast, those employed in the homecare, cleaning or other household products sectors were the lowest earners, with salaries below €58,000.

Additionally, more than two-thirds of respondents say they are eligible for a bonus. The highest eligibility is in Africa and the Middle East (83%), with the smallest share (60%) residing in Europe.

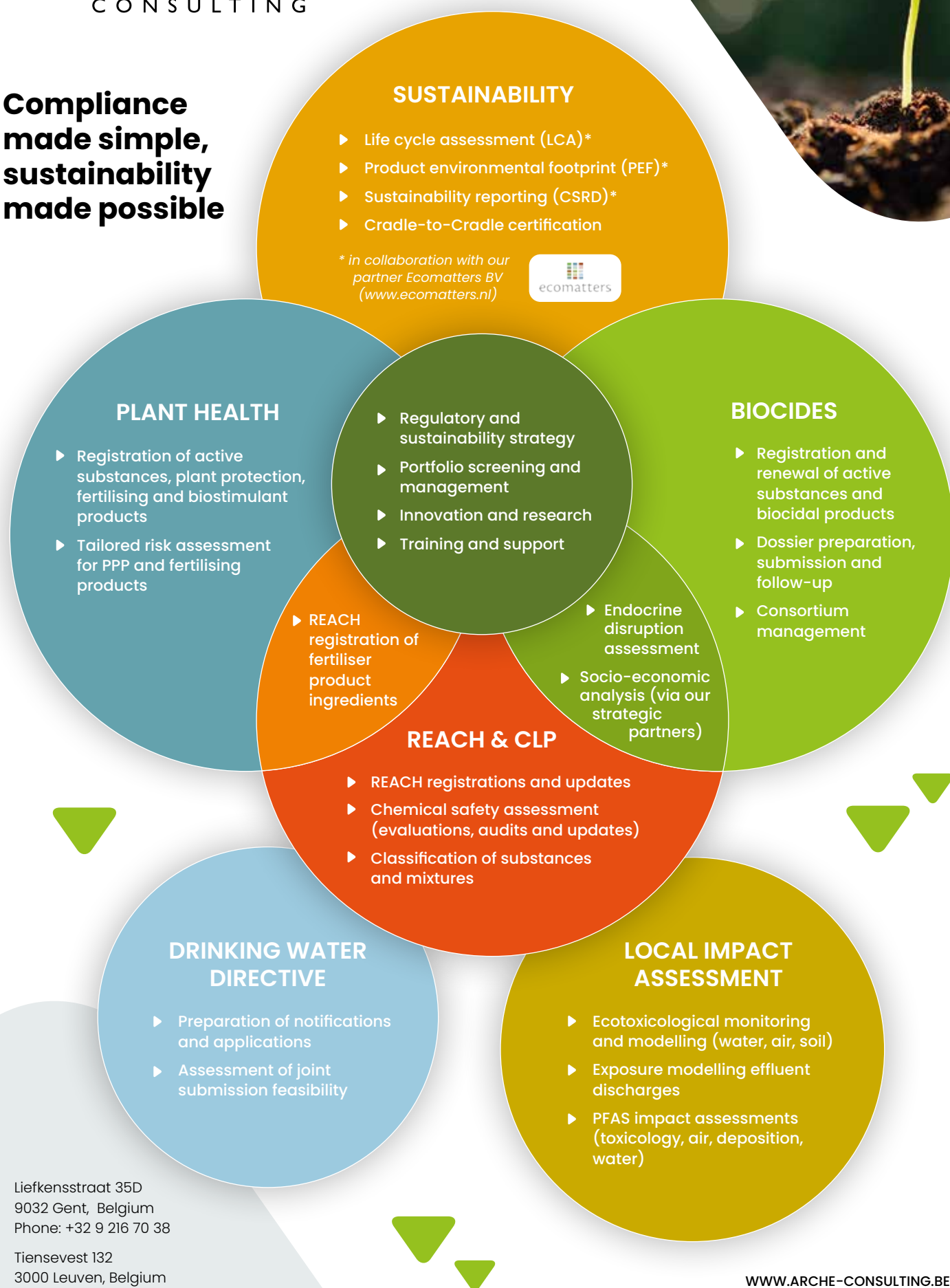
Training needs

There is an ongoing need for training, whether that be related to specific chemistries or end-uses, or local market needs. While 45% of respondents cite an increasing need for training, less than half (46%) say this is being identified or met. Additionally, 41% say their requirements are only being partially fulfilled.

This latest survey highlights a trend that has persisted every year since 2019, with previous polls showing that up to 50% of respondents feel their training needs are not being identified or met.

That said, a majority (63%) report this time around that their employers provide sufficient budget to cover their training needs, with 37% saying their companies do not. This is a small improvement on last year, when 40% of respondents said their employer’s budget was not big enough to include training.

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What are the key regulatory changes and future trends for GHS and safety data sheets across the globe?

In this Chemical Watch News & Insight article, first published in November 2024, regulatory and compliance analyst Fourat Muziel looks at GHS and SDS regulations, the latest global developments and what's expected for the rest of the decade

The Globally Harmonized System (GHS) of classification and labelling of chemicals and safety data sheets (SDSs) is central to chemical safety regulations worldwide. Developed by the UN to standardise the classification and labelling of chemicals, GHS is crucial for maintaining a high level of safety across global supply chains. SDSs, an integral part of GHS, are the primary method of communicating hazards related to chemicals, detailing information on safe handling, storage and disposal.

In the past three years, regulatory bodies worldwide have updated their GHS and SDS standards to reflect recent scientific developments and emerging industry needs. Looking ahead, we anticipate further evolution in these regulations over the next five years, driven

by increasing environmental awareness, advancements in digital safety management and consumer demand for transparency.

In this article, we'll examine key changes from the past three years and project forward to provide insight into expected trends, with a particular focus on industry implications.

Recent changes in regulations (2020-23)

In the past three years many countries and regions have aligned their regulations with the seventh and eighth revised editions of GHS (GHS 7 and GHS 8), introducing new hazard classes and broadening the scope of classification and labelling requirements.





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US

In 2021, US OSHA initiated alignment with GHS 7, a move that revised hazard classifications, added requirements for labels and updated SDS guidelines. OSHA's new rule required companies to enhance transparency on chemical hazards, including additional classifications for chemicals with environmental risks.

Updated SDS requirements have called for more thorough sections on ecological information, contributing to clearer guidance for companies on SDS development. US companies have faced challenges adapting to these updates, particularly in recalibrating their data management systems to comply with the revised hazard and classification criteria.

EU

The EU's updates to the classification, labelling and packaging (CLP) Regulation ((EC) No 1272/2008) have resulted in significant shifts. The CLP has been periodically updated through Adaptations to Technical Progress (ATP), which introduce new hazard categories or modify existing classifications. The 22nd ATP, published in January 2024, has introduced classifications for endocrine disruptors, making the EU the first jurisdiction to implement such categories. For industries, this development necessitates additional testing and disclosure for substances potentially affecting hormone function, requiring regulatory analysts to actively monitor compliance and facilitate hazard assessments.

China and Taiwan

China's alignment with GHS 7, which expanded the range of hazard categories and imposed stricter requirements for SDSs and labelling in simplified Chinese, came in 2021. For multinational companies, compliance in China involves translating all SDSs and labels accurately, meeting local language requirements and ensuring clarity in labelling.

In Taiwan, the adoption of GHS 8 under CNS 15030 standards has set a precedent for Asian economies, with SDS updates now requiring precise hazard classifications. Taiwan's rigorous approach emphasises detailed disclosures, and its regulatory authorities conduct active enforcement, increasing the compliance burden for importers and manufacturers.

South Korea

South Korea adopted GHS 8 with specific amendments under K-OSHA, incorporating more detailed hazard communication and expanded SDS requirements. South Korea's updates include provisions for transparency around chemical composition, which directly affects manufacturers using proprietary mixtures.

Additionally, South Korean regulations enforce stricter controls on SDS updates, requiring organisations to maintain an up-to-date repository of SDSs in Korean, especially in industries with high exposure risks. South Korea's rigorous enforcement model has set a standard for neighbouring countries to consider similar reforms.

Other regional developments

In Latin America, countries such as Argentina, Brazil and Mexico have adopted GHS 7, reflecting their commitment to harmonising with global standards. ASEAN nations, including Singapore and Malaysia, have also moved towards GHS 7 or 8, with Singapore actively encouraging regional alignment. Each of these regions emphasises local language labelling, creating unique compliance requirements for multinational corporations.

Anticipated changes and emerging trends (2024-29)

The regulatory landscape for the GHS and SDSs is poised to evolve further, with several key trends anticipated to shape the next five years. Industry stakeholders should monitor these trends closely to proactively adapt their compliance practices.



Increased global alignment with GHS 8 and beyond

As regulatory bodies adopt the latest GHS revisions, we expect an uptick in new hazard classes, including categories for endocrine disruptors, chemicals contributing to climate change and persistent environmental pollutants.

In regions like the EU, where environmental impact is a growing concern, such classifications are increasingly relevant. Adoption of these newer GHS revisions globally will require companies to modify existing SDS and labelling practices to comply with updated classifications. This harmonisation trend is likely to expand, streamlining hazard communication across borders.

Digitalisation and real-time SDS management

A shift towards digital SDS platforms is already under way, enabling real-time access and updates to SDS information across the supply chain. Technological advancements, including AI-driven SDS automation, allow companies to quickly revise documents in response to regulatory changes, minimising compliance risks. Digitalisation offers particular value in industries with high inventory turnover, as it facilitates faster incident response and supports comprehensive compliance tracking. As more countries adopt this model, digital compliance systems are becoming essential for large corporations with diverse product portfolios.

Greater transparency and disclosure requirements

Consumer and regulatory demands for transparency are leading to stricter SDS requirements, particularly concerning proprietary mixtures and confidential business information (CBI). The EU has already implemented rigorous disclosure mandates, with regulators requiring detailed reporting on the chemical composition of mixtures, even when such information is proprietary. For companies, navigating this trend involves balancing the need to protect intellectual property while ensuring compliance with disclosure requirements. Regulatory analysts should anticipate that transparency standards will become more stringent, especially as consumer awareness grows.

The rise of region-specific requirements

Although the GHS aims for global harmonisation, many regions are adapting it to include additional local requirements. For instance, Japan recently imposed local language mandates for all SDSs. These adaptations serve unique regional needs, such as specific cultural or logistical considerations, but they increase the complexity of compliance for multinational organisations. As regional governments continue to add such requirements, regulatory analysts will need to closely monitor these nuances to ensure local compliance.

Sustainable chemicals and environmental safety

The focus on environmental safety is expanding within the GHS, with growing emphasis on chemical sustainability and environmen-

tal hazard classifications. Regulatory bodies worldwide are beginning to categorise substances based on their impact on ecosystems, toxicity to marine life and persistence in the environment.

Many regions, especially in Europe, are also exploring stricter eco-labelling standards, indicating chemicals that meet eco-friendly criteria. For companies, aligning with these trends will involve adopting safer alternatives, improving waste management practices and developing more sustainable products.

Implications and strategic considerations for industry stakeholders

The rapid evolution of GHS and SDS regulations brings both challenges and opportunities for manufacturers, exporters and supply chain stakeholders. For those working with chemicals, maintaining up-to-date knowledge of multi-regional regulations is critical, especially as countries adopt different versions of GHS at varying speeds. Compliance officers face potential shipment delays, penalties, or brand reputation risks due to misaligned SDSs or labelling.

From a strategic standpoint, regulatory analysts should focus on the following best practices:

- proactive monitoring – regularly track regulatory developments, ensuring that SDS updates are implemented swiftly in response to new mandates;
- digital compliance systems – invest in digital platforms that enable automated SDS updates, reducing the time and cost associated with manual compliance processes;
- localised training – implement targeted training for compliance staff on regional GHS requirements, particularly in areas with unique adaptations; and
- transparency planning – prepare for increased transparency expectations by establishing clear procedures for chemical disclosures, especially for proprietary formulas.

Conclusion

As GHS and SDS regulations continue to evolve, staying informed of these changes is essential for regulatory compliance and chemical safety. The past three years have seen significant updates across the globe, with regions moving towards more stringent standards and broader classifications. The coming years will likely bring continued harmonisation efforts, with added complexities in digitalisation, transparency and environmental standards. Regulatory analysts have a critical role in not only maintaining compliance with current regulations but also anticipating and preparing for future trends that will shape the global regulatory landscape.

By proactively adapting to these regulatory shifts, companies can minimise compliance risks and contribute to safer, more sustainable chemical management practices on a global scale.



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What can the textiles sector expect from the EU in 2025?

In this Chemical Watch News & Insight article, first published in November 2024, Stacey Bowers asks what apparel and footwear companies should look out for now that the EU's Ecodesign for Sustainable Products Regulation, will establish new requirements for virtually all physical products

The EU's Ecodesign for Sustainable Products Regulation (ESPR), which entered into force on 18 July 2024, is considered the cornerstone of the European Commission's approach to environmentally sustainable and circular products.

The ESPR is a framework legislation, meaning that precise rules for specific products will be rolled out progressively.

The regulation replaced the 2009 Ecodesign Directive, extending its scope beyond energy-related products (eg appliances, lamps and

lighting, and heating, ventilation, air-conditioning and refrigeration equipment) to virtually all physical products, including textiles.

The regulation lists textiles, particularly garments and footwear, as priorities. From 19 April 2025, the commission must adopt, and regularly update, working plans and ecodesign requirements for these priority areas. The commission has clarified that it will focus on garments but consider textile products also.



Ecodesign requirements for textiles

Annex I of the regulation provides hints as to the kinds of ecodesign requirements likely to be introduced for the textiles sector. These include:

- durability and reliability;
- design for recycling, ease and quality of recycling;
- use of substances (in particular substances of concern) during the production process or leading to their presence in products (including once those products become waste) and their impacts on human health and the environment;
- use or consumption of energy, water and other resources in one or more lifecycle stages;
- the product’s environmental, carbon and material footprints; and
- microplastic and nanoplastic release during relevant product lifecycle stages, including manufacturing, transport, use and end-of-life.

Product-specific rules will be developed via an iterative process that will include preparatory studies, impact assessments and various stakeholder consultations, and could last several years. Once the measures enter into force, economic operators will typically have at least 18 months before compliance is mandatory.

EU Ecolabel Regulation for textiles and footwear

A September 2024 FAQ from the European Commission advises that, to the extent possible, ESPR requirements and EU Ecolabel criteria will be developed in parallel, in order to ensure complementarity.

Under the voluntary EU Ecolabel Regulation, the Ecolabel may be awarded to products and services that have a lower environmental impact than other products in the same group. The label criteria were devised using scientific data on the whole of a product’s lifecycle, from product development to disposal.

The Ecolabel for textile products covers various textile product groups, such as textile clothing and accessories, interior textiles, fibres, yarn, fabric and knitted panels.

The requirements were established in Decision 2014/350/EU and are intended to guarantee more sustainable fibre production, a less polluting production process, strict restrictions on the use of hazardous substances (such as formaldehyde, extractable heavy metals, phthalates and aromatic amines) and a long-lasting final product.

While Decision 2014/350/EU was enacted in 2014 and therefore predates the recent furore over PFAS, it prohibits the use of fluorinated water, and stain and oil repellent treatments including perfluorinated and polyfluorinated treatments.

The EU Ecolabel for footwear covers all types of infants, children’s and adult footwear.

The requirements were established in Decision (EU) 2016/1349 and are intended to guarantee the sustainable management of natural origin raw materials, reduced pollution in production processes, a



minimised use of hazardous substances such as flame retardants, organotin substances, phthalates, extractable heavy metals and formaldehyde, and products that are tested for durability.

The Ecolabel for footwear restricts the use of fluorinated water, stain and oil repellent treatments, including perfluorinated and polyfluorinated treatments, for footwear impregnation.

Further, it specifies that fluoropolymer membranes and laminates may be used for footwear only if the required water penetration of the material is lower than 0.2g and the water absorption is lower than 30% according to ISO 20347. Fluoropolymer membranes may not be manufactured using PFOA or any of its higher homologues as defined by the OECD.

Digital product passport for textiles

The ESPR also introduced a new digital product passport (DPP) – a digital identity card for products, components and materials to store relevant information on their sustainability, circularity and regulatory compliance.

Information to be included in the DPP will be identified by the Commission, in close consultation with stakeholders, and will depend on the specific product in question. Of relevance to textiles, this may include:

- technical performance;
- materials and their origins;

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- recycling capabilities; and
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The Commission's 2024 FAQ indicates that DPPs must include whether the EU Ecolabel has been awarded to the product in line with the Commission's guidelines and requirements and that all substances of concern present in a product will have to be tracked by default, with information on those substances included in the DPP.

Further, the FAQ discusses the Commission's collaborative initiative for a standards-based digital product passport (CIRPASS), an 18-month initiative that prepared the ground for the gradual piloting and deployment of DPPs and developed roadmaps for prototypes in three value chains, including textiles. The initiative concluded in March this year.

The CIRPASS-2 initiative will now demonstrate functioning of DPPs in real settings through circular pilot deployments and use cases in products. Learnings from these pilots are anticipated to provide valuable insights for different stakeholders.

Ban on destruction of unsold textiles/footwear

Finally, the regulation establishes a ban on the destruction of unsold textiles and footwear, which is seen as a widespread environmental problem across the EU due to the rapid growth of online sales, high production volumes and short use phase of textiles.

The Commission has indicated that the first rules on the destruction of unsold consumer products will be adopted within 2025. They will

set a reporting format for transparency requirements and define relevant exemptions to the ban.

Textiles collection and EPR in the EU

Beyond the ESPR, EU member states are also required to set up separate collection of textiles by 1 January 2025 under the EU's amended Waste Framework Directive.

In a briefing in May 2024, the European Environment Agency (EEA) indicated it is mandatory to collect textiles separately in more than half of the 27 member states, but that such initiatives mostly capture reusable textiles.

The Commission has also proposed mandatory and harmonised extended producer responsibility (EPR) for textiles in the EU. However, the EEA noted that large amounts of used textiles are exported from the countries of collection to third countries in Africa and Asia, generating barriers to effectively implementing EPR.

At time of writing, only France, Hungary, the Netherlands and Croatia require mandatory textiles EPR, with Belgium's Flanders region employing a voluntary scheme.

The EEA has also called for a transition to an "ultimate producer responsibility (UPR)" model, wherein high product traceability from exporting to importing countries can improve accountability for product producers and distributors.



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How ECHA is tackling the resource challenge

In this Chemical Watch News & Insight article, first published in May 2025, ECHA executive director Sharon McGuinness (pictured below) tells Luke Buxton how new staff, fresh targets and a refocusing of priorities are being deployed to address the agency's growing responsibilities

By the end of this year, the European Commission is expected to finally deliver two major commitments set out in its chemicals strategy from 2020: the proposals for the controversial REACH revision, and the ECHA Basic Regulation.

The former could mean more legislative responsibilities for ECHA, while the latter could give it greater flexibility to manage resources, better enabling executive director Sharon McGuinness to navigate the agency's expanding portfolio.

In the meantime, the legislative package known under the name of 'one substance, one assessment' is progressing towards potential adoption this year, including several new or updated tasks for ECHA.

The publication in April of ECHA's annual report on its activities in 2024 coincided with the final high-level talks between member

states and the European Commission on the EU executive's latest plans for the REACH revision, which could mean extra tasks for ECHA once the legislative proposal becomes law.

In addition to its ongoing work on REACH and the CLP, biocides and PIC regulations, during 2024 ECHA began implementing legislative tasks concerning drinking water, batteries, serious cross border threats to health, and industrial emissions.

Meanwhile, in anticipation of the publication of the revised CLP Regulation, the agency updated and published tools and guidance on the criteria for new hazard classes. The universal PFAS restriction proposal has also taken up a significant portion of agency work – and will continue to do so.



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New tasks

Looking ahead, McGuinness says of the agency's upcoming additional work: "Overall, we are already ramping up or potentially getting about 12 new tasks that are assigned generally to new pieces of legislation, some of which are more detailed than others. Sometimes it's a task within [that specific] legislation and sometimes it's across legislation – for example, the common data platform."

The 12 new tasks relate to a number of legislative items (see box 1). "Some of the tasks in the new legislation are smaller in scale, so we are cautiously confident that they can be easily taken on board. Some are more complicated," says McGuinness.

Given that the agency's heavy workload has already led to some backlogs, how will it manage with the "more complicated" tasks to come?

McGuinness, who has led ECHA since the end of 2022, says that the agency will hire 47 people "in the coming two to three years [...] as the legislation arrives or as it evolves", but she cautioned that while these new resources are welcomed, the change will not amount to an overnight fix.

"Even when the resources are coming, there are challenges because [there will be times where] we can't recruit [...] until implementation starts and the legislation is in place. So we have to work internally to be ready to drop [some tasks] and start [others]. And we just have to make sure that we have a lot of engagement with stakeholders to be able to work with them and to understand their needs."

On a more positive note, McGuinness says the agency can use "the synergies of previous roles and tasks that we've had. For several of the new tasks there is no need to invent a whole new way of working." However, she notes, ECHA's new role with drinking water legislation "is a whole new process for us".

Committee crunch

In recent comments to Chemical Watch News & Insight, ECHA said it had to "rebalance" the work of its risk assessment and socio-economic analysis committees (RAC and SEAC) due to the rising number of responsibilities.

ECHA's annual report for 2024 acknowledged a growing member state focus on ensuring capacity for its committees. However, even with that growing focus, membership capacity at RAC and SEAC was running at 80% and 55% respectively by December.

ECHA has estimated its capacity to deliver up to a maximum of 40 opinions in 2025 and in the following years.

Meanwhile the number of compliance check draft decisions expected to be undertaken in 2025, and the number of final decisions expected to be made, are down by 20% on 2024.

Box 1: New legislative items falling under ECHA

- Drinking Water Directive
- Serious Cross-border Threats to Health Regulation
- Batteries Regulation
- Industrial Emissions Directive (IED)
- Packaging and Packing Waste Regulation (PPWR)
- Toy Safety Regulation
- Regulation for a Common Data Platform for Chemicals
- RoHS Directive
- Medical Devices Regulation (MDR)
- POPs Regulation (additional task on POPs in waste)
- End-of-life Vehicles (ELV) Directive
- Surface Water, Groundwater, and Environmental Quality Standards (EQS) Directives

On paper this has meant lowering the regulatory work targets for 2025, as laid out in ECHA's work programme. After having adopted and delivered to the European Commission 58 opinions on applications for authorisation and review reports in 2023, and 55 in 2024,

The targets for restriction dossiers and investigation reports, as well as screening reports for substances under article 69(2), have halved (to four) since 2023. And the 2025 target for RAC and SEAC opinions on restriction proposals delivered to the Commission is set at zero, compared with one in 2024, and five the year before.

ECHA has been taking steps to address the issue (see box 2).

Bigger picture

ECHA says the main reason for these diminished targets is work on two major projects falling under its 2018-2023 strategic plan: the Integrated Regulatory Strategy (IRS), which sought to map the 'chemicals universe', and the Joint Evaluation Action Plan (JEAP). In 2024, the agency completed reviews of both projects. The findings and recommendations arising from these will inform future focus on risk management activities.

McGuinness says JEAP was a "huge effort and initiative" in which the agency produced 300 compliance checks a year. "In essence, the priority was to do all the checks," she says. And now the priority after five years, as the data comes in, is to do the follow-up. "We have to make sure the data is sufficient [so] we can close off the file."

"Let's be clear, dossier evaluation, follow-up and testing proposals were happening even though we were working on the compliance check, but over time there has been a buildup in those numbers because things are moving through the chain or haven't been done up until now."



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In January, ECHA published its *Single Programming Document 2025-2027*, which sets out in detail the agency's objectives, outputs and targets under certain legislative areas. The document shows compliance check numbers are falling, but targets in certain areas are rising, "so we are just shifting the emphasis in that regard. Over time the aim for us is to remove the backlog, and every effort has been made to do that."

McGuinness adds that it is early days because the agency must still evaluate what it is assessing.

"The intention over the next strategic period would be to reduce the backlog and maintain the capacity and capability in dossier evaluation overall. We do our check, we do our follow-up, we do our testing proposals, and it becomes much more constant."

Now the wait for key EU chemicals strategy proposals to become a reality is almost over, will ECHA see a shift from a stretched agency to a more streamlined one? And will industry and other stakeholders get the predictability and stability they have been waiting for? Only time will tell.

Box 2: Member state assistance

One of ECHA's main strategic goals is to enhance collaboration with stakeholders, including member state authorities. A pressing need is to have the scientific committees at full strength, which will allow for swifter and more efficient processing of regulatory work.

The impending ECHA Basic Regulation would be "another means which should give us a bigger ability to fully resource committees", McGuinness says.

But in the meantime, the ECHA head has visited several member states over the last year in a bid to address the "challenging" resource deficit in that area and "help them identify the right types of candidates".

Member states understand their role and "really are doing their utmost to ensure they can nominate two experts for our committees".

Many national authorities that cannot nominate from their own pool of resources are now looking elsewhere within the country or to academic institutions to find experts, McGuinness says.

"They are all looking as broadly as possible now, which is a positive. We are also seeing different ways of nominating in member states, with [some] experts coming from outside the country [and working on behalf of the country]."

But numbers are only one thing. "We want as many people in the committee as we can, but [...] we need to make sure that members are equally capable of taking [the tasks] on."

With new tasks for drinking water legislation, for example, ECHA has already set up a RAC working group, which includes experts in the sector that member states have nominated.



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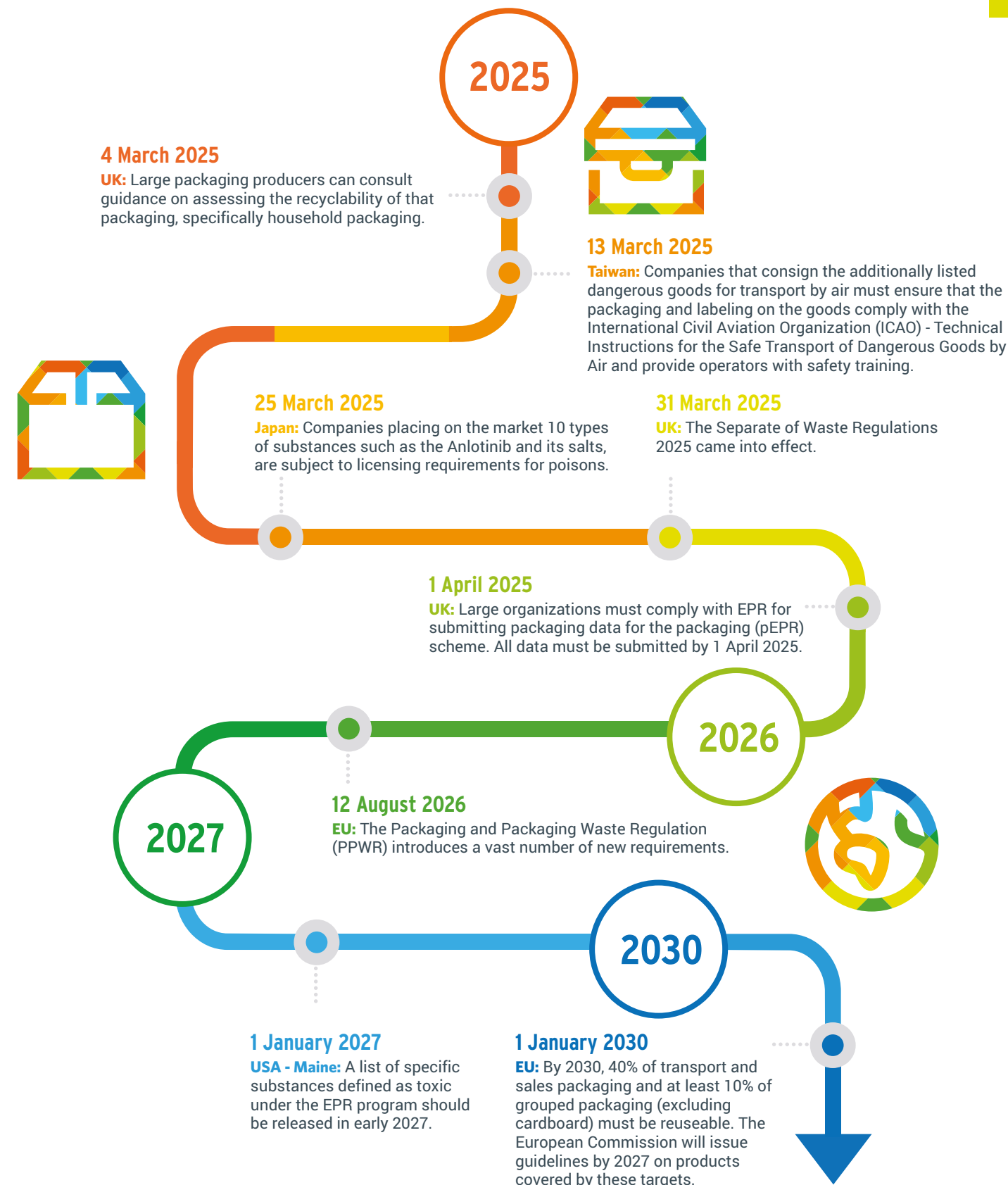
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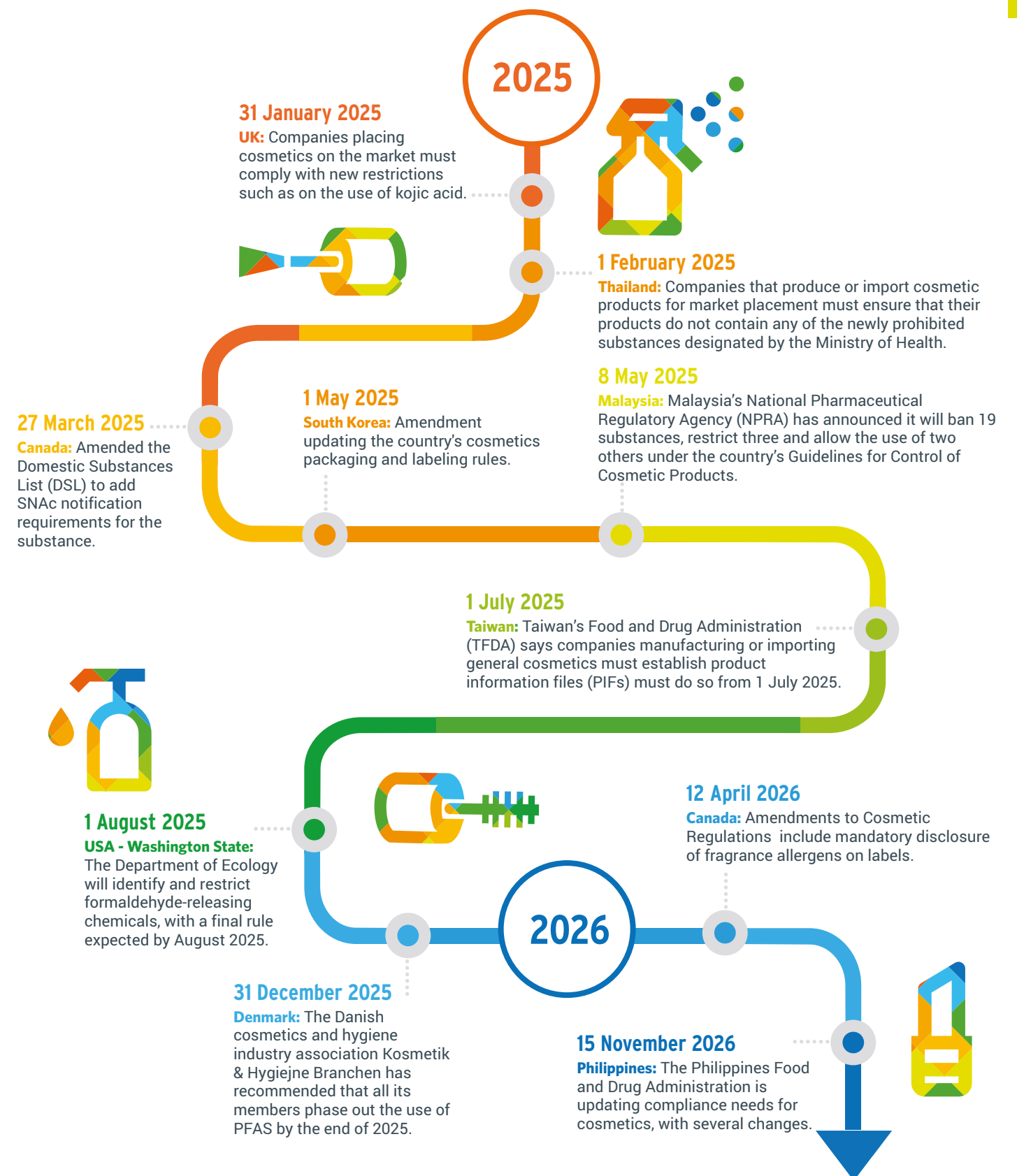
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Key dates for packaging regulations in 2025 and beyond



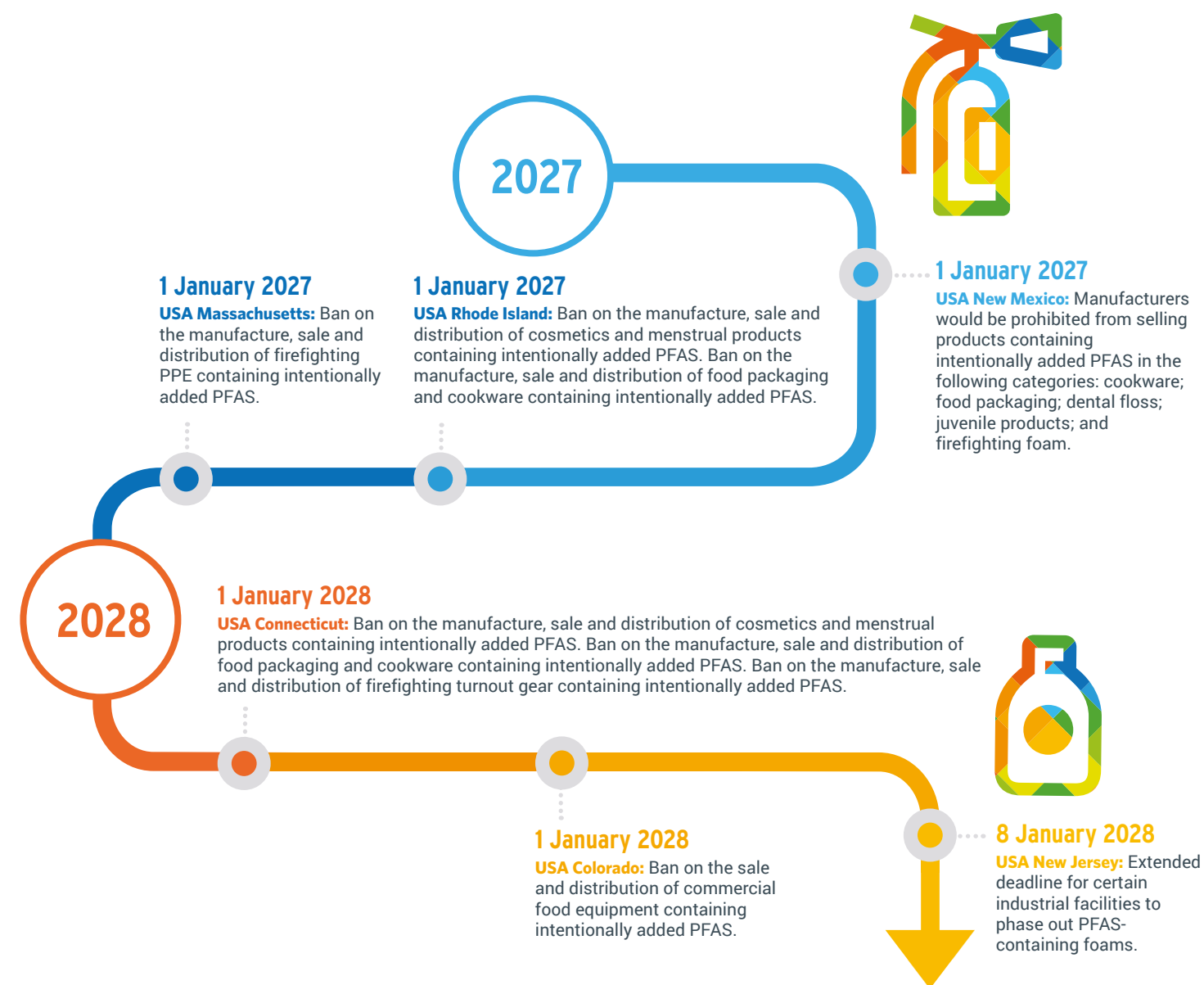
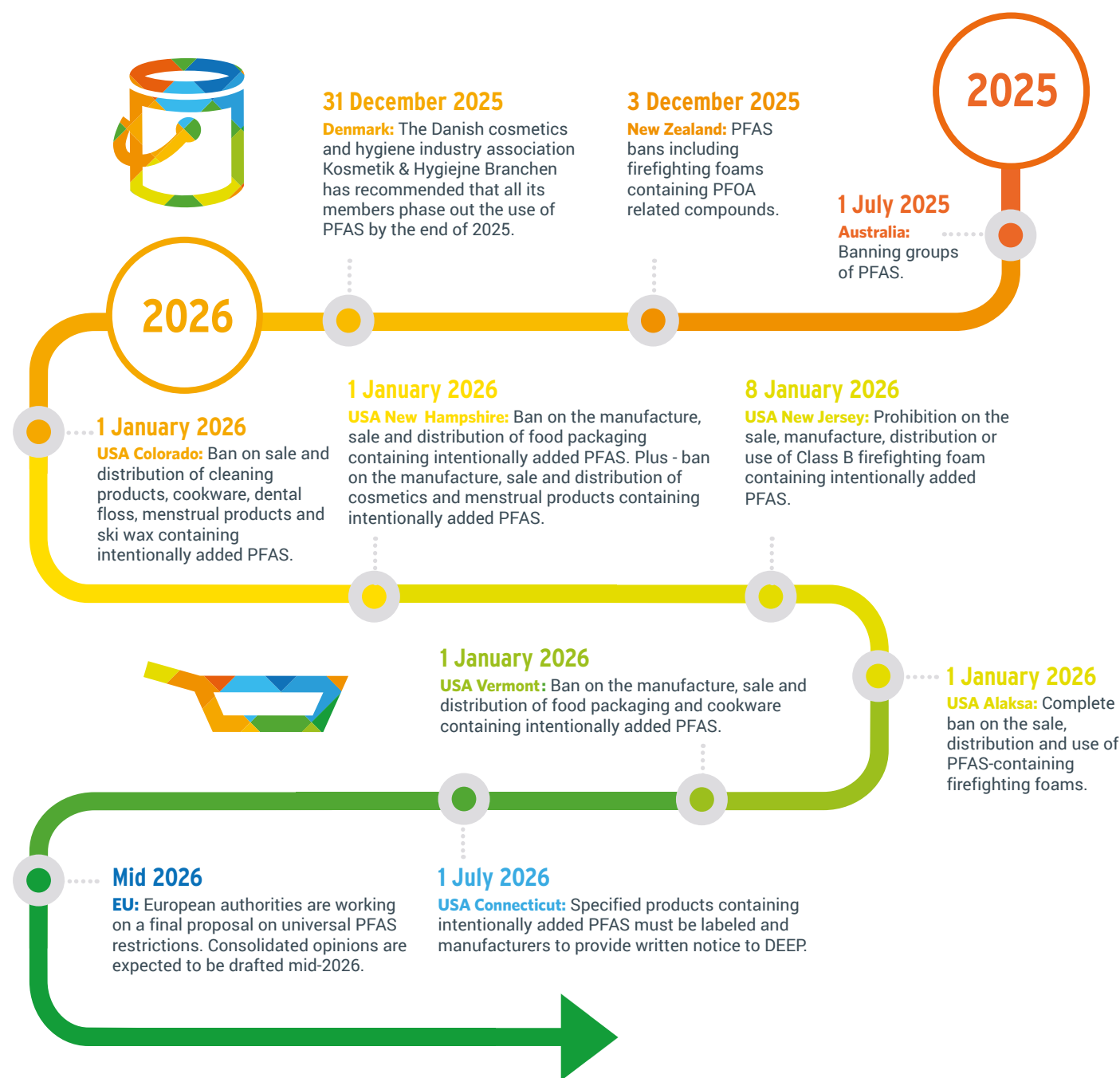
Dates correct at time of publication

Key dates to be aware of for cosmetic regulations 2025 and beyond



Dates correct at time of publication

Key dates for PFAS regulations in 2025 and beyond



Dates correct at time of publication

Contacts	
Website	www.actagroup.com
E-mail	lbergeson@actagroup.com
Head office	2200 Pennsylvania Avenue, NW, Suite 100W, Washington, DC 20037, USA
Tel/fax	+1 202 266 5020
Contact	lbergeson@actagroup.com
Directors	Lynn L Bergeson and Lisa M Campbell
Ownership	Private company, affiliated with: Bergeson & Campbell, PC, B&C® Consortia Management, LLC
Locations	Washington DC, Manchester, UK; Brussels, Belgium
Founded	2000

Overview

The Acta Group (Acta®) is a leading international consulting firm focusing on chemical product approval, compliance support, business strategy development and implementation, and regulatory defence, providing a full-range of support for the processes of developing, commercialising, and sustaining industrial and specialty chemicals, biocides, cosmetics, metals, food contact chemicals, products of biotechnology, and nanotechnology.

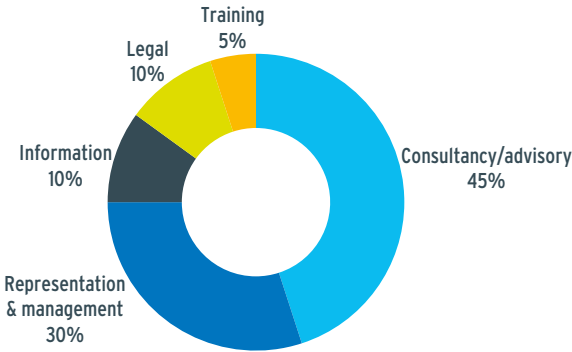
Acta professionals are scientists, lawyers, and business and regulatory consultants. This combination and our wealth of experience in and out of laboratories, global chemical companies, and government agencies make Acta an exceptional resource for companies in the chemical space.

Acta maintains offices in the US, the UK, and Europe, and offers expertise with regulatory programmes and chemical product approvals in North America, Europe, UK, the Eurasian Economic Union (EAEU), South and Central America, Asia, the Middle East, and the Pacific Rim.

Vital statistics

No of offices	3
No of countries represented	>25
Staff: group	35+
Staff: chemical service provision	35+

Service area breakdown



Global offices

US: 2200 Pennsylvania Avenue NW, Suite 100W, Washington, D.C. 20037
Tel: 202-266-5020
UK: 26 Cross Street, Manchester, M2 7AQ, UK, Tel: +44 (0) 330 223 0610
EU: Place du Luxembourg 2, 1050 Brussels, Belgium, Tel +32 2 588 48 85
Acta has affiliates in: Shanghai and Guangzhou, China; Seoul, South Korea; Istanbul, Turkey; and Eurasia.

Services provided

General consulting services

We counsel global business entities, trade associations and industry associations. Our fundamental goals are to solve our clients' existing problems and minimise future difficulties to assist them in achieving their regulatory and business goals. We take a multidisciplinary approach in assisting our clients. Attention must be paid to various regulatory and scientific nuances and the interplay of all branches of government and interest groups.

Our extensive national, regional and international expertise on chemicals policy and regulatory matters, combined with our global partnerships, positions us perfectly to strategically manage the worldwide needs of our clients and industry with expert judgement, creativity and efficiency.

Acta's general consulting services cover virtually all jurisdictions and types of chemicals. We offer unparalleled technical, regulatory, scientific and legal support under a wide range of global chemical programmes, including the US Toxic Substances Control Act (TSCA) and Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), EU REACH Regulation, UK REACH Regulation, Biocidal Products Regulation (BPR), South Korean REACH (K-REACH), Turkey REACH (KKDIK) and Eurasia REACH.

Our general consulting services cover a wide array of activities to support our clients, including regulatory interpretation, strategic support and persuasive advocacy for wide-ranging issues.

Global product registration and agent services (representative services)

Acta offers a range of 'hands-on' practical compliance services, with Acta (alone or in concert with trusted global partners) serving as an agent or representative under the relevant regulatory framework. These services include chemical product notification, registration and technical defence under global chemical programmes, including UK REACH, EU REACH, EU BPR, the UN Globally Harmonized System (GHS) of classification and labelling of chemicals, TSCA, FIFRA, K-REACH, KKDIK, China REACH and Eurasia REACH. Acta is a global market leader in providing expert, seamless only representative (OR) services under EU REACH, UK REACH and similar global programmes. Acta remains heavily engaged in managing post-2018 EU REACH compliance (eg dossier evaluation, new registrations) and providing OR services under K-REACH and KKDIK. Acta's 'boots on the ground' in Manchester, UK, are valuable assets to our clients.

We are optimally positioned to provide expert representative services under new chemical laws in the UK including UK REACH. Our clients benefit from our strategic planning, presence in various locations, and assurances of uninterrupted compliance in the UK, Europe and beyond. Acta's expert knowledge of KKDIK, the Turkish Classification, Labelling, and Packaging (CLP) Regulation, and the Turkish Safety Data Sheet (SDS) Regulation, coupled with our strong ties to a trusted business partner and OR in Turkey, allows Acta to assist the global chemicals industry in managing compliance under the important KKDIK registration deadlines. Similarly, Acta clients seeking South Korean regulatory support benefit from our in-depth knowledge and ability to provide superior representative services.

Acta focuses on obtaining, maintaining and supporting product approvals and efficiently overcoming commercial or regulatory impediments to the successful and profitable marketing of approved products. Jurisdictions we are active in are: North and South America, EEA, UK, Switzerland, Turkey, EAEU, Australia and New Zealand, Malaysia, China, Japan, South Korea, Taiwan, Philippines, Singapore and Indonesia.

Data compensation and competition support services

Acta is engaged extensively in worldwide data compensation matters under a wide range of chemical regulatory frameworks, including EU REACH and Australia's National Industrial Chemicals Notification and Assessment Scheme (NICNAS). Acta's regulatory and legal personnel have an in-depth understanding of applicable rules and guidelines, and support clients in managing data sharing, maintaining compliance, and optimising data compensation.

Our activities include developing letter of access costs, managing cost negotiations and supporting clients in resolving disputes.

Many clients are evaluating and pursuing competition-related issues. Acta is well-positioned to assist companies in understanding applicable rules and achieving fair and favourable outcomes. We are actively involved in attempts to resolve competition-related disputes under EU REACH. While amicable resolution is typically beneficial, it is not always possible. Acta provides strategic and practical support for competition- and data-related mediation, arbitration, and litigation.

We are the industry experts in managing challenging and contentious data compensation- and competition-related matters and are heavily engaged in these practice areas.

Technical document preparation activities – hazard, exposure and risk assessment

We undertake the appropriate analysis, document preparation, and coordination to support registration and post-registration activities under global chemical regulatory regimes (ie chemical substance dossier preparation, exposure assessments, hazard assessments, specific effect assessments).

GHS, CLP services

Acta offers comprehensive global services, including substance classification-related support, SDS preparation/review, label formulation/review, and guidance on strategic approaches to GHS adaptations. Tailored training programmes are also available.

Regulatory training

The TSCA Tutor® and FIFRA Tutor® training platforms provide live in-person training at a company's site, live webinar training, and on-demand online training modules – all designed to offer expert, efficient, and essential TSCA and FIFRA training. Companies can mix and match training modules and training approaches to provide the most suitable combination for their work needs. Visit our TSCA Tutor (www.TSCATutor.com), and FIFRA Tutor (www.FifraTutor.com) web pages for more information.

Partners

B&C® Consortia Management, LLC. Bergeson & Campbell, PC.

Clients

Acta's clients are involved in many businesses, including basic, specialty, agricultural and antimicrobial chemicals; biotechnology, nanotechnology and emerging transformative technologies; medical devices and diagnostic products; fibres; paints and coatings; plastic products; and chemical manufacturing, formulation, distribution and consumer product sectors

Case study 1

Chemical registration and regulatory support

Acta assists clients across a wide range of industry sectors with pre-registrations, new and existing substance notifications, and registrations in South Korea, China and Taiwan. Expert resources develop registration and notification strategies for businesses seeking to launch new products or to expand into new regions. Acta support services include robust study summary review and preparation, guidance on testing for data requirements, and OR, third party representative or agent appointment. Acta advocates, on behalf of its clients, with regulatory bodies against unnecessary, and often costly, animal testing. Acta closely monitors the region for changes and is equipped to support clients with complex regulatory challenges in a dynamic and ever-changing regulatory environment.

Case study 2

Lead registrant support

Acta serves as lead registrant under EU REACH for an important substance globally, as OR on behalf of a non-EU manufacturer. The joint registration for the substance has multiple co-registrants and numerous issues, including a lead registrant dispute, challenging data compensation matters, confidential business information issues, lead member collaboration and substance

evaluation. Acta continues to successfully manage the registration for the substance, engaging in various important activities, including strategic planning, advocacy, legal review and negotiation, engagement of external service providers, cost reconciliation, downstream user support and coordination for substance evaluation. Acta's clients benefit from our efforts and are able to sell their products uninterruptedly across Europe.

Staff selection

Lynn L Bergeson – President

Ms Bergeson assists companies, a wide range of trade groups and ad hoc consortia on chemical-specific legislative, scientific and regulatory **matters**. **Ms** Bergeson's practice areas include TSCA, FIFRA, REACH and related international chemical notification, registration and strategic product defence, and product approval litigation matters.

Karin F Baron, MSPH – Director of Hazard Communication and International Registration Strategy

Ms Baron has significant experience leading hazard communication, industrial hygiene, and environmental health and safety (EHS) programmes for multinational chemical companies. Her primary areas of practice include hazard and risk assessment and communication, industrial hygiene and EHS programmes, US FDA regulations pertaining to food contact materials, GHS and SDS, and the transport of dangerous goods. She is certified by the Dangerous Goods Advisory Council.

Richard E Engler, PhD – Director of Chemistry

Prior to joining Acta Dr Engler worked as a senior staff scientist at the US Environmental Protection Agency. His expansive understanding of the specific challenges and opportunities TSCA presents for new chemistries and processes is a powerful asset for clients during regulatory review. Dr Engler assists clients in performing toxicological reviews, performing environmental fate modeling, and preparing scientific and test data for regulatory submission.

Emma Louise Jackson – Manager, REACH

Ms Jackson has more than a decade of experience in testing and regulatory compliance in the EU, the Americas and Asia. She offers particular expertise in worldwide chemical notifications, data analysis, preparing test plans, and managing to completion large and complex compliance projects quickly, cost-effectively and harmoniously across multiple jurisdictions.

Tiina A Lantto, PhD – Regulatory Scientist/Toxicologist

Dr Lantto's two decades of experience include serving as a regulatory science researcher and dossier evaluator with the European Chemicals Agency's (ECHA) Classification and Prioritisation Unit and Evaluation Unit, as a toxicologist for a global fragrance and flavour company, as a consultant to international chemical and petrochemical companies, and as a researcher and instructor at the University of Helsinki.

Max L Moseley, MSc – Regulatory Specialist

Mr Moseley assists clients in the UK, the EU, and worldwide with global chemical regulatory compliance. He offers clients particular expertise in green chemistry, sustainability, life cycle analysis, Greenhouse Gas Protocol Carbon Accounting standards, the objectives of the EU Chemicals Strategy for Sustainability (CSS), and corporate circularity and sustainability goals.

Karen L Lorusso – Regulatory Consultant

Ms Lorusso is a highly experienced product safety professional assisting clients with global hazard communication and regulatory compliance projects including classification and labeling of substances and mixtures, and preparing and submitting dossiers to support REACH, UK REACH, K-REACH and other chemical regulatory programmes.

Carolyn Wray – Regulatory Assistant

Ms Wray ensures contracts, data sharing agreements, and other regulatory documents are accurate and submitted timely to clients and government entities.



Contacts	
Website	www.apeiron-team.eu
E-mail	info@apeiron-team.eu
Head office	Berten Pilstraat 4, 2640 Mortsel, Belgium
Tel/fax	+32 3 808 20 67
Contact	Elke Van Asbroeck
Directors	Elke Van Asbroeck, Hiram Moerman, Tine Vandenbrouck
Ownership	Private company
Locations	Mortsel (Antwerp), Belgium
Founded	2009

Overview

Our mission is to guide our clients to sustainable, future-proof use of chemicals and business operations. Regulatory compliance is our point of departure. From there we go the extra mile to drive long-term improvement for human health and the environment, with added value for society. We do this by means of incremental improvements or, even better, by a step change.

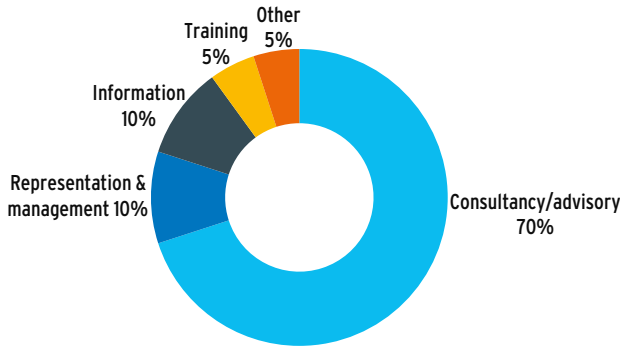
We are a highly motivated, multidisciplinary group of experts: (eco) toxicologists, chemists and engineers with industrial experience. As a team, together with a limited number of subcontractors with niche knowledge, we turn your project into a success. We provide specific expertise, while being able to act flexibly and maintain our client focus.

Vital statistics

2023/24

No of offices	1
No of countries represented	1
Staff: group	>15
Staff: chemical service provision	>15

Service area breakdown



Services provided

We assist our clients with the following: REACH, CLP, Biocides regulations, UK chemicals legislation, EU and national nano legislations, food contact, RoHS, waste legislation, sustainability goals amongst other developments in circular economy. Apeiron-Team provides tailor-made advice for a cost-efficient implementation of regulations, taking into account the global business strategy and required flexibility of the client. We assist clients in the development of chemicals management systems and product stewardship programmes.

Sustainability

- Product portfolio sustainability assessment
- Safe and sustainable by design
- Sustainable recycling
- Alternatives assessment
- Set-up of circular business models

REACH and CLP

Set-up REACH import/export strategy.

REACH registration dossiers from A to Z: substance identification, hazard assessment, study monitoring, exposure and risk assessment, evaluation of PBT and endocrine disrupting (ED) properties, integration of nano data.

Substance portfolio management: fully outsourced management of REACH registrations including updates and tracking of regulatory position of registered chemicals.

REACH authorisation dossiers: strategy development, chemical safety assessment, analysis of alternatives, socio-economic analysis, supply chain communication.

Other REACH topics: support during evaluation, support during Board of Appeal (BoA) cases, RMOA generation for individual companies or associations, DU-CSR generation, Annex XV dossier generation, representation of clients in consortia, position papers, set up of monitoring programmes (occupational hygiene), communication with authorities.

Biocides

Transitional regulation and BPR-related services: authorisation strategy development, transitional notifications/registrations, BPR biocidal products dossier generation including biocidal product family concept integration, data gap analysis, study monitoring, risk assessment, PAR generation, follow-up with authorities, technical equivalence dossier preparation, Article 95 listing, renewal dossiers (BP and AS).

UK chemicals legislation

Brexit-related chemical legislation: strategy definition, UK REACH, GB CLP GB BPR, only representative services.

Due diligence

- Audit programmes: compliance, system, supply chain, project, due diligence and SCC audit
- Merger and acquisition support
- Prepare and support during enforcement inspections

Out-of-the-box solutions

Expect the unexpected!

Clients

Our references are based in several industries and cover the entire supply chain from manufacturing to recycling: petrochemical industry, fine chemicals, toll manufacturing, food industry, polymer industry, refinery, tyre industry, pharma industry, textile industry and retail. Apeiron-Team provides support to regulators and authorities in the development of the regulatory framework for chemicals.

Testimonials

‘Apeiron-Team are professional and experienced, driven and engaged. With their expertise they translate the tangle of the REACH legislation into practical, concrete guidelines and actions.” *BP Chembel*

‘Apeiron-Team is a no-nonsense company delivering their services on time, in full and in budget.” *Monument Chemical*

“For us, Apeiron-Team distinguish themselves from other excellent consultants because they are able to think further in the benefit of the company together with us. We consider them as one of us.” *Christeyns*

“During the process of authorisation, Apeiron confirmed numerous times that our choice for them as partner was right. The work delivered exceeded our

expectations. Not only have I never experienced such a pro-active consultancy so far in my business life, but they deliver excellent and high-quality work.They are approachable at any time and pick things up even before we realised it is needed. In addition, Apeiron has an almost unrivalled network of contacts to almost every import person in this line of business.” *Vlisco*

Corporate developments and achievements

2009	Apeiron-Team NV was founded
2010	Gradual development of all REACH-related aspects from registration to authorisation. Resulting in >100 registration dossiers and the first authorisation applications
2013	Addition of biocides-related services to our portfolio
2014	Development of a standard approach for application for authorisation used in several chromates, TCE and other application dossiers Submission of various Union authorisations under the BPR Successful conclusion of a BoA case on additional persistence testing Development of an inhouse RMOA methodology. Successful submission of >150 registration dossiers for the 2018 deadline
2018	Development of regulatory support for circular economy based business models
2019	Ten years of Apeiron-Team Managing outsourced REACH registrations for more than 400 substances. Development of more than five authorisation dossiers
2022 onwards	Focus on supporting companies to achieve their sustainability goals and develop future-proof businesses. On the one hand by supporting companies to set-up circular business flows, on the other hand through identification of SVHCs and alternative assessments

Accreditations

European registered toxicologists (ERT). Environmental advisor (Milieu Coordinator).

Partners

Burgess Regulatory Services Ltd, The Economics Interface, eftec, Jongerius Consult, Vander Straeten Consulting Services, VIB fabriek.

Case study 1

REACH authorisation application - from strategic support to dossier generation

Apeiron has developed a standardised approach to developing authorisation applications. This approach covers single and multiple sites cases and has been used in several successful applications. The approach is structured and strongly project driven allowing a cost and time-efficient development of applications. The expectations towards the applicants are clear and agreed in function of resource availability of the applicant.

In collaboration with the applicant, the strategy for the application is developed at the start of the project. Guidance is provided to the applicant on the required data including exposure/emission monitoring and socio-economic data. Alternatives are scrutinised and development plans are thoroughly justified on timing and relevance.

The application dossiers are subject to a specific QC in order to assure a consistent, complete and transparent application file allowing correct opinion and decision making by the authorities. In all cases, this has resulted in a granted authorisation period equal to the requested period.

Case study 2

Overcoming regulatory hurdles in the circular economy

Several companies have approached us on overcoming the regulatory hurdles to implementing circular economy-based business models. While safeguarding the principles of safe chemicals management, strategies are developed with the clients to comply with the chemical regulations in a cost-effective manner. Business models in circular economy are often not considered in the legislation.

Apeiron-Team supports its customers in discussions with the authorities to find solutions. Apeiron-Team has advised successfully on cases in the recycling of industrial goods and consumer goods.

Case study 3

Board of appeal case on PBT

Apeiron-Team, on behalf of its client and together with its legal partner Steptoe & Johnson, challenged the request for additional P testing in the context of substance evaluation, before the ECHA Board of Appeal (BoA). The case was defended and won on the basis of lack of proportionality. This was the first PBT case won by the appellant and the first in which the BoA decided in favour of the appellant in a case of scientific uncertainty.

Explorative science with unclear interpretation as requested by the member state was avoided in favour of scientifically proven testing methods. The case showed that a close collaboration of technical-scientific and legal support results in a strong defence of substances.

Case study 4

Union authorisation of a biocidal product family

A Union authorisation dossier for a biocidal product application was prepared based on the biocidal product family (BPF) concept. This was within product type 4. The composed biocidal product family, and its meta-SPCs, was evaluated in detail together with the client to ensure that the different criteria of a BPF were fulfilled.

A detailed data-gap analysis was performed taking into account the data that was available and previously submitted under the BPD and the new data requirements stipulated in the BPR. All available and new information was integrated into IUCLID and a draft risk assessment covering the complete BPF was generated. Apeiron actively defended the dossier with the authorities and during working group meetings at ECHA. As such, a positive final commission decision for one of the first submitted Union dossiers was received.

Staff selection

Elke Van Asbroeck - (Bio-) Chemical Engineer

Polymer science; regulatory business strategy; sustainable chemicals management; circular economy and due diligence.

Hiram Moerman - Chemical Engineer

Previously in polymer industry; REACH authorisation; alternative assessment; risk management option analysis; sustainable chemicals management and circular economy.

Tine Vandenbrouck (ERT) - Ecotoxicologist and Risk Assessor (PhD)

Biocidal product strategies and registrations; REACH registration and authorisation; exposure estimation and modelling; UK chemicals legislation; specialised in mixture effects.

Contacts	
Website	www.arcadis.com
E-mail	PSSinfo@arcadis.com
Head office	Gustav Mahlerplein 97-103, 1082 MS Amsterdam PO Box 7895, 1008 AB Amsterdam, The Netherlands
Contact	Europe: maaike.bilau@arcadis.com +32 492 73 0489 North America: christina.clements@arcadis.com +1 302 584 5999
Directors	Alan Brookes (CEO)
Ownership	Public company
Locations	350+
Founded	1888

Overview

Arcadis exists to find solutions to pressing challenges, improving quality of life for people around the world. You can see this in the work we do for clients, the opportunities we create for our people and in our efforts to enhance the communities within which we live and work. Arcadis works in partnership with its clients to deliver exceptional and sustainable outcomes.

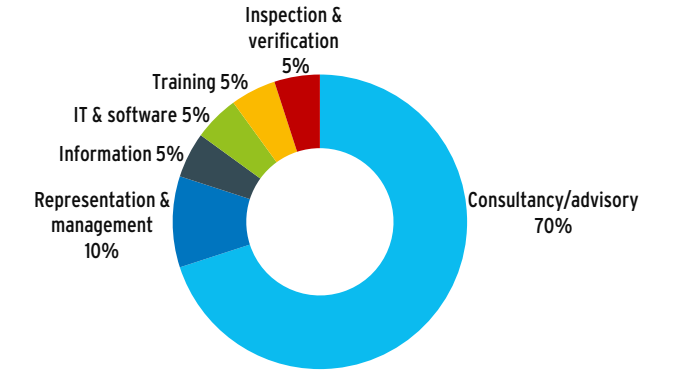
Arcadis differentiates through its passionate people and its combination of capabilities covering the whole asset lifecycle, its deep market sector insights, and its ability to integrate health, safety and sustainability into the design and delivery of solutions globally.

Vital statistics

2023/24

Turnover: group	€4bn
Turnover: chemical service provision	€10m
No of offices	250+
No of countries represented	30+
Staff: group	36,500+
Staff: chemical service provision	75+

Service area breakdown



Global offices

Key offices for Product Stewardship and Sustainability support: Belgium, Germany, Spain, US, UK.

Services provided

We help companies identify and manage their business risks, enabling them to market their products in a safe and sustainable way. We ensure

compliance and maximise the positive impact of your products. We guide you through diverse product sustainability assessment frameworks and solutions. We help manage cost reduction pressures while meeting your clients’ sustainability requirements.

Product stewardship and sustainability organisation and auditing

Strategy development and implementation, auditing, due diligence, and post-merger integration assistance. Product or portfolio sustainability or circularity roadmap.

Worldwide regulatory monitoring

Continuous regulatory tracking of changes in chemical, product, and sustainability related regulations. We help you anticipate the impacts of (new) legal requirements on your business.

Data management for product compliance

Evaluation of off-the-shelf data providers and data management solutions and the implementation of software solutions supporting product stewardship and sustainability, as well as EHS compliance and operational risk management.

Chemical risk assessment for dossier preparation

Improving REACH registration dossiers to align with latest requirements linked to nanoparticles, endocrine disrupting properties, mixture toxicity, etc by means of literature searches, updating testing strategies (including read-across, QSAR modelling, NAMs, expert statements). We support sample management, study monitoring, classification and labelling, PBT/ PMT and toxkin assessment, risk assessment; hazard communication; biocides authorisation, plant protection product authorisation (US FIFRA, (EC) 1107/2009).

Consortium management and only representative

General management with third party communication (SIEF, MS CA, ECHA); financial management with cost sharing /data sharing/LoA calculation; EU/ UK only representative.

Product value chain assessment

Includes product lifecycle environmental performance assessment (LCA/ PCF), Scope 3 accounting, CSRD and ESPR compliance guidance, circularity assessment, SSbD support and chemical substitution.

Agrochemical fate and exposure

Conduct of environmental and consumer safety field studies, aquatic and terrestrial modelling, risk assessment, spatial data analysis, environmental stewardship, and regulatory support for plant protection products.

Corporate developments and achievements

1888	Parent company, Heidemij, formed in the Netherlands
2002	Product stewardship Centre of Excellence (CoE) in North America
2006	Arcadis Belgium becomes a product stewardship CoE
2008	Arcadis acquires LFR Levine-Fricke in the US, a leader in the conduct of environmental safety field studies, to support the registration of plant protection products
2017	Arcadis acquires E2 ManageTech, the preeminent enterprise technology solutions firm providing IT and business services for the EHS information market in the US
2022	Arcadis acquires DPS Group creating a leading global position in consultancy, engineering and construction management for the life sciences and the semiconductor manufacturing market Arcadis acquires IBI Group creating the opportunity to leverage the global footprint and client base of both firms while adding significant scale in North America and a strong position in Canada Arcadis acquires Giftge Consult GmbH, strengthening its position in energy transition in Germany

Case study 1

Partnering in climate strategy and sustainable portfolio definition

Arcadis collaborated with a chemical company to tackle increasing customer demand for Product Carbon Footprint (PCF) reporting and the complexities of greenhouse gas (GHG) emissions accounting. Through a PCF calculation pilot, Arcadis helped define the client’s PCF deployment strategy. In addition, Arcadis is supporting Scope 3 GHG emissions accounting and reporting and gradually calculating PCFs across portfolio clusters. This partnership plays a key role in shaping the client’s climate strategy and is expanding to include sustainability assessments and disclosures, such as double materiality analysis (DMA).

Case study 2

Product Environmental Footprint (PEF) strategy

Arcadis has supported the development of a science-based, robust methodology to perform product carbon footprint and lifecycle environmental assessments. Product carbon footprinting was performed on products to improve/further develop a harmonised methodology. Arcadis can also provide technical expertise to ensure that sustainability strategy targets can be reflected in product environmental footprint assessments.

Case study 3

California Proposition 65 consulting and compliance support

Arcadis has assisted multiple clients in evaluating the compliance of their products with California’s Proposition 65 (Prop 65) requirements. Support included reviewing their portfolio of products, identifying product categories based on composition and toxicological considerations, developing analytics test plans for the products, coordinating analytical testing, developing exposure estimates, and comparing exposure estimates to Safe Harbor Levels (SHLs). Arcadis also develops provisional SHLs for substances that have not been assigned a SHL by regulatory authorities and tracks Prop 65 trends, such as those related to bisphenol A, phthalates, lead, and per- and polyalkyl substances (eg PEOA, PFOS).

Case study 4

Safety and sustainability assessment

Arcadis performs a safety and sustainability assessment of product portfolios: review of existing products against the changing scientific insights (endocrine disruptors, mixture toxicity), regulatory requirements or expectations in the value chain. Where needed, proactive dossier updates to include new information, or an assessment of alternatives is done to ensure business continuity.

Case study 5

TSCA and FIFRA compliance programme maturity evaluations

Arcadis has supported a wide range of clients in assessing the maturity of their compliance programmes and evaluating their adherence to relevant regulations and policies. This process involved identifying non-compliances and performance gaps. Building on these assessments, Arcadis crafted a comprehensive compliance roadmap that detailed the necessary steps to address these gaps and improve overall compliance. This plan was tailored to meet specific needs and challenges faced by each organisation, ensuring it was practical, achievable, and sustainable. To support this effort, Arcadis also developed written procedures, training materials, process flow diagrams, and RACI accountability matrices.

Furthermore, they assessed and scored the risks linked to the organisation’s chemical inventory, analysing potential impacts of various chemicals on human health, safety, and the environment, while identifying strategies to mitigate these risks.

Staff selection

Norm Forsberg, PhD – Principal Toxicologist

Norm has more than ten years’ experience as a toxicologist and risk assessor. He has designed and performed toxicology-based projects for a wide range of industrial clients and provided technical review for projects in which the critical evaluation of toxicological data is key. He routinely applies toxicological and risk assessment principles to support clients facing challenges related to compliance with California’s Proposition 65, EU REACH, TSCA, OSHA HazCom, and GHS.

Maaike Bilau, PhD – Senior Product Stewardship Consultant

Maaike has about 20 years’ experience in human health risk assessment of hazardous chemicals. She supports multinational companies with the development and implementation of product compliance strategies. She partners with clients and guides them when strategic decisions need to be taken and business impact is significant.

Andy Newcombe – Principal Environmental Scientist

Andy has more than 30 years’ techno-regulatory experience with multinational agrochemical and life science companies. He has extensive expertise in assessing and evaluating the environmental safety of agrochemicals and biopesticides. Andy has also represented agrochemical industry clients on environments fate issues associated with their products and has considerable experience in providing clients with litigation support services.

Jeanine Smith – Principal Life Scientist

Jeanine has more than 20 years’ environmental research and consulting experience that encompasses projects for industrial, commercial, and regulatory clients. Her technical training includes chemistry, biology, and risk assessment. Her training and experience uniquely qualify her to successfully complete due diligence assessments, remedial investigations, risk assessments, feasibility analyses, development of remedial alternatives, and preparation of remedial action plans. She has experience working within multi-disciplinary teams and complex risk assessment models to solve complex environmental site assessment, remediation and due diligence problems.

Chrystelle Verhoest – Senior Product Sustainability Consultant

After about 15 years in the energy sector, Chrystelle has joined Arcadis aiming to put her experience at the services of various industries. Chrystelle has a technical expertise background in bioenergy and biorefinery technologies, carbon capture use and storage (CCUS), circular economy, and carbon offsetting. She has operational experience in the implementation of supply chain due diligence and environmental and social governance.

Christina Clements – Principal Environmental Scientist

Christina has more than 25 years’ experience in EH&S as a regulatory compliance consultant and product stewardship professional with a proven track record of implementing product safety development strategies. She has a working knowledge of applicable regulatory guidelines across multiple industry sectors and jurisdictions in the areas of OSHA safety and health initiatives, GHS and EU CLR TSCA, FIFRA and import/export of chemicals and consumer products.

Nele Deleebeeck, PhD – Senior Environmental Risk Assessor

Nele has more than 15 years’ experience in metal risk assessment. She coordinates technical work related to environmental risk assessment of organic and inorganic compounds in view of the REACH regulation. She has been coordinating scientific work for the Rare Earth Consortium and the Mixed Oxides and Zirconium Oxides Consortium for almost 15 years. Nele is a European Registered Toxicologist (ERT) and has the Certificate of the International Board of Environmental Risk Assessors.

Contacts	
Website	www.arche-consulting.be
E-mail	info@arche-consulting.be
Head office	Liefkensstraat 35d, 9032 Gent-Wondelgem, Belgium, Tiensevest 132, 3000 Leuven, Belgium
Tel/fax	+32 9 216 70 38
Contact	Marnix Vangheluwe
Directors	Frederik Verdonck, Koen Oorts
Ownership	Private company
Locations	Gent and Leuven, Belgium
Founded	2009

Overview

ARCHE Consulting provides regulatory compliance and sustainability services for manufacturers and importers of chemicals, biocides, plant protection and fertiliser products. We have a strong track record of assisting our clients in navigating complex regulations, ensuring their chemicals and related products are safe, sustainable, and compliant.

Our strategic support enables you to confidently place your chemical products on the market and assess their sustainability. By delivering customised solutions and proactive guidance, we help you mitigate risks, accelerate product innovation, and advance your sustainability goals.

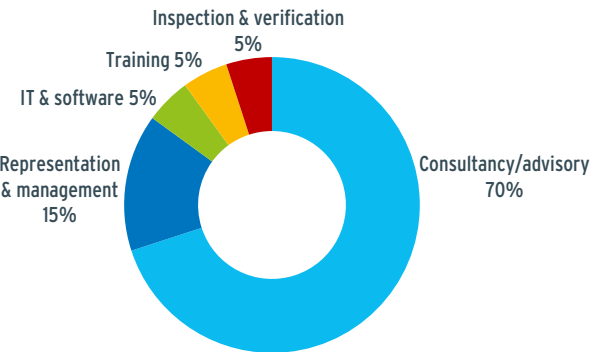
We create added value for our clients by linking research activities to daily risk assessment practises under various EU legislation.

Vital statistics

2023/24

No of offices	4
No of countries represented	3
Staff: group	43
Staff: chemical service provision	41

Service area breakdown



Services provided

REACH and CLP

Under the REACH Regulation, companies are responsible for assessing the risks of the chemicals they produce or import. Compliance with REACH is critical for businesses in the EU, as non-compliance can result in penalties and restricted market access. ARCHE Consulting specialises in high-quality risk assessments and supports companies with REACH registration and updates for both organic and inorganic substances, including UVCBs. We provide comprehensive chemical safety reports and exposure scenarios to demonstrate adequate control or acceptable risk. We are actively involved

in developing guidance and tools to facilitate REACH implementation. Additionally, ARCHE Consulting provides classification services for substances and mixtures under the CLP/GHS framework.

Biocides

The Biocidal Products Regulation (BPR) governs the market placement and use of biocidal products, which are used to protect humans, animals, materials or articles against harmful organisms. ARCHE Consulting offers a one-stop shop for the registration and renewal of biocidal products and active substances.

We have extensive expertise and a proven track record in delivering solutions to problems at all stages in the registration/review of biocides. Our services include dossier preparation, submission and follow-up, as well as consortium management, client representation in meetings with authorities, strategic advice, and training.

Plant health

The Plant Protection Products (PPP) Regulation sets out criteria and procedures for the approval of active substance and product authorisation. ARCHE Consulting assists clients in preparing and submitting active substance and product dossiers for EU-wide, zonal and national registrations.

Furthermore, we offer compliance services for the Fertilising Products Regulation (FPR), including registration of fertiliser and biostimulant constituents and assist with REACH registration of substances in fertilising products.

Sustainability

As a certified material health assessor, ARCHE Consulting helps businesses assess the sustainability and health of their products for certification under the Cradle-to-Cradle certified CM Products programme. In collaboration with our partner Ecomatters BV (www.ecomatters.nl), we provide services in product footprint (Life Cycle Assessment (LCA), Product Environmental Footprint (PEF), Environmental product Declaration (EPD)) and sustainability reporting (Corporate Sustainability Reporting Directive (CSRD), Double Materiality Assessment (DMA), Scope 1,2,3 calculations).

Local impact assessment

Effective ecosystem management is essential for sustainable resource use and environmental protection. ARCHE Consulting offers a range of services in this field, including toxicological and ecotoxicological monitoring and modelling (in water, air and soil), dilution characteristics modelling and environmental impact assessment of effluent discharges. We also specialise in PFAS impact assessments, covering toxicology, air, deposition, and water quality.

Drinking Water Directive

ARCHE Consulting assists companies in the process of preparing notifications and applications under the Drinking Water Directive. Our services include guiding clients through the documentation process and assessing the feasibility of joint submissions to streamline compliance efforts.

Integrated solutions

In addition to the services mentioned above, ARCHE Consulting offers integrated solutions across various chemical and environmental regulations. Our offerings include regulatory and sustainability strategy, portfolio screening and management, endocrine disruption assessments, innovation and research, and customised training and support tailored to your business needs.

Accreditations

- International Board of Environmental Risk Assessors (IBERA) Diplomates
- European Registered Toxicologists
- Certified Environmental Risk Assessor
- Certified Material Health Assessor (Cradle-to-Cradle)

Partners

Ecomatters BV. ECTX-Consulting. ROSC. Toxicological Consulting (Dr Daniel Bernard). REACHlaw. RPA (Risk & Policy Analysts Ltd). Fieldfisher. Fertiliser Consultants Network (FCN). Amelior. SETAC Europe. Ghent University. Cropfit.

Corporate developments and achievements

2009	Foundation of ARCHE (staff: six people), focused on regulatory compliance of chemicals
2010-2012	Expansion of the team to 16 people, with offices in Ghent and Leuven, and further development of services on biocides and agrochemicals
2013-2024	Expansion to a team of more than 43 people (including hires outside Belgium), and further development of the sustainability services
2025	Partnership with Ecomatters BV (www.ecomatters.nl) to strengthen sustainability services

Clients

Industrial clients and consortia related to the following chemical substances:

- metals including Ag, As, Bi, Cd, Co, Cu, Fe, Ga, Ge, Hg, In, Mg, Mo, Ni, Pb, Sb, Se, Sr, Te, Ti, V, W, Zn;
- organic compounds – chlorinated flame retardants, PFAS, organic acids, pharmaceutical intermediates;
- plasticisers, amines, plant protection products;
- complex materials – Cu slags, Ti slags;
- other inorganic substances – Ca, B, NaOH, KOH, sulphur dioxide-related substances (SO₂, sulphites, thiosulphates, dithionites), lime, nitric acid, phosphoric acid, nitrate salts; and
- biocide consortia: sodium chloride (active chlorine generated from NaCl by electrolysis), permethrin and in situ peracetic.

Testimonials

“We have worked with ARCHE Consulting on several environmental safety projects and would like to emphasise the great quality of their work. We have been very impressed with their delivery and ARCHE Consulting has shown themselves to be a very capable and effective partner. We would recommend working with ARCHE Consulting without hesitation.” *Amelie Ott, Environmental Science Manager, Cosmetics Europe*

“ARCHE Consulting played a key role in helping us to achieve our approval by ECHA as an art 95 listed supplier for geraniol in PT 18 and PT 19. They were always available, knowledgeable, thorough and were instrumental in guiding our responses and submissions to help insure the successful outcome. We look forward to maintaining an ongoing relationship for our future regulatory requirements with ARCHE Consulting.” *Antoine Birron, Director, TerpeneTech Ltd*

“IMOAs has worked for the last decade with the environmental scientists working at ARCHE Consulting, and they have proved for IMOAs/MoCon to be a very wise investment. We can therefore highly recommend ARCHE with regard to their technical expertise and knowledge on environmental issues (aquatic and terrestrial), organisation of research projects, and data interpretation.” *Sandra Carey, HSE Executive, International Molybdenum Association (IMOAs)*

More testimonials can be found at www.arche-consulting.be

Case study 1

Biocidal product family

ARCHE Consulting has successfully submitted more than 100 applications under the BPR, ranging from technical equivalence applications, over Union authorisations, BPR family applications, simplified authorisations to Article 95 applications and active substance renewals.

Case study 2

REACH registration dossiers

ARCHE Consulting has supported more than 450 REACH dossiers for individual companies and consortia. We cover organic and inorganic, mono- and multi-constituent substances as well as UVCBs. In addition, we have experience with different applications for authorisation (AfA) and have provided expert opinions on restriction dossiers proposed by various EU member states.

Case study 3

Cradle-to-Cradle certification

ARCHE Consulting has played a crucial role in generating more than 200 Cradle-to-Cradle Certified® certificates for companies. Our expertise in chemical risk assessment was instrumental in certifying the world’s first C2C Certified® Gold packaging. ARCHE Consulting provided valuable guidance on phasing out non-optimised chemicals and materials, ensuring that the certification process met the highest standards.

Staff selection

Frederik Verdonck – Managing Director

Frederik obtained his PhD degree in bioengineering on probabilistic risk assessment at Ghent University. At ARCHE Consulting, his main area of expertise comprises the implementation and application of statistical and modelling approaches in exposure, effects, and risk/safety assessment.

He is currently the leading expert in developing and implementing new tools in the field of exposure assessment. As a certified trainer, he also deals with training programmes on various REACH and BPR risk assessment topics.

Patrick Van Sprang – Director

Patrick graduated as Master of Science in Engineering (environmental technology) from Ghent University (1988). From 1994 to 2000 he led the aquatic ecotoxicology research group at Ghent University. Patrick is the main author of the environmental part of several risk assessments (eg Cu, Ni, Pb), contributed to the metal risk assessment guidance document (MERAG) and is an IBERA Diplomate in Environmental Risk Assessment.

He is currently leading ARCHE Consulting’s Sustainability team.

Marnix Vangheluwe – Director

Marnix holds a Master’s of Science in Engineering (biochemistry) from Hogeschool Gent (1989) and a Master’s in environmental sanitation from Ghent University (1991). From 1992 to 2000 he led the sediment ecotoxicology research group at Ghent University.

As Director of ARCHE Consulting, Marnix oversees the local impact assessment team, playing a pivotal role in numerous local risk assessments, with particular expertise in metals and PFAS. He is also the lead author of several guidance documents on metal risk assessments for the OECD, ECHA, OVAM and the metals industry.

An Vanden Bosch – Regulatory Affairs Manager

An holds a Master’s degree in BioScience Engineering (specialisation in biotechnology) and a PhD in Medical Sciences from Leuven University. Her doctoral research focused on the mechanisms of cell division in embryonic and bone development. With several years of experience in industry, she has developed in-depth expertise in regulatory affairs, human health risk assessments, environmental exposure modelling, and ecotoxicological risk assessment.

She is a certified European Registered Toxicologist (ERT) and an IBERA Diplomate in Environmental Risk Assessment. At ARCHE Consulting, she applies her regulatory and scientific expertise as a manager of biocides projects and consortia, assisting clients in complying with evolving regulatory frameworks.

Contacts	
Website	www.arrowregulatory.com
E-mail	info@arrowregulatory.com
Head office	6th Floor East West Building , 2 Tollhouse Hill, Nottingham, NG1 5FS, UK
Tel/fax	+44 1159352243
Contact	Dr Sara Kirkham/Dr Carlo Poncipe
Directors	Dr Sara Kirkham Dr Carlo Poncipe Elicia Hodgson Dr Joanna Ganatsiou (Austria)
Ownership	Limited company
Locations	UK, Ireland, Austria
Founded	May 2016 (UK), Oct 2017 (IE), Mar 2020 (AT)

Overview

Arrow Regulatory specialises in EU and GB chemical legislation, including the Biocidal Products Regulation (BPR), REACH, and CLP. With extensive experience in regulatory strategy, test programme design, dossier preparation, and risk assessment, the company delivers tailored, high-quality advice.

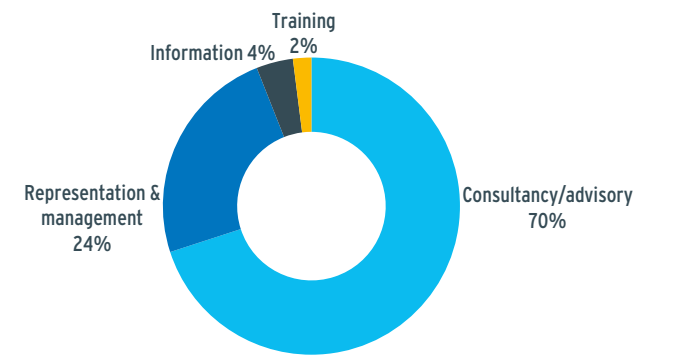
Arrow Regulatory has successfully collaborated with international consortia and global partners to secure chemical and biocide registrations worldwide. The team’s expertise includes more than 65 REACH lead dossiers, 128 active substance/PT combinations, 110 product or product family authorisations, and numerous active substance inclusion dossiers.

Committed to providing integrated, personalised services, Arrow Regulatory applies its comprehensive legislative knowledge to deliver effective solutions for clients of all sizes.

Vital statistics

No of offices	3
No of countries represented	3
Staff: group	12
Staff: chemical service provision	11

Service area breakdown



Global offices

United Kingdom (Nottingham). Ireland (Dublin). Austria (Innsbruck).

Services provided

Biocides

Arrow Regulatory’s wide experience in supporting active substances and biocidal products under the EU and GB Biocidal Product Regulations and globally, is your guarantee of a quality service.

Chemicals (REACH and CLP)

With offices in the UK, Republic of Ireland and Austria, Arrow Regulatory is well placed to assist with all aspects of EU/GB REACH.

Arrow Regulatory provides a comprehensive service to help you achieve compliance with the Classification, Labelling and Packaging (CLP) Regulations for the EU and GB.

Consortium management (REACH and Biocides)

At Arrow Regulatory, we have a long history of consortium management not only under the BPR for both active substance approval and product authorisation, but also in REACH.

EU and GB only representative

With offices in the UK, Republic of Ireland and Austria, Arrow Regulatory is well placed to assist with all aspects of EU/GB REACH and CLP.

Corporate developments and achievements

2016	Formation of Arrow Regulatory Limited in Nottingham, UK
2016-2024	Team expands to eleven consultants
2017	Formation of Arrow Regulatory (Ireland) Limited in Dublin, Ireland
2020	Formation of Arrow Regulatory GmbH in Innsbruck, Austria

Clients

Manufacturers, importers or downstream users of industrial chemicals, biocides, veterinary drugs, plant protection products or cosmetic ingredients.

Staff selection

Sara Kirkham, PhD

Sara, a Director at Arrow Regulatory, brings more than 20 years of expertise in biocides registration and regulatory compliance. She has successfully prepared more than 30 active substance dossiers for Union approval and biocidal product submissions under the Biocidal Products Directive (BPD), Biocidal Products Regulation (BPR), and various national regulatory schemes.

Sara’s extensive experience encompasses dossier preparation, risk assessments, and consortium management. She excels in developing regulatory strategies for biocides, designing robust testing programmes, and delivering tailored regulatory advice. Her contributions to the industry include active involvement in the development of new BPR guidance on disinfection by-products, in situ generation systems, and efficacy for PT 11 and PT 12.

Sara’s in-depth knowledge and strategic insight make her a trusted leader in the field of biocides regulation, ensuring compliance and facilitating successful outcomes for industry stakeholders.

Carlo Poncipe, PhD

Carlo, a Director at Arrow Regulatory, has more than 20 years’ regulatory expertise in biocides and industrial chemical registration. Since 2008, he has specialised in the EU REACH Regulation, offering comprehensive technical and administrative support to consortia. Carlo is skilled in preparing lead

registration dossiers in IUCLID, developing chemical safety reports using CHESAR, and utilising Tier II modelling as required.

Carlo also acts as a Third Party Representative (TPR) and has extensive experience fulfilling the role of an Only Representative. Beyond EU REACH, he supports GB-based companies in meeting UK REACH obligations and oversees the UK Only Representative service for non-GB companies.

With a strong background in regulatory compliance and strategic support, Carlo ensures that clients successfully navigate complex chemical and biocidal regulations.

Joanna Ganatsiou, PhD

Joanna, a Director of Arrow Regulatory GmbH has more than 15 years’ regulatory experience in biocides registration.

Professional consulting on technical and regulatory matters for biocides within the EU. Involved in the preparation of active substance dossiers under the BPD and biocidal product authorisations under the BPR and submissions of application under national schemes.

Experienced in providing regulatory strategies for biocides, including data gap analysis, intelligent testing strategies, devising product families, providing tailored regulatory advice and consortium management.

Juncal Caubilla-Barron, PhD

With more than 14 years’ consultancy experience in biocides within the EU and GB, Juncal specialises in technical, regulatory, and efficacy matters. She has extensive expertise in preparing active substance dossiers and securing biocidal product authorisations under the BPR.

Her prior industry experience includes microbiological roles with a global biocide manufacturer. She is adept at developing regulatory strategies, conducting data gap analyses, implementing intelligent testing, and devising product families. Skilled in client relations and regulatory authority liaison, she supports pre- and post-submission processes, ensuring tailored advice and successful outcomes.

Hannah Leach

Hannah is a highly experienced consultant specialising in technical and regulatory matters for biocides within the EU and GB, with more than 18 years’ expertise in preparing active substance dossiers, conducting risk assessments – including for in situ actives – and securing biocidal product authorisations under the BPD and BPR.

Proficient in developing regulatory strategies, performing data gap analyses, implementing intelligent testing strategies, and devising product families. Known for delivering tailored regulatory advice to meet complex compliance challenges and support successful product authorisation.

Joanna Sackey

Joanna is a consultant with more than 18 years’ experience in technical and regulatory matters for biocides within the EU and GB. She specialises in preparing active substance dossiers and securing biocidal product authorisations under the BPD and BPR.

Her expertise includes consortium management, developing regulatory strategies for product families, conducting data gap analyses, and implementing intelligent testing strategies. Joanna is skilled in providing tailored regulatory advice, fostering strong client relationships, liaising with regulatory authorities, and offering pre- and post-submission.

Nick Jarvis

Nick is a consultant with more than 18 years’ experience in biocides, agrochemicals, and REACH regulations across the EU and Great Britain. He specialises in preparing active substance dossiers, securing biocidal product authorisations under BPD/BPR, and developing Annex III and Annex X dossiers.

Nick’s expertise includes regulatory strategy development, data gap analysis, intelligent testing, and tailored advice for product families. He is skilled in project management, client relations, regulatory authority engagement, and providing pre- and post-submission support.

Ciarán McGlynn, PhD

Ciarán earned his PhD in Chemistry from the University of Dublin, Trinity College in 2018. His doctoral research encompassed investigating the reactivity of graphene with common oxidants and biomimetic catalysts, as well as synthesising graphene/MoS2 hetero-structures for use in hydrogen evolution electrocatalysis. He joined Arrow Regulatory (Ireland) Limited as a Regulatory Affairs Consultant in June 2019, specialising in CLP and Biocide Product Registrations.

Alexander Raith, PhD

After completing a PhD in metal-organic chemistry at the Technical University Munich, Alex began his regulatory career at a leading European pool water treatment company. By the end of 2018, he had assumed leadership of the department. With more than 10 years’ experience in European chemicals legislation, particularly the Biocidal Products Regulation (BPR), Alex specialises in preparing and submitting biocide product dossiers.

Alex has supported active substances in the Review Programme, led various task forces, and contributed to national biocide product registrations, CLP, ECHA poison centre notifications, and Dangerous Goods regulations.

Alex excels in strategic product family development and possesses a deep understanding of BPR and related regulations. He joined Arrow Regulatory in April 2021.

Geoff Hynes

Geoff is an accomplished regulatory toxicologist with extensive expertise in genetic toxicology, GLP environments, and regulatory compliance across pharmaceuticals, fragrances, and consumer goods. He holds a degree from the University of Hertfordshire (1996). Starting his career in 1996, he became a Study Director and expert in flow cytometric micronucleus testing and Comet assays.

He has led teams in *in vivo* genetic toxicology, specialised in REACH dossiers and risk assessments, and focused on product safety, GHS, and cosmetics. Geoff’s experience also includes work in biocides, plant protection products, and endocrine disruption impacts.

In April 2024, Geoff joined Arrow Regulatory as a Senior Regulatory Toxicologist, leveraging his comprehensive expertise to support industry compliance and innovation.

Contacts	
Website	www.artemisa.si
E-mail	registrations@artemisa.si
Head office	Artemisa d.o.o., Cvetlicna ulica 20, 2270 Ormoz, Slovenia
Tel/fax	+386 8 181 00 20
Contact	Ms Bojana Zgonec
Directors	Ms Bojana Zgonec
Ownership	Private company
Locations	Slovenia, Slovakia, Poland, Hungary, Croatia, Romania
Founded	2018

Overview

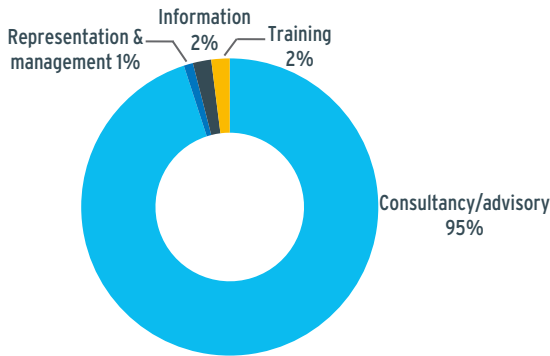
Supporting the chemical industry to comply with regulatory requirements in place in the EU, as well as at the national level of individual countries in the eastern and central EU (CEE) and beyond.

Vital statistics

2023/24

No of offices	6
No of countries represented	27
Staff: group	20
Staff: chemical service provision	14

Service area breakdown



Services provided

Plant protection services in eastern EU, Ukraine, Georgia, CIS countries (Belarus, Kazakhstan) and the Balkans including Turkey

We offer the following services:

- preparation of national submission dossiers for zonal, MR, renewal and other procedures – preparation of documentation in local languages adjusted to national requirements including label and SDS preparation;
- submission of dossiers;
- post submission work/product stewardship (communication with national enforcement bodies on an as-needed basis, compliance with annual reporting duties, national electronic registers, etc);
- facilitation of communication with local authorities in local language;
- strategic advice given, taking national specific rules into consideration; and
- project management in cases of multiple submissions into multiple countries.

Areas of expertise

- Plant protection products
- Adjuvants
- Biopesticides

Regulatory services for registration of fertilisers, biostimulants and supplementary soil substances in the eastern EU, Ukraine, Georgia, CIS countries (Belarus, Kazakhstan) and the Balkans including Turkey

We offer the following services:

- preparation and submission of national submission dossiers – preparation of documentation in local languages adjusted to national requirements including label and SDS preparation;
- services according to the Fertiliser Products Regulation (FPR) to achieve CE-marking: definition of the fertiliser product category, preparation of technical dossiers, co-ordination of proceedings with notified bodies
- post submission work/product stewardship (communication with national enforcement bodies on an as-need basis, compliance with annual reporting duties, national electronic registers, etc);
- facilitation of communication with local authorities in local languages;
- strategic advice given, taking national specific rules into consideration; and
- project management in cases of multiple submissions into multiple countries.

Biocide products regulatory services the eastern EU, Ukraine, Georgia, CIS countries (Belarus, Kazakhstan) and the Balkans including Turkey

We offer the following services:

- preparation and submission of applications following EU transitional measures or BPR rules in local language and according to national requirements;
- SPC (summaries of product characteristics) translation services into multiple languages;
- R4BP3 submissions and project management;
- post submission work/product stewardship;
- facilitation of communication with local authorities in local language;
- strategic advice taking national specific rules into consideration; and
- project management in cases of multiple submissions into multiple countries.

Poison centre notifications

We offer the following services:

- consultancy based on the most current information available;
- compliance with national requirements where applicable;
- facilitation of communication in the relevant national language; and
- preparation and submission of a poison centre notification (PCN) dossier via the ECHA portal.

SDS services

We offer the following services:

- SDS adaptation to specific national requirements and in the national language of a specific country;
- SDS updating, reformatting or editing to accommodate changes in legislation (REACH, CLP, ADR), classification changes of the product, product composition, company specific information; and
- SDS extension to extended safety data sheets (eSDS) to comply with your substance chemical safety report (CSR).

Translation and proofreading support

We offer the following services:

- translations of technical texts in the following expert areas – agriculture, chemistry, regulatory, security in the workplace, business, environmental and healthcare; and
- proofreading of general and technical texts, labels, MSDSs, SPC and PAR documents.

Strategic advice

We offer the following services:

- preliminary assessment of your portfolio or individual products taking the EU status of your substance as well as data protection rules into consideration; and
- advice on the data requirements in place in the different countries of the regions we cover, with all the nuanced differences and local specifics that need to be taken into consideration for the successful registration of your products.

Corporate developments and achievements

2018	Company established Branch offices established in Poland and Slovakia
2020	Services extended to CIS countries and Turkey
2021	Branch office in Croatia
2023	Office in Romania

Partners

Artemisa has developed a broad network of partners at national level in all the countries where regulatory support is offered. Additionally, we can rely on translators familiar with expert terminology in all the countries we cover.

Clients

Our clients are typically bigger multinationals as well as small generic companies, that are based in western EU countries. Artemisa helps them place their products on the market in eastern EU countries and countries outside the Union, by preparing all the necessary documentation according to national rules and in compliance with the specific national legislation and data requirements.

Artemisa also takes care of the compliance of already registered products in the post-registration phase.

Case study 1

PPP registration following Art. 43 in a very short timeframe

Our client had a very short timeline to prepare and submit an Article 43 PPP application in a very challenging eastern EU country. Thanks to our reliable local partners and good contacts with the authority, Artemisa's team was able to deliver the submission on time.

Our ability to act quickly and flexibly is contributing to the success in achieving complete registrations in different eastern EU geographies.

In this way, we contributed to the success in obtaining authorisations in a timely manner. In addition, we prepared national versions of product labels and SDSs, ensuring high compliance of all elements of the approved SPC and content of the authorisation decision.

Case study 2

Data package preparation for multiple EU countries

With our experience and a large network of local partners, we were able to minimise the extent of data and documentation (including local testing) for the client. With that, we have confirmed our know-how and ability to optimise data packages for multiple markets and regions wherever possible.

Additionally, we have the ability to handle the entire registration process on behalf of a client, especially in cases where multiple countries and short timelines are involved.

Case study 3

Translation of SPCs in multiple languages in a very short timeframe

Under the BPR, our client had a very short timeline to prepare and submit high quality national versions of a summary of product characteristics (SPC) in eight EU languages (Slovenian, Slovak, Czech, Bulgarian, Romanian, Polish, Hungarian, Croatian). Thanks to our staff being fluent in Eastern European languages, and having a thorough regulatory knowledge, all national SPC versions were prepared by the required deadline.

Staff selection

Bojana Zgonec - Managing Director and Founder

Over the past 20 years, Bojana has gained extensive experience in regulatory affairs and business development in Eastern Europe. Prior to founding Artemisa in 2018, she worked for TSGE, an international consulting company, as managing director (2009-18). Before moving into a regulatory consultancy role in 2006, she gained experience as a registration manager, working for Bayer CropScience and Pinus TKI d.d.

Bojana has worked with both multinational and local, generic companies, as well as cooperating with a partner/legal during a period of self-employment.

As managing director of Artemisa, she has created a successful network of offices in Slovenia, Poland, Slovakia and Hungary with a dedicated team of experts. She is fluent in Slovenian, English, French, German, Croatian and Serbian, and has a basic understanding of Russian.

Liana Skok - Principal Expert

Liana started her career in 1995 as a PPP registration manager with Ciba. She continued her career with Novartis and Syngenta as the person responsible for registration work in the ex-Yugoslavian countries (Slovenia, Croatia, Bosnia, Macedonia, Kosovo, Serbia) and Albania.

Prior to joining Artemisa in 2018, she worked for TSGE, an international regulatory consultancy company as senior regulatory manager (2012-18). Since June 2018, Liana has been with Artemisa in the position of principal regulatory expert. With extensive experience in regulatory affairs, she provides advice to clients on the national registration requirements under national, Eastern European and Balkan region legislation, and liaises with the regulatory authorities.

She also prepares submissions (zonal and national) for Eastern European and Balkan countries. Liana is fluent in Slovenian, English, German, Croatian and Serbian, and has a basic understanding of Macedonian.



Contacts	
Website	www.bluefrogsscientific.com
E-mail	info@bluefrogsscientific.com
Head office	23 Old Fishmarket Close, 190 High Street, Edinburgh, EH1 1AE, UK
Tel/fax	+44 (0) 131 374 7422
Contact	Damien Carson
Directors	Damien Carson, Tom Hargreaves
Ownership	Group ownership by private limited company
Locations	Edinburgh, Scotland; Cardiff and Swansea, Wales, UK; Lyon, France.
Founded	2010

Overview

Blue Frog Scientific is a leading scientific and regulatory affairs consultancy, recognised for our commitment to quality, innovation, and scientific excellence. We specialise in delivering robust regulatory compliance solutions, combining cutting-edge science with a strategic approach to ensure the success of our clients.

Founded in 2010 following a management buy-out of an established regulatory affairs consultancy, we have built a reputation for excellence in chemicals, biocides, human pharmaceuticals, veterinary medicines, agrochemicals, plant protection products, and biopesticides. Our expertise spans a range of scientific and technical disciplines, including toxicology and human health assessment, ecotoxicology and environmental health, environmental fate and behaviour, chemistry, endocrine disruption, new approach methodologies (NAMs), environmental modelling, efficacy, and metabolism. This breadth of expertise enables us to provide comprehensive, science-led regulatory support.

With offices in Edinburgh, Swansea, Cardiff, and Lyon, our core team of consultants drives operations, supported by a global network of expert associates to ensure there is no regulatory or technical challenge we can't handle. We take pride in our diverse and highly skilled team, who embody our philosophy of blending scientific rigour with innovative problem-solving to address the evolving challenges of regulatory compliance.

At Blue Frog Scientific, we are dedicated to delivering forward-thinking, high-quality regulatory solutions that empower our clients to overcome regulatory challenges with confidence.

Vital statistics

Turnover: group	£3m
Turnover: chemical service provision	approx £2m
No of offices	4
No of countries represented	3
Staff: group	34
Staff: chemical service provision	21

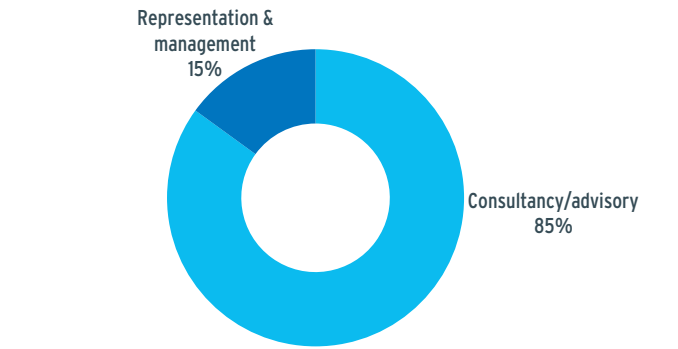
Accreditations

- Member of the Only Representatives Organisation (ORO).
- Associate Member of CropLife UK

Clients

Blue Frog Scientific supports a global client base of chemical, pharmaceutical, veterinary, agrochemical and consumer product companies, ranging from SMEs to large multinational corporations. We take our clients' confidentiality very seriously and will not disclose their identity.

Service area breakdown



Services provided

Regulatory specialisms

Blue Frog Scientific provides expert regulatory compliance services for EU and UK chemical control legislation. We help clients manage all aspects of REACH, CLP, BPR, PPP, and specialist pharmaceutical environmental risk assessments to ensure multi-jurisdictional compliance. Our expert team, with direct experience from industry, regulatory authorities, and testing labs, brings deep insight to the complexities of chemical registration.

Chemical regulatory specialists

We support global companies with REACH and CLP compliance in the EU and UK, including specialist services for PFAS and nanomaterials.

Agrochemical regulatory specialists

We provide tailored regulatory strategies for agrochemicals, including active substances, plant protection products, and emerging product types.

- Biopesticides and biostimulants
- Soil treatments

Biocide regulatory specialists

We help manufacturers and distributors ensure compliance with EU and GB BPR, facilitating market access and ongoing authorisation.

- BPR: Regulation (EU) 528/2012) and the GB/NI equivalent
- EU/UK representative (Article 95 and authorisation holder)

Environmental risk assessment service for pharmaceutical products

We deliver environmental risk assessments for human and veterinary medicinal products under EU and UK frameworks.

Regulatory services

REACH compliance

We support EU and UK REACH compliance by registering substances, evaluating data, and preparing strategic dossiers, ensuring regulatory readiness.

- Strategic compliance planning
- Substance registration
- Data evaluation and testing strategies
- Study monitoring
- Dossier preparation
- Chemical safety assessment
- Submission and updates

Biocides compliance

Expert support for BPR/GB BPR, covering data generation, IUCLID dossier preparation, and submission via R4BP 3 or the HSE portal.

- BPR approvals and authorisations
- Data gap analysis
- Study monitoring
- Dossier compilation
- Preparation of risk assessment reports
- Regulatory submission and evaluation
- Renewal and post-approval support

Plant protection product compliance

We provide strategic and technical support to achieve compliance under EU and GB PPP regulations, including full active substance and product dossiers.

- PPP approvals and authorisations
- Data gap analysis
- Study monitoring
- IUCLID/dRR dossier preparation
- Submission and regulatory engagement
- Renewal and post-approval support

Management services

We represent companies in the EU and UK as Only Representatives or BPR Authorisation holders and manage SIEFs and industry consortia with extensive experience in data sharing and negotiation.

- REACH Only Representative services
- BPR representative services
- Consortium management

Scientific disciplines

We integrate scientific expertise with regulatory insight to solve complex challenges across chemical, agrochemical, biocide, and pharmaceutical sectors.

Toxicology and human health

Our toxicologists guide clients through human health assessments, regulatory advocacy, and testing strategies, prioritising 3Rs and incorporating NAMs.

- Regulatory toxicology services
- Specialist toxicology and technical services
- Human health hazard and risk assessment

Environmental fate and behaviour

We assess persistence, mobility, and degradation to address environmental safety under REACH, BPR, PPP, and for pharmaceuticals.

- Environmental fate assessments
- PBT/PMT assessments
- Modelling and exposure scenarios

Ecotoxicology and environmental health

Our ecotoxicologists provide risk assessments for chemicals, plant protection products, biocides, and pharmaceuticals to meet EU and UK requirements.

- Regulatory ecotoxicology services
- Specialist ecotoxicology and technical services
- Environmental hazard and risk assessment

Chemistry

We support full substance characterisation and generation of high-quality data for REACH, BPR, and PPP submissions.

- Physico-chemical property assessments
- Product characterisation
- Study monitoring and regulatory services

Endocrine disruption

Understanding and assessing endocrine-disrupting properties requires in-depth regulatory expertise and scientific knowledge of endocrinology.

We help businesses meet ED assessment requirements under REACH, BPR, and PPP with robust strategies and regulatory engagement aligned with EFSA and ECHA guidance.

New approach methodologies (NAMs)

We design NAM-based strategies that reduce animal testing, accelerate R&D, and support regulatory submissions across all regulated sectors.

NAMs are both essential for regulatory compliance and play a key role in early-stage product development, helping to identify candidate molecules, assess safety profiles, and streamline research and development (R&D) pipelines.

- NAMs regulatory strategy
- in silico* profiling and computational modelling
- in vitro* and *ex vivo* testing – advanced NAMs for product development and compliance
- Study monitoring and regulatory services

Corporate developments and achievements

2006	Formation of chemical regulatory services team within BMT Cordah Limited, part of the BMT group of companies
2010	Management buyout of Chemical Regulatory Services business, forming Blue Frog Scientific Limited Development of agrochemical consulting services
2016	Development of biocides consulting services
2019	Formation of Blue frog Scientific SAS (France) Formation of Blue Frog Scientific Group

Staff selection

Damien Carson, BSc (Hons), PhD – Co-Owner and Group Director

Damien is a leading regulatory expert with more than 20 years' experience providing strategic, scientific, and technical support to the chemical and biocides industries.

Tom Hargreaves, BSc (Hons) – Co-Owner and Group Director

Tom is a leading regulatory expert with more than 25 years' experience supporting companies with their regulatory commitments in the plant protection and pharmaceutical sectors.

Nigel Halsall, BSc (Hons), PhD – Associate Director

A leading expert in environmental hazard and risk assessment with more than 35 years' experience in the plant protection industry.

Isla Mathieson, BSc (Hons), MSc, PhD – Associate Director

A specialist in REACH and CLP (UK/EU) strategy, with more than 20 years' experience assisting companies in the chemicals and polymers sector with their regulatory and development needs.

Rachel Hill, MChem – Principal Consultant and Regulatory Affairs Team Leader

Rachel is a chemical regulatory expert with extensive experience working under the REACH, CLP and BPR regulations. As team leader, Rachel is responsible for the management and delivery of projects for all regulatory sectors of our business.

Bryony Ross PhD, MSc, BSc (Hons), ERT, MRSB – Principal Consultant and Human Safety Team Leader

Bryony is an accomplished toxicologist with more than 15 years' experience, her areas of expertise are chemical hazard assessment, reproductive and developmental toxicology, endocrine disruption and nanotoxicology. As team leader, Bryony is responsible for the management and delivery of projects for all human safety aspects of our business.

Emilie Vizade, BSc, MSc, PhD – Principal Consultant and Environmental Safety Team Leader

Emilie is an expert ecotoxicologist and environmental risk assessor, with a background in industry and regulatory authorities. As team leader, Emilie is responsible for the management and delivery of projects for all environmental safety aspects of our business.

Kai Paul, PhD BSc MRSB CBiol – Principal Consultant and Animal-Free Regulatory Solutions Team Leader

Kai is an expert applying new approach methodologies to problems in chemistry, toxicology, and ecotoxicology, with more than 20 years' experience. As team leader, Kai is responsible for the management and delivery of projects for all NAMs and nanomaterial aspects of our business.

Martyn Shenton CChem, FRSC – Principal Consultant

An accomplished product and process safety expert with more than 25 years' experience working in the chemical, polymer, analytical and PFAS industries. Martyn is responsible for the management and delivery of projects for all PFAS and polymer aspects of our business.



Contacts	
Website	www.chemdiox.com
E-mail	office@chemdiox.com
Head office	Salztorgasse 1/2A, 1010 Vienna, Austria
Tel	Europe: +43 1 5321489 0, Americas: +1 888 8369462
Contact	Anton Zrzavy
Directors	Anton Zrzavy
Ownership	UCS – unique computing solutions gmbh
Locations	Austria, United States
Founded	2011

Overview

The CHEMDOX® company provides an outstanding software solution for the chemical industry:

- Classify chemicals according to numerous regulations
- Generate high-quality safety-related documents in the most efficient way
- Assure regulatory compliance

What do our clients like about us?

The CHEMDOX® software has been developed by experts for experts. It's efficient, open, flexible and supports compliance. It's easy to use, easy to integrate and easy to automate. All this, based on state-of-the-art technology and an outstanding customer support.

Good software adapts to the needs of its users. This is what we believe in. This is what we work on every day.

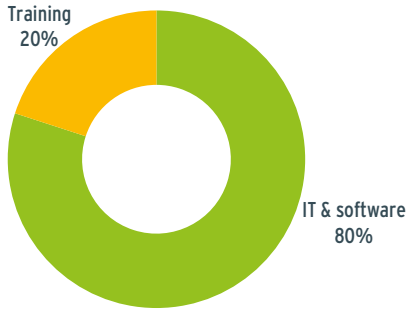
The CHEMDOX® company is a subsidiary of UCS – unique computing solutions gmbh – developing high-quality software since 1999.

Vital statistics

2023/24

No of offices	2
No of countries represented	Europe, Americas
Staff: group	>50
Staff: chemical service provision	>20

Service area breakdown



Global offices

Austria (head office), United States.

Services provided

Where does CHEMDOX® help?

The CHEMDOX® software supports experts in all tasks regarding hazardous materials management.

SDS authoring software

Generate SDSs efficiently and ‘translate’ your SDSs into more than 50 countries, taking into account official languages, national legal terminology, as well as national regulations. You can automate your SDS creation process by using templates and rules, maintaining all the flexibility required when authoring your documents.

Through frequent interaction with all CHEMDOX® users, a wide variety of applications and use cases have been developed, and we are constantly adding new ones. Even special use cases, such as private labelling, are handled efficiently.

Classification calculators

Improve regulatory compliance when classifying chemicals according to different regulation types such as GHS, transport and national regulation. CHEMDOX® regulatory calculators provide automatically computed classification suggestions.

Poison Centre Notifications

Create Poison Centre Notifications super efficiently with CHEMDOX®. Your entire product portfolio including product data is already available on your installation and can therefore be converted into a notification with just a few clicks.

Regulatory coverage

Meet global regulatory requirements on a best practice level, staying up to date for all major markets in Europe, the Asia-Pacific region, and the Americas.

Chemical management software

With the CHEMDOX® software, including its legal content and substance database, managing your chemicals is easy and efficient. Track your substances to stay up to date and compliant. With these tools, the generation of your hazard communication documents and regulatory reports is a matter of a few simple steps.

Hazard labelling software

Create multilingual hazard labels with our flexible label editor or integrate CHEMDOX® with your existing solution.

SDS distribution

Distribute SDSs automatically with no manual effort.

System integration and data exchange

The CHEMDOX® software provides easy and state-of-the-art integration with other IT systems via its comprehensive API. Furthermore, the electronic exchange of data improves productivity and quality.

Technical data

- All the benefits of a web application with the perfect usability of a desktop application
- State-of-the-art technology makes CHEMDOX® future-proof
- Freedom of choice regarding hardware, operating system, and installation scenario

Training, support and professional services

Updates and support

At least quarterly, CHEMDOX® updates ensure that the software is up-to-date and in accordance with regulatory changes.

Our team of experts provides continuous support via e-mail, on the phone, or on our service desk platform.

Training

To get the most out of CHEMDOX®, we offer introductory, individual, and open trainings for users, as well as technical trainings (eg development with the CHEMDOX® API, system integration, etc) especially tailored to your needs.

Installation and implementation

Install CHEMDOX® easily on a server that is accessible for one or more users, or a specific workstation in your company. No matter which option you choose, installation is just as smooth and intuitive as using the CHEMDOX® software. If you still need help, we are here for you.

Hosting and SaaS

For your comfort, CHEMDOX® can also be installed on our servers and is accessible via an internet connection.

By adding the CHEMDOX® Hosting service to your rental plan, you easily get a SaaS solution.

Configuration and customisation options

- Installation, implementation, and configuration support for the CHEMDOX® software
- Connection of your ERP system to CHEMDOX®
- Data transfer or migration from other programmes
- Implementation of interfaces to other systems
- Development of special software modules
- Document template configuration

Corporate developments and achievements

1999	UCS – unique computing solutions gmbh
2011	CHEMDOX® GmbH
2016	CHEMDOX® Inc.

Partners

- Several regional consulting and sales partners worldwide
- Several software partners (ERP, labelling, etc)

Clients

CHEMDOX® clients range from medium to multinational companies across all industries and the chemical supply chain:

- Authorities
- Substance producers
- Formulators
- Industrial users (eg automotive)
- Regulatory consultants
- Distributors, etc

Testimonials

We work very closely with our customers, appreciate their inputs, and strive for a durable, long-term partnership.

Find out for yourself

We would be happy to connect you with one of our customers.

Case study 1

A major player in the automotive industry has to implement a chemical management solution for compliance reasons.

- Manage and check SDSs and regulatory information provided by suppliers for plausibility
- Automatically track the regulatory status of substances in use (classification calculators)
- Comply with Global Automotive Declarable Substance List (GADSL)
- Integrate with SAP® for substance volume tracking and VOC reporting

Case study 2

A consulting firm has to replace the software solution for their main service: Safety data sheet (SDS) authoring.

- Migration of more than 25,000 products to CHEMDOX®
- Comprehensive regulatory and language support
- Respect customer's corporate identity when authoring SDSs
- Strong focus on accuracy and efficiency

Case study 3

A multinational company wants to avoid differences in product information or documentation due to multiple software installations in their subsidiaries.

- Centralisation of product and regulatory information, as well as documentation in CHEMDOX®
- Working remains decentralised taking into account official languages, national legal terminology, as well as national regulations and national GHS implementations
- Web application with the perfect usability of a desktop application, but without the need for a local client installation
- Multilingual user interface including regional specifics (eg date, time or number formats)
- Fine grained permission settings, versioning, change history, statutory retention
- Quality improvements and efficiency gains due to collaboration across the subsidiaries
- Interfacing with multiple IT systems
 - Keeping ERP system and CHEMDOX® in sync
 - Generating labels in a high throughput production environment with variable data like batch numbers, individual barcodes, etc
 - Distributing technical information and technical datasheets generated with CHEMDOX® to different systems

Staff selection

CHEMDOX® Team

The CHEMDOX® staff includes professional, qualified, and skilled experts from the areas of chemistry, law, and software engineering.

We are working as a team to constantly improve CHEMDOX® and our outstanding customer support.

CHEMDOX® Partners

Our certified partner network extends the CHEMDOX® team offering local presence and specific knowhow. Therefore, we engage in targeted, long-term partnerships with renowned suppliers of complementary products and services. For our customers, the regional availability of professional services and regulatory expertise, as well as the possibility to professionally integrate CHEMDOX® into the existing infrastructure is of great use.

Contacts	
Website	www.chemleg.com
E-mail	info@chemleg.com
Head office	Cevizli Mah. Bağdat Cad. No: 538, 6 PC: 34846 Maltepe, Istanbul, Turkey
Tel/fax	+90 (216) 706 1307/+90 (216) 706 1284
Contact	Ms Elif Koç (elif@chemleg.com) Mr Gökhan Ardiç (gokhan@chemleg.com) Mr Mehmet Yolcu (mehmet@chemleg.com)
Ownership	Limited company
Locations	Turkey
Founded	2017

Overview

As one of Turkey’s leading chemical consulting firms, Chemleg provides chemical regulatory services for the chemical industry, helping businesses gain a competitive advantage in the global market. In this context, Chemleg’s mission is to deliver fast, solution-oriented, and high-quality services to the sector. Chemleg offers its clients comprehensive solutions in chemical product development, regulatory compliance, and safe production processes.

With our technically skilled and highly competent team of experts in regulatory matters, we collaborate with commercial and educational institutions, technical universities, and laboratories to support the sector on both global and local levels.

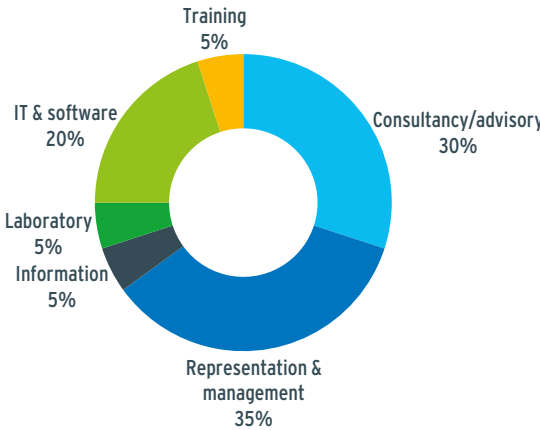
Our goal is to steer the development of the chemical industry by prioritising reliability, quality, and customer satisfaction.

Vital statistics

2023/24

Turnover: group	>€1.5m
Turnover: chemical service provision	>€1.5m
No of offices	2
Staff: group	>40
Staff: chemical service provision	>40

Service area breakdown



Services provided

Chemleg provides services across a broad range of areas, with its main service areas as follows:

Only representative (OR) service

- KKDIK (Turkey REACH) Regulation
- Turkey BPR Regulation
- Turkey CLP Regulation

Chemical regulatory compliance services

- KKDIK (Turkey REACH) compliance
- Data sharing management for Letter of Access (LoA)
- Turkey BPR compliance
- Turkey and EU CLP compliance
- EU REACH compliance
- UK REACH compliance
- UA REACH compliance
- Turkey and EU cosmetic products compliance
- PIC Regulation compliance
- GHS compliance
- Turkey Detergent Regulation compliance
- Non-medical Veterinary Health Products Regulation compliance
- SDS authoring services
- CPSR authoring services
- SDS certification for Turkish SDS
- Biocidal product risk assessment services
- Labelling services
- Training services

KKDIKPro Software: A Smart Solution for Turkey REACH Registration Process

KKDIKPro software has been developed by Chemleg’s partner Melgosoft to streamline and effectively manage the KKDIK (Turkey REACH) registration process. It aims to ensure a fair and transparent process for joint registration members. KKDIKPro offers multiple calculation methods, it can calculate the LoA cost and reimbursements for each member simultaneously.

What sets KKDIKPro apart from similar software is its innovative and user-friendly features, including real-time LoA fee calculation, automated email notifications, a shared platform usable by multiple lead registrants, and its ability to continuously evolve with updates and improvements. The automated processes save time by ensuring accurate and seamless operations.

Key features of KKDIKPro include:

- Support for lead registrants to manage LoA sharing among co-registrants
- Easy implementation of IUCLID endpoints as a dossier to the system
- Cost calculation starting with each individual test
- Facilitation of data sales processes on behalf of data owners

EPY Software: The Reliable Solution for SDS and Label Compliance

Chemleg provides EPy safety data sheet and label software to the Turkish market. EPy is a modular, integrated software suite developed specifically to help chemical companies comply with the regulations governing chemical products.

Clients

Chemleg’s clients are companies working in the chemical and associated industries around the world, such as the UK, US, Norway, Italy, Germany, France, Bulgaria, Belgium, Netherlands, Japan, China, and more. Our clients span manufacturers, importers and downstream users in raw materials, biocides, paints and coatings, cosmetics, cleaning products, the petrochemicals industry, etc.

Chemleg also works with consultancy companies to help clients comply with Turkish chemical control regulations in the UK, Italy, China, South Korea, the US and Germany.

Chemleg does not disclose client names, but they may be revealed upon request if clients consent.

Corporate developments and achievements

2019-2025	Chemleg currently manages more than 300 substances data sharing process for TR REACH Chemleg currently manages more than 300 substances LoA purchasing process for TR REACH (as facilitator) Chemleg managed more than 10,000 substances’ pre-registration as an only representative Chemleg managed more than 600 substances for lead registration Chemleg translated more than 600 dossiers for KKDIK registration Chemleg submitted more than 5,000 substances for C&L notifications Chemleg prepared more than 10,000 SDSs Chemleg registered more than 50 biocidal products
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Accreditations

- Member of the Turkish Cosmetics Manufacturers and Researchers Association
- Training institution for “chemical assessment experts certificate” authorised by the MoEU

Partners

Melgosoft for KKDIKPro software and Telematic (Italy) for EPY SDS authoring software.

Case study 1

As the KKDIK pre-registration deadline of 31 December 2020 approached, a client required Chemleg to complete the pre-registration of approximately 45,000 substances across 17 Legal Entities within the final month. Understanding the urgency, Chemleg took on this monumental task and mobilised its team to ensure timely completion.

The team worked tirelessly day and night, managing an intense workload while continuing to deliver on other ongoing commitments, as Chemleg never leaves any client unsupported. Despite the pressure, all 45,000 substances were successfully pre-registered before the system closed, showcasing Chemleg’s dedication, efficiency, and ability to deliver under challenging circumstances.

Case study 2

Chemleg successfully undertook the project of translation and localisation of 25 European Chemicals Agency (ECHA) guidelines published on the Chemicals Help Desk website into Turkish, to contribute to the alignment of chemical management processes in Turkey with international standards.

The project not only included the linguistic translation of the guidelines but also their adaptation to the legal and sector-specific terminology used in Turkey. Chemleg’s expert translation and consulting team ensured that the guidelines reached the target audience accurately, clearly, and professionally while taking into account the technical details of the chemical industry. This project has facilitated the workflows of relevant public institutions and industry stakeholders, further strengthening Chemleg’s position in the sector.

Case study 3

One of Chemleg’s clients made an urgent request to complete the registration of 10 category substances. After calculating the time required for the translation and registration of the substances, it was determined that each substance would take approximately 100 days, making it seem impossible to meet the client’s desired deadline.

However, through a brainstorming session, our team found a solution to tackle the issue. By identifying common sections in the registration dossiers, the process was standardised and accelerated. Tasks were efficiently distributed among the team, and through collaborative efforts, the translation and registration of all substances were successfully completed within the specified timeframe. Despite the intense pressure, the Chemleg team managed to deliver a high-quality result.

Staff selection

Elif Koç – General Manager

Elif is a chemist with a master’s degree. A chemical assessment expert, she has more than 15 years’ experience in the chemical industry as a researcher and regulatory specialist. Elif is responsible for helping companies manage the OR process of regulatory compliance for KKDIK. Additionally she manages the data/LoA sharing process and models with the data owners and or consortia.

Elif previously worked on projects for the Scientific and Technological Research Council of Turkey, in its R&D departments as an analytical method development and validation specialist for active substances and impurities, and for a consultancy company as a biocide department team leader. Here she managed lots of international companies’ biocidal product requirements for Turkey.

Gökhan ARDIÇ – IT Manager

Gökhan is a chemist and health and safety expert, with a master’s degree from Marmara University. He has more than eight years’ experience in chemical regulatory services, especially safety data sheet authoring. He has a CAE certificate and has compiled almost 10,000 SDSs in various languages. He is also authorised to author Turkish safety data sheets and is an expert on the Classification, Labelling and Packaging (Turkey SEA/EU CLP) Regulation.

He is the responsible person for Chemleg’s SDS authoring software and provides technical and regulatory support for companies using this software. His specialities include: SDS authoring (including e-SDS with exposure scenarios); product safety; chemicals management; assessing toxicological and ecotoxicological test results from CSR; chemical labelling; and technical and regulatory support.

Mehmet Yolcu – Sales Manager

Mehmet is a chemist with a master’s degree. A health and safety expert, he has more than twelve years’ experience as a chemical regulatory consultant, specialising in Turkish CLP/CICR and the EU REACH regulation for Turkish exporters. He has carried out thousands of C&L, CICR and SDS notifications for companies. In addition, he has delivered group and individual training on the KKDIK, CLP, SDS and EU REACH regulations.

He managed the project scope and processes for the EU REACH, Turkish CLP, CICR and Turkish SDS regulations for companies. He provides support for Turkish-based companies on their responsibilities under EU CLP and EU REACH when exporting products to EU member states.

Haydar Hazer – Principal Chemical Regulatory Expert

Haydar worked for the chemicals management department of the MoEU for 23 years. He helped establish the Chemicals Inventory System and Chemicals Registration System (KKS) and worked on harmonising the CLP and REACH Regulations for Turkey. He has been working on the KKDIK and Turkey’s CLP Regulation since their harmonisation process began in Turkey. He has attended many national Caracal and REACH meetings, as well as seminars and trainings as the representative of the MoEU.

Chemleg’s other members of staff

Chemleg has a competent team with a wide range of expertise, many of whom are chemists and chemical engineers with chemical assessment expertise. They have experience ranging from three to seven years within the field of chemical regulatory consultancy, including EU REACH, the KKDIK, SDS authoring and biocidal products.

Chemleg seeks to provide fast, solution-oriented, quality services for the chemical industry and is committed to continuous renewal for lasting success in the sector. With this mission, Chemleg continuously supports the development and training of its staff.



Contacts	
Website	www.chemsafe-consulting.com
E-mail	chemsafe@chemsafe-consulting.com
Head office	Chemsafe Srl, Via Ribes, 5, 10010 Colletterto Giacosa (TO), Italy
Tel/fax	+39 0125 538888, +39 0125 669035, +39 0125 538475 (fax)
Contact	Dr Antonio Conto, Managing Director
Directors	Dr Antonio Conto, European Registered Toxicologist (ERT), Managing Director
Ownership	Private company
Locations	Italy, United States
Founded	6 August 2001

Overview

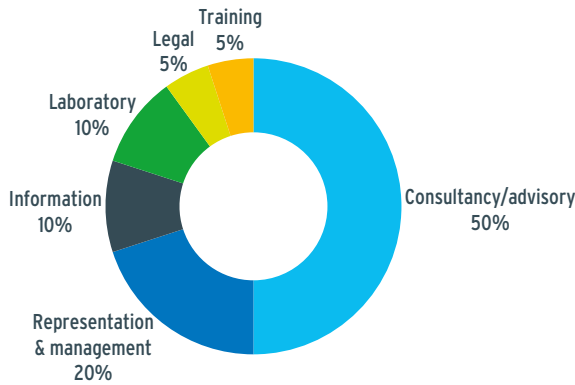
Chemsafe’s vision is to offer regulatory and technical/scientific solutions and services in the field of chemical and pharma safety with a “key point” approach and customer care attitude.

Vital statistics

Turnover: group	€3.5m
Turnover: chemical service provision	£1.8m
No of offices	2
No of countries represented	2
Staff: group	40
Staff: chemical service provision	18

2023/24

Service area breakdown



Global offices

Chemsafe Srl, Colletterto Giacosa (TO), Italy and Operative Office in Quagliuzzo (TO), Italy.

Services provided

Worldwide regulatory affairs consulting

Chemsafe assists its clients with a range of regulatory affairs services worldwide that encompass legal and technical solutions to compliance with international and national chemical and medical control legislation. For almost 20 years Chemsafe has developed unique expertise in regulatory toxicology provided to customers from different fields from chemicals including biocides and agrochemicals, to pharma, medical devices and food/feed. The company is organised in five business units as follows:

Business Unit (BU) Chemical

Chemsafe provides its clients with strategic and technical support to comply with REACH and CLP/GHS as well as SDS and e-SDS preparation. Our technical support includes full dossier preparation (LR: lead registrant or JR: joint registrant), data gap analysis, review and analysis of physico-chemical, environmental fate. It also includes ecotoxicology and toxicological study monitoring, CSA/CSR preparation, human and environmental exposure scenarios, risk assessment and application of alternative strategies to testing such read-across approach and QSARS.

SIEF/consortia management as well as OR appointment for non-EU companies is offered. UK OR service and UK REACH registrations are offered in partnership with a UK company.

Business Unit Biocides and Agrochemicals services

Our specialised team can prepare and submit technical dossiers for authorisation of active substances and for registration of formulated products. We coordinate the regulatory strategy with the national and/or international authorities as well as the preparation of the technical equivalence data for active substances and national procedures.

Coordination includes study monitoring for toxicology, eco-toxicology, efficacy studies (laboratory and field) as well as phys-chem and analytics. First product with two actives was submitted in Italy by Chemsafe in 2011.

Business Unit Pharma

Seven risk assessor and regulatory experts are employed in this BU including a specific prediction model expert and Environmental Risk Assessment (ERA) expert for drug product. The activities include:

Safety

- OEL/OEB/ASL for occupational evaluation
- PDE from cross-contamination evaluation
- ERA (Environmental Risk Assessment of Medicinal Products)
- *in silico* with DEREK, SARAH, METEOR, ZENETH and other approaches
- Extractables and Leachables toxicological evaluation
- Quantification/qualification of impurities
- Evaluation of impurities of active substance and formulated product (pharma and medical devices)

GMP

- DMF preparation in CTD format (module 3, section 3.2.S) for the European registration, US and Canada
- International audits for active substances, intermediates
- Preliminary evaluation of all dossier documentation and DMF preparation

GLP activity

- From candidate profiling to preclinical development. Study monitor and CROs (contract research organisation) selection

Business Unit Medical Devices

Four risk assessor and regulatory experts are employed in this BU including a quality expert. The activities include:

- Strategic/regulatory consultancy as per new EU Reg No 745/2017
- MD class identification
- Biological evaluation
- Human health risk assessment
- Technical dossier preparation
- Quality system application
- Liaison with regulatory bodies

Services for cosmetics products are included in the BU Medical Devices and include

- General regulatory consultancy and RP (responsible person) designation
- Data evaluation, data gap analysis, read-across methodology, *in silico* method application, testing programme design, and study monitoring/coordination
- PIF (product information file) or PSR (product safety report)
- Administrative activity, including robust study summaries and substance information sheet (SIS) with ingredient evaluation

Business Unit Food/Feed

Three risk assessor and regulatory experts are employed in this BU including a Novel Food (EU) and GRAS/NDI (USA) expertise. We advise our clients on legal and technical aspects, in particular:

- consultancy;
- novel foods;
- food contact materials (FCMs);
- nutraceuticals and functional foods;
- food additives, enzymes and flavouring;
- food supplements;
- GRAS (Generally Recognised As Safe) and NDI (New Dietary Ingredient) Notification for US; and
- study monitoring (toxicological, clinical).

Training on demand

Training onsite. Webinars and specific technical/regulatory courses are available on demand.

Corporate developments and achievements

2001	Started up in Italy as a one man company
2007	REACH and OR services offered
2009	Biocides and agrochemicals group creation
2010	Technical advisers for three international consortia. Staff increased to ten people
2011	Petrochemicals derivatives, waste, cosmetics and pharmaceuticals consortia management Staff increased to 12 people First biocides product dossier for two actives submitted and authorised
2012	Pharma business service created Staff increased to 14 people
2015	Operative offices moved to Parella (TO), Italy and organisation in business units (BU)
2017	New business development manager
2018	ISO 9001:2015 Certification acquired and renewed in 2021, BU medical devices created, 20 employees
2019	BU food/feed created Acquisition of ILC Srl, a company active in GMP activities for pharma companies worldwide
2020	New operative offices open in Quagliuzzo (TO), Italy New partnership with China, Brazil. 26 employees
2022	Creation of the BU training, staff up to 32, GLP-like archive established
2023	Staff increased to 37 persons, GLP-like archive offered
2024	Chemsafe USA Corp

Partners

Chemsafe is 100% privately owned.

Accreditations

Chemsafe is a full member of ORO, the EU Only Representatives Organisation and the Industrial Union of Turin and Federchimica, Italy. Chemsafe acquired the Quality Management System (QMS) as for ISO 9001-2015 in 2018.

Clients

Our clients are manufacturers and importers in the following market sectors: chemicals, pharmaceuticals, agrochemicals, biocides, cosmetics, food, feed, medical devices, nanomaterials and petrochemicals worldwide.

Testimonials

Any companies requiring testimonials or references will be provided with them upon individual written request.

Case study 1

REACH testing programme

Working with a global supplier of hydrocarbons, Chemsafe created a comprehensive testing/study programme for REACH registration of a wide range of products for that client.

Case study 2

REACH dossier work

More than 2,500 REACH dossiers completed, including lead registrant and joint submission; including some for UVCB substances. Our team has also completed a significant number of CSRs and thousands of SDS and e-SDS.

Staff selection

Dr Antonio Conto – Managing Director

Biology Degree, European Registered Toxicologist (ERT). Founder of Chemsafe, more than 35 years’ experience as a regulatory toxicologist.

Dr Paolo Rossi – BDM Chemical Area

Biotechnologist. 16 years’ experience in business development management activities at an international level.

Dr Iavello Alessandra – Head of BU Medical Devices and Cosmetics

Medical biotechnologist, 12 years’ experience.

Dr Francesca Fasano – Head of BU Chemical

Industrial chemist and chemist, 16 years’ experience.

Dr Silvia Bortolami – Head of BU Biocides/Agrochemical

Biotechnologist, 16 years’ experience.

Dr Marco Rodda – Head of BU Pharma

Biologist, European registered toxicologist (ERT), 13 years’ experience.

Dr Federica Carra – Head of Quality System

Chemical-pharmaceutical technology degree. Qualified person for pharma companies. Implementation of the ISO 9001-2015 in Chemsafe activities.

Dr Camilla Conto – Deputy Head of BU Food/Feed

Chemical-pharmaceutical technology degree. Masters in food legislation and safety (London). five years’ experience in this specific field.

Dr Emanuela Fino – CFO

More than 30 years’ experience.

Contacts	
Website	www.chemservice-group.com
E-mail	contact@chemservice-group.com
Head office	Chemservice GmbH Herrnsheimer Hauptstr. 1 b, 67550 Worms, Germany Chemservice SA 13, Fausermillen, 6689 Mertert, Luxembourg Chemservice Asia Co Ltd Technical Innovation Building B-201,202,15, Jongga-ro, Jung-gu, 44412 Ulsan, Korea
Tel/fax	+49 6241 95480 0 /+352 270776 1 /+82 52 223 6232
Contact	Karl-Heinz Reis (Germany), Dr Dominik Kirf (Luxembourg), Jae-Seong Choi (Korea)
Directors	Dr Dieter Drohmann, CEO Chemservice Group Karl-Heinz Reis, Director Global Regulatory Affairs Christopher Cohrs, Director Supply Chain Compliance Dr Dominik Kirf, Director Toxicology & Risk Assessment Thomas Schaefer, Director Data & System Services Doris Peters, Director Consortia Management Jae-Seong Choi, Director Korea Dr Jaime Sales, Managing Director Iberia Lara Dickens, Managing Director UK
Ownership	Privately owned group of companies
Locations	Germany, Luxembourg, Korea, Switzerland, Spain, UK, US, Turkey
Founded	2007

Overview

Chemservice is a leading global consultancy to the chemical industry and its value chain. As an independent service provider, we support our clients in regulatory affairs, national and international chemical regulations, toxicology, risk assessments and environmental sciences. We use our scientific, technical and strategic know-how to overcome regulatory barriers globally, giving our clients a competitive edge.

We are an interdisciplinary team of chemists, biologists, toxicologists and environmental scientists. Our expertise in consortium and LoA management, advocacy and socio-economic assessment enables us to provide comprehensive advice to our clients, even beyond the boundaries of chemical regulations. Our business philosophy? Commitment to finding the best solutions for your needs!

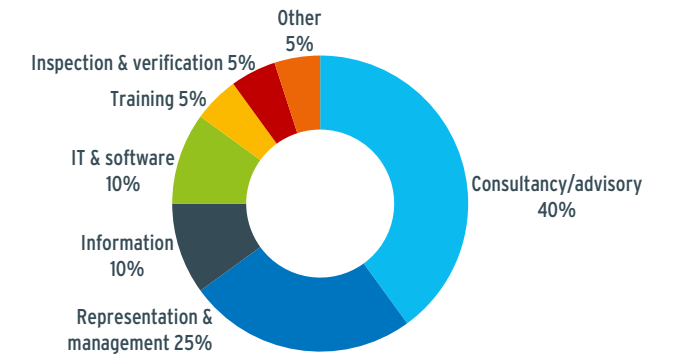
Vital statistics

Turnover: group	€13m
Turnover: chemical service provision	€13m
No of offices	10
No of countries represented	8
Staff: group	ca.85
Staff: chemical service provision	ca.75

Global offices

Chemservice Luxembourg, Mertert, Luxembourg. **Chemservice Germany**, Worms, Germany. **Chemservice Asia**, Ulsan, South Korea. **Chemservice Schweiz**, Gersau, Switzerland. **Chemservice Iberia**, Castellon, Spain. **Chemservice UK**, Maidstone, United Kingdom. **Chemservice Americas**, Chicago (IL), United States. **Consortia Management**, Worms, Germany. **Consortia Asia**, Seoul, South Korea **ChemAdvocacy**, Mertert, Luxembourg. **ChemAdvocacy Turkey**, Istanbul, Turkey.

Service area breakdown



Services provided

Global regulatory affairs consulting
We provide a wide range of services to help you comply with national and international chemical control legislation to ensure product safety, producer liability and consumer and environmental protection to regulate the marketing of chemical substances. In addition to inventory notifications, we also carry out registrations of biocides and food contact materials. Through our offices and regional partners, we support our clients in complying with international chemical regulations such as REACH, K-REACH, UK REACH, KKDIK, Ukraine REACH, Taiwan REACH, AICIS (Australia), PMPIN (Philippines), etc.

REACH and GHS/CLP

We provide strategic and technical support for REACH and GHS/CLP. The technical support includes, for example, registration cost evaluation and strategy leading to dossier preparation and registration, data gap analysis, testing strategy proposals, placing/monitoring of studies, compilation of chemical safety reports, exposure, hazard and risk assessments, PBT/vPvB evaluation, C&L notification, safety data sheet and label creation, as well as support on environmental health and safety (EH&S) issues.

In addition, we provide REACH authorisation and restriction services (including RMOA and SEA), advocacy and product stewardship consulting.

Consortia and letter of access management

For more than 15 years, Consortia Management GmbH has provided independent secretarial, fiduciary, and financial services (including trustee account management) in the field of national and international chemicals legislation and biocide regulations. We support consortia and lead registrants in an efficient and competent manner, implementing the data generation and cost sharing required by the regulations while guaranteeing a high level of confidentiality and compliance with competition law.

Our new online letter of access (LoA) portal (www.reach-loa.com) offers efficient letter of access management for all parties who need data access rights for certain substances to fulfil their registration obligations.

Via our legal entities Consortia Asia Co Ltd and ChemAdvocacy Turkey we offer consortia, LoA and data management services for K-REACH and KKDIK.

Combining expertise and competence: your partner for managing consortia.

Only representative and third-party representative

In accordance with REACH, non-EU manufacturers must have appointed an only representative (OR) within the EU to implement the substance registration process. We assume this role on your behalf, and thereby play a pivotal role in the successful marketing of your products in the EU. OR services are provided as well in Korea, UK, Turkey and Ukraine.

Furthermore, we provide trustee services for indirect non-EU supply chains with final import into the EU. The importers of these non-EU manufacturers no longer have registration obligations and are being regarded as downstream users.

We also act as your third-party representative according to REACH Article 4.

Corporate developments and achievements

2007	Start-up in Luxembourg
2008	Opening of Chemservice office in Germany Development of ‘REACH-Code-Model’
2009	Launch of Consortia Management GmbH in Germany
2010	Opening of Chemservice Asia office in Korea
2011	Launch of Chemservice EHNS GmbH in Germany, launch of JV ChemCehtra in France
2016	Chemservice acquired a two-digit share of CEHTRA
2017	Ten years of Chemservice
2018	Launch of Chemservice Schweiz GmbH in Switzerland Launch of Consortia Asia Co Ltd in Korea Acquisition and merger of REACH ChemAdvice GmbH into Chemservice GmbH
2019	Establishment of three new Chemservice entities: Chemservice Iberia, Spain; Chemservice UK, Great Britain; Chemservice Americas, US
2020	Extension of Chemservice offices in Germany and Luxembourg, merger of Chemservice EHNS GmbH into Chemservice GmbH
2021	‘Chemservice OR-Trustee’, the fully automated and web-based successor of the well-established REACH Code Model system, goes online for REACH, UK REACH and KKDIK Launch of ChemAdvocacy Turkey
2022	Chemservice Holding AG in Switzerland established Opening of new US office in Chicago
2023	Implementation of Service Unit structure
2024	Starting establishment of Chemservice Ukraine

Accreditations

We are a founding member of ORO, the Only Representative Organization in Brussels. We adhere to the quality standards of ORO, which is led by Dr Dieter Drohmann as president.

Partners

With our global network of experienced partners, located in Argentina, Australia, Brazil, Canada, China, Colombia, India, Japan, Mexico and Taiwan, Thailand, among others, we ensure that you receive the best chemical compliance support worldwide.

Clients

We are a global consultancy to the chemical industry and its value chain. Our clients range from multinational chemical companies to SMEs, formulators, traders, retailers and original equipment manufacturers (OEMs). We do not disclose our customers publicly, but provide reference names and testimonials upon request.

Case study 1

Advocacy work

Chemservice has become an important player in the field of advocacy. In addition to conducting more than 15 authorisations for different uses and participating in several restriction dossiers, Chemservice has recently performed more than ten RMOAs and socio-economic impact assessments for different substances. In addition, we have been involved in about 25 calls for evidence and public consultations related to REACH and the EU BPR.

Case study 2

Consortia and letter of access management

Our affiliate Consortia Management has made a name for itself as an independent service provider for consortia and letter of access (LoA) management as well as for data sharing for some 65 consortia and lead registrants under REACH, K-REACH and KKDIK. Services range from setting up new consortia including the creation of the respective consortium documentation and opening a trustee account on behalf of the consortium members, to taking over existing consortia, LoA management and calculations.

Our clients benefit from the centralised management of secretarial, fiduciary and financial services to keep processes as lean as possible while ensuring compliance with tax and competition law.

Case study 3

‘Chemservice OR-Trustee’ – a unique compliance solution for supply chains

The REACH Regulation does not distinguish between direct and indirect imports into the EU, which complicates trade outside the EU with subsequent imports into the EU. This is especially true when several companies are involved along a non-EU supply chain formulating substances into mixtures with confidential compositions.

In such multi-stage non-EU supply chains, manufacturers of substances usually do not know through which channels and in which products and quantities their substances are imported into the EU. The ingredients of their products and the names of their suppliers and customers are confidential business information (CBI) that is closely guarded by distributors or formulators. Therefore, neither non-EU manufacturers (represented only by agents) nor importers can meet their REACH obligations without disclosing CBI and risking loss of their business.

To solve this problem, Chemservice developed a software-based solution, the ‘Chemservice OR-Trustee’, which is available for REACH, UK REACH, Korea REACH and KKDIK. Many leading companies in the chemical industry globally benefit from this unique compliance solution from Chemservice.

For further information, please see <https://chemservice-group.com/our-services/compliance-in-the-supply-chain/or-trustee>.

Case study 4

REACH, Korea REACH, UK REACH and KKDIK dossier work

The REACH Regulation entered into force in 2007 with the aim of updating and harmonising chemical legislation within the European Union. Since then, regulations modelled on REACH have been developed worldwide. For example, Korea REACH was introduced in South Korea in 2013 and the UK REACH Regulation was introduced in the UK in 2021 following its withdrawal from the EU.

Since the beginning of each regulation, one of Chemservice’s core services has been the support of its clients in the preparation and submission of various types of dossiers. These range from about 2,000 REACH member dossiers and lead dossiers to 1,500 substance registrations and exemptions in South Korea and about 5,000 downstream user import notifications (DUINS) under UK REACH.

Our many years of international experience ensure that we can provide you with comprehensive advice on the special requirements of the country specific chemical regulations.



Contacts	
Website	www.chemtrec.com
E-mail	chemtrec@chemtrec.com
Head office	US
Tel	1-800-262-8200
Founded	1971

Overview

With more than 50 years of experience, CHEMTREC’s world-leading call centre operates on a 24-hour basis, seven days a week, providing emergency response information wherever hazardous materials are manufactured, stored, transported, or used. With the right procedures and protocols in place, and by doing what’s right quickly and effectively, CHEMTREC helps protect people, minimise environmental impacts, and preserve the assets and reputations of its customers.

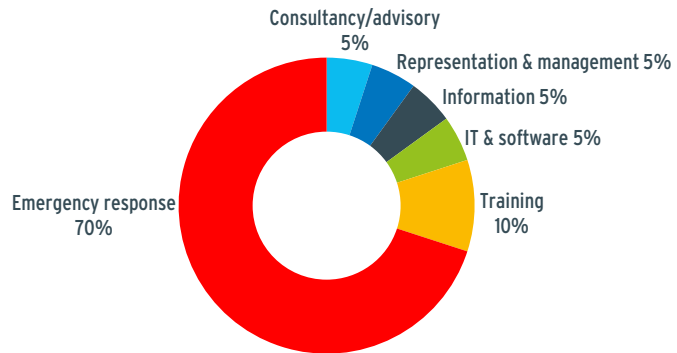
Operating globally, CHEMTREC has offices and partners in major regions and on-the-ground knowledge of local regulations, understanding of local nuances and appreciation of cultural sensitivities. CHEMTREC offers services including emergency response, safety data sheet solutions, hazardous materials training, consulting solutions, incident reporting and lithium battery compliance.

CHEMTREC is proud to contribute to the practice of safe handling and transportation of hazardous materials throughout the supply chain.

Vital statistics

No of offices	2
Staff: group	90
Staff: chemical service provision	35

Service area breakdown



Services provided

Emergency response

- Emergency response phone number
- Cleanup and remediation

Incident reporting

- 5800.1 regulatory reporting
- Incident report distribution

Consulting solutions

- Assessment and prevention
- Preparedness
- Response and recovery

Training

- Online hazmat training

Safety data sheet solutions

- Authoring
- Access
- Distribution

Battery compliance

- Emergency response phone number
- CRITERION® battery test summary service
- Online training

Corporate developments and achievements

1971	Created by the MCA (now The American Chemistry Council), CHEMTREC becomes fully operational
1980	The US Department of Transportation (DoT) formally recognises CHEMTREC as an approved source of information relating to chemical and hazmat incidents
2004	CHEMTREC launches medical information coverage as a service
2006	CHEMTREC hosts its first International Emergency Response Summit in Miami, Florida
2009	CHEMTREC develops an industry solution for the effective marking of lithium batteries in transportation
2010	CHEMTREC establishes the first global network of in-country telephone numbers
2014	CHEMTREC extends its services to include global shipments
2017	CHEMTREC launches safety data sheet solutions
2019	CHEMTREC establishes UK office and introduces online hazmat training
2020	CHEMTREC offers CRITERION lithium battery test summary management service, and partners with China's Nations Registration Centre for Chemicals (NRCC) to create a unified global response for chemical emergencies in China.
2021	CHEMTREC launches Consulting Solutions and celebrates 50 years of serving the chemical industry and emergency responder community
2022	CHEMTREC introduces incident reporting and holds its 3rd international hazmat summit
2023	CHEMTREC develops an online HAZWOPER 8-hour refresher training course CHEMTREC launches Safety Data Sheet Authoring services
2024	CHEMTREC offers incident reporting.
2025	Emergency response expands to offer cleanup and remediation.

Testimonials

Testimonials about our Consulting Solutions services:

“Excellent and safe environment to discuss difficult and sensitive aspects of our role around decision making. Excellent and knowledgeable trainers.”

“We have received nothing but positive comments from our line level personnel to our leadership team. Your energy was infectious and your presentation professional.”

“I am certain that the site is better prepared and will apply the properties of your training to manage an emergency event! We highly recommend you and your efforts for other endeavours in the network!”

Case study 1

Lithium battery fire on cargo plane

A box of lithium-ion batteries for mobile phones was damaged while being unloaded from a cargo plane. The airport fire department knew how to fight lithium-ion battery fires, but called CHEMTREC and asked about hazard information related to the health effects of the combustion and decomposition products given the specific chemistry of the batteries. CHEMTREC identified that the manufacturer was a CHEMTREC customer. CHEMTREC’s emergency services specialists (ESS) discussed the safety data sheet (SDS) from the battery manufacturer with the fire department. Then, the ESS called the manufacturer to help identify the exact battery models present in the shipment. Afterwards, CHEMTREC sent the manufacturer a written case report.

Case study 2

Medical advice for human exposure

A Spanish-speaking doctor called CHEMTREC from a major hospital in Mexico. Two construction workers had been accidentally exposed to a solvent through inhalation and skin contact. The manufacturer of the solvent was a CHEMTREC customer. After connecting to a Spanish interpreter, CHEMTREC identified the manufacturer and product name located on the safety data sheet.

CHEMTREC connected the caller and interpreter to our poison centre partner and provided them with the SDS. The poison centre partner provided the required medical advice related to treatment strategies. The manufacturer was notified by phone and received a written case report from CHEMTREC.

Case study 3

Rail transport gas release

A fire department called CHEMTREC about a leak of chlorine from the discharge valve of a tank railcar close to a residential area. The shipper was a CHEMTREC customer. Our emergency services specialists (ESS) provided information from the emergency response guide and product specific information from the manufacturer’s safety data sheet to help the fire department conduct a risk assessment. The ESS connected the fire department with the manufacturer’s product specialists.

It was decided that the CHLOREP mutual aid scheme should be invoked. Our ESS initiated the scheme, making sure that appropriate response support was deployed on the scene. CHEMTREC activated the shipper’s crisis management teams using mass communications. Afterwards, the case report was sent to the shipper.

Case study 4

Less than a truckload (LTL) spill

A carrier called CHEMTREC reporting that a forklift had punctured a 55-gallon drum of flammable and toxic (class 3 and 6.1) product, causing a product release of 20 gallons in the trailer at the terminal. The shipper of the product was a CHEMTREC customer and the carrier was also registered with CHEMTREC. While the carrier was aware of the hazards of transporting such products, a CHEMTREC emergency services specialist (ESS) provided them with detailed product-specific information, including precautions, PPE, clean-up methods, and disposal information. The carrier did not want to handle the spill response, so the ESS provided them with the contact details of a Level 3 provider in the area who could respond to the spill.

Immediately after receiving the call, the ESS contacted the shipper’s emergency contacts and notified them of the situation involving their product. A written case report was sent to both parties involved.

Case study 5

Spill at a furniture manufacturing plant

A furniture manufacturing plant called CHEMTREC and reported the rupture of a pipe that caused the release of several hundred litres of flammable adhesive in an enclosed area of the plant. The manufacturer of the adhesive was a CHEMTREC customer. Using the manufacturer’s SDS and considering available resources, CHEMTREC proposed a plan to promote fire safety and clean up the spill. However, it was revealed that the staff at the plant did not have the spill response training and equipment required to handle the situation safely.

CHEMTREC recommended calling the fire department to make the situation safer and provided the contact details of a Level 3 provider in the area for proper spill cleanup. The adhesive manufacturer was notified by phone and received a written case report.

Staff selection

Andrew LaVanway – Chief Executive

Andrew H. LaVanway is responsible for the strategic direction and performance of the company as well as leading the senior management team. Before CHEMTREC, Andrew was employed at ICF, where he led a series of mission-driven businesses serving both public- and private-sector clients. Previously, Andrew led a boutique government, transportation, and healthcare public affairs firm in the DC metro area. He also worked as an associate staff member for the US House Appropriations Committee (Subcommittee on Defense), a legislative director for former US Rep. Jay Dickey, and a senior legislative assistant for former US Rep. Curt Weldon.

He has a BA in Economics from Gettysburg College, an MBA from Georgetown University, and a series of leadership certificates from Harvard Business School. Andrew is an active angel investor, former chairman of the Alexandria Public Health Advisory Commission, a certified firefighter, and an emergency medical services officer in Calvert County, Maryland.

Rich Davey – International Business Director

Rich Davey serves as the Director of International Business. With nearly 20 years of experience working with private and public sector organisations who have complex risk and compliance challenges, Rich is responsible for forming strategic partnerships with international accounts that interface into and out of the US. Having worked with many multi-national businesses, Rich uses his experience to develop international partner networks around the world. His international customers truly value Rich’s efforts to minimise operational risks and help with compliance whilst protecting their bottom line.

Erica Fischer – Training, Outreach, and Partnerships Director

Erica joined CHEMTREC in 2019 overseeing crucial aspects such as training, public service initiatives including TRANSCAER, the HELP Award, and Community Outreach programmes, and fostering partnerships. Her role involves cultivating relationships with private and public sector entities such as government partners, chemical manufacturers, distributors, emergency responders, trade associations, and transportation carriers.

Her expertise extends to all-hazard exercise design and evaluation, reflecting her commitment to excellence in emergency preparedness.

Erica has a Master of Arts in Homeland Security and Emergency Preparedness from Virginia Commonwealth University and has completed the Master Exercise Practitioner Program (MEPP) at the Emergency Management Institute. She is an EMT and HAZWOPER Instructor.



Contacts	
Website	www.cirs-group.com
E-mail	service@cirs-group.com
Head office	11/E Bldg 1, Dongguan Hi-Tech Park, 288 Qiuyi Rd, Binjiang District, Hangzhou, China
Tel/fax	+353 (1) 477 3710 (Ireland) +86 571 8720 6574 (China) +86 8720 6533 (fax)
Contact	David Wan
Directors	Lucy Li, President of CIRS Group; Walt Lin, Vice President of CIRS Group; Hangsik Yim, Managing Director of CIRS Group Korea; David Wan, Managing Director of CIRS EU, UK and US
Ownership	Private company
Locations	China (Beijing, Hangzhou, Nanjing, and Shanghai), South Korea (Seoul), Ireland (Dublin), US (Arlington) UK (London) and Japan (Tokyo)
Founded	2007

Overview

Established in 2007, the CIRS Group is a leading product safety and regulatory consulting firm. CIRS has branch offices in the Republic of Ireland, South Korea, the United States, the United Kingdom, Japan and China. It utilises its technical expertise, resources, and international network to provide comprehensive compliance services across multiple industries including chemicals, cosmetics, food, FCMs, medical devices, and agrochemical products.

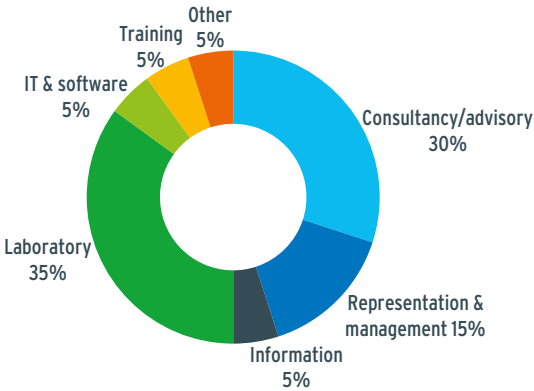
CIRS Group provides a variety of services including regulatory compliance, laboratory testing, R&D and data services to help clients gain a competitive advantage by reducing business risks associated with regulatory affairs.

Vital statistics

2023/24

Turnover: group	approx €30m
Turnover: chemical service provision	approx €15m
No of offices	11
No of countries represented	6
Staff: group	500
Staff: chemical service provision	approx 35%

Service area breakdown



Global Offices

CIRS China, CIRS South Korea, CIRS Europe, CIRS US, CIRS UK and CIRS Japan.

Services provided

Global GHS compliance

SDS and labelling services for:

- North America;
- EU;
- China; and
- Asia Pacific.

We also offer chemical consumer product labelling and 24hr emergency telephone number services for China.

Global chemical notification

Registration services:

- EU REACH (also OR services);
- China new chemical substances and hazardous chemical;
- K-REACH, KBPR and Kosha;
- Taiwan TCSCA, and OSHA;
- Turkey KKDİK; and
- India CMSR.

We also offer chemical notification in other regions including Japan, the Philippines, the US, Brazil, Ukraine and Australia.

Global food compliance services

- US GRAS and NDI notification
- US FDA food and dietary supplement compliance
- EU novel food application
- Regulatory compliance for FCMs in China
- New food raw material and additive (including GMO) registration in China
- Dietary supplement registration and filing in China
- Infant formula registration in China
- FSMP product registration for China
- China GACC overseas manufacturers registration for imported foods

Cosmetics and ingredients registration in China

- Cosmetics registration
- New ingredient registration
- Cosmetic ingredient safety information code application
- Toxicology safety assessments
- Formula and label reviews
- Customs clearance assistance
- Regulatory compliance testing services

Cosmetics and ingredients registration in South Korea

Provide notification and registration services for quasi-drug products and functional cosmetics. We also provide consulting services for GMR.

Cosmetic services in the EU and UK

- **Pre-clinical and clinical safety trials:** design and realise *in vitro* tests, providing reports with analysis and conclusion.
- **Hazard profiles and risk assessments:** comprehensive risk-based safety assessments of cosmetic ingredients and products.
- **Regulatory monitoring:** survey of cosmetic ingredients based on EU and UK cosmetic regulations, other local regulations and international rules.
- **Product information file (PIF):** provide a cosmetic product safety report (CPSR) and ensure the completeness of PIF.
- **Labelling and communication:** validate the text and regulatory notices on the packaging in French, Spanish and English. Compile the regulatory documents necessary for import/export. Notify cosmetic products on the European portal (CPNP).

Testing services

- China ecotoxicology
- SVHC list testing
- China RoHS
- *In vitro* testing
- Consumer goods safety testing.
- Hazardous chemical testing
- FCM testing (EU, US and China)
- Cosmetics efficacy testing

Corporate developments and achievements

2007	Founded in Hangzhou
2008	Europe subsidiary established
2010	China – first chemical safety report completed by CIRS
2011	Partnership with JEMAI and became JAMP member Nanjing subsidiary established
2013	CIRS Testing Centre (C&K Testing) established
2015	Beijing subsidiary established
2016	Completed 100th typical notification under China REACH
2017	US subsidiary established
2018	South Korea subsidiary established Partnership with Chemsafe
2019	Authored 100,000th global SDS Completed 3,000th K-REACH pre-registration Completed 10,000th China Cosmetics Registration Hosted the Asian Helsinki Chemicals Forum and the fourth Summit meeting on Chemical Regulations in Asia Pacific (HCF&SMCR 2019). Acquired full CNAS/CMA testing qualifications of FCM products
2020	UK subsidiary established
2021	CIRS Cosmetics efficacy testing centre established
2022	Unveiled new visual identity
2023	Shanghai subsidiary established
2025	Japan subsidiary established

Accreditations

We are a China-certified SDS service provider. Our laboratory is CNAS, CMA, and CPSC accredited. We also hold a JAMP membership certificate.

Partners

Chemsafe, JEMAI, Eurofins, KTR, Flashpoint, ExperTox, Arcadis, Cafe24, SRICI, Cekindo, and Export Access.

Clients

We have worked with more than 20,000 clients and partners across multiple industries, including chemicals, cosmetics, biocides, agrochemicals, food, medical devices, and consumer goods. Our services are used by 70% of Chinese chemical companies. More than 600 international corporations are currently using our services to fulfil their product regulatory obligations around the world. 55% of clients have been working with us for more than five years and 80% for more than three years.

Staff selection

Yunbo Shi, Chief Operations Officer, Toxicologist, CIRS HQ

Yunbo has more than 16 years’ experience in regulatory affairs, product safety, and product stewardship for multiple industries including chemicals, cosmetics and pesticides. He is a certified toxicologist (DCST) and co-author of the book Chemical Product Safety Regulations and Risk Assessment (ECUST press).

He holds a BSc degree in chemistry from the University of Science and Technology of China (USTC) and an MSc degree in chemistry from the University of Maryland College Park (in the US).

Michael Chang, PhD – Chief Technical Officer, DABT, DCST, CIRS HQ

Michael graduated from the University of Science and Technology of China. He is a leading technical expert in the risk assessment of chemicals in China. Since 2011, his team has completed more than 300 REACH LR projects and has prepared more than 1,000 risk assessment reports for registration in the EU and China. All reports have been accepted by the authorities. His team has also compiled thousands of SDSs for global enterprises.

He is proficient in various chemical risk assessment software and QSAR models such as EPA-SUIT, QSAR toolbox, VEGA, IUCLID 6, and CHESAR.

Queenier Yang – Technical Director of Chemical Technology Sector, Toxicologist, CIRS HQ

Queenier has more than 15 years’ experience in global chemical regulations including EU REACH, K-REACH, KKDİK, UK-REACH, US TSCA and Canada DSL/NDSL. Her expert use of QSAR and read-across instead of testing, successfully gains compliance with REACH-LIKE regulations. Her team has completed thousands of notifications/registrations covering China REACH and overseas chemical regulations.

April Guo – Personal Care Sector Manager/Senior Consultant, Toxicologist, CIRS HQ

April has more than ten years’ experience. She leads the personal care team and helps globally renowned cosmetic companies and ingredient suppliers with regulatory compliance for thousands of products each year. She is frequently invited to imbue her extensive knowledge by providing training to foreign cosmetic companies at international regulatory conferences.

Cathy Yu – Food Sector Manager/Senior Consultant, Toxicologist, CIRS HQ

Cathy is a certified toxicologist of the Chinese Society of Toxicology. She majored in food science and engineering, is very familiar with the food industry and has extensive experience with China’s food-related laws and regulations. She has been invited to Germany, France, the US, South Korea and many other countries to give training to food-related companies at international regulatory conferences. She has worked for the CIRS Group for more than 12 years and leads the food business division in assisting globally renowned food companies.

Eric Xiong – Director of Industrial Chemicals Sector, CIRS HQ

Eric has 14 years’ experience in product stewardship and regulatory compliance for the chemical industry in China, the EU, and other Asian Pacific countries. His team has provided solutions for hundreds of enterprises to achieve chemical regulatory compliance and helped clients place thousands of chemicals onto the market in China, the EU, and other Asia Pacific countries without barriers.

Bryan Zhou – Deputy General Manager/Senior Consultant, CIRS Europe

Bryan has ten years’ practical experience in global chemical and cosmetic regulations including the EU, the UK, China, South Korea, and other Asia Pacific countries. Together with his team, he has completed hundreds of projects covering EU REACH registrations, Poison Centre Notifications, UK REACH, K-REACH, KKDİK, Global GHS, and China chemical and cosmetic management.

Edwin Wen – Managing Director/Senior Consultant, CIRS Beijing

Edwin has 14 years’ experience providing medical device regulatory services for CIRS. He leads a dedicated team to help global medical device companies develop regulatory compliance procedures for their products and formulate solutions for regulatory approval, clinical trials, quality assurance, and gaining a registration certificate or manufacturing/distribution licence in China.

Junho Lee – Director of CIRS Group South Korea

Junho has 18 years’ international experience, specialising in the field of chemical regulations, standards, and certifications in South Korea, China, and Europe. He has supported industry with major updates to chemical regulations around the world including EU REACH, and South Korea’s K-REACH.

Kyonga Park – General Manager of CIRS Japan

Kyonga has extensive experience in global chemical regulatory compliance including Japan CSCL, K-REACH, TSCA, and China REACH (MEE Order 12). She is skilled in performing independent chemical exposure and risk assessments, as well as crafting SDS and labels. She also offers specialised product compliance consulting and technical services for other industries, covering agrochemical, disinfectants, cosmetics, food and food-related products.



Contacts	
Website	www.ebrc.de
E-mail	info@ebrc.de
Head office	Kirchhorster Straße 27, 30659 Hannover, Germany
Tel/fax	+49 511 898389 0, +49 511 898389 10 (fax)
Contact	Torsten Grewe
Directors	Dr Rüdiger V Battersby
Ownership	Privately owned
Locations	Germany
Founded	1993

Overview

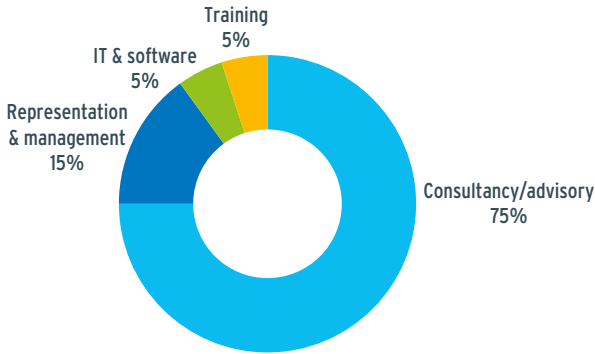
EBRC is a privately owned consulting organisation based in Hannover, Germany, providing consulting services with a focus on the chemical, biocidal and agrochemical industries. EBRC specialises in scientific experience in all key disciplines relevant to product safety with respect to human health and the environment. Taskforce management and coordination of industry consortia is another important aspect of our work.

Vital statistics

2023/24

No of offices	1
No of countries represented	1
Staff: group	68
Staff: chemical service provision	40

Service area breakdown



Global offices

EBRC Consulting GmbH: Kirchhorster Straße 27, 30659 Hannover, Germany.

Services provided

Industrial chemicals – REACH

- EBRC offers comprehensive scientific, regulatory and administrative support on industrial chemicals, including:
- data gathering, literature searches, and evaluation;
 - data gap analysis, closing of data gaps, and study monitoring;
 - chemical safety assessment (CSA) and report (CSR);
 - generation of “read-across assessment framework” (RAAF) documents;
 - PBT, vPvB and assessment;
 - endocrine disrupting properties (ED) assessment (human health and environment)
 - technical dossier (IUCLID);

- identification of known uses;
- development of exposure scenarios for HH and ENV;
- risk characterisation;
- classification and labelling;
- safety data sheets;
- QSAR calculation and reporting (QMRF, QPRF);
- consortium and Sief management; and
- preparation of CLH dossiers.

Agrochemicals

- Active substance approval and national product registration. EU notification of active substances governed under regulation (EC) No 1107/2009:
- support of existing substances in the context of the renewal programme of the EU (AIR);
 - support of new active substances;
 - completeness checks, validation of existing studies, literature surveys; and
 - full dossier preparation including risk assessments, literature search report, submission and defence of dossiers in the review and evaluation process.

- Product registration dossiers for national authorisations in EU member states including zonal dossiers:
- all dossiers (dRRs) for registration and re-registration of plant protection products, label extensions, formulation changes and mutual recognition;
 - services include compilation of all required documents, conduct of exposure and risk assessments, biological dossiers, advice in closing data gaps, the supervision of experimental studies, as well as submission of the application to competent authorities and attendant contacts/ services during the registration process;
 - previous experience (among others) includes herbicides, fungicides, insecticides, rodenticides, nematocides and growth regulators;
 - task force management; and
 - PPP IUCLID dossiers (experience from chemicals for over 20 years).

Biocides

- EBRC provides experienced support for all key phases of the evaluation and registration process of biocides:
- dossier preparation and defence in the regulatory process both for active substances and biocidal products are our primary services;
 - active substances (inclusion into the BPR list of approved substances (Reg (EU) No 528/2012));
 - biocidal products (registration/authorisation in EU member states);
 - taskforce/consortia management;
 - IUCLID dossiers; and
 - evaluation of substances – as specified for industrial chemicals and agrochemicals above.

Special services

- EBRC has inhouse experienced scientific support for a wide range of statistical services:
- statistical (re)evaluation of data;
 - implementation of EU-models and/or scenarios (eg as given in OECD emission scenario documents);
 - ready-to-use spreadsheet solutions for various applications (eg substance specification);
 - probabilistic exposure assessments;
 - derivation of species sensitivity distributions; and
 - Bayesian approaches for (occupational) exposure assessments.

- Based on long-term involvement in major EU risk assessment projects, EBRC is very familiar with handling extensive databases, including:
- importing and (re)structuring of data;
 - online generation status update reports; and
 - provision of web interfaces for data-entry and analysis.

Corporate developments and achievements

1993	Foundation of EBRC (initial staffing: six people)
2021	Continual growth, leading to a current staff count of 68 Headquarters moved within Hannover

Clients

A wide range of companies producing agrochemicals, biocides and industrial chemicals and/or formulated products.

Case study 1

MEASE

On behalf of Eurometaux, EBRC developed a tool for the estimation and assessment of occupational exposure (MEASE), which combines approaches from the EASE expert system, from the TRA tool and from the Health Risk Assessment Guidance for Metals (HERAG) document. It represents a widely used first-tier screening tool for occupational inhalation and dermal exposure to metals and inorganic substances.

Case study 2

HERAG (Health Risk Assessment Guidance)

With its extensive background in metals risk assessments, EBRC was contracted from 2005- 2007 by the European metals industry to compile a guidance document for the human health risk assessment of metals and inorganic metal compounds. The HERAG documents provide guidance to the worldwide regulatory and scientific community on several aspects of risk assessment methodology for metals where classic tools developed for organics are not applicable.

Case study 3

RiCoG

The Rigorous Containment Guide (RiCoG) provides guidance to registrants of isolated intermediates on how rigorous containment (RiCo) of their intermediates can be assessed and documented according to the stipulations of the REACH Regulation (EC) 1907/2006.

In an integrated assessment of strictly controlled conditions (SCC) for an entire process (adopted from an approach published by Hirst et al [2002]), RiCoG can be used to prioritise individual process steps requiring higher tier assessments, and provides an easy and structured way to assess and to document RiCo for the remaining process steps. Experts from various metals industries have contributed with their practical experience to the development of RiCoG.

Case study 4

Development of standard handling frequencies of rodenticide baits

Due to the non-existence of robust figures describing the handling frequency of baits by professional pest control operators, EBRC was entrusted by the rodenticides industry to derive a suitable proposal. Data were collected from various (quite heterogeneous) sources (industry and pest control business) and analysed statistically.

Based on this analysis, the European Commission and EU member states agreed on default bait handling figures that are the current standard for operator exposure assessment and have been a key prerequisite for including anticoagulant rodenticide active substances in Annex I of Directive 98/8/EC.

Staff selection

Rüdiger Battersby – Director

Rüdiger Battersby is the founder and director of EBRC. After his PhD in biochemistry, he took up a position as manager of contract research organisation IBR in Hannover, from which he switched to EBRC. Apart from his responsibilities as managing director and principal coordinating toxicologist, he acts as supervisor for all of EBRC’s agrochemical, biocidal and industrial chemical risk assessments.

His professional expertise encompasses involvement in the German government’s review programme (BUA) on existing chemicals, representation of industry consortia in risk assessment conducted under the ESR programme (793/93) and at EU-TCNES level, as well as the conduct of several dozen occupational exposure surveys in various sectors of the chemical industry. Among other professional activities, he is an appointed member of the German Chemical Society’s Expert Gremium for Chemicals Safety.

Arne Burzlaff – Senior Registration Manager Industrial Chemicals

Arne Burzlaff graduated as a chemist in 2000 and obtained a PhD in technical chemistry/biotechnology in 2005. He worked for the German Federal Institute for Occupational Safety and Health’s division for chemicals and biocides regulation (2005-2007), on dossier evaluation for biocides, collaboration in EU working groups and scoping issues on borderline cases among legal frameworks.

Since 2007, he has been working for EBRC as senior scientist/toxicologist. In this position, he has been compiling REACH registration dossiers, with a focus on human health hazard assessment and risk characterisation, and initiation and monitoring of experimental studies on industrial chemicals.

Dagmar Piwanski – Head of Department Agrochemicals Registration

Dagmar Piwanski graduated as agricultural engineer from the University of Hannover in 1994. After working for a contract research organisation and at the German authority for plant protection authorisation (BBA, now BVL), she has been working for more than 20 years for EBRC as a registration manager in agrochemicals and biocides.

In 2024, she took responsibility as head of the department where she coordinates and supervises the dossier compilation for product registration and active substance approval under Regulation (EC) No 1107/2009, data gap analysis and monitoring of experimental studies on active substances and plant protection products.

Silke Burger – Senior Registration Manager Biocides

Silke Burger graduated as a biologist in 2000 and obtained a PhD in molecular biology/toxicology in 2004. Since 2006, she has been working for EBRC as registration manager for biocides.

In this position, she has been compiling dossiers in support of active substances approval according to Directive 98/8/EC and BPR (Reg (EU) No 528/2012) and registration of biocidal products, with a focus on human and environmental exposure assessments and risk characterisations, and further initiation and monitoring of experimental studies on active substances and biocidal products.

Daniel Vetter – Senior Consultant Special Services

Daniel Vetter graduated as Dipl.-Ing Agr from the University of Hannover in 2003. His main responsibilities for EBRC include the development and implementation of novel statistical techniques in human health risk assessments.

He developed MEASE, an assessment tool for occupational exposure providing first-tier estimates of inhalation and dermal exposure to metals. As part of his current work, he incorporates probabilistic techniques into the human equivalent concentrations (HEC) approach.



Contacts	
Website	www.erbc-group.com
E-mail	info@erbc-group.com
Tel/fax	+33 2 48230023/+39 06 91095263
Contact	info@erbc-group.com
Directors	Christophe Priou (CEO)
Ownership	Privately owned
Locations	France (HQ) and Italy
Founded	2019

Overview

Born on 1 November 2019, when CERB (France) acquired the toxicology activities of RTC (Italy). By merging the complementary portfolios of pharmacology and toxicology a new full-service provider was created and renamed ERBC. ERBC is a European leader in non-clinical studies. It offers healthcare and chemical professionals a comprehensive range of experimental capabilities, preclinical models, regulatory pre-IND package and consultancy services to de-risk innovation and improve R&D productivity.

Based in Baugy, near Paris (France) and in Pomezia, near Rome (Italy), ERBC provides all services from preclinical proof-of-concept to market of any type of drug candidate or chemical compound. Each project is managed by a study director, relying on a multidisciplinary team of experts, notably in general, genetic and reproductive toxicology, carcinogenicity, pharmacology and safety pharmacology, non-clinical cardiology, electrophysiology and pathophysiology, also benefiting from a world class academic and private network.

Every year, study reports from our two centres are successfully used in support of the market authorisation of new product approval submissions around the world, including the European (EMA, ECHA), US (FDA and EPA) and Japanese (MHLW and MAFF) regulatory authorities.

Investment in outstanding scientific and technical manpower, high-tech equipment and facilities are crucial cornerstones of our sound and organic growth. The quality and reliability of our performance is reflected by the many ongoing and long-lasting collaborations we maintain with leading international pharmaceutical and chemical companies.

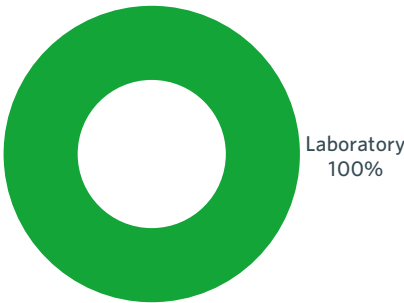
ERBC is deeply engaged in animal ethics and welfare. ERBC supports the Basel Declaration, respects the 3Rs concept and continually improves its tools and procedures to maximise the balance between the benefit for health and the animal well-being.

Vital statistics

2023/24

No of offices	6
Staff: group	>350

Service area breakdown



Global offices

- ERBC Baugy – Chemin de Montifault, 18800 Baugy, France
- ERBC Blois – 6 Rue des Champs Godin, 41220 Saint-Laurent-Nouan, France
- ERBC Lyon – 43 Boulevard Du 11 Novembre 1918 LAtrium, 69100, Villeurbanne, France
- ERBC Dommartin – 1305, route Lozanne. 69380 Dommartin, France
- ERBC Pomezia – via Tito Speri 12/14, 00071 Pomezia (Rome)

Services provided

- Genetic, *in silico* and *in vitro* toxicology
- General toxicology, carcinogenicity
- Reproductive toxicology and juvenile toxicology
- Preclinical proof-of-concept and early safety
- Safety pharmacology and general pharmacology (*in vitro* and *in vivo*)
- Analytical support (PK/PD and metabolism, analytical chemistry, bio-analysis, immunology, histopathology)

Infrastructure and team

- Animal facilities: dedicated facilities for each species (rodents, non-rodents including dogs, minipigs and non-human primates) with surgical suites and histopathological laboratories
- Analytical laboratories (small and large molecules) for GLP and non-GLP analyses
- Secured data centre
- Project coordination, project management and alliance management
- Full study reporting including SEND
- Multi-disciplinary team of experts: toxicologists, pathologists, pharmacologists, biologists, pharmacists, chemists, veterinarians and engineers

ERBC is continually investing in highly trained scientists and state-of-the-art technologies. The company has also established, and continues to set up, strategic scientific and technological partnerships both with academia and life-science companies.

Corporate developments and achievements

1972	Foundation of Italian facilities (RTC now ERBC Pomezia)
1973	Foundation of French facilities (CERB now ERBC Baugy)
1987	First GLP certification
2012	AAALAC accreditation
2014	Start of cooperation between CERB and RTC
2019	CERB acquires RTC: foundation of ERBC
2021	ERBC acquires Bioprim (now ERBC Toulouse)
2022	ERBC acquires Laboratoires Novaxia (now ERBC Blois) ERBC acquires Oncofactory (now ERBC Lyon)
2023	ERBC acquires Voxcan (now ERBC Dommartin)

Accreditations

- AAALAC
- GLP
- FDA approved
- ISO 14001:2004
- BSOHSAS 18001:2007
- EcoVadis

Partners

We collaborate with partner laboratories for ecotoxicology, physicochemical properties, inhalation studies and regulatory support.

Clients

We serve a wide range of clients, from SMEs to global corporations, consortia and industry associations worldwide. Confidentiality agreements preclude the possibility of naming them.

Testimonials

Testimonials can be provided upon request.

Case study

ERBC works hand in hand with academic and industrial partners during the early stages of drug development to demonstrate the pre-clinical proof-of-concept of a test compound, ultimately aiming to convert it into a drug candidate.

ERBC performs a range of *in vivo* assays and offers numerous animal models of human diseases covering almost all therapeutic areas.

At ERBC, we consider this initial step of *in vivo* proof-of-concept studies as essential to minimising the risks of late attrition during clinical trials, remembering that the lack of clinic efficacy is one of main causes of late attrition during drug development. ERBC offers the clear advantage to run these pivotal studies under Good Laboratory Practice (GLP).

Very often, the development of new chemical entities (NCE) must be stopped following abnormal toxicity, safety margin issues, mutagenicity, cardiovascular or neurological adverse effects. To detect these deleterious events as early as possible, ERBC conducts exploratory safety programmes combining *in vitro* and *in vivo* toxicity assays (in rodent and non-rodent species) and predictive biomarkers.

To optimise costs and timing, the administrative work is minimised as much as possible, the experimental procedures are described in standard study plans, and all details specific to each study will be described in an information study sheet.

Optimised costs are also achieved through a reduction of animal numbers while sensitivity is maintained by using low variability models, appropriate statistical designs (biostatisticians in the team) and the application of very powerful approaches such as the probabilistic method. In the same way, a summary report including the results of each test in each model, the interpretation of results and a description of the experimental methods are issued just after the end of the final experimental phase (less than two weeks after the last experimentation).

With more than 200 validated methods and models, a facilitated access to patient samples and a world class academic and industrial network, ERBC is uniquely positioned to establish the preclinical proof-of-concept of any therapies.

Thus, by performing *in vitro* functional assays and custom-designed assays and assessing the therapeutic effect of a test compound in relevant anima models, ERBC converts next-generation therapeutics into validated drug candidates across almost all therapeutic areas and indications (except infectious diseases).

In addition, the company also conducts exploratory programmes that allow early detection of deleterious adverse effect and toxicity induced by new chemical entities.

Together, these translational studies contribute to clarify the mechanism of action of a drug candidate and, obviously, improve risk-taking and decision making.

To establish the toxicological profile of new compounds, or to extend the known profiles of an existing one (new indications, new formulations, new routes of administration ...), ERBC offers a full range of services from exploratory programmes to fully GLP-compliant toxicology studies. The latter range from acute and chronic toxicity - with different species and multiple routes of administration - to specialty toxicology. These data support human clinical trials and marketing authorisation approval around the world.

Today, the company is a leading innovator in the discipline. ERBC scientists develop advanced tools, assays and models that contribute to a reduction in the use of animals and improve data predictivity and they participate in interdisciplinary working groups that shape the future of toxicology.

Staff selection

Pascal Champeroux

Executive Scientific Advisor

Silvana Venturella

Test Facility Manager and General Manager, ERBC Italy and France

Alexandre Bidaut

Client Solutions Director, ERBC Group

Raafat Fares

Chief Scientific Officer

Rosaria Cicalese

Expert in Reproductive Toxicity Studies, Senior Study Director

Catherine Botteron

Associate Scientific Director, Senior Pathologist

Francesca Calfapietra

Head and Expert, Analytical Chemistry Department

Nathalie Mokrzycki

Head and Expert, Analytical Chemistry Department

Marie-Laure Sola

Alliance Management Director

Daniela Gallo

Head of Toxicology

Pascal Clayette

Immunologist, Virologist

Françoise Horand

Alliance Management Director



Contacts	
Website	www.erm.com
E-mail	carolyn.thomas@erm.com
Head office	2nd Floor Exchequer Court, 33 St Mary Axe, London, C3A 8AA, United Kingdom
Tel/fax	+44 203 206 5386
Contact	Carolyn Thomas, Regional Service Leader (SP&SC), EMEA
Directors	>550 partners globally
Ownership	Private limited company
Locations	40+ countries
Founded	1971

Overview

As the world's largest specialist sustainability consultancy, ERM partners with clients to operationalise sustainability at pace and scale, deploying a unique combination of strategic transformation and technical delivery capabilities. With more than 50 years’ experience, ERM’s diverse team of 8000+ experts in over 40 countries and territories helps clients create innovative solutions to their sustainability challenges, unlocking commercial opportunities that meet the needs of today while preserving opportunity for future generations.

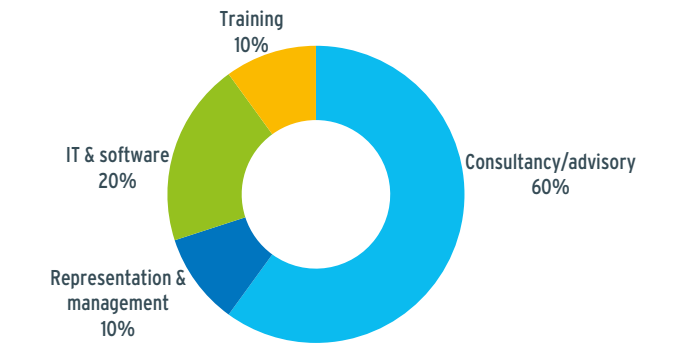
ERM sustainable product stewardship and supply chain services help organisations minimise environmental impacts throughout the product lifecycle; take new, innovative, and safer products to market; support the responsible use of resources and a safe environment in manufacturing, distribution and end of life management; protect market share through the successful defence of active substances and products, and ensure chemical regulatory compliance.

Our 200+ experts have extensive knowledge and experiences across the full spectrum of product stewardship services, and we differentiate ourselves by offering seamlessly integrated global product stewardship and compliance services as part of our supply chain solutions, making us a one-stop provider.

Vital statistics

Turnover: group	\$700m
Turnover: chemical service provision	\$40m
No of offices	150+
No of countries represented	40+
Staff: group	8,000+
Staff: chemical service provision	200+

Service area breakdown



Services provided

Locally rooted and globally connected services

- Regulatory compliance strategy, auditing, monitoring
- Digital services related to product stewardship
- Dangerous goods classification, and/or trade compliance
- Extended producer responsibility
- Life cycle assessments and carbon footprint analyses
- Scientific data development and/or study management
- Registration service
- Product safety classification under GHS and/or risk assessment
- Optimisation of product stewardship programmes
- Supply chain support
- Circular economy services
- Emerging issues PFAS, SVHC, SoC, hazard classes: ED, PBT/vPvM/PMT materiality and assessment and enterprise risk services
- Chemical e-fate modelling
- Safety data sheet systems and authoring services
- Product stewardship due diligence and transaction support
- Consortia and SIEF management
- Data management and ChemDataSharing
- Sustainable sourcing and supplier management
- Responsible product, supply chain and supplier compliance

ERM brings extensive expertise, strong partnerships, and deep industry knowledge across a wide range of sectors, positioning us as a trusted leader in product stewardship: chemical, plant protection, biocides, animal health, pharmaceuticals, consumer goods, medical devices, food contact materials, technology, biologicals, diversified energy, manufacturing.

We hold accreditations for ISO 9001 and ISO 14001.

Corporate developments and achievements

2015	Acquisition of ReachCentrum
2016	Acquisition of JSC Successful implementation of global chemical registration programmes including EU, US, CA, China, South Korea, Japan, Philippines, Australia and New Zealand
2017	ERM wins 10th REACH authorisation project with all completed projects receiving maximum review period (12 years)
2018	Development of data brokerage and data management activities through ReachCentrum, an ERM Group company
2020	Launch of the SustainAbility Institute by ERM, a global think tank and advisory who inspire and enable business to lead the way to a sustainable economy
2024	ERM joined the Science Based Targets Network (SBTN) Corporate Engagement Programme in 2022 and became an official SBTN referral organisation in 2024 - Named ESG and sustainability consulting leader by Verdantix Green Quadrant 2024 - Named market leader in sustainability services by HFS Horizons: Sustainability Services, 2024
2025	Acquisition of NewFields, expanding existing technical and strategic offerings in remediation and environmental services, including PFAS

Testimonials

“Partnering with ERM has enabled Clariant to strengthen the credibility and transparency of our Portfolio Value Program, ensuring alignment with WBCSD portfolio sustainability assessment (PSA). Their expertise has been crucial, to optimise our methodology and proactively preparing for upcoming EU regulations.” *Bettina Siggelkow - Head of Sustainability Affairs, Clariant*

Partners

Sphera, SAP, Lisam, Enablon, Salesforce, Optel, Novata, Obelis (Belgium), CDM (Ukraine), Chemleg (Turkey), Dell Tech (Canada).

Clients

In the past five years we have worked for more than 70% of the Global Fortune 100 and more than 55% of the Global Fortune 500 companies.

Case study 1

Enhancing Clariant’s Portfolio Value Program

Clariant partnered with ERM to enhance their Portfolio Value Program (PVP) to align with current and future sustainability standards and regulations. This collaboration aims to ensure that Clariant’s sustainability initiatives remain credible and effective in a changing regulatory landscape.

ERM assisted Clariant in aligning their PVP with the WBCSD’s updated Portfolio Sustainability Assessment (PSA) 2.0 framework and the EU Green Claims directive, ensuring regulatory fitness and proactive preparation for future requirements. The partnership has strengthened Clariant’s PVP by enhancing its methodology, boosting transparency, and improving communication materials, thus better demonstrating their commitment to sustainable practices. More information [here](#).

Case study 2

DuPont sustainability and emerging chemical issues

Scientists learn more every day about the 45,000+ chemicals on the global market. As the public and regulatory agencies learn of those findings, they call for action. ERM is working with clients at the cutting edge of chemical sustainability. A team of ERM authors dug deeply into the data and published a book on this topic, entitled Emerging Contaminants: Anticipating Developments (CRC Press 2020). We are proud to work with global innovation leaders like DuPont, which recently acknowledged ERM’s engagement in a press release.

“To date, DuPont has achieved the following milestones...Engaging with ERM, an accredited third-party expert and leading global provider of EHS and sustainability related services, to review our management of substances of current and emerging concern to further improve our processes and protocols.”

Staff selection

Linda-Jean Cockcroft – Partner Product Stewardship, EMEA

With more than 15 years’ experience in global regulatory and business compliance, particularly in EU policy, sustainability, and chemicals regulation, Linda-Jean is a recognised expert on PFAS, advising global clients on business risks, regulatory impacts, and legacy contamination. Linda-Jean also provides strategic guidance on evolving EU regulations such as the Chemical Strategy for Sustainability and supports sustainability reporting, including CSRD and environmental metrics.

Dr Jo Lloyd – Partner Product Stewardship, EMEA

An experienced product stewardship professional with 20+ years’ expertise in EU REACH registration and authorisation challenges and more recently in UK REACH. She is also routinely involved in the assessment of gaps in product stewardship and chemicals management programmes as a part of global diligence investigations and in supporting companies to optimise their programmes and providing the tools to fill these gaps globally.

Kathleen Sellers – PE Technical Partner North America

Assists clients in building and auditing global product sustainability programmes and fulfilling specific regulatory requirements for chemical registration and reporting, hazard communication, and other product compliance requirements. Recently published her fourth book, ‘Product Stewardship, Life Cycle Analysis and the Environment’ (CRC Press).

Dr Beth Dederick – Partner, North America

20 years of environmental consulting experience focused on supporting the chemical, oil and gas, and manufacturing industries’ compliance with North American product stewardship regulations. Leads global compliance programmes for clients with target markets in North America, APAC, LATAM and EMEA. Past President for the Society for Chemical Hazard Communication. PhD in Environmental Health Policy.

Dr Ken Liu – Partner ERM Taiwan, Asia Pacific

PhD in Material Science, Ken has both R&D experience and 10+ years’ experience in environmental consulting. Prior to join ERM, he led the chemical registration centre under the Taiwan government and implemented Taiwan REACH. In ERM, he has directed and managed numerous of product stewardship and chemical registration projects in Taiwan, regulatory compliance services across Asia and North America.

Carolyn Thomas – Partner, Regional Service Leader (SP&SC), EMEA

Senior agrochemicals expert, Carolyn has worked for Syngenta for more than 24 years. She has experience in various roles including field trials management, product development and customer relations before specialising in regulatory affairs. Carolyn has extensive country and European agrochemical regulatory experience with Syngenta latterly in Basel as European portfolio team-lead for fungicides.

Euros Jones – Partner, EMEA

20+ years’ experience in crop protection. Euros previously held the post of Regulatory Affairs Director in the European Crop Protection Association (ECPA), where he led the policy and regulatory advocacy work of the European industry.

Dieter Sydon – Associate Partner Product Stewardship, EMEA

Accredited dangerous goods expert with 25 years’ experience in chemical management, GHS/CLP classification and labelling obligations incl. SDS support. Dieter has worked as a Dangerous Goods Safety Advisor (DGSA) for 15 years for the modes of transport ADR/RID (Road and Rail), ADN (Inland Waterways), IMDG (International Sea). He is a global accredited Dangerous Goods Expert for air shipments, registered at the IATA Organisation in Montreal.

Marília Freitas – Managing Consultant, Latin America

Specialist in product stewardship and regulatory compliance with 12 years in the chemical and manufacturing sectors in LATAM. Leads projects on REACH-like frameworks, hazardous materials, and product compliance across LATAM, North America, and Europe. Currently developing product stewardship services in LATAM, aligning local practices with global standards, and enhancing understanding of emerging chemical regulations like REACH in LATAM through regulatory intelligence and partnerships with law firms.

Danielle Svestka – Technical Consulting Director, North America

20+ years’ experience in product stewardship, hazard communication, global regulatory affairs, and biocidal products. Worked in the lithium industry and managed all aspects of the chemical portfolio for the entire Americas region, including Canada, Mexico, South/Central America, and the US. She is a current active member of the Society for Chemical Hazard Communication and serves on the Board of Directors.

Dr Ryan Hamiton – Consulting Director, North America

13 years’ experience as a toxicologist, 10 years in the chemicals industry supporting specialty and industrial sectors including cosmetics, personal care, food, pharmaceutical, biocides, oil and gas, medical devices and electronics. Experience leading international teams focused on global product stewardship and regulatory compliance for programs including REACH, TSCA, DSL, K-REACH, and AICIS. PhD in biochemistry, board certified in toxicology (DABT) and registered as a toxicologist in the EU (ERT).

Dr Axel Brenner – Consulting Director, EMEA

18+ years’ experience in process management, regulatory affairs, environmental policy, product stewardship and REACH. He provides expertise in monitoring and evaluating developments in substance management, adapting business processes and providing chemical knowledge on regulated substances.

Contacts	
Website	www.eurofins.com
E-mail	reach@eurofins.com
Head office	Brussels, Belgium
Tel/fax	+49 89 899 650 0
Contact	Iris Pfisterer
Directors	Gilles Martin, Chief Executive Officer
Ownership	Listed at French Stock Exchange
Locations	950+ locations worldwide
Founded	1987

Overview

With more than 6.9 bn annual revenues (FY 2024) and ca. 63,000 staff in more than 950 laboratories across 60 countries*, Eurofins Scientific through its subsidiaries is a world leader in food, environment, pharmaceutical and cosmetic product testing, discovery pharmacology, forensics, advanced material sciences, and in agrosience contract research services, offering an unparalleled range of testing and support services for these sectors through a global network of companies.

As one of the most innovative and quality-oriented international players in the industry, the Eurofins network is ideally positioned to support its clients' increasingly stringent quality and safety standards, and the demands of regulatory authorities around the world.

As a global solutions provider, capable of providing a full suite of services for clients in the chemical industry, we perform the required research services for government regulatory approvals around the world.

We connect global, multi-disciplined research capabilities with market-leading product expertise and technical support services to meet the regulatory needs of your business.

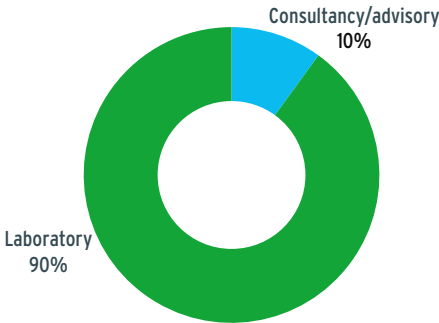
*reported 30 January 2025

Vital statistics

2023/24

Turnover: group	approx €6.9bn
No of offices	950+
No of countries represented	60
Staff: group	>63,000

Service area breakdown



Global offices

Eurofins, a global network of companies, has a presence in 61 countries. Our main testing facilities for chemical/REACH services are in Germany, UK, Asia, and the US.

Services provided

For the chemical, agrochemical, pharmaceutical, veterinary medicine, biocides, cosmetics and food industry, Eurofins offers a broad scope of biological safety studies, which meet international regulatory requirements and includes the following services:

Human safety assessment

Relevant toxicology services for chemicals, agrochemicals, biocides and novel food are carried out in collaboration with our AAALAC-accredited partner laboratories. This includes the classic studies from acute to repeated dose and teratogenicity studies. Emphasis is placed on *in vitro* testing with regard to the 3Rs strategy for refinement, replacement and reduction of animal studies. We have established a large range of *in vitro* assays for many endpoints.

Our services include:

- irritation/corrosion;
- sensitisation;
- endocrine disruptor testing;
- dermal absorption;
- genetic toxicity;
- acute toxicity;
- repeated dose toxicity;
- reproductive and developmental toxicity (DART);
- toxicokinetics, ADME;
- carcinogenicity;
- neurotoxicity; and
- mode of action studies.

Avian safety studies

With one of the largest and most respected avian safety laboratories in the world, we offer unparalleled skill in performing the full suite of acute and reproduction studies (radiolabelled and unlabelled) as well as custom-designed investigations in non-traditional species to meet client-specific needs.

Ecotoxicology and aquatotoxicology testing

We offer the full suite of aquatic and terrestrial toxicology services required to assess the acute and chronic effects of chemicals on amphibians, earthworms, honeybees and select non-target insects, as well as freshwater and saltwater invertebrates and fish, in a GLP-compliant environment, and can support a large number of concurrent studies. Our laboratories are uniquely equipped with temperature-controlled custom-designed static, semi static and flow-through test systems. The test systems are designed to secure a high degree of precision and accuracy during the entire study.

Sediment toxicity and terrestrial plant testing

We provide testing and study design expertise in terrestrial and aquatic plant testing and evaluation of products to sediment dwelling organisms. Greenhouse facilities provide ample space for testing multiple species and advanced study designs. Sediment testing includes freshwater and marine acute and chronic tests.

Environmental fate and biodegradability testing

Our experts have unparalleled experience in the identification and quantification of the fate of test substances in soil, water and other complex environmental matrices, complemented by in-house radiolabelling and structural elucidation expertise. We offer biodegradation screening and testing (OECD 301, 310, 314, 303 etc.) and environmental fate testing (OECD 307, 308, 309, 106). All these studies can be performed, including metabolite identification.

Residue analysis

Providing unparalleled method development know-how in the challenging discipline of residue chemistry, Eurofins offers routine testing of a wide variety of sample types and their major metabolites under GLP, including method development and validation.

Radiolabelling and custom synthesis

We offer a full range of 14C custom radiolabelling services, the synthesis of unlabelled reference compounds (metabolites and impurities) and analytical chemistry services (including GLP certification if required).

Our expert chemists can prepare C-14 labelled molecules of almost any complexity and have a strong background supporting regulatory studies acquired over many years in the life science and chemical industries.

REACH services

Eurofins REACH services is comprised of a global network of Eurofins laboratories covering many fields of expertise.

This expert network provides the wide range of studies required to fulfil EU REACH requirements as well as other global regulations, based on the substance category. The suite of testing services begins with substance identification, moving on to physico-chemical properties and toxicological profiling, then on to assess impact on the environment through environmental fate and aquatic toxicology.

All services are tailored to your specific testing and regulatory needs, to ensure both accuracy and cost efficiency. We can support you with your complete registration requirements from the very beginning or based on additional demand/claim from ECHA for your existing registration.

Endocrine disruptor screening and testing

We have specific expertise in this field and offer the majority of anticipated studies related to endocrine disruptor screening and testing. We can provide histopathology services to evaluate the potential of chemicals to affect endocrine-sensitive tissues in fish, amphibians and frogs.

In vitro safety testing for chemicals and cosmetics

As a leader in safety testing without the use of animals, the Eurofins group of companies is deeply committed to the principles of the 3Rs of Replacement, Reduction and Refinement. With a set of alternative *in vitro* test methods, we can provide all services required to assess necessary toxicological data under GLP-compliance or not. For cosmetics, a complete service portfolio is provided, including *in vitro* toxicology, clinical safety studies, clinical efficacy studies and consumer research and sensory evaluation.

Regulatory services, testing strategies and individual study designs

With many years of experience in regulatory studies, our experts offer advice not only for standard studies but also for individual study designs and testing strategies. All angles are considered; substance properties as well as the interdependency of many studies required.

A dedicated team of regulatory experts can support you through the agrochemical registration process, starting with data gap analysis through to dossier preparation as well as post submission support. For biocides, cosmetics and other chemicals, we offer regulatory consultancy expertise throughout the Eurofins group as well as through established external partners.

SVHC and restricted substances under REACH

Annex XVII Restricted substances testing: Eurofins offers also a wide range of analytical tests to cover specific restricted substances under REACH Annex XVII. The substances listed under this Annex are specifically restricted in certain products and materials and for certain uses. That means, not all these restrictions may apply to your specific product. Our experts will help to assess your product and propose a test plan to cover those tests that may apply to your article based on its use and its composition.

SVHC testing on articles: laboratory testing provides information on SVHC substance identification and concentration to help companies meet their REACH SVHC obligations. By means of different analytical methods (GC/MS, ICP-MS, NMR, UV-vis, IR etc.), Eurofins can provide a comprehensive screening test of your whole product to ascertain if any substance in the candidate list is present in any of the components of the product.

Bill of Materials (BOM) and Bill of Substances (BOS) assessment: We can help to manage and monitor your supply chain by helping to collect BOM/BOS from your suppliers. This information is essential in the process of controlling the occurrence of any SVHC through your supply chain. Based on the provided information, our experts can help to assess your product and evaluate the likelihood of it containing any SVHC in any of the components of the product, hence helping to save testing costs and focusing the analytical efforts on those specific components that would have been evaluated as risk materials.

SCIP notification: SCIP is the database for information of substances of concern in articles as such or in complex objects (products), established under the Waste Framework Directive (WFD). Articles containing substances of very high concern (SVHC) on the Candidate List at a concentration above 0.1% (w/w) and placed on the EU market must be notified to ECHA via SCIP database. Eurofins can help manufacturers/ producers, suppliers, importers and/or distributors with SCIP notification procedures as well as providing an automated SCIP submission solution.

Corporate developments and achievements

1987	Foundation of Eurofins Scientific Continuous growth and acquisitions
1997	IPO on the French Stock Exchange
2008-2009	Establishment of Eurofins REACH Services
currently	Global leader in the pharmaceutical, food and environmental testing market

Accreditations

- Good Laboratory Practice (GLP)
- DIN EN ISO IEC 17025
- Good Manufacturing Practice (GMP)
- FDA approved
- AAALAC Accreditation
- Radioactive handling permission

Clients

Chemical industry, agrochemical industry, biocides industry, cosmetic industry, food industry, medical device industry, pharmaceutical/biotech industry, personal care products and veterinary medicine.

Staff selection

Dr Helge Gehrke - Head of in vitro Pharmacology and Toxicology, Munich, Germany

Dr Gehrke has more than 10 years' experience working in scientific institutes and the contract research industry and drives the development of new *in vitro* assays within Eurofins.

David Carver - Synthesis, London, UK

David has more than 25 years' experience in the life-sciences industry and supports our clients with advice on 14C labelling and synthesis strategies for Eurofins Selcia.

Francesca Kümmich - Sales & Account Manager - Industrial Chemicals (REACH), EAS Europe

Francesca has more than 10 years' experience in environmental safety focusing on ecotox and e-fate, supporting clients based in the chemical industry.



Contacts	
Website	www.gbk-ingelheim.com
E-mail	gbk@gbk-ingelheim.de
Head office	Koenigsberger Strasse 29, 55218 Ingelheim, Germany
Tel/fax	+49 6132 98 290 0, +49 6132 84685 (fax)
Contact	Ulrich Mann
Directors	Thomas Jost
Ownership	PE-backed
Locations	Germany and China
Founded	1986

Overview

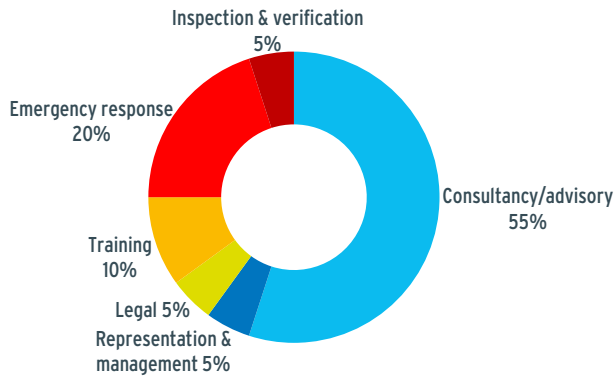
The GBK GmbH Global Regulatory Compliance is an international consulting company and full-service provider around the themes of environment, health and safety. Services include product registration in chemicals inventories in Europe, the US and Asia and the GBK-EMTEL® Emergency number for global transport of dangerous goods and safety data sheets (SDSs).

Vital statistics

2023/24

No of offices	3
No of countries represented	2
Staff: group	39
Staff: chemical service provision	21

Service area breakdown



Global offices

GBK GmbH headquarters based in Ingelheim, Germany.

Gefahrgut – Umweltschutz C. Giefer GmbH & Co. KG, Germany.

GBK China Co Ltd in Shanghai, China.

Services provided

EMTEL® emergency telephone number

An emergency telephone number for dangerous goods transportation is mandatory in numerous countries including the US and Canada, and it is required by many air carriers (IATA). According to regulation 1907/2006/EC, this emergency number must be included on any safety data sheet. GBK’s EMTEL® offers 24/7 immediate telephone assistance if problems occur during transport or handling of dangerous goods/hazardous materials. This comprehensive service ensures assistance in cases of spillage, fire or contamination, and medical advice for toxicological incidents.

Our EMTEL® service

- 24/7 access to a professional emergency call centre
- Emergency telephone number in 190 languages
- Fulfillment of your legal obligations
- Realisation of all airline and shipping company requirements
- Medical advice in case of poisoning
- Additional waste management service in the US
- Fulfilment of regional requirements for an emergency service
- Comprehensive support in case of accidents with chemicals

Your benefits

- You provide us with the required information and we will take care of the rest
- We take on your legal responsibilities
- You assume the responsibility to an external service provider
- It is valid for all deliveries to any destination worldwide

International EHS consulting/PCN notification

We help you with all issues around REACH, GHS, product registration and authoring of safety data sheets. Article 45 of the classification, labelling and packaging (CLP) regulation introduces European wide product registers. We can create the dossiers and complete the poison centre notifications (PCN) via the ECHA portal for you.

We guide you through the maze of laws and perform product registrations in chemical inventories in Europe, the US, Asia (Japan, China, Korea, Philippines) and Australia. We assume all duties associated with registration, including with regard to labelling and safety data sheets (SDS).

REACH services

- Substance/product registration in Europe, US, Japan, China, Korea, Turkey and Australia (other countries on request)
- Consulting services in connection with the registration

Your benefits

- Compliance together with reduced costs
- Legal responsibilities met by an external adviser
- Service with more than 30 years of professional experience
- Excellent price/performance ratio

Dangerous goods safety advisor/dangerous goods services

Because major accidents can occur during the transport of dangerous goods, Germany implemented a responsible person – the safety advisor – in each legal entity who takes over the responsibility for all issues concerning the transportation of dangerous goods. Safety advisers quickly became a success story. After its beginnings in Germany in 1989, the European Union then adopted this important role in the Safety Adviser Directive 96/35/EEC on 3 June 1996.

Since 2001, safety advisers have been mandatory in all member States that are signatories to the agreements on International Carriage of Dangerous Goods by Road (ADR) and International Carriage of Dangerous Goods by Rail (RID). All relevant training programmes have been surpassed in the US. The directive offers the option of transferring this activity to an external expert.

Service specification

- Taking over the responsibility of safety adviser for all modes of transport (road, rail, barge, sea)
- Classification/labelling of substances and preparations including evaluation of suitable packaging
- Ongoing consultation for your organisation
- Development of process-oriented checklists
- Regular training to ensure your employees always act in compliance with all applicable regulations
- Periodic audits guarantee to detect possible weak areas
- Providing IATA/DOT/IMDG compliance 24/7

Your benefits

- We take on your legal responsibilities
- Reduction of internal fixed costs
- Fully experienced advisers offering high quality services
- Legal and organisational consulting regarding EHS
- Fast and reliable responses adapted to your needs

Training, seminars and GBK online training

We offer a wide range of training and seminars, conducted by our worldwide experts. GBK GmbH is established in the market as an important and well-known company. An essential element is the organisation of instruction, training and conferences in the areas of chemicals, legislation, handling of hazardous materials and the transport of dangerous goods. A wide range of training courses are offered by experts from all over the world. All trainers are experienced professionals in their field providing state-of-the art training. For this reason many companies rely on the competence and high quality of our courses and seminars.

Some training courses (examples)

- Asian-Pacific and Chinese chemical legislation
- United States and Canadian hazard communication
- MSDS/SDS Authoring expert training
- Training for dangerous goods safety advisers
- Dangerous goods training

GBK Trusted Partner GmbH/TP1 – guideline for hazardous materials transportation

Process optimisation by switching to electronic transport documents for dangerous goods transport. In order to be able to use the electronic transport document, a guideline published in 2021 must be followed. The design guidelines from 2015 will finally have had their day in January 2023.

Subsection 5.4.0.2 RID/ADR/ADN allows the use of electronic data exchange to meet the documentation requirements of Chapter 5.4. The principle of the process described in this guide is based on three parties. The Trusted Party 1 (TP1) is the interface enabling data exchange of electronic transport document when transporting dangerous goods. The Trusted Party 2 (TP2) provides all relevant details regarding dangerous goods in the transport document (eg in the event of an inspection by the authorities or in the event of an emergency).

Significant cost savings and future-proof innovation, data security and data protection, among other things, through encryption on the server using state of the art technology. For all companies transporting dangerous goods this guideline is a great opportunity to optimise your process and to save costs.

Our GBK experts will help you to recognise this and integrate our GBK-TP1 portal into your daily process of transport of dangerous goods.

Your benefits

- Clearly reducing operating costs through optimising and completely switching the process to electronic document management, also now for dangerous goods
- Future readiness and innovation: this national step by step introduction is already a part of the European Union-wide and international targeted solution for the usage of electronic transport documents
- The data protection and encryption of transport documents on the TP-1 server is based on the latest technology

Corporate developments and achievements

1986	Foundation, Ingelheim, Germany
2008	Acquisition of GBK by Bjorn Noll and winner “German dangerous goods Award 2008”
2010	Co-founder of Compliance Footprint AG, Zurich
2012	Moves into the new GBK company building in Ingelheim
2017	Opening of GBK China Corp Ltd In Shanghai
2021	Takeover of Gefahrgut – Umweltschutz C. Giefer GmbH & Co KG
2022	Co-founder of GBK Trusted Partner GmbH

Accreditations

ISO 9001.

Partners

NRCC, CIRS, GIZ, BMZ, BVMW, CFP, IKW, VCI, VDSI, VCH, BGI, DLSV.

Furthermore, we can offer our customers global support via our network of collaboration partners, including governmental institutions and local regulatory specialists.

Clients

Our more than 1,450 customers include both medium-sized companies from the chemical industry and 73% of all German DAX-listed companies particularly in the fields of chemicals, pharmaceuticals and automotive.

Case studies

Based on our customer base, from different industries and verticals, we can offer a wide range of case studies that match your business or that are at least comparable. Further details available upon request.

Staff selection

Thomas Jost – Managing Director

Since May 2020, managing director of GBK GmbH in Ingelheim. The certified dangerous goods officer has extensive knowledge of new substances and product registrations, as well as the entire PCN notification process within the EU.

Ulrich Mann – member of the senior management team

Ulrich Mann is a lawyer and specialist solicitor for transport-/logistic-law and within GBK, a member of the senior management team. He is responsible for consulting with companies dealing with hazardous materials

Since 1988 Mr Mann has been engaged with dangerous goods issues, as well as with chemicals legislation and has worked for companies such as Infraser GmbH & Co. Hoechst KG and Infraser Logistics GmbH, where he spent many years during his professional career.

GBK team worldwide

The highly motivated, educated and experienced GBK team will provide you with excellent services and is dedicated to meeting your individual needs with a high level of quality and flexibility.

Our colleagues with degrees in different sciences are engineers or doctors in chemistry, law and further EHS fields. They can offer you our services in German, English and Chinese.

Contacts	
Website	www.gpcregulatory.com , www.gpcgateway.com
E-mail	info@gpcregulatory.com , compliance@gpcregulatory.com
Head office	IDEON Science Park, Beta 5, Scheelevägen 17, 223 63 Lund, Sweden
Tel/fax	+46 46 2114615
Contact	Shisher Kumra
Directors	Shisher Kumra, Mukta Kumra
Ownership	GPC Holding, Sweden
Locations	Sweden, India (Pune, Nagpur and Vadodara), Ukraine, South Korea, UK, Turkey, Ireland and Australia.
Founded	2008

Overview

The Global Product Compliance (GPC) Group is a company incorporated in 2008, in Lund Sweden. GPC provides global support and end-to-end solutions for chemical regulatory compliance management. We operate globally with offices in eight countries and thanks to more than 60 collaborations with regional and national partners offering local regulatory compliance-related services, we cover the global regulatory landscape in more than 50 countries worldwide.

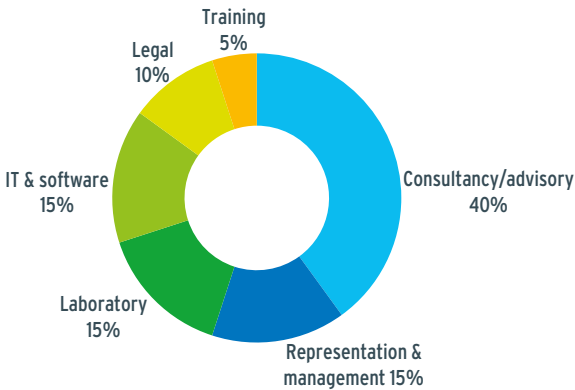
Demands from our large clients for intelligence on new regulations encouraged us to widen our horizons towards new locations and new sectors. Starting with EU REACH, we have now ventured into most of the regulations that have emerged over the past few years.

Vital statistics

Turnover: group	>€75m
Turnover: chemical service provision	>€75m
No of offices	10
No of countries represented	>50
Staff: group	>250
Staff: chemical service provision	>150

2023/24

Service area breakdown



Services provided

Our specialist regulatory areas

- Ukraine REACH
- EU REACH
- UK REACH
- KKDIK (Turkey REACH)

- Korea REACH
- Taiwan TCCSCA
- China MEE Order no 12
- India REACH (ICMSR)/BIS
- Australian AICIS
- Brazil REACH, Chile and Columbia chemical regulations
- Agrochemicals, biocides, bio-stimulants and field trails (India, EU, Turkey, South America)
- Cosmetics regulations (EU, China, India and the US)

Compliance services within the above regulations

- Registrations and notifications (pre and late pre-registration/pre-notification)
- Global regulatory compliance and status assessment
- Substance/dossier evaluation process management
- Lead registration activity, technical dossier preparation
- Toxicological assessment and dossier updates
- Contract study management and monitoring
- Compliance verification and certificates
- REACH and CLP compliant SDS and extended SDS (e-SDS) and SDS translations
- BIS, India compulsory certification for chemicals
- Plant protection product registration
- Biocide and bio-stimulant registration
- Portal of compliance certificate management systems

Global chemical regulation service accomplishments

- 1,700+ happy clients with 99% client retention
- Managed portfolio of 20,000+ substances
- Registered 2500+ substances and lead registration and consortia management of 1000+ substances
- 15,000+ pre-registrations and notifications, globally
- Authoring of 5000+ REACH and CLP-compliant SDSs and 500+ e-SDSs. Translated SDS in 30+ languages
- Extensive network of OECD-GLP-certified CROs managing toxicological, ecotoxicological, environmental and physico-chemical studies
- 7000+ users of the compliance certificate management systems portal
- 10000+ regulatory intelligence engaged audience

Accreditations

AAA, Bisnode, Highest Credit Worthiness, UC credit rating.

Memberships (Regulatory advisory)

Member of CII National Chemicals Committee; IKEM: Innovations and The Chemical Industries in Sweden; SIBC – Sweden India Business Council, Sweden; Confederation of Swedish Enterprise, Sweden. Sustainable Business Hub, Sweden; Indian Chemical Council, India; Regulatory Representatives and Managers Association (RRMA), India.

Partners

Recognitions as a regulatory knowledge partner

Confederation of Indian Industry (CII); Indian Chemical Council (ICC); Indian Chemicals and Management and Safety Rules – technical committee member; Ministry of Chemicals and Petrochemicals, India; Basic Chemicals, Cosmetics and Dyes Export Promotion Council (Chemexcil), India; Regulatory Representatives and Managers Association (RRMA).

Other organisations

Cosmed, Cosmetics Association, France; China National Chemical Information Center, China; All India Printing Ink Manufacturer’s Association, India; Gujarat Dyestuffs Manufacturers Association, India.

Research partners

Technical University of Denmark; Lund University, Sweden; Jadavpur University, India; Centre for Cellular and Molecular Biology (CSIR), India; Indian Institute of Management, Mumbai (IIMM), India. Indian Institute of Technology (IIT), Hyderabad; ESSEM, India.

Clients

GPC offers compliance services to clients in more than 50 countries, primarily in the chemical and petrochemical industries, but also in agrochemicals, food additives, cosmetics, electrical and electronics, automotive, the leather, garments and apparel sectors, the plastic and rubber and, steel industries, writing instruments, polymers, paint, and dyes.

Testimonials

Our more than 1,700+ happy clients and 99% retention rate are a testimony to the great rapport we share with them and the fine quality that we offer in our services. On the service quality criteria, 92% of the client companies have rated the compliance assistance services provided by GPC as very good.

Corporate developments and achievements

2015-2016	The company group is accredited as a certified inspection body; business affiliate in South Korea; research collaborator of Lund University, Sweden
2018	Completed all EU REACH final and first deadline Korea REACH registrations; business affiliates in the UK and Ireland
2019	Initiated Eurasia and Turkey REACH services Signed MOU with Chemtopia, South Korea
2020	Business affiliate in Turkey, Taiwan, and Russia Knowledge partner, outreach collaboration with Cosmed Cosmetics Association, France Contributed to the draft of the ‘Indian Chemicals Management and Safety Rules’ Started Bureau of Indian Standards (BIS) Certification Service
2021	Launched the ‘International Regulatory Internship Program’ with the Regulatory Representatives and Managers Association (RRMA)
2022	GPC hosted approximately 80 webinars with 5,500+ attendees
2023	GPC became the co-organiser of the Asian Chemicals Forum ACF – HCF with HCF Successfully created and implemented – Regulatory certification programmes with RRMA
2024	Opened an office in Ukraine and 60+ collaborators worldwide, covering all major regulations

Case study 1

Contribution to Indian chemical policy

As India’s leading regulatory compliance service provider, GPC has deep expertise in the needs of, and trends that impact, India’s chemical industry. GPC was commissioned by the Indian Ministry of Commerce for several studies and reports contributing toward the draft and finalisation of India’s chemical regulation, the Indian Chemicals Management and Safety Rules (ICMSR). GPC is proud to be the only non-governmental organisation that is part of the technical committee responsible for drafting and finalising the ICMSR.

Case study 2

DHEA

We have collaborated with experienced CROs worldwide to support our clients with a wide range of regulatory testing requirements. We helped one of our clients decide on a capable and cost-effective CRO to comply with a study request from ECHA. The entire process included several rounds of discussion with the CROs in our network, registrants (including the client) and our technical experts.

It started with discussions regarding study requirements with various labs, followed by proposing a suitable CRO based on study experience and timeline. Following that, the client approved the CRO after it provided satisfactory answers to all technical questions raised by various registrants on CRO capability, study handling and outline. This led to a significant reduction of around 50%, of the testing cost in comparison to the costs from CROs proposed by other registrants.

Case study 3

Automation of compliance process management

GPC has created a free end-to-end solution to streamline our clients’ compliance management processes. The portal has three main components:

- Compliance initiation: clients can maintain, manage, and update their compliance-related information as well as request services such as pre-registrations, registrations and notifications;
- Consortia management: clients can request and manage information related to the lead registration process including, but not limited to, syndication, LoA, administration of agreements, archiving of documents, etc; and
- Supply chain: communication and due diligence between supplier, buyer and OR are simplified thanks to the certificate management system.

Case study 4

Compliance capacity building initiatives

To promote an understanding of chemical compliance and to nurture compliance talents, GPC initiated several regulatory compliance courses, a certification programme and a regulatory internship programme in India and Sweden in 2020 and received positive feedback from the students.

In 2021, GPC partnered with the Regulatory Representatives and Managers Association (RRMA) and a number of academic institutes such as the Vellore Institute of Technology (VIT), Harcourt Butler Technical University (HBTU), the National Institute of Pharmaceutical Education and Research (NIPER), the Institute of Chemical Technology (ICT), Manipal Institute of Technology (MIT), and the Indian Institute of Management (IIM) Jammu, Sirmaur, and Lucknow.

More than 100 professionals worldwide have benefited from the compliance certifications and 100+ students have successfully completed internships since the start of the programme.

Staff selection

Business: Shisher Kumra, Executive Director; Mukta Kumra, Director of Administration and Finance; Dr Jayachandran Nair, CEO – GPC India; Dr Vaibhav Diwan, General Manager, Growth; Mirac Mert Pelister, Head of Turkey Business Operations; Lotta Larsson, Administrative Executive; Cansel Hacıoğlu, Jagadish Ladawa and Prashant Musale (Marketing Specialists); Amanda Saintyves, Project Manager (Innovation); Filip Selmer, EA CXO.

Chemical Safety Management: Dr Anders Bergqvist, Head of Toxicology; Dr Zsuzsanna Szepesi, Senior Toxicologist; Mangesh Barbate, GM (dossier management); Dr Prerna Khagar, Senior Expert Substance Sameness; Dr Payal Verma, Senior Toxicologist; Priyanka Manapure, Senior Manager, Toxicology; Dr Komal Telreja, Eco-Toxicology; Dr Meena Shelgaonkar, Toxicological Adviser.

Regulatory: Deepti Nagpal, Senior Regulatory Manager – EU; Amrapali Wahane, Regulatory Manager – China; Pinki Roy, Regulatory Manager – US; Dr Shilpa Narang, Regulatory Manager – BIS/India; Komal Hatwar, Senior Project Executive – ICMSR/India; Drashti Patel, Regulatory Manager – South Korea; Sorosh, Regulatory Coordinator – Canada, Australia, Middle East; Heewon You, Regulatory Coordinator – South Korea; Jingjing Shao, Regulatory Coordinator – China; Cintia Alegre, Regulatory Advisor – LATAM; Zhengmin Li, Regulatory Consultant – China; Sedat Semih Basturk, Senior Regulatory Advisor – Turkey; Sinem Olcas, Senior Regulatory Advisor – Turkey; Aldy Anggriawan, Regulatory Affairs Executive – Southeast Asia; Anna Vakarchuk, Regulatory Executive – Ukraine; Chan Yeong Park, Assistant to South Korea Regulatory Coordinator; Anne Marie, Technical Writer.

Contacts	
Website	www.gtlaw.com
United States	2101 L Street, NW, Suite 1000, Washington, DC 20037 Tel: +1 202 331 3100
EU	The WESTLIGHT, Budapester Str. 35, 10787 Berlin Germany Tel: +49 30.700.171.100
UK	The Shard, Level 8, 32 London Bridge Street, London SE1 9SG, United Kingdom Tel: +44 (0) 203 349 8700

Overview

Chemical Regulatory and Environmental Law with Global Reach

Greenberg Traurig is a global law firm with over 100 chemical regulatory and environmental lawyers across 30 of its 49 locations among our more than 2,850 lawyers.

The firm’s chemical regulatory and environmental practice covers a broad range of services including product approval, regulatory compliance, enforcement defence, transactional guidance, litigation, and strategic advice with respect to product regulation and environmental policy challenges.

With a team of experienced attorneys, scientists, and regulatory practitioners, we provide legal, regulatory, scientific, and strategic support to clients across industries, including chemical manufacturing, pesticides, biocides, pharmaceuticals, downstream manufacturing, energy, agribusiness, consumer products, and real estate.

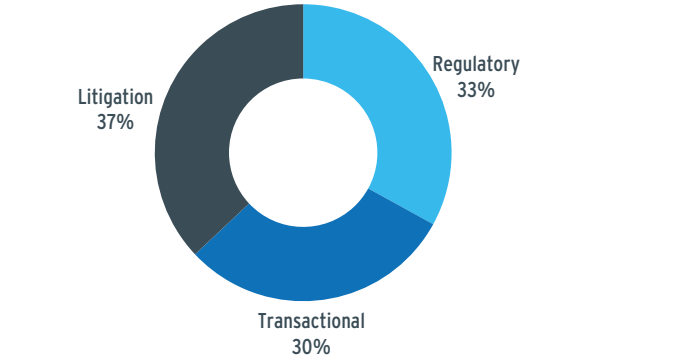
Our professionals collectively bring decades of experience with US federal, state, and international regulatory frameworks, including TSCA, FIFRA, RCRA, CERCLA, NEPA, ESA, California Proposition 65, and other state programmes. Outside the United States, we regularly work with the EU and UK REACH, PPP, BPR, Green Chemistry and related programmes, and with analogous programes around the world.

Our reach and experiences allow us to provide tailored strategies for compliance, litigation, and advocacy in connection with our Government Law & Policy team. Whether seeking approval for new chemistries, addressing emerging contaminants like PFAS, or advising on green chemistry initiatives, our team is committed to delivering innovative strategies that align with our clients’ business goals and regulatory obligations.

Vital statistics

Number of offices	49
Staff: environmental practice	108 attorneys and professionals
Staff: chemical seciality provision	21 attorneys and professionals
Number of languages spoken	10, Arabic, Dutch, English, French, German, Italian, Polish, Russian, Spanish and Turkish

Service area breakdown



Services provided

Chemical regulation and compliance

Advising on chemical regulatory and pesticide issues such as TSCA, FIFRA, the Consumer Products Safety Act (CPSA), and the many related state programmes in the United States; REACH and harmonised classification issues, plant protection products, biocidal products, and biostimulants in the European Union, and analogous regimes in other jurisdictions.

Consumer products

Ensuring jurisdiction-specific regulatory compliance and defence before agencies such as the US CPSC and defending against claims such as California Proposition 65, greenwashing, and false advertising class actions.

Corporate transactions

Conducting environmental and regulatory due diligence and negotiating risk allocation, including through insurance, in mergers, acquisitions, and project financing.

Data compensation management and disputes

Representing clients in agreements and arbitrations related to data access, sharing, and compensation.

Environmental litigation

Defending clients in regulatory litigation such as RCRA, the Clean Air Act, Clean Water Act, CERCLA actions, related claims under state programmes, and increasingly common citizen suits.

Permitting and enforcement

Securing operational permits and defending against enforcement actions in the United States, European Union, and elsewhere. This work includes, as appropriate, compliance and litigation under NEPA, the Endangered Species Act, the Migratory Bird Treaty, and similar programmes.

Risk assessment and toxicology

Designing and evaluating toxicology and ecotoxicology issues, including designing, implementing, and interpreting testing programmes.

Sustainability and ESG

Counselling on green chemistry, circular economy initiatives, and compliance with ESG standards.

Corporate developments and achievements

PFAS litigation

Defended clients in PFAS-related toxic torts and class actions, including negotiating novel settlements involving water treatment and medical monitoring programmes.

Regulatory leadership

Team members have served as EPA Independent Monitors, chaired federal pest management committees, and led industry task forces on chemical safety.

International recognition

Attorneys listed in Chambers and Partners USA Guide, The Legal 500, and Best Lawyers® for excellence in environmental law, litigation, and regulatory compliance.

Innovative strategies

Developed compliance strategies for emerging contaminants, including nanotechnology and green hydrogen projects.

Global advocacy

Represented clients in EU and US regulatory negotiations, including ISO standards development and REACH/BPR compliance.

Academic contributions

Published peer-reviewed articles on pesticide toxicity, biosolids management, and environmental justice, highlighting industry best practices.

Greenberg Traurig’s chemical regulatory group is your trusted partner for navigating the complexities of chemical law and environmental compliance worldwide.

Case study 1

Guides multiple companies in the packaging, consumer products, cosmetics, medical device and chemicals sectors through multiple PFAS related issues, including tort litigation, compliance with US federal and state reporting and substantive requirements, providing input on new proposed regulations, including on the EU proposed PFAS regulation.

We provide comprehensive representative across the broad range of emerging issues for prior and current users of PFAS compounds.

Case study 2

Works with multiple clients in developing and implementing strategies to register crop protection and antimicrobial products with the US EPA and resolving disputes over data compensation under FIFRA.

Staff selection

Seth Goldberg – Shareholder, Washington DC

Kaitlyn Maxwell – Shareholder, Philadelphia

Dr Martin Hamer – Shareholder, Berlin and Munich

Elyssa Arnold – Assistant Director, Washington DC

Darci Ferrer – Assistant Director, Washington DC

Nicholas P Skoulis, PhD – Assistant Director, New York

Steven G Barringer – Shareholder, Washington DC and Las Vegas

Christopher L Bell – Shareholder, Houston and Washington, DC

Marijn Bodelier – Shareholder, Amsterdam

Laura Hammargren – Shareholder, Minneapolis

Erick Hernández Gallego – Shareholder, Mexico City

Caleb Holmes – Shareholder, Philadelphia

David Mandelbaum – Shareholder, Philadelphia

Hazel Ocampo – Shareholder, San Diego

Bernadette M Rappold – Shareholder, Washington DC and Philadelphia

Dr Johann-Frederik Schuldt – Shareholder, Berlin and Munich

Libretta Stennes – Shareholder, Minneapolis

Will Wagner – Shareholder, Sacramento

Claudio Biscaretti di Ruffia – Of Counsel, Milan

Sean A Newland – Of Counsel, Sacramento and Phoenix

Dr Ahmet Kilic – Senior Associate, Berlin

Alexandra “Ally” Lizano – Associate, Sacramento

Molly K O’Neil – Associate, Philadelphia

Contacts	
Website	www.h2compliance.com
E-mail	info@h2compliance.com
Head office	Unit 14D Nutgrove Office, Park Rathfarnham, Ireland
Contact	Kevin Hoban
Directors	Kevin Hoban, John Hayes, Grant Kinsman
Ownership	Part of the Landbell group of companies
Locations	11 (Chemical)
Founded	2006

Overview

H2 Compliance is a full-service chemical and environmental consulting firm dedicated to successfully introducing our customers' products onto global markets. We help our clients ensure compliance and market access by applying our breadth of knowledge to the business complexities related to REACH, UK REACH and REACH-like programmes, product stewardship, GHS implementation worldwide (SDS and labelling), PCN with the help of element1™ chemical management software.

H2 Compliance has a global footprint with offices across Europe and the US and with a network of trusted in-country partners to assist in providing global support to our clients.

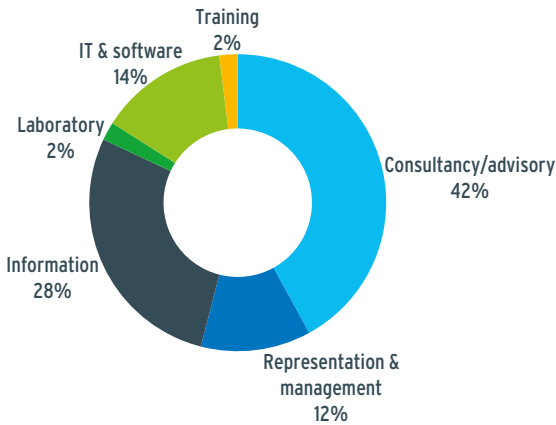
Being part of the Landbell Group expands our services into the environmental compliance and circular economy covering waste electronics (WEEE), batteries, packaging, and take back programmes.

Vital statistics

2023/24

Turnover: group	>£400m
No of offices	23
No of countries represented	18
Staff: group	425+
Staff: chemical service provision	45+

Service area breakdown



Global offices

Ireland (Cork and Dublin); **US** (Washington, DC and Tennessee); **Poland** (Warsaw and Lodz); **UK** (London and Belfast); **Finland** (Helsinki); **Netherlands** (Amsterdam); **India** (Mumbai).

Services provided

REACH registration and dossier management

H2 Compliance provides a full range of lead, member, and intermediate REACH registration services. Besides building and submitting substance dossiers, we help determine alternatives and costs, oversee testing, and offer full project management to completion, as well as updates and additional support with REACH requirements.

Only representative (OR) service

Supporting numerous manufacturers and formulators in fulfilling the duties on behalf of their importers in another jurisdiction with our OR services into the EU, the UK, and through the global compliance team – into other regions. Our comprehensive service relies on deep knowledge and appreciation of complex supply chains, technical execution, financial management and communication with clients and their customers.

Stewardship, substances of concern and supply chain compliance

Substances of very high concern (SVHCs) and chemicals under restriction and authorisation are a potential business risk, requiring early assessment and appropriate action. We assist companies with building sustainable chemical management programmes that proactively address the growing list of regulatory and market requirements and support future-proofing.

With our proprietary element1™ substance tracking platform, we review substances in our client's inventory and analyse which are, or may be, subject to regulatory measures in the EU/UK, and advise on a plan of action. Element1™ also offers a software solution to identify substances expected to be in scope of the proposed EU PFAS restriction that might impact over 10,000 substances.

UK REACH

With the UK's withdrawal from the EU, companies face a parallel set of REACH-like activities to remain on the market. H2 Compliance, with its UK legal entity, helps producers, importers, and downstream users navigate the complexities this presents.

Hazard communication: SDS, labelling, online sales

We author Safety Data Sheets (SDS) and review label contents for the EU and globally. With our toxicological, industrial hygiene and regulatory knowledge, we build and maintain hazard communication programmes for our clients and their specific product portfolios and offer technical solutions for supply chain communication. We provide comprehensive hazard communication support tailored to online sellers and marketplaces.

Notifications: PCN, C&L, SCIP

H2 Compliance helps companies determine and meet their EU notification obligations that are central to the safe management of chemicals:

- poison centre notifications (PCN) for hazardous mixtures;
- C&L notifications for hazardous substances; and
- substances of concern in products (SCIP) notifications for SVHCs present in articles.

Our customisable software platform enables submission and ongoing maintenance of notifications over time.

Regulatory strategies and market access assessments

We evaluate new substances, products, and target markets to produce a regulatory strategy and market access assessment to help clients scale-up production and get the products to market across the world.

Global compliance

We determine clients' obligations within existing supply chains as well as for new products placed on the market globally. We ensure timely execution of requirements and facilitate reusing clients' REACH assets and investments in non-EU jurisdictions, with particularly strong experience in South Korea, China, Japan, Switzerland, and Turkey.

Cosmetics

Our full range of services help clients comply with the Cosmetics Regulation:

- acting as the Responsible Person in EU/UK;
- providing toxicological profiles and Cosmetic Safety Reports;

- notifying cosmetics to the EU/ UK portals; and
- compilation and safe storage of Product Information Files (PIFs) using our element2 software.

Regulatory and extended producer responsibility (EPR) tracking

H2 Compliance tracks chemicals control regulations in over 45 countries providing regular overviews and expert analysis to the clients via our element1™ platform. We also prepare targeted assessments on how various regulations and their changes impact client's specific portfolios and supply chains.

As part of the Landbell Group, we have a comprehensive set of data on EPR as a regulatory tracking service for waste electronics (WEEE), batteries and packaging obligations for global markets.

element1™ software

element1™ is one of the leading platforms for managing chemical regulatory compliance, provided as a SaaS model. It offers managing chemical portfolios at substance and product levels, a secure private cloud platform, direct submission to regulators, advanced user management, and fully configurable workflows tailored to your organisation's needs.

element1™ platform supports the delivery of REACH and REACH-like compliance services, global supply chain compliance, tracking substances of concern, and meeting hazard classification and labelling obligations. It specifically supports dossier and tonnage management, supplier compliance, PCN and SCIP notifications, and similar duties in other jurisdictions.

Backed by a team of chemical stewardship experts, element1™ is your one-stop-shop for executing chemical and product compliance programmes globally.

Corporate developments and achievements

2006	Company established, Dublin office opened
2009	US activities and legal entity established
2016	H2 Compliance acquired by The Landbell Group, Germany
2017	Poland office opened to lead hazard communications services
2018	UK legal entity established to lead UK services
2022	North American services expanded
2023	Global compliance services expanded

Accreditations

Approved REACH Ready Gold Member. Director acting Vice President of Only Representative Organisation. Co-sponsor of the Green Alley Circular Economy Awards. Certified Professional Product Steward® (US).

Clients

Core clients are from the pharmaceutical, medical devices, petrochemicals, polymers, metals, and fragrances sectors. We support over 4,000 downstream users within the clients' supply chains, and some 30,000 within our Landbell Group family.

Testimonials

"H2 Compliance's profound expertise in REACH regulation and other global compliance regulations has been invaluable. We consider H2 as our trusted partner, always providing the optimal solution regardless of the issue, challenge, or service required. We have been able to navigate the complexities of REACH and REACH like compliance with ease. The team has been very helpful and consistently delivered exceptional support. The long term global SDS support has been exceptional and well appreciated throughout the supply chain. We would highly recommend H2 Compliance to others due to your exceptional service, in-depth knowledge of compliance, and the reliability you provide in urgent scenarios, your team is always

responsive and helpful, making the entire process smooth and stress-free." *Global petrochemicals and polymers supplier for diverse industries.*

"The biggest benefit is receiving independent, insightful and practical advice in a timely manner from very knowledgeable professionals that ultimately ensures continual market access for our products. We appreciate their understanding of our specific business in terms of the nature of the production processes, raw material types and volumes, classifications of finished products and market flows. Their knowledge of the relevant regulations in the markets where our business is conducted is always current and their communication of the requirements is extremely clear. Without doubt, we would recommend H2 Compliance to others. *Producer of optical lenses and related products for automotive, electronics, and healthcare industries.*

Case study 1

Online sales compliance

H2 Compliance helped an online sales platform assess their level of compliance with the hazard communication requirements, developed and implemented a programme for screening SDS, labels and online content to ensure consistency and compliance. This is a complex process of data extraction to prepare a real-time discrepancy report to allow measures to be put into place to minimise gaps. The programme also flags substances of concern where those are present in suppliers' products. This type of service is particularly timely given the CLP revision and enforcement focus on online sales.

Case study 2

Pharmaceutical and healthcare support and software solutions

H2 Compliance has immense expertise within the pharmaceutical industry, supporting all aspects of REACH, GHS and emerging global regulations. This understanding allows us to become part of the team, working in partnership to identify issues, determine impacts and manage required actions. H2 Compliance is known for its collaborative platform, element1™. Our clients enjoy the fixed price model we typically operate, flexibility in working hours and deep strategic thinking. "I wish all of our partners and consultants were as easy to work with as H2 Compliance" says a top ten pharmaceutical client.

Case study 3

A sustainable safety data sheet solution for proprietary substances

H2 Compliance delivers comprehensive toxicology and safety data sheet services to several multinational companies. The projects involve engagement with internal stakeholders to develop a framework and system for maintaining and updating products' SDSs by assessing available data and determining hazard classifications under GHS. This process is facilitated using H2 Compliance's bespoke software platform to ensure consistency, transparency, and repeatability. The H2 team ensures compliant SDSs are generated in a process underpinned by thorough documentation and peer review.

Staff selection

Kevin Hoban – Head Chemical Compliance

Co-founder of H2 Compliance. More than 30 years' experience in industry, business development, commercials, software activities as well as REACH OR practice. Qualified MSc industrial chemist and environmental engineer.

Dr John Hayes – Head Environmental Compliance

Co-founder of H2 Compliance. With more than 30 years' experience in the IT and Pharmaceutical industries and regulatory affairs, John is leading environmental consulting activities within the group. John is a qualified biotechnologist and doctor of physical chemistry.

Grant Kinsman – CEO

A mechanical engineer with more than 35 years' experience in the IT and consulting industry. Extensive global technology, scale-up, finance, business and marketing experience.



Contacts	
Website	www.kahlbergconsulting.com
E-mail	info@kahlbergconsulting.com
Head office	KAHLBERG Consulting, Piazzale Bacone 7/A, 20129, Milan, Italy
Tel/fax	+39 02 6700319, +39 02 67386811 (fax)
Contact	Matteo Pagani
Directors	Michela Kahlberg, CEO
Ownership	Private company
Locations	Italy, UK, Turkey and Ukraine
Founded	2008

Overview

Kahlberg Consulting is a leading chemical consulting company based in Milan, Italy, and an expert in REACH, polymers, CLP, biocides, Turkish, UK and Ukrainian chemical regulations. The highly skilled and experienced team provides fast and strategic solutions for all of its clients. The service delivered goes beyond what is expected and it always positively exceeds clients’ demands.

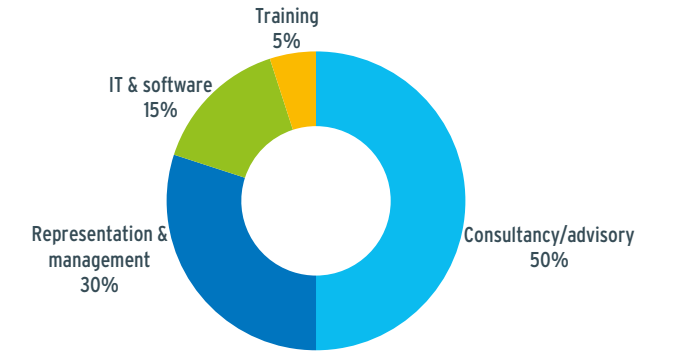
Over the past decade, Kahlberg Consulting has grown and developed into a trustworthy partner for chemical regulations offering a complete and ever evolving selection of services. Our clients include the biggest players in the global market as well as small and medium-sized companies.

Vital statistics

2023/24

Turnover: group	>€1m
Turnover: chemical service provision	>€1m
No of offices	4
No of countries represented	>30 (worldwide)
Staff: group	24
Staff: chemical service provision	15

Service area breakdown



Services provided

- Europe
- REACH
- Regulatory and legal advice and registration strategy
 - Full REACH registration dossier
 - CLH dossier
 - Management and logistical support to consortia/lead registrants
 - Representation of customers in consortia
 - Post-registration assistance and compliance checks assistance
 - Study monitoring for eco and toxicological studies

- Analytical characterisation assistance
- Chemical safety report preparation
- Nanomaterials registration

Polymers

We are following the regulatory course of the REACH update proposal, including and focusing on polymers and REACH registration. We are already assisting companies to prepare for the new challenge with the following:

- regulatory updates;
- evaluation of impact;
- set up and management of working groups and consortia: definition of registration strategies and grouping;
- analytical support for polymers identification and laboratory management;
- verification of polymer status based on REACH Regulation criteria;
- definition of polymers portfolio; and
- definition of basic tests and physical-chemical properties.

Product safety

- Preparation, verification and update of safety data sheets, also extended with exposure scenarios
- Verification of dangerous goods hazard labels
- Verification of exposure scenarios and identification of the conditions that are not covered
- Preparation of downstream user reports and submission to ECHA, for unsupported uses
- UFI creation and poison centre notifications (PCNs)
- CLP requirements for substances and mixtures
- Dangerous goods safety advisor (DGSA) services and general consultancy for ADR, IMDG and IATA
- Auditing

Biocides

- Approval of active substances
- Authorisation of biocidal products
- Article 95 submission
- Managing and monitoring of laboratory tests
- Data-gap analysis
- Human health and environmental risk assessment
- Communication with regulatory authorities
- Mutual recognition in other EU member states

KKDIK (Turkish REACH)

Regulatory and strategic consultancy

- Only representative (OR) service
- Pre-registrations
- Registration strategy
- Full KKDIK dossier preparation services with CAE approval
- Management and secretarial support to consortia and/or lead registrants
- Technical and scientific translations

SEA Regulation (Turkish CLP – SEA)

- Preparation/review and certification of safety data sheets
- Notifications based on SEA Regulation
- Labels

Biocidal products Regulation

Registration and consultancy services

Turkey detergents Regulation

Consultancy services

UK REACH

- Registration, evaluation, authorisation and restriction of chemicals
- Only representative (OR) service

GB CLP

Classification, labelling and packaging of substances and chemicals.

Ukraine

- REACH: only representative, pre-registrations, registrations
- Law on Chemical Safety of Ukraine: toxic chemical permit

Corporate developments and achievements

2008	Kahlberg Consulting is founded
2018	KKDIK unit is created
2019	UK REACH unit is created
2020	Worldwide REACH unit is created
2025	Ukraine REACH unit is created

Partners

Team Mastery srl

Case study 1

REACH – New CLP hazard classifications

The European Commission has published a Delegated Regulation amending CLP Regulation, which sets out new hazard classes of endocrine disruptors (human health and environment), PBT (persistent, bioaccumulative, toxic), vPvB (very persistent, very bioaccumulative) and PMT (persistent, mobile, toxic), vPvM (very persistent, very mobile).

Arising concerns related to substances able to induce endocrine system-related adverse effects have triggered the need to introduce the new hazard class of endocrine disruptors. The current European Commission's assessment proposal relies on the use of a weight of evidence approach by gathering all relevant and reliable data on the substance itself, combining it with in vitro assays. However, potential uncertainties related to these methods could leave questionable outcomes that would trigger future demands for specific and costly high-level tests. Kahlberg Consulting is developing an alternative ED assessment strategy in which in silico tools, combined with expert judgement, are included to fine tune the replacement and reduction of the use of animal testing, while ensuring safety with an economically sustainable hazard assessment.

Concerning the PBT hazard class, specific testing methods need to be performed to evaluate the persistence, which indicates the potential of a substance to persist for long periods in the environment. The required classical methodologies present several limitations that do not allow to meet all classification criteria. In this light, Kahlberg Consulting started to work on a new approach method (NAM) to overcome the issues of traditional testing methodologies, especially when complex substances are tested (ie multicomponent and UVCB).

The PMT/vPvM hazard class is closely related to the PBT, arising from concerns about substances that degrade slowly in the environment and exhibit high mobility, often reaching drinking water resources. These characteristics have led to increased scientific and regulatory attention.

Assessing mobility can be time-consuming and costly. Our approach focuses on prioritising chemicals for testing and grouping similar substances based on their chemical structure and other key parameters, which are essential for understanding their environmental behaviour. This allows us to efficiently evaluate the behaviour of a wide range of substances while minimising the amount of necessary testing.

Case study 2

Compliance checks

According to Article 41 of REACH, ECHA can conduct compliance checks (CCHs) on registration dossiers at any time, making this process complex and costly for companies. We have supported numerous clients, both individually and at consortia level, during CCHs for single substances as well as categories.

In these cases, the invaluable help of an expert consultant provides key insights from multiple perspectives. When receiving a draft decision from ECHA, prompt and efficient action is essential, as there are only 30 days to define the best approach. An expert consultant carefully considers both

technical and commercial aspects to develop the best solutions and propose a well-reasoned strategy tailored to the client’s specific needs.

While regulatory compliance is the ultimate goal, Kahlberg Consulting’s approach also focuses on ensuring the long-term success of both the substance and the business. Investing time and resources during the draft process, can lead to significant long-term savings.

Case study 3

KKDIK

Current REACH clients have requested our support for various regulations worldwide, leading us to expand our services to Turkey. With more than a decade of experience in REACH, we offer the expertise clients need to handle new regulatory challenges.

Regulatory patterns often repeat, and our experience in Europe allows us to better support our clients in Turkey. Entering a new journey brings doubts and challenges, but more than 90 clients currently trust our expertise and long-term, strategic vision to support their expansion into new markets.

Case study 4

REACH polymers

Although REACH does not currently require polymer registration, the next revision, expected by late 2025, will introduce this obligation. Given the large number and variety of polymers on the European market and the lack of available physico-chemical and (eco-)toxicological data, this will be a major challenge for the industry, demanding substantial time and resources for identification and grouping.

Kahlberg Consulting has been involved from the start, hosting webinars to keep companies informed. We also developed a specialised software to help companies efficiently store and organise information. Our software can perform calculations based on various criteria, group polymers with similar characteristics, and provides a notification tool that eliminates the need to re-enter information into other systems like IUCLID.

Our experience with substance registration highlights the importance of a proactive approach to avoid wasting time on this complex task.

Staff selection

Kahlberg Consulting has a highly skilled and experienced team.

Michela Kahlberg – CEO

In 1998, after a degree in economics, and spending five years in research and marketing in London and Milan she took the control of the family company ORIGO, which had been representing Czechoslovakia’s (now Czech Republic) chemical industry in Italy since 1951, enlarging the organic dyes and pigments businesses. In 2008, she started following the REACH Regulation, particularly for organic dyes. Today, her companies are leading in different sectors and fields, inside and outside Europe.

Dr Elif Dereli Eke – Regulatory Affairs Specialist

Bachelor’s and master’s degrees in chemical engineering from Yildiz Technical University and Bogazici University. PhD in chemical engineering. Post-doctoral research fellow. Head of KKDIK department.

Ilaria Bruno – Regulatory Affairs Officer

Bachelor’s degree in chemistry and master’s degree in organic and biomolecular chemistry. REACH consultant.

Giulia Martina Sitzia – Regulatory Affairs Officer

Bachelor’s degree in toxicological sciences and quality control and master’s degree in safety assessment of xenobiotics and biotechnological products, REACH consultant.

Dr Chiara Volpe – Regulatory Affairs Officer

Master’s degree in chemistry and PhD in organic chemistry. REACH consultant.

Contacts	
Website	www.kft.de ; www.kft.de/kft-academy ; www.kft.de/kft-chemdoc24
E-mail	sales@kft.de
Head office	Im Leuschnerpark 3, 64347 Griesheim, Germany
Tel/fax	+49 6155 8981 -400, +49 61 55 8981 – 500 (fax)
Contact	Marcus Rosenberger, Stefan Palla, Mario Andric
Directors	Marcus Rosenberger, Stefan Palla
Ownership	Wholly owned subsidiary of Infraserv GmbH & Co. Höchst KG
Locations	Griesheim, Headquarters, Germany Frankfurt a. M., Industriepark Höchst, Germany
Founded	1995

Overview

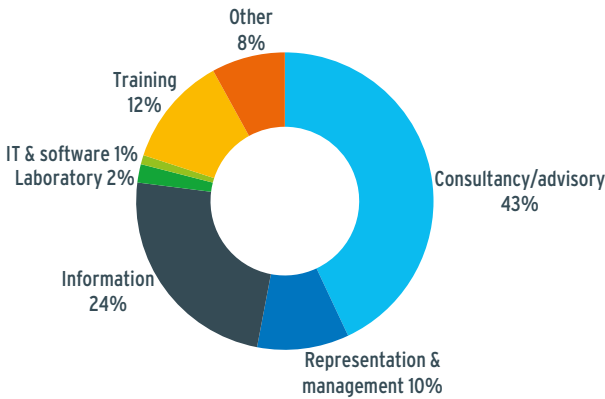
KFT Chemieservice specialises in regulatory and product safety affairs, ensuring companies worldwide remain legally compliant with registrations, documentation, SDS, classification and labelling requirements. Our key strengths are our highly skilled and experienced team, state-of-the-art software, and fair pricing. We are known for our ability to respond to individual customer needs with efficiency and precision, making us a trusted partner in the global market.

Vital statistics

2023/24

No of offices	2
No of countries represented	1
Staff: group	39
Staff: chemical service provision	29

Service area breakdown



Services provided

KFT chemicals legislation:
REACH

KFT Chemieservice has been working with REACH Regulation (1907/2006/EC) since 2001. We have prepared a number of companies for REACH, devised practical solutions using our taskforces, and undertaken numerous registrations for our customers. We offer you:

- only representative services pursuant to article 8 (REACH);
- registrations according to article 10/11 and 18/19; and
- preparations of IUCLID dossiers and CSR (chemical safety reports).

Our REACH and management services cover:

Impact analysis, strategic and operative REACH consulting, as well as supply chain communication consultation.

Our SIEF management provides:

Project management, cost calculation for clients and LoA prices and settlement, trustee services, support for new studies from the initial analysis to monitoring of the implementation and evaluation of the results, organisation of data sharing, communication with customers, authorities and competitors.

International regulations on chemical registrations

Many countries, such as the UK, South Korea and Turkey, have built up similar regulations to the EU with an obligation to register chemicals prior to marketing. Other countries have complex legal requirements containing of several laws, chemical inventories or obligations to notify products itself or the ingredients. With our local partners in all relevant countries we can enable you to fulfil all legal requirements.

Generation and maintenance of exposure scenarios

We generate exposure scenarios according to legal requirements. Furthermore, we create the necessary information for mixtures based on the methods LCID (lead component identification) and SUMI (safe use of mixture information).

Biocide substances

Consulting in the field of biocides and notification on a national level and labelling in EU countries.

Cosmetics

We check your formulas regarding permissible ingredients or compliance with permissible concentrations and we create the legally required labelling information and obtain approval of finished labels on your behalf.

In addition, we carry out product notification in the EU, draw up and verify existing safety assessments or complete product information files and finally, we will guide you through the jungle of 'borderline' products.

KFT product safety:

Safety data sheet management

Generation of safety data sheets (SDSs) worldwide in accordance with GHS and the country-specific requirements. Examples of countries and regions are the EU, Switzerland, Canada, US, all of Asia, South America and South Africa. We generate SDSs in more than 50 languages worldwide. We additionally support specific national certifications as required in Turkey.

A comprehensive concept of SDS maintenance packages has been successfully introduced, allowing customers to continuously update SDSs pursuant to statutory requirements. The total care service is completed by KFT SDS Control & Care, covering the management of supplier SDSs.

Raw materials management

Many of our customers have entrusted KFT with the management of their raw material data. This involves the registration and review of suppliers' safety data sheets, and communication with them to eliminate possible deficiencies.

Product notifications

Notification of products and articles pursuant to Article 45 of the CLR the German detergents and cleaning agents act (WRMG), and product notifications in all European countries and Turkey.

Remote data management

For 30 years, our customers have trusted our expertise and services in data research and maintenance. Protect yourself from potential liability and fines by relying on us to manage your chemical data with precision and care.

We offer support in data maintenance remotely in the client's own system, such as SAP Environment, Health, and Safety Management. If desired, we cover the entire process – from management of the supplier safety data sheets (KFT Control & Care) to the clearance of your documents.

KFT Services – emergency response

Emergency numbers are important in two respects. First, they must be provided in safety data sheets according to GHS regulations. Second, legal regulations on transport, particularly by airlines, demand emergency numbers – usually on a carriage document or label. At KFT, we offer an emergency number service worldwide through our partners CHEMTREC, Giftinformationszentrum Nord and CIRS.

KFT Academy – seminars, training and coaching

The very popular and appreciated coaching support has been continuously developed to provide a broad spectrum of seminars around the compliance aspects of REACH, SDS, GHS/CLP and international chemical regulations.

Find the available selection at www.kft-academy.com. In-house training and customised coaching are available on demand at academy@kft.de.

A monthly webinar ‘KFT chemical compliance live’ can be accessed free of charge.

Corporate developments and achievements

1995	Foundation of KFT Chemieservice
1998	First registration according to the previous substances regulation 793/93/EC
2008	First only representative contract with Brazilian company
2010	Launch of KFT-ChemDoc24.de >3,000 pre-registrations, >60 substances registered, first biocide substance registered
2012	Introduction of SDS Control & Care (raw material management)
2013	Launch of KFT Chemical Compliance Live – a free web seminar about regulatory chemical compliance news and special topics
2014	Emergency number service, notification service according to Article 45 of the CLP regulation
2015	Chemical Compliance Services for cosmetics
2016	Cooperation with Lisam systems to market and implement ExESS software systems
2018	ISO-Certification DIN EN ISO 9001:201 5
2020	Wholly owned subsidiary of Infraserv GmbH & Co. Höchst KG
2021	ISO-Certification DIN EN ISO 50001:2018
2024	Launch of the corporate redesign and new website

Accreditations

- VCH (association of chemical suppliers) subsidiary of FECC (European Association of Chemical Distributors)
- Member of ENES (European Network on Exposure Scenarios)
- Member of SCHC (Society for Chemical Hazard Communication)

Partners

- LISAM Deutschland GmbH (ExESS chemical compliance software solution) KTR Europe GmbH (China and Korea New Chemical Substance Notification Service)
- Tradas Translations and Consulting Services
- Chemtrec/GIZ Nord (Security number services)
- CRAD (Cevre Risk Analiz Denetim), Turkey
- CIRS Chemical Inspection & Regulation Service Ltd

Clients

We provide our services to manufacturers, distributors, and importers of chemical raw materials and finished products, including consumer goods. Our clients range from SMEs to global corporations across various industrial sectors.

Case study 1

Ensuring marketability in the UK after Brexit

Despite Brexit, chemical legislation in the UK is still similar to the relevant EU regulations. However, there have been various developments in recent years that have caused deviations and additional hurdles that market participants are often not aware of. We support companies by working with them to answer the following questions:

- What are the options? Apply an exemption? Purchase of a letter of access (LoA)?
- Is the company a co-registrant or lead registrant and what data is needed?
- Which communication with other potential registrants is required?
- Are all substance data available? Have all the necessary chemical-analytical tests been performed? Should further studies have been conducted?
- Have some chemicals been forgotten or have additional products came up that should be pre-registered in a follow-up activity?

Case study 2

Service provision for Poison Centre Notification in accordance with CLP Regulation for non-EU suppliers

Pursuant to CLP Regulation (EC) no. 1272/2008 Article 45 and Annex VIII, notification of hazardous mixtures in the EU must be given before being placed on the market in order to provide the relevant national authorities with relevant information for emergency medical care (Poison Centre Notification PCN).

As non-EU companies have no obligations under CLP, the importer (customer of the non-EU company) needs to submit a PCN including information on the composition of the mixture. We support non-EU companies to disclose their composition information in the following ways:

- KFT acts as appointed EU legal entity for the non-EU company (contractual agreement)
- KFT creates UFLs (Unique Formula Identifiers) for the hazardous compositions of the non-EU company
- KFT submits voluntary notifications to the relevant Member States
- Non-EU customers in the EU submit their own PCN with reference to KFT's UFLs

Case study 3

REACH lead registrant support

We support our customers in:

- finding the existing data and identifying data gaps;
- undertaking negotiations with data holders and contracting testing labs to close the data gaps;
- supporting the transfer of the lead registrant role and organising with the previous lead;
- creating the IUCLID file and CSR and taking care of submission of the registration to ECHA, including all necessary communications;
- marketing the letter of access to other registrants and ensuring a legally compliant calculation on behalf of our client as the lead registrant;
- creating the SDS with appendix (exposure scenarios) in all EU languages; and
- providing a one-stop service for the client.

Contacts	
Website	www.knoell.com
E-mail	info@knoell.com
Head office	Konrad-Zuse-Ring 25, 68163 Mannheim, Germany
Tel/fax	+49 (0)621-718858-100
Contact	Dr Michael Cleuvers
Directors	Felix Knoell, Dr Runar Eberhardt, Dr Marika Suhm-Tintelnot, Dr Michael Cleuvers
Ownership	Private company, majority-owned
Locations	Germany, United Kingdom, the Netherlands, Spain, Portugal, France, Italy, China, Thailand, Japan, South Korea, Taiwan, United States of America
Founded	1996

Overview

Worldwide regulatory consulting, global chemical compliance, special sustainability services triggered by the EU chemicals strategy for sustainability, substance and product registration services for animal health, biocides, chemicals, cosmetics, crop nutrition, crop protection, biocontrol, food products, food contact materials, and medical devices.

Whether you need complete outsourcing or customised solutions tailored to your needs, knoell is your go-to partner for all global regulatory compliance and registration challenges. Benefit from our extensive regulatory and scientific expertise. We ensure that your substances, active ingredients and products are always in compliance with the latest regulatory requirements, the current developments regarding sustainability and that you fulfil all obligations related to their safe handling: think globally, act locally.

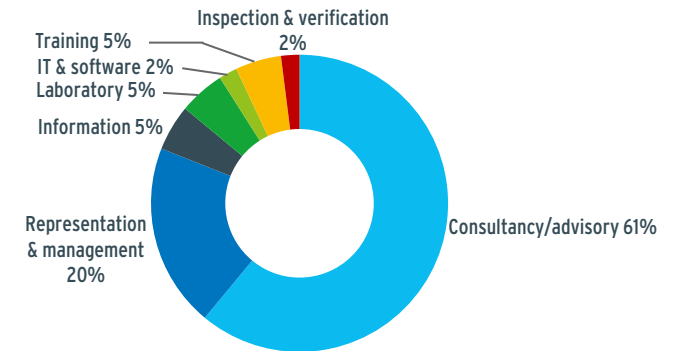
We deliver flexible services to globally acting companies as well as to small- and medium-sized enterprises plus, we take care of large consortia and taskforces. Support is provided on- and off-site to meet our customers' specific local needs.

With sites in Europe, Asia and North America and a well-established network of cooperation partners we support you to gain and maintain marketability, globally.

Vital statistics

Turnover: group	-€65m
Turnover: chemical service provision	-€20m
No of offices	24
No of countries represented	14
Staff: group	~650
Staff: chemical service provision	>180

Service area breakdown



Global offices

Germany: Mannheim, Leverkusen, Berlin, Munster. **UK:** Cardiff, Bristol. **Netherlands:** Wageningen, Rotterdam. **France:** Lyon. **Spain:** Madrid. **Portugal:** Lisbon. **Italy:** Milan. **China:** Shanghai. **Japan:** Tokyo. **Thailand:** Chiang Mai. **South Korea:** Seoul. **Taiwan:** Taipei City. **United States:** Chadds Ford (PA).

Services provided

We offer solutions for every step in the regulatory process for various business areas in many jurisdictions. Whether you need complete outsourcing or customised solutions, our expert teams will work with you to develop the best strategy to achieve your goals.

Regulatory strategies for sustainability

- Strategic substance/product portfolio impact analysis: customised compliance check with the knoell Portfolio Compliance Assessment (PCA)
- Watchdog service: information service on regulatory changes worldwide
- Safe and Sustainable Chemicals by Design (SSbD): SSbD assessment, Product Sustainability Assessment (PSA)
- Eco-labelling: regulatory support
- Life cycle assessment: Product Carbon Footprint (PCF), Product Environmental Footprint (PEF), critical review, Environmental Product Declarations
- Recycling: process authorisations, guidance on regulations
- Impact assessment: socio-economic analysis, biodiversity impact assessment

Strategic and regulatory consulting

- Latest information on the regulatory landscape in your target market
- Impact of applicable regulations on product portfolios, compliance check
- Review any regulatory changes and evaluate the need to update the impact assessment
- Development of appropriate registration and testing strategies, including alternative non-testing approaches such as QSAR, read-across and waiving
- Determination of customer roles under the different legal regimes in the world, analysis of communication within the supply chain

Representative services

- We can act as only representative (OR) in the EU, UK, South Korea, local agent in China or TPR in Taiwan. Our partners can represent you in further countries like Turkey or the Ukraine.
- We assist you as non-EU manufacturer in the REACH registration process by filing the required inquiries pursuant to Article 26 REACH, represent you in the different substance information exchange fora (SIEF) and consortia, communicate with authorities, SIEF members, consortia, downstream users and other involved parties as well as monitor the entire registration process
- We handle sensitive data confidentially, and hence can act as a trusted go-between, eg for consortia members

Submission support and document preparation

- Consortium and taskforce management
- Support with data sharing and letter of access negotiations
- Local in-country submission support: interaction with authorities and notified bodies pre- and post-submission (ie representing clients at authority meetings, handling submissions, applications and notifications) as well as with CROs and actors within the supply chain
- Dossiers and electronic submission (eg IUCLID, R4BR CADDY, VNees)
- TSCA registration including PMN support
- Preparation of technical reports, study summaries (eg OECD format) and tolerance petitions
- Declaration of compliance/conformity
- Design, risk management and usability documentation
- Expert statements and opinion letters
- Label finalisation

Hazard, risk and exposure assessments

- Toxicological and ecotoxicological hazard and risk assessments.
- Environmental exposure assessments
- Higher-tier exposure and risk assessments (eg model coupling, bee studies)
- Assessment of endocrine disrupting properties

- Assessments using computer-based (*in silico*) models (eg QSAR, read-across)

Technical and scientific support

- Literature search and evaluation
- Environmental fate of active ingredients and their metabolites
- Biological efficacy of your products
- Full data analysis, including gap analysis, check of completeness, technical equivalence, identity and physical-chemical parameter determination

Product safety and stewardship

- EHS master data management expertise: SAP product compliance, UL WERCS, spera IA, other systems
- Safety data sheets and labels: CLP, GHS, national formats, 46 languages
- Poison centre notifications: UFI, exemptions
- Product compliance checks: list status, inventories, REACH/REACH-like registration status
- Sustainability solutions: portfolio management, SSbD, watchdog service
- Exposure scenarios: eSDS, DU support
- Dangerous goods: transport on road (ADR), rail (RID), inland waterways (ADN), sea (IMDG) and air (IATA/ICAO), 49 CFR
- Use, PIC, POP, HS codes

Study management and monitoring

- Identification of studies needed for registration purposes
- Study concept management: request and quote negotiation with CROs
- Study organisation at CROs
- Technical contact for CROs and clients – from study plan preparation to the experimental phase and the final report
- Inclusion of endpoints and studies into dossiers (including summary preparation)

Quality management and audits

- Animal health products (quality assurance and audits for any stage of the product lifecycle – pre-clinical studies, clinical studies, pharmacovigilance or manufacturing)
- Food and food contact materials (Good Manufacturing Practices (GMP), in accordance with the Regulation (EC) No 2023/2006)
- Support for REACH inspections

Process automation

- Working in close collaboration with you, our dedicated team of IT specialists, scientist and regulatory affairs managers will support you in identifying areas where automation might help to increase the efficiency of your day-to-day work
- We will automate recurring tasks and processes and also speed up the way your reports and dossiers are created. We develop .NET-based tools and customised Microsoft Office add-ins (C#) based on your requirements
- Product design and development support for medical devices and animal health products (from manufacturing and quality projects to pre-clinical and clinical projects)
- Biological safety assessments and clinical evaluation of medical devices
- Clinical trial support and pharmacovigilance for animal health products (pharmaceuticals, immunologicals, feed additives)

Workshops and seminars

- Wide range of training programmes offered as seminars, training, web-seminars, e-learning and workshops by our knoell academy

Partners

SCAS Japan, SCAS Europe, Domo Salute, Cekindo, Mourao Henrigue Consultores Associados, CRAD, AgriThority, Enhesa.

Testimonials

The Spanish Ministry of Environment described our dossier for a wood preservative as, “the best organised and well-done dossier in comparison with the rest of dossiers received from other companies”. Additional testimonials can be provided on request.

Corporate developments and achievements

1996	Foundation, Mannheim, Germany
2002	Office in Leverkusen, Germany
2007-to date	Continuous global growth by founding new entities (Switzerland, to date UK, the Netherlands, China, Thailand, Spain, Portugal, France, Japan, South Korea, Brazil, US), opening offices (Germany, Taiwan, Italy) and acquisitions (Cyton Biosciences Ltd, UK, Critical Path Services, LLC, PA, US, Shotwell & Carr, LLC, Carrollton, TX, US, Sitmae Reach Services, NL, Triveritas Ltd, UK)
2009	Launch of knoell academy, dedicated to providing training courses and bespoke in-house seminars, covering all our areas of expertise knoell contributed to more than 100 dossiers for plant protection products
2010	knoell prepared biocide dossiers for 25 active substances (56 products in 15 product types) Expand our portfolio to animal health consulting services – acquisition of Cyton Biosciences Ltd, Bristol, UK Extend regulatory affairs services from Europe to Japan and the Asia-Pacific region Successful preparation of more than 400 REACH dossiers and more than 100 chemical safety reports knoell is officially appointed as an institution for the training of experts in toxicology
2011	1st knoell Symposium on Chemical Control Regulations in Asia and the Americas
2018	Dr Knoell Consult GmbH becomes knoell Germany GmbH
2019	knoell joined the new, EU-funded LIFE CONCERT REACH project, aiming at improving the usability and acceptance of results from non-testing methods (such as QSAR models and read-across) for registration purposes
2020	Successful completion: knoell was tasked with testing the suitability of IUCLID software to handle pesticide and biopesticide dossiers and to fulfil the requirements of the Transparency Regulation coming into force in March 2021 in a pilot project commissioned by the European Food Safety Authority (EFSA) Full reports published by EFSA in the second half of 2020
2021	K-REACH: successful submission of more than 100 registration dossiers (>10 lead dossiers) and more than 4,000 pre-registrations UK REACH: successful submission of over 100 downstream user import notifications as well as around ten grandfathering dossiers
2021-2022	Establishment and extension of a dedicated team for sustainability services
2023	Cyton Biosciences Ltd. becomes knoell Animal Health Ltd
2025	Expansion at knoell Iberia with Animal Health business

Accreditations

Qualified Cefic – partner. Certifications: ISO 27001, EcoVadis.

Staff selection

Toxicology – more than 45 toxicologists.

Global regulatory affairs including consortium management and TPR – more than 80 specialists.

Environmental fate and modelling – more than 70 experts.

Ecotoxicology – more than 45 ecotoxicologists.

Phys-chem and analytics – more than 30 chemists

Contacts	
Website	https://biopharma.labcorp.com/services/chemical-crop-protection.html
Head office	Headquarters: 531 South Spring Street, Burlington, NC 27215
Tel	+1 336 436 3920
Contact	Crop Protection & Chemical Division
Directors	Don McKenzie (VP Global Head of Crop Protection & Chemical), Joanne Miller (Global Head of Sales, Crop Protection & Chemical, preclinical Medical Device)
Ownership	Publicly traded
Locations	US, UK, Korea, Japan, China, Germany, Switzerland, Spain
Founded	1969 for Labcorp – Legacy Chemical Testing Experience from 1931

Overview

Labcorp is a global leader of innovative and comprehensive laboratory services that is a premier laboratory partner offering human and environmental safety testing, physical chemistry, as well as, regulatory consultancy and other dedicated services that furthers the development of chemical and crop protection products from early discovery all the way to dossier preparation and regulatory submission.

Labcorp continues to innovate with chemical and agrochemical advancements through our experienced team of dedicated experts and consultants, our compliant infrastructure, an unparalleled testing portfolio and industry-leading consulting support.

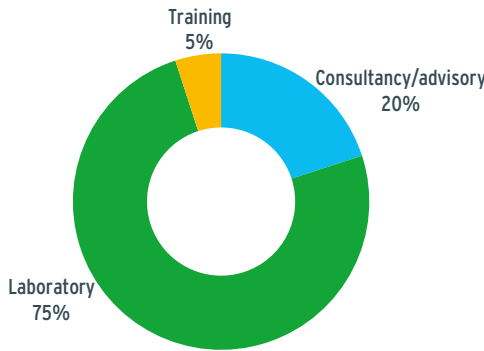
Together, we can improve human health and environmental safety by offering testing solutions for a healthier tomorrow.

Vital statistics

2023/24

No of offices	35
No of countries represented	100
Staff: group	>67,000
Staff: chemical service provision	<1,000

Service area breakdown*



*Crop Protection and Chemical breakdown only

Global offices*

United States (Greenfield, IN; Madison, WI). **United Kingdom** (Eye; Huntington; Shardlow; Harrogate). **Japan** (Tokyo). **Korea** (Seoul). **Spain** (Valencia). **Switzerland** (Fullinsdorf).

* Regions that have crop protection and chemical sites only.

Services provided

Physical chemistry

- Technical active ingredient characterisation
- Physical and chemical properties of AI properties
- Physical and chemical formulation properties
- Formulation and stability

Human safety

- *In silico*
- *In vitro* safety assessment
- *In vivo* safety assessment
- General toxicology
- Genetic toxicology
- Inhalation toxicology
- Development and reproductive toxicology (DART)

Environmental safety

- Ecotoxicology
- Environmental fate and metabolism
- Field trials
- Residue analysis trials
- Endocrine disruptor screening programme assays

Regulatory consultancy

- Regulatory consultancy
- Global regulatory support
- Classification, labelling and safety data sheets
- Registration and submission
- Community Rolling Action Plan (CoRAP)
- Biocides
- Biopesticides
- (Q)SARs

Industries we serve

- Crop protection products
- Industrial chemical products
- Nicotine products
- Biopesticides
- Biocides
- Nanomaterials
- Food and feed additives
- Cosmetics and fragrances

Accreditations

We maintain a number of laboratory certifications based on location. As a value-added service to our clients, we provide access to the current laboratory certification documents for each of our laboratory sites.

Accreditations and Certifications

Clients

Industrial and agrochemical companies that develop and manufacture chemical and agrochemical products for the open markets around the world.

Corporate developments and achievements

1931	Harlan Labs established (Legacy crop protection and chemical focused lab)
1951	Huntington Life Sciences lab established
2015	Huntingdon Life Sciences, Harlan Laboratories, GFA, NDA Analytics and LSR associates merged into Envigo Labcorp completes its purchase of Covance
2019	Labcorp acquires Envigo CRS – expands CP&C portfolio of offerings
2021	Labcorp expands US footprint with CP&C capabilities in Greenfield, IN
2024	As a leading lab partner that offers human and environmental safety testing and consulting services for the CPC industry, Labcorp offers a global network of sites across four global regions (North and South America, EU (UK) and APAC)

Case study 1

Navigating nanomaterials through REACH – Chemical Services case study

Labcorp was approached by a client with a synthetic graphite nanotube used in specialised applications who needed to register it in the European Union under REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) regulation.

Although graphite is already registered under REACH, these tubules were clearly nanomaterials and therefore required a specialised REACH registration.

[Navigating Nanomaterials Through REACH – Chemical Services Case Study, Aug. 03, 2021 \(labcorp.com\)](#)

Case study 2

Planning for OECD TG 443 Changes by Generating History – Chemical Services Case Study

Keeping up-to-date on regulatory changes and performing sufficient groundwork to allow rapid implementation of new testing requirements is crucial to providing exceptional service to our our clients.

This proactive approach was needed when the Organization for Economic Co-operation and Development (OECD) introduced test guideline (TG) 443 – Extended One-Generation Reproductive Toxicity Study (EOGRTS) and the EC and ECHA preferred the OECD 443 to the OECD TG 416.

[Planning for OECD TG 443 Changes by Generating History – Chemical Services Case Study, Jun. 14, 2021 \(labcorp.com\)](#)

Case study 3

Safety first: Your guide to the Toxic Substances Control ACT (TSCA)

All governments are keen to ensure that the chemicals produced, manufactured and used within their countries are safe for consumers and used appropriately.

The 2007 European Union Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) regulation has become a model globally and is hazard based. In contrast, the US Environmental Protection Agency (US EPA) takes a risk-based approach to regulation under TSCA.

[Safety First: Your Guide to the Toxic Substances Control ACT \(TSCA\), Jan. 31, 2022 \(labcorp.com\)](#)

Staff selection

Sabitha Papineni, DVM, PhD – Global Head, Science & Strategy, Crop Protection & Chemicals Regulatory Consulting

- Mammalian toxicology subject matter expert on crop protection and chemical regulatory programmes
- Crop protection and chemical industry regulatory experience
- Strategic planning for development and maintenance of new active substances and plant protection products to ensure successful registrations with global regulatory authorities
- Review of data requirements and testing strategy development, such as waiver rationales, endocrine disruption and carcinogenicity weight of evidence assessments and mode of action studies and position papers
- Country-specific regulatory approaches and strategies to USEPA, PMRA, ANVISA (Brazil) and EU

Lesley Creighton – Regulatory Strategic Lead (Chemicals), CPC Regulatory Consulting

- Chemicals EU REACH and UK REACH
- Global notification of new chemical substances in North America, Australia, Asia Pacific region and developing regulatory regions
- EU REACH Only Representation, UK REACH Only Representation and Korea REACH Only Representation
- EU poison centre notifications (PCN), Harmonized Offshore Chemical Notifications (HOCN)

David Mayfield, MS, DABT, BCES – Expert Consultant, Crop Protection and Chemicals Regulatory Consulting

- Subject matter expert on human health toxicology, ecotoxicology, and risk assessment in relation to regulatory programmes
- Extensive experience performing toxicological assessments for international regulatory compliance programmes (eg TSCA, REACH, GHS).
- Strategic planning for development and maintenance of new chemical substances to ensure successful registrations with global regulatory authorities
- Supports development of Environmental Risk Assessments (ERAs) and strategies for related ecotoxicological testing supporting new Pharmaceutical Drugs

Steven Renaut – Associate Study Director, DART

- Chemical registration and drug development
- Safety assessment
- Study design and conduct
- Reproductive toxicology
- Crop protection and chemical studies
- Embryo-fetal development
- Male and female fertility
- Pre-and post-natal development
- Juvenile toxicity
- Scientific and regulatory compliance
- Regulatory and scientific strategy
- REACH guidelines

David Arrowsmith, Regulatory Consultant – Lead Project Manager (Biocidal Products), Crop Protection and Chemicals Regulatory Consulting

- Biocides: EU BPR, UK BPR and K-BPR
- Strategic planning and project management for approval/renewal of active substances and biocidal products to ensure successful registrations with regulatory authorities
- Review of data requirements and testing strategy development for product family authorisations, read-across justifications and efficacy testing requirements for disinfectant products
- Prepares biocidal regulatory dossiers, including product authorisation, active substance approval, article 95 applications, technical equivalence, and transitional notifications
- Project manages and provides regulatory consultancy to Task forces/Registration Groups

Contacts	
Website	www.lisam.com
E-mail	info.eu@lisam.com
Head office	Rue Jean Jaures 5, B-7190 Ecaussinnes, Belgium
Contact	Michel Hemberg
Directors	Michel Hemberg, Owner and CEO/CIO Lisam Global Thierry Levintoff, Owner and CFO Lisam Global
Ownership	Private company
Locations	Belgium, France, Germany, UK, Romania, US, India, Turkey, Brazil, China, Luxembourg, South Africa, Italy, the Netherlands, South Korea, Australia, Argentina, Spain, Canada, Bulgaria, Mexico
Founded	1999

Overview

Founded in 1999 and serving more than 2000 customers, Lisam is a global provider of smart EHS compliance and practical sustainability solutions fully integrated with chemicals management. Lisam delivers EHS solutions for incident management, audits and inspections, sustainability sources management and chemical inventory management, as well as product stewardship solutions for substance volume tracking, SDS authoring, distribution and management.

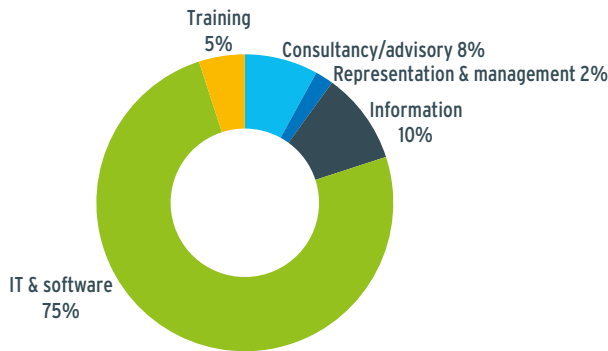
Working with industry associations and partners, Lisam has developed, proprietary, vertical EH&S solutions for the chemical, speciality chemical, cosmetics, aromas and flavourings, detergents, paints, coverings, coatings, plastics and energy industries. Today, thousands of customers in these industries rely on Lisam’s flagship software, ExESS®, to manage their compliant safety data sheets and labels, designed for all major commercial markets and available in 56 languages.

Vital statistics

2023/24

Turnover: group	€73m
Turnover: chemical service provision	€51m
No of offices	21
No of countries represented	25
Staff: group	330
Staff: chemical service provision	270

Service area breakdown



Services provided

Regulatory advisory services

For the past 25 years, Lisam has been a strategic partner to the chemical industry offering advanced environment, health and safety software and

- services. With practical knowledge and experience, we will guide your strategic decision making and bring support in:
- **safety data sheets:** creating quality SDSs in compliance with REACH and other regulations specific to your activities;
 - **exposure scenario authoring:** preparation and translation in the latest standard format;
 - **product portfolio compliance** relating to REACH, worldwide GHS, CLP (e) SDS, transport of dangerous goods, and many other regulations;
 - **poison centre notifications** (Annex VIII to CLP);
 - **regulatory monitoring:** general and customised;
 - **biocides:** declaration of biocidal products and quantities, composition validation, study monitoring and environmental fate assessment, marketing authorisation, inclusion on list of authorised active substances and labels;
 - **EU and UK REACH registration:** data collection, data gap analysis, test strategy, study monitoring, dossier preparation and submission (more than 400 dossiers);
 - **EU and UK REACH only representative:** REACH compliance for non-EU and non-GB manufacturers; and
 - **EU and UK REACH third-party representative:** Lisam acts on your behalf for data submission and data sharing.

Lisam will act as your trustee whenever necessary to maintain the protection of your or your suppliers’ CBI. Our regulatory department also includes IT experts to advise you on the most adequate IT environment, install Lisam’ EH&S modules, train your teams, and support you with change requests and incidents.

ExESS® EH&S packages

- ExESS EH&S applications are easy to use and flexible to configure. The system provides a powerful, open strategy for integrating with customer and third-party content. It allows for real-time API integration with a broad range of enterprise systems, and batch integration with built-in integration tools:
- **SDS and label authoring and distribution:** user-friendly, comprehensive and globally compliant solution for authoring and distribution of safety data sheets and labels, installed on single workstations, over worldwide corporate networks or accessed and used via the cloud;
 - **chemical management:** efficient and effective management of all materials information relating to regulatory compliance, hazard communication, environmental reporting and inventory management;
 - **safety management:** workplace safety information managed from one centralised database. Easy generation of documents to describe;
 - advised **handling of chemicals** and adequate protective and emergency measures;
 - **substance volume tracking:** simplification and automation of regulatory volume tracking and reporting, for EU REACH (including SVHC), US inventory update reporting and chemical data reporting and Japan’s Chemical Substance Control Law;
 - **regulatory content:** cost effective, integrated regulatory content such as DEL lists, EU GHS and REACH databases, US state/federal lists and choice of fully integrated third-party regional libraries, including BIG for EU, JCDB for Japan, SRICI for China, or ChemADVISOR’s LOLI® for global content and our own provider, WikiChemia, for the monitoring and fast integration of global regulatory content.

Our solutions also include an integrated suite of applications covering:

- active SDS distribution;
- chemical management;
- global regulatory detection and reporting; and
- simplified generation of SDS or labels (multi-regional, multi-lingual, multi-organisations).

More solutions for waste management, risk assessment, detergents, fragrances, cosmetics, gas incidents and audit management, compliance calendar and tasking, air emission calculations, and chemical management etc.

Training, services and support

Our services are offered in several languages:

- **regulatory training and consulting:** EU and UK REACH, GHS, CLP IUCLID, (e);
- SDS, poison centre notifications, biocidal products regulations;
- introduction and extended training on ExESS applications;
- **regional training:** EU, US, China, Japan;
- **technical training:** API, ERP integration, customisation;

- a helpdesk answering you on the phone or via email;
- version patches and updates of ExESS issued three times a year guarantee a system aligned with latest regulatory changes: and
- free user conference twice a year to discuss the latest implementations.

Corporate developments and achievements

1999	Creation of Lisam in Belgium
2002	Acquisition of Belgian company ESI (Protheus Software)
2006	Acquisition of Telegis, France, to offer support and regulatory consultancy services
2007	Lisam India opens in association with Kalosoft Systems Technologies
2009	Acquisition of Hemmis, reinforcing development team and integrates ExESS software Start partnership with EMORI (Japan) to develop the ExESS modules and interface in Japanese
2010	Lisam America opens in Houston, Texas
2012	Lisam UK opens in Hartlepool
2013	Lisam Canada opens in Montreal, Quebec
2014	Lisam Deutschland opens in Berlin Wikichemia, LISAM start-up dedicated to the management of regulatory lists, opens in Luxembourg
2015	Lisam opens offices in Turkey, Romania and Brazil
2016	Lisam opens offices in China and the Netherlands
2017	Lisam opens offices in Italy and South Africa
2018	Lisam opens offices in Australia and South Korea
2019	Lisam opens offices in the Netherlands
2022	Lisam opens in Spain
2024	Renewal of ISO 9001 and ISO 27001 certifications Lisam Achieves NIS 2, TISAX certifications

Accreditations

REACH Ready certification. Full member of ORO (REACH Only Representative Organisation). EIGA preferred solution. Microsoft Gold Partner.

Partners

EIGA, WikiChemia, Emori, NRCC, Enhesa, JCDB.

Clients

Lisam applications and regulatory advisory services are adopted by more than 2500 medium and large clients worldwide, in all industry sectors.

Testimonials

“Lisam’s ExESS® software centralises all our needs regarding REACH and GHS, and this on a worldwide scale. Employees from offices around the world are connecting to the ExESS software to generate compliant SDS, labels or other documents. We chose the Lisam solution for their worldwide compliance and support, and for their commitment to keep track of legislation changes and implement future GHS whenever released,” *Vice President, Corporate QSHE of a multinational consumer goods manufacturer.*

“After a comprehensive selection process, we chose to work with Lisam and its software, ExESS®, for a number of reasons. Their system offered all functionalities expected and no other system we looked at could match its

usability. The people of Lisam fully understood our needs and our process flow. We didn’t need to adapt our way of working to the new system, for it’s so flexible that it adapted itself to our way of working,” *Senior Director HSEQ of a global actor in the petrochemical Industry.*

For confidentiality reasons, testimonials on our regulatory services will gladly be provided on request.

Case study 1

Gas industry centralised SDS/label software

Context

- Multiple tools used for SDS and labels authoring
- Some subsidiaries using the same tool, but with different approach
- Some subsidiaries share a centralised database, while others use their own, lack of synergy
- SDS and labels layouts all differ, no efficient work method

Achievements

- Unification of the software’s patchwork under Lisam ExESS®
- Central unique database for all subsidiaries
- Limited migration of data: interface ExESS® with ERP/lab software
- Work done by one is benefiting to all
- One corporate standard for all compliance documents

Case study 2

Global regulatory success stories

Lisam has been supporting successfully global actors in cosmetics, detergents, fine chemicals, industrial and speciality chemicals, consumer products formulators with:

- ingredients, raw materials and product compliance under REACH and CLP;
- under other regional regulations;
- regulatory monitoring and early regulatory qualification processes;
- preparation and submission of inquiries as well as individual and joint REACH registration dossiers; and
- creation of thousands of (e)SDSs, meeting different regional GHS implementations.

Staff selection

Michel Hemberg – CEO

Michel is a founder and majority owner of Lisam. He took over the CEO position in June 2012, managing the global expansion of the company. Michel obtained a civil engineering degree in 1986 and has worked for 25 years as a IBM mainframe consultant in the financial market.

Dirk Stevens – R&D Director

Dirk is head of the ExESS R&D development at Lisam systems. He obtained a civil engineering degree in 1985 and has more than 20 years’ experience in software engineering, consultancy and product management in EH&S.

Ysaline Jamouille – Support and Delivery Manager

Ysaline leads the support and delivery team of our SDS software at Lisam. She obtained a civil engineering degree in 2014 and has been with the company for 10 years, contributing her knowledge to deliver major customer projects and ensure they are strategically designed for the best user experience.

Maxime Juste, ChE – Head of Delivery and Support

Maxime, a chemical engineer, leads the chemicals and indexing delivery and support department. He specialises in the authoring and distribution of SDS/labels, as well as data and product management in the EH&S domain, with a focus on leveraging AI to enhance information dissemination to users. Since 2010, he has served as a technical lead for the gas industry (EIGA) and managing projects for major industry players.

Contacts	
Website	www.makersite.com
E-mail	team@makersite.de
Head office	Munich, Germany
Contact	vaqais.hussain@makersite.de
Directors	Neil D'Souza
Ownership	Private company
Locations	Stuttgart
Founded	2018

Overview

Makersite is a software-as-a-service company based in Stuttgart, Germany. Our software gives manufactures with highly complex products transparency and confidence in their supply chains, to ensure regulatory compliance and accelerate every phase of product development.

We do this using machine learning and automation to regenerate data from your disparate systems and integrate it into our data foundation of global materials, processes, and suppliers. Creating instant, granular, and accurate product models for your entire portfolio.

Our artificial intelligence connects the internal product data of our customers with data from more than 140 external supply chain databases that converge in our software. This gives customers an overview of their products and supply chains across the entire lifecycle of the product and over 40 categories, such as sustainability, cost, regulatory, etc.

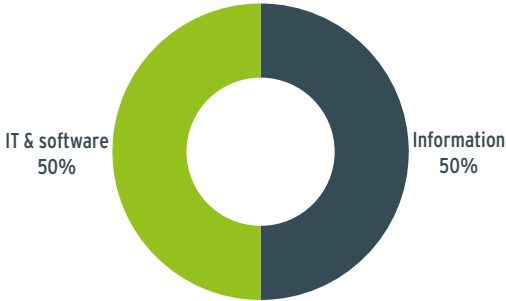
Currently, we work for customers like Microsoft, Cummins Inc, Barco, Canon, Lush, Cosnova and more. Clients mostly use Makersite to implement their decarbonisation projects, design more ecologically and purchase more sustainably.

Vital statistics

2023/24

No of offices	4
No of countries represented	Global
Staff: group	100+

Service area breakdown



Global offices

UK, Germany, Norway, United States.

Services provided

Makersite offers the following fully integrated solutions. All data, including proprietary third-party data, is included in our subscriptions.

Makersite Compliance: to manage quality and regulatory requirements, faster.

Compliance teams can use Makersite to harmonise material master data across the organisation to support timely and accurate compliance management. Product requirements including requirements for testing, quality and certification, and hazard communication can also be managed in an integrated manner. Makersite can help identify and mitigate compliance risks as an early warning system providing interactive and regionalised visualisations.

Extremely hazardous substance (EHS) chemical incident monitoring and substance tracking for compliance against control of major accident hazards (COMAH), Sevesco Directive, etc are also possible. Teams can also track compliance status against REACH, RoHs, Prop65, etc as well as custom lists and future regulation, and collaborate with suppliers with integrated surveys or standard exchange formats. Makersite offers flexible reporting including business intelligence (BI) integration for centralised dashboards.

Makersite Sustainability: for more sustainable products, faster.

Sustainability teams can use the integrated lifecycle analysis functionality to understand drivers of the product's environmental footprint orders of magnitude faster than traditional software. Makersite also enables engineering teams to design for environment and circularity with material lookups and AI-powered improvement suggestions, scenario analysis, and decision support functionality.

Makersite Costing: to calculate and optimise costs across your product's lifecycle, faster.

Makersite helps procurement teams implement their purchasing strategies by enabling them to should-cost purchased parts. Teams can quickly identify cost drivers and create a basis for supplier discussions. Makersite centralises cost data for the business and simplifies product costing for everyone. This enables engineering teams to design for cost and compares design alternatives, even early designs.

Makersite offers the following fully integrated solutions. All data including proprietary third party data is included in our subscriptions.

Makersite combines the best of all our products and provides a centralised intelligence platform that can integrate, harmonise, and gap-fill data from multiple systems. Together with our scenario analysis and decision support tools, this reduces friction between departments and helps to arrive at solutions faster.

Makersite also supports change and configuration management to reduce costly errors and the need for rework by understanding the impacts of changes in real-time.

Implementation and other services can be provided through us or our partners.

Accreditations

- The International Organization for Standardization (ISO)
- TISAX® is the world's leading automotive-specific information security standard

Partners

More than 140 data integrations, four integration partners, and three academic and industry partners (Berkeley and Durham University, Society of Cost Engineers).

Clients

Microsoft, Cummins Inc, Barco, Canon, Lush, Cosnova and 50+ global manufacturers, including 10% of the Fortune 500's top manufacturers.

Corporate developments and achievements

2018	Founded in Munich Launched the platform with product sustainability and costing applications
2019	Top ten startups in Europe by Innovation Radar Launched compliance applications and integrated more than 100 data providers
2022	€18m Series A investment Partnership with Autodesk, leader in product design software One of five finalists for the German Sustainability Award Partnership with Beroe to build more resilient supply chains
2023	Expansion to include team in North America Included as an example in AI segment in Gartner W Leverage Technology Ecosystems to Improve Sustainability Capabilities report for 2023 Included as a sample vendor in Forrester's "Supply Chain Imperatives For 2023" Named in Spend Matters 2023, Spend Matters 50 to Watch Named top 10 vendors advancing ESG and Sustainability Performance by Verdandix Named top 100 of 2023 by ProcureTech Named top 21 circular economy start-ups of 2023 by Circulaze Secured Partnerships with Ecolnvent, Hitachi Solutions, PTC Windchill, and Suppliers Partners for the Environment and others
2024	20+ new customers join Makersite Partnership integration with Carbon Minds and with Ansys Named 'Top 10 Next Big Thing' by Fast Company

Case study 1

Advancing sustainability in industry: A conversation with Cummins

Cummins Inc.'s Mousumi Mukhopadhyay, Manager of Circular Economy & Life Cycle Leader, takes us through their journey with product level LCAs and supply chain insights.

Cummins were looking to take the next step in their sustainability journey. For them, this included keeping pace with the growth in annual ESG reporting obligations (including scaling their reporting capabilities to handle 27 ESG reports annually), standardising their data and enhancing supply chain transparency through digitisation.

Makersite helped Cummins to digitise their supply chains to show multitiered data aggregation layers, including data assurance, traceability and transparency as well as the collection and inspection of specific domains. With Makersite's solution, Cummins was able to show how a product was generated, trace its journey through the supply chain and translate that information into the required sustainability reports.

Case study 2

Barco create multiple LCAs and PEFs on the fly

Barco faced challenges in efficiently reporting SKU-level environmental data due to data being siloed and scattered across the supply chain, resulting in slow and costly manual efforts.

Makersite provided Barco with automated Life Cycle Analysis (LCA) and Product Environmental Footprints (PEFs) at the SKU level, allowing them to accurately offset their emissions, comply with EU taxonomy reporting requirements, and implement more targeted eco-design principles across their product portfolio. Barco was able to consolidate and enrich their data, perform comprehensive environmental reporting, and make data-driven decisions to minimise their environmental impact.

Case study 3

Schaeffler: Toward a climate-neutral supply chain with Makersite

How Schaeffler came one step closer to their target of a climate-neutral supply chain with the help of Makersite.

To achieve a climate-neutral supply chain by 2040, the company aims to reduce the carbon footprint of its raw materials by 25% by 2030. The challenge is that 90% of the raw materials used to make their electric motors are sourced from China with little to no deep-tier insight into emissions.

By teaming up with Makersite, Schaeffler can run ad-hoc automated analyses of environmental impacts from various supply chains in scope, eg for use of materials enabling the comparison different product scenarios from a sustainability perspective. By evaluating a range of sustainable supply chain alternatives in a pioneering pilot project, Schaeffler won the Global Innovation Award.

Case study 4

Microsoft's LCA methodology with Makersite

To transform their LCAs from being a purely directional modelling process to a more supply chain-specific environmental impact accounting process, Microsoft has invested in an innovative approach leveraging internal software engineering teams and Makersite to power sustainable products and supply chain decisions at scale.

The new approach was created to automate and scale the modelling of complex electronic products with an unprecedented level of primary data coverage. The key differentiation from common practices is that Makersite's artificial intelligence analyses the bill of material (BOM) of each device and the material composition from full material declarations (FMD) collected from suppliers to automatically model each part, component and sub-assembly down to its actual chemical composition.

A model of a representative manufacturing process is associated with each part in the BOM using data from Makersite, IDEA, and Ecoinvent, cutting out much of the manual effort and providing our LCA practitioners a running start. Effective scaling up of this modelling is enabled by the integration of Microsoft's product data management system with Makersite.

While their LCA experts are still involved in the process, they can now focus on completing the model with suppliers' primary data, performing the quality analysis, and ensuring the model is representative.

Staff selection

Neil D'Souza - CEO

Neil is an industry veteran and has previously been CTO at Thinkstep, the leader in product and corporate sustainability solutions. With more than 13 years' experience of building products, leading teams and directly helping customers through his technical consulting work, he founded and built the Makersite technology platform.

Fabian Hassel - COO

Fabian is an expert in lifecycle assessment, product sustainability and EHS. After an extensive career at Thinkstep and Emisoft AS, Fabian is now in charge of services and data at Makersite. He has conducted more than 100 LCA studies with international companies such as Kraft Foods, Mondelez, Hartman AG, Volkswagen, Mann und Hummel and has been involved in the development of the French ADEME database, the German Okobau.dat and other intentional lifecycle assessment databases.

Roy D'Souza - Data Science Lead

Roy is an expert in data science with a PhD in physical organic chemistry, while previously working in the fields of nanotechnology, biotechnology, and food chemistry, where he made several discoveries of new materials, unknown natural products, and new cocoa-based consumer products (ruby cacao). Currently, Roy works for Makersite as a data science lead building data model for sustainability, compliance, and risk in the manufacturing industry.



Contacts	
Website	www.ramboll.com
E-mail	rudolf.wilden@ramboll.com
Head office	Copenhagen, Denmark
Tel	+49 1 52 2258 1047
Contact	Dr Rudolf Wilden, Product Safety & Stewardship Lead Europe
Directors	Dr Martina Vosteen (Global) Dr Monika Hofer, Dr Benedikt Fischer (Germany) Dr Meera Cush, Thomas Griffiths (UK) Erin Tesch, Dr Lisa Navarro (US) Dr Cécile Rousseau (France) Nicklas Gustavsson (Sweden) Gabriele De Paoli, Giovanni Talamini (Italy) Dr Rosa Cirera (Spain) Willi Muenninghoff (Asia Pacific) Julian Reddy (Australia and New Zealand)
Ownership	Private company
Locations	300 offices worldwide
Founded	1945

Overview

Ramboll is a leading engineering and consultancy company employing more than 18,000 experts. Our presence is global, with representation across continental Europe, the UK and the Nordic countries, North America, the Middle East and Asia Pacific.

We have recently enhanced our health sciences division by joining forces with SCC Scientific Consulting Company and doubling our expertise in regulatory compliance and product safety to provide best-in-class consulting to our clients who profit from a wider and integrated range of services.

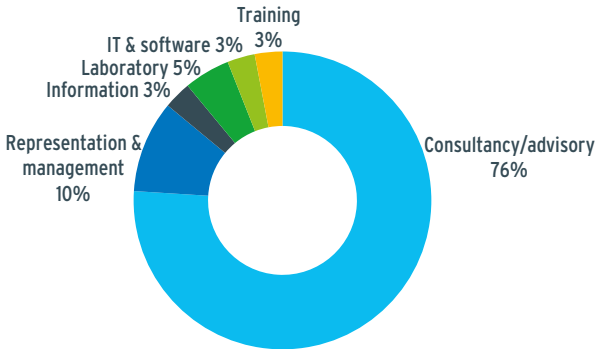
Our regulatory and technical teams across the globe work together to evaluate products, their ingredients and components across the entire lifecycle, providing insights on safety, sustainability, supply chain risk, and compliance with regulatory requirements, efficacy and performance, registration, dossier preparation and defence strategies.

Vital statistics

2023/24

Turnover: group	€2,353m
Turnover: chemical service provision	€50m
No of offices	300
No of countries represented	35
Staff: group	>18,000
Staff: chemical service provision	340

Service area breakdown



Services provided

Ramboll works in partnership with clients to develop and support product regulatory compliance strategies and prepare robust technical dossiers and risk assessments for substances in:

- industrial;
- agricultural (chemical and biological);
- biocidal;
- consumer;
- cosmetics;
- medical devices and pharmaceutical;
- food and food safety; and
- food contact applications.

Across the industries we balance clients’ technical, regulatory and commercial interests with sound science and strategy. Clients trust us with their most critical problems. We help our clients influence development of practical policy, regulation and guidance and communicate effectively with the EC, ECHA, EFSA and MSCA.

For the chemicals sector, we provide global strategic, scientific and regulatory support for all regulated substances including those targeted for substitution. Services include for example, substance evaluation, regulatory impact assessment, expert advice on CLP compliance, applications for authorisation (eg under REACH), supply chain management and audits of product regulatory compliance systems. Ramboll acts as a consortium manager, only representative and responsible person, and is independent from testing facilities.

We also offer comprehensive regulatory and scientific data storage solutions, including secure archiving of GLP raw data.

Product stewardship, substitution and troubleshooting

We have tremendous breadth and depth of expertise as well as extensive hands-on process experience, covering:

- grouping /category approaches (read-across);
- toxicology and toxicokinetics;
- epidemiology;
- exposure modelling and risk assessment;
- ecotoxicology and environmental fate;
- conceptual work on higher-tier approaches;
- endocrine disruption (ED);
- physico-chemistry and analytics;
- occupational health;
- regulatory affairs;
- joint submission, supply chain and stakeholder management;
- socio-economic analysis and analysis of alternatives;
- quality management;
- technical advocacy; and
- GLP archiving.

We are ideally placed to advise clients on problems across the spectrum of product safety and stewardship, including product substitution and sustainable chemistry.

Testimonials

Since the introduction of our routine project satisfaction survey in 2021, Ramboll has been rated 4.4-4.6 (out of 5) for the quality of deliverables and overall project satisfaction. We appreciate this testimony for to the quality of our work.

Accreditations

- GLP archive since 2004
- Full member of the Only Representative Organisation (ORO)
- Founding and board member of the European Association of Regulatory Consultants and Contract Research Laboratories (EACL)

Corporate developments and achievements

2023	Ramboll has signed a licence agreement with Clean Production Action (CPA) to conduct comparative chemical hazard assessments under the GreenScreen® methodology. This is part of Ramboll's integrated service offering combining product compliance and product sustainability
2024	SCC Scientific Consulting Company joins forces with Ramboll to strengthen the Health Sciences division

Clients

Clients span all industrial sectors.

Case study 1

REACH registration and evaluation

We prepare robust substance dossiers, reliably characterising chemical fate and effects on humans and the aquatic environment and setting out practical exposure scenarios to deliver safe use for the environment, workers and consumers. We have extensive experience of both dossier and substance evaluation, and support through the appeal process.

Case study 2

PFAS restriction support

We developed two dossiers for an industrial client to respond to the recent public consultations launched in relation to the EU PFAS Restriction Proposal. The dossiers encompassed different technical areas, such as toxicological evaluation of the PFAS in scope, industrial emissions and mitigation strategies, analysis of the alternatives known in literature and a socio-economic impact analysis along the supply chain.

Case study 3

Risk Management Option Analysis (RMOA)

Technical support to help an industry sector develop and justify to policy makers a more credible and effective RMO for a chemical than inclusion on Annex XIV REACH, and active engagement with stakeholders to inform policy development.

Case study 4

Assured global compliance of new product

A company launching a new consumer product worldwide had overlooked product regulations. We advised on regulatory obligations in 50 countries, considering chemical notification, packaging and labelling requirements and optimising the formulation and market claims.

Case study 5

Comprehensive exposure assessment

A food packaging producer was concerned when residual levels of a contaminant were unexpectedly found in a key product. We could show that consumer exposure from handling the packaging and ingesting the packaged foods was safe, avoiding regulatory action.

Case study 6

Proposal to reclassify as CMR

An industry association asked Ramboll to advise on the basis and technical merits of EC proposals to reclassify a substance as CMR and provide support for technical advocacy for appropriate risk management measures.

Case study 7

Endocrine disruption

Identification and comprehensive evaluation of all available data using a weight of evidence approach to assess whether a substance had endocrine disrupting properties. Presentation of the evidence to authorities to inform policy making.

Case study 8

Grouping for complex substances under REACH

For a demanding class of >30 highly unstable and reactive substances, many in the higher tonnage bands, we established a category grouping approach, enabling us to minimise overall costs and avoid unnecessary animal testing. The key challenge was to develop complete testing packages based on robust bridging studies where many compliance check decisions were already in place.

Through intelligent testing strategies, we were able to build up a comprehensive picture for the substance group, having waived many higher-tier tests.

Staff selection

Dr Martina Vosteen – Principal, Global Division Director, Health Sciences

Twenty years’ experience in risk assessment and product-related regulatory support for chemicals, biocides and consumer products, including RMOA, restriction (eg PFAS) and authorisation for REACH.

Erin Tesch – Principal, Director Health Sciences, US

More than 25 years’ experience of regulatory guidance and advocacy for clients seeking approval of chemical related products.

Willi Muenninghoff – Principal, Director Health Science, Asia Pacific

Thirty years’ experience in product-related regulatory support for chemicals, biocides and consumer products, including consortium management and enabling data sharing globally.

Dr Lisa Navarro (DABT, ERT) – Principal, Health Sciences, Product Safety & Stewardship, Global Key Account Program Lead (focus Americas)

US board-certified and EU registered toxicologist with more than 25 years’ experience providing strategic guidance for the approval, ongoing compliance, and stewardship of consumer goods including food ingredients, cosmetic ingredients and food packaging materials.

Dr Rudolf Wilden – Principal, Product Safety and Stewardship Lead

More than 25 years’ experience in supporting clients maximising the value of product-related HSE compliance and product sustainability.

Dr Robert DeMott – Principal, Product Safety and Stewardship

A Board-certified toxicologist with more than 25 years’ expertise evaluating health effects from chemical exposures in the workplace and community.

Julian Reddy – Principal, Global Regulatory Affairs Manager

Thirty years’ experience as regulatory project manager providing strategic guidance and supporting clients and consortia in meeting their global regulatory obligations for industrial chemicals, consumer products and biocides.

Dr Thomas Ruecker – Principal, Regulatory Toxicology

A board certified toxicologist (ERT/DABT) with more than 20 years’ expertise in assessing hazards and risks from chemical exposures.

Dr Cécile Rousseau – Principal, Product Safety and Sustainability Lead

More than 15 years’ experience between the French Competent Authority for REACH and Biocides, French Chemical Sector Organisation and supporting local to global clients optimising their products and minimising their impacts.

Dr Thomas Roth – Principal, Chemicals Lead, Germany

A certified toxicologist (ERT) with a PhD in food chemistry and an extensive professional expertise in the evaluation and registration of consumer products and chemicals worldwide, with more than 15 years’ experience in senior regulatory affairs positions.

Contacts	
Website	www.reach-gs.eu
E-mail	info@reach-gs.eu
Head office	Rond Point Schuman, 6 Box 5, B-1040 Brussels, Belgium
Tel/fax	+32 (2) 234 77 78, +32 (2) 234 79 11
Contact	Anna Figlarek
Directors	A. Ecmel Yorganci – Global Offices CEO Adil Pelister – Chairman of the Board
Ownership	Private company owned by Chemicals and Chemical Products Exporters’ Association (IKMIB)
Locations	RGS SA Brussels, Belgium. RGS İstanbul Liaison Office, İstanbul, Türkiye. REACH Global Danışmanlık A.Ş İstanbul, Türkiye. ChemAdvocacy Kimyasallar Danışmanlık Ltd. Sti (CATR) İstanbul, Türkiye
Founded	2008

Overview

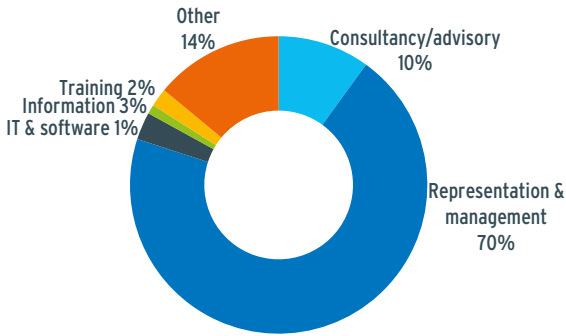
Brussels-based REACH Global Services SA (RGS) and its Turkish subsidiary RGS Danışmanlık A.Ş are professional regulatory consulting companies advising clients in the chemicals and allied industries to comply with EU, Türkiye and worldwide REACH-like chemicals legislations. RGS Group’s experienced staff supplies services to a diverse array of global companies, operating across a range of chemical industry sectors in over 62 countries.

Through experience, in-depth knowledge and understanding of the regulations and governments’ regulatory processes, associated policies and guidance documents, RGS offers a wide range of cost-effective services ranging from Only Representation, consortia management and Responsible Person services as core businesses for EU/Turkish REACH and EU Cosmetics Regulations included but not limited to; company specific consultancy services, general consultancy, training on specific legislation compliance.

Vital statistics

No of offices	3
No of countries represented	5
Staff: group	25
Staff: chemical service provision	21

Service area breakdown



Services provided

EU REACH Regulation

As a company placing chemicals on the EU market, you must comply with Regulation No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Our services

- Only Representation (OR)
- Registration dossier preparation
- Tailor-made tonnage tracking IT system and certification for downstream user (DU)/importer
- SIEF/consortia management
- General consultancy services

EU Cosmetics Regulation

According to Regulation (EC) No 1223/2009, notification of a cosmetic product must be submitted prior to placing the cosmetic product into the EU market. Companies manufacturing outside of the EU must appoint a Responsible Person (RP). Since 2013, RGS has acted as an RP and has notified thousands of products to the CPNP and prepared product information files (PIFs).

Our services

- Acting as a Responsible Person (RP)
- Preparation of PIF and cosmetic products safety assessment reports (CPSR)
- Formulation, labelling and claims review
- Notification to CPNP

Turkish KKDIK

KKDIK is almost a copy and paste of the EU REACH Regulation translated into Turkish, but unavoidably there are slight differences to pay attention to, and all implementation and compliance processes are in the Turkish language.

RGS acts as a Turkish OR through its branch office, with its consultants highly experienced in the EU REACH Regulation and fluent both in English and Turkish. It is critical for non-Turkish manufacturers to choose a well-versed expert OR in Türkiye to successfully comply with the Turkish national legislation.

Turkish CLP (SEA)

According to the Turkish by-law on the Classification, Labelling and Packaging of substances and mixtures (CLP), hazardous substances and hazardous polymers placed on the Turkish market should be notified. Since 2010, RGS represents international companies putting hazardous chemical substances and mixtures on the Turkish market under the MoEUCC database.

Turkish PIC Regulation

As part of the harmonisation efforts with the EU PIC Regulation and the effective implementation of the Rotterdam Convention in Türkiye, MoEUCC published the “Regulation on Export and Import of Hazardous Chemicals” on 28 January 2023. Pursuant to the Article 8 of the Regulation, companies are obliged to provide information to the authorities, in the first quarter of each year, on the quantities exported or imported.

Our services

- Submission of export notifications via e-ÖBK system
- Submission of annual import/export declarations via e-ÖBK system
- Follow-up of regulatory updates

Consortia/SIEF management

RGS and CATR staff are experts in REACH and KKDIK implementation processes and in the management of consortia, particularly in data sharing, legal, financial and technical processes.

RGS is leveraging all the expertise described above and acting as an interface between our EU REACH consortia management experience and KKDIK. This results in effective communication and collaboration with both Turkish chemical industry stakeholders and national authorities.

SDS services

RGS, with its experienced expert staff holding certifications from the accredited institutions, offers services for SDS and e-SDS preparation, update and validation in Turkish compliant with KKDIK and in 54 different languages compliant with EU REACH Regulation for your company-specific needs.

CBAM notification and reporting

Within the framework of the CBAM Regulation, during the transitional period in effect until January 2026, carbon emissions released during the production stages of imported products to the EU and the (indirect) emissions arising

from the production of electricity used in the production processes will be reported. RGS has been appointed as Authorised CBAM Declarant in the EU by getting an EORI number.

Our services

- CBAM notification
- Consultancy services within the scope of reporting
- Follow-up of legislation updates
- Certificate preparation by experts

GPSR

Regulation (EU) 2023/988, the General Product Safety Regulation (GPSR) aims to ensure that all products sold in the EU market meet safety standards, particularly for online and distance sales. RGS acts as an Authorized Representative (AR) for businesses outside the EU providing solutions especially for cosmetic products to ensure compliance with the regulation’s key requirements.

Our services

- Assisting in the compilation of the technical file
- Reviewing tests, risk assessments, labelling and safety information
- Storing the information for 10 years and being responsible for its accuracy
- Supplying product information to authorities during a potential inspection and notification to the Safety Gateway Portal

General consultancy services

RGS offers tailor-made training sessions on EU and Turkish chemical regulations. Assessment and certification services are also offered to companies having difficulty proving compliance for their products during exports into the EU.

Other global chemicals legislations

RGS offers services to manufacturers ensuring compliance with other chemical regulations in Korea, China, Japan and Taiwan. The scope of work includes, but is not limited to, local OR services, consortium management, notifications and registrations in the local language with required data, regulatory update monitoring and annual reporting, and liaising with the authorities when required.

Accreditations

RGS is a founding member of ORO (Only Representative Organisation), the unique European association, established in 2008 in Brussels, gathering all professional OR companies under the same umbrella, and guaranteeing common standard service quality to their non-EU clients.

All RGS staff are certified as Chemical Safety Assessors (KDU) and SDS Authors in conformity with the provisions of KKDIK.

Standardisation, certification and professional liability

- ISO 9001-2015 Quality Management Systems
- ISO 10002-2018 Quality Management – Customer Satisfaction
- ISO/IEC 27001-2013 Information Security Management
- Compliance with EU GDPR and Turkish equivalent KVKK

Both RGS legal entities are covered by respective professional liability insurances of €2,5m and USD2m.

Clients

RGS’ client portfolio (1500+ clients in 62 countries) ranges from multinational Fortune 500 leading worldwide chemical and allied industry companies up to small and medium enterprises.

RGS is working for sectors including but not limited to: Petrochemicals, paint, cosmetics, fertilisers, cement, welding, textile agents predominantly pigments, adhesives, iron and steel, metals and ores, plasticisers, automotive, industrial and household chemicals.

Corporate developments and achievements

2008	REACH Global Services SA. established in Brussels, Belgium İstanbul Liaison Office established in Türkiye
2010	Appointed as an OR for more than 220 companies by the end of the year, representing 80% of the Turkish chemicals export volume in addition to manufacturers’ from US, Japan, India, China, Indonesia etc. before the first EU REACH registration deadline
2011	Notified over 2000 substances under the Turkish bylaw on inventory and control of chemicals on behalf of +150 worldwide manufacturers
2013	Successfully completed REACH registrations in 2013 Started providing product information file (PIE) preparation services and introduced responsible person (RP) services according to the EU cosmetics Regulation
2015	Notified 1,500+ hazardous substances under the Turkish CLP (SEA) Regulation
2016	Established REACH Global Services Danışmanlık A.Ş in İstanbul, Türkiye Successfully notified 2,000+ cosmetics products into the cosmetics products notification portal (CPNP) by 2016
2017	Based on 12 years’ experience in EU REACH and Turkish KKDIK regulation, extended its activities in Korea, China, Japan, Taiwan
2018	Completed 11 years’ of REACH registration period with 2,000+ pre/registration for more than 450 manufacturers
2019	Pre-registered and notified 4250+ substances under KKDIK as OR/TPR, and SEA as trustee Preliminary preparations of SIEF/consortia establishment for Türkiye in direct communication with the EU REACH Consortia Extending activities in UK, and Eurasia
2020	Pre-registered more than 10,000 substances under KKDIK as OR/TPR for more than 350 manufacturers and notified 4,000+ substances for SEA. Leads SIEF/consortia activities within Türkiye Representing companies under UK REACH through strategic partners
2021	Commenced working on SIEF/consortium management in Türkiye, financial management and data sharing, letter of access agreements to provide services to the EU consortia and lead registrants
2022	Successfully submitted 50+ lead registration dossiers. Acts as the pioneer company on SIEF management for more than 6,000 co-registrants under KKDIK
2023	Successfully submitted 600+ registration dossiers. Acts as the pioneer company on SIEF management for more than 12,400 co-registrants under KKDIK
2024	Commenced CBAM, GPSR and Turkish PIC Regulation compliance services

Staff selection

RGS Board Members and management have more than 30 years’ chemical industry experience and international regulatory affairs practice. The RGS technical team consists of chemists, chemical engineers, and environmental engineers with Master’s degrees from five to 15 years’ experience. Our consultants are experienced within the areas of regulatory management of chemicals both in the EU and Türkiye, with extensive practices as well as representation of our clients in consortia and SIEFs.

RGS team of experts assesses manufacturers current regulatory status and supplies tailor-made and cost-efficient solutions and corrective actions to the companies in urgent need for compliance.



Contacts	
Website	rpaltd.co.uk
E-mail	post@rpaltd.co.uk
Head office	Suite C, 2nd floor, The Atrium, St Georges Street, Norwich, Norfolk, NR3 1AB, UK
Tel/fax	+44 1603 558442, +44 1508 520758 (Fax)
Contact	David Carlander
Directors	Matthew Lambert, Teresa Fenn, David Carlander, Eliza Kritikos
Ownership	Employee owned
Locations	UK, Italy, Czechia, Lithuania
Founded	1990

Overview

Risk & Policy Analysts Ltd (RPA), established in 1990, is an independent B-Corp certified employee-owned specialist consultancy. RPA has extensive experience in chemicals policy, chemical risk assessment and management, undertaking impact assessments and evaluations, including the development of quantitative and qualitative methodologies to assess policy impacts.

RPA is market leader in the development and application of socio-economic analysis (SEA) for chemical risk management and is particularly proud of its reputation in preparing applications for authorisation of SVHCs under UK and EU REACH for industry clients. RPA encompasses its skills in Evalunomics™ ‘the art and science of assessing and evaluating the economic, environmental and societal impacts of policies, regulations and decisions through expert analysis’.

RPA offers services on the assessment of socio-economic impacts from the CLP hazard classification of substances that are subject to the provisions of the biocidal products and cosmetic products Regulations. Following Brexit, RPA is also offering its services under the UK (GB) REACH legislation.

RPA has worked with industry clients since 2001 on the implications of the EU regime for chemical risk management. We have worked closely with the European Commission and the European Chemicals Agency (ECHA) on the development and implementation of REACH and many other regulations relating to chemical risk management, including recent reports on nanotechnology and UN GHS.

Our experience covers a wide range of industry sectors including bulk chemicals, ferrous and non-ferrous metals, paints and coatings, oil and gas, speciality and novel chemicals (including nanomaterials), etc, and this has resulted in detailed studies on more than 50 high-profile chemicals. RPA’s multinational staff routinely work on detailed analysis and consultation with industry and regulators in most European languages.

RPA is a B-Corp and is ISO9001 certified.

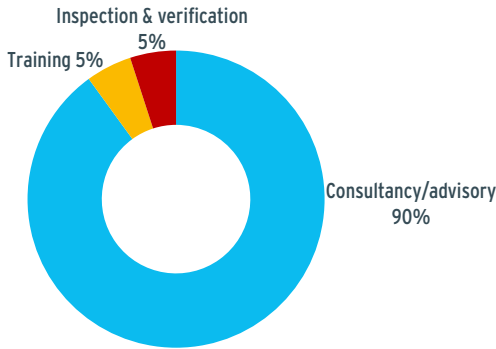
Vital statistics

Turnover: group	€4m
Turnover: chemical service provision	€2m
No of offices	4
No of countries represented	Focus on EU-27, EEA, UK and candidate countries
Staff: group	50
Staff: chemical service provision	25

Global offices

RPA: UK; RPA Europe: Italy, RPA-Prague, Czechia.

Service area breakdown



Services provided

REACH Authorisation

RPA assists industry clients with the development of applications for Authorisation of SVHCs under REACH (UK and EU), as well as REACH Authorisation strategies more broadly.

These studies involve detailed analyses of supply chains, of alternatives and preparation of SEAs and substitution plans.

REACH Restriction and CLP Classification

RPA assists both industry clients and regulators with the collection and analysis of use/exposure data of chemicals, their alternatives and the preparation of SEAs. This data may be used to inform restriction dossier development or support industry in defending substances for which harmonised hazard classifications or restrictions without derogations are proposed.

Regulations and impact assessment

RPA advises industry clients and regulators on the (potential) impacts of regulations and regulatory change. Recent examples include work on EU REACH revision, PFAS, nanomaterials, OELs, WEEE/RoHS, CMRs at work, toy safety, cosmetics, biocides, drinking water and WFD.

Partners

RPA works with FoBiG, Ökopol, Fieldfisher, Bureau Veritas, Triskelion, Milieu, DHI, Arche Consulting, IEH Consulting, AQC/Logika and Anthesis, among others.

Clients

OECD, European Commission (including DG Grow, DG Environment, DG Employment and DG Justice and Consumers).

National authorities (UK, Germany, Sweden, Denmark, France, Norway and the Netherlands).

European Chemicals Agency, European Food Safety Authority, European Environment Agency, Executive Agency for Small and Medium-sized Enterprises.

European/international industry/trade associations and groups (including AISE, Apeal, Cefic, Cosmetics Europe, DEHP ATF, Etinsa, Eurocommerce, Eurometaux, European Plastics Recyclers, IAEF WG5, ICMM, IMnl, International Zinc Association, Lead Development Association, Nickel Institute and UKWIR).

A range of companies (from multinationals to SMEs) and consortia, including Bayer Pharma AG, Dow Chemicals, Eli Lilly, Grupa Azoty, Huntsman, H&R Group, Lanxess, Rolls-Royce, Airbus, Leonardo, Nouryon, Spolana.

Testimonials

“We would like to express personally how much we appreciated your work and your help during the whole authorisation process. Not only the high level of expertise and the extremely efficient and flexible organisation were noteworthy, but the very friendly and warm work atmosphere.”

“Your expert knowledge alongside your conscientious, accommodating and flexible approach made it a pleasure to work with you on this project. The resulting outputs have provided us with a detailed ‘How-to’ guide for monitoring and evaluating UK REACH over the coming years.”

“[Client] is very satisfied with the deliveries of the projects and found the outcome very useful. We are also very happy with the continued support and the professional and open communication with RPA.”

Corporate developments and achievements

1998	RPA wins major framework contract for the UK authorities on chemical risk management
2000	OECD publishes guidance documents on SEA and chemical risk management prepared by RPA
2009	RPA contracted to support applications for authorisation under REACH with a focus on SEA work
2012	RPA completes three studies for DG Environment reviewing the first years of REACH implementation
2014	RPA clients obtain the first granted REACH authorisations
2016	RPA leads the EC fitness check for chemicals legislation (excluding REACH)
2017	RPA supports DG Employment in major revisions of the CMD and RPA clients submit first ever authorisation review reports
2018	RPA Europe established as an EU legal entity to ensure continuity of services within the EU post-Brexit
2019	RPA leads a team of consultants in providing technical services to the Aerospace & Defence Chromates Reauthorisation Consortium (ADCR). This team is also supported by Fieldfisher, FoBiG and Bureau Veritas
2020	RPA selected to lead fifth study for DG Employment assessing the socio-economic impacts of potential revisions to occupational exposure limits (OELs). RPA supporting UK DEFRA in UK REACH monitoring
2021	RPA and RPA Europe complete a report on behalf of ECHA on the current state of knowledge regarding chemical recycling of waste
2022	RPA supports private clients on PFAS substances. Submission of ADCR dossiers in EU and UK
2023	RPA leads sixth study for DG Employment on assessing the socio-economic impacts of potential revisions to occupational exposure limits (OELs). RPA selected to assist with development of REACH Regulation for the Isle of Man
2024	RPA, as consortium manager for ADCR, achieves 12 years authorisation for five chromates and 21 uses under both EU and UK REACH

Case study 1

Provision of analysis of alternative (AoA) and socio-economic analysis (SEA) support services

RPA has provided REACH Authorisation support to several consortia of manufacturers and users of SVHC substances. This includes preparation of analyses of alternatives, supply chain communication, preparation of socio-economic analyses and substitution plans.

Profile: Risk & Policy Analysts Ltd

RPA is acting leading the Aerospace and Defence Chromates Reauthorisation (ADCR) Consortium, preparing applications for authorisation for the sector across a range of uses for eight chromates. This includes reauthorisation in the EU and new applications for authorisation under UK REACH.

Case study 2

Market analysis of PFAS on behalf of authority and industry clients

RPA conducted an analysis on the manufacturing and processing of PFAS in Europe on behalf of RIVM, the Dutch National Institute for Public Health and Environment. In 2024 and 2025 RPA supported one of the PFAS dossier submitters. RPA has also supported several private clients with socio-economic analyses of PFAS across many sectors.

Case study 3

Sixth study on Occupational Exposure Limit Values (OELs)

RPA recently completed a sixth study for DG Employment, assessing the socio-economic impacts of potential revisions to OELs under the Chemical Agents Directive and the Asbestos at Work Directive. This includes performing socio-economic analysis of possible OELs to assess the costs and benefits.

Staff selection

David Carlander – Director, Chemicals

David, a board member of RPA, has more than 20 years’ experience from academia, public administration and the private sector. He holds a PhD in Clinical Chemistry, and an MSc in Biotechnology. For the past 20 years, David has been working on risk assessments in food and chemicals, including nanomaterials, PFAS and chromates.

David Lever – Technical Director

David Lever, brings more than 20 years’ experience from the metals, mining, and industrial minerals sector. He has held a number of technical and commercial positions and has extensive experience in market analysis, project leadership, market development, and business process improvement. At RPA David has worked on a number of projects in the chemicals and REACH space, including regulatory management options analysis and restriction proposals.

Max La Vedrine – Principal Consultant

Max works on REACH applications for authorisation, conducts site visits, performs literature reviews, and develops clients’ analysis of alternatives, socio-economic analysis and chemical safety reports. Max has worked on several studies looking at the impact of EU chemical legislations.

David Fleet – Technical Director

David is an economist, with more than 15 years’ experience leading RPA’s work on impact assessment and evaluation work as well as SEA for REACH authorisations. David is fully familiar with EU’s Better Regulation guidelines and with relevant ECHA guidance.

Russell Norman – Senior Consultant

Russell has more than 25 years’ experience as an industrial chemist. Areas of expertise include surfactant-based cleaning, re-odourising and biocidal products, and REACH. The main focus of Russell’s work is identification and compilation of information for the purposes of applications for authorisation under REACH.

Marco Camboni – Director RPA Europe S.R.L

Marco is an environmental economist with more than 15 years’ experience in policy advising.

Daniel Vencovsky – Director RPA Europe Prague s.r.o.

Daniel has significant research and project management experience.



Contacts	
Website	www.scymaris.com
E-mail	hello@scymaris.com
Head office	Brixham Laboratories, Freshwater Quarry, Brixham, Devon, TQ5 8BA, UK
Tel	+44 (0)1803 659170
Directors	Stephen Tim Derrington
Ownership	Private limited company
Locations	Brixham, Devon, UK
Founded	2016

Overview

Scymaris is a specialist CRO providing high quality aquatic ecotoxicology, endocrine disruption, environmental fate and analytical chemistry services to the global agrochemical, human pharmaceutical, industrial chemicals, biocides, cosmetics and animal health industries.

- Our extensive state-of-the-art laboratory facilities are equipped with controlled temperature rooms, freshwater and seawater treatment and processing capabilities, controlled air-flow and conditioning, security and back-up systems to provide a comprehensive suite of world class capabilities in regulatory (GLP) and non-regulatory laboratory testing, including:
- ecotoxicology (freshwater and marine), acute and chronic exposure and bespoke study designs;
 - endocrine disruptor tests including FSTRA/FSDT/FFLC/FELs/AMA/LAGDA/ZEOGRT;
 - biodegradation and higher tier radiolabelled and cold Environmental Fate studies;
 - analytical chemistry services: product characterisation, Metabolite ID, complex chemical analysis (LC-MS/GC-MS), routine sample analysis, ILV's; and
 - regulatory laboratory testing compliant to GLP, OECD, OCSPP, ISO, OSPAR and licensed to work with radiochemicals (14C & 3H).

We are known for successfully and efficiently solving the challenges associated with the risk assessment and global registration of many different chemical types in the fields of agrochemicals, human pharmaceuticals, biocides, industrial chemicals and veterinary medicines. In addition to standardised regulatory testing, we also offer customised and bespoke study designs and will take the lead in proposing valuable testing strategies for often complex and challenging circumstances.

Our multidisciplinary team of scientists have many years of experience with different types of test compounds including complex substances. By design, our scientific teams are highly integrated across ecotoxicology, analytical chemistry and environmental fate/biodegradation enabling open and prompt communications and actions to ensure the timely completion of studies.

Vital statistics

2023/24

No of offices	1
Staff: group	77
Staff: chemical service provision	58

Service area breakdown



Global offices

UK and US.

Services provided

Ecotoxicology

- Aquatic, Freshwater and Marine
- Endocrine disruption

Analytical Chemistry

Environmental Fate

Biodegradation

Radiolabelling

Corporate developments and achievements

2023	The King's Award for Enterprise – International Trade
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Accreditations

- GLP Certification
- Radiological Permit C14 and 3H
- Home Office ASPA Licence

Clients

We support clients from around the world: Europe, North America, Asia and South America.

Testimonials

"Deep scientific knowledge, great communications and timely execution of studies."

Case study 1

Designing a bespoke multigeneration fish study to support the derivation of an Environmental Quality Standard (EQS)

After extensive discussions with the regulator, a client approached Scymaris to discuss possible study design options for a long-term multigeneration fish study using the Fathead Minnow. Previous studies had not fully addressed the regulators' requirements in respect of the Environmental Quality Standard (EQS) for the substance which member states will need to monitor and comply with.

Approach

After consultation with the client and an academic scientific advisory panel, a draft study design was submitted to the regulator for comments and

feedback. A final study design was agreed using a combination of relevant OECD test guidelines, utilising the OECD TG 210, OECD TG 234 and OECD TG 229. The study starts with embryos as the F0 generation, taking them through to breeding adults employing the OECD TG 229. The embryos collected from the OECD TG 229 are retained within the study to assess the effect of the test compound on the F1 generation. The design of the multigeneration study was well received by the regulatory authorities.

The planning of this study required several pre-tests to determine a suitable concentration range and pH level of the dilution water to represent European waters. We modified the OECD TG 236 for the Fathead Minnow to assess the effects of pH and toxicity of the substance on the embryos. This study type was employed to minimise animal numbers and employ the 3Rs principles.

Case study 2

Identification of unlabelled transformation products in environmental fate studies

The position of the radio-label for environmental fate studies should necessarily be in a stable location on the molecule. However, this location is not always the location of interest in terms of activity or toxicity. Metabolite identification is only triggered by radio-labelled transformation products, which could result in a misleading profile of non-toxic metabolites. In this project, a screening method for the identification of transformation products containing a specific active centre by accurate mass LC-MS/MS using in-source fragmentation was utilised.

Approach

A range of reference standards were analysed for common fragments that contained or indicated the presence of the target functional group. As the upper limit on the ratio between precursor m/z and the lowest trapped fragment ion is restricted for FTMS, in-source fragmentation rather than data dependent scanning had to be employed. The most useful fragment ions were found to have masses lower than the dynamic range of the trap.

Suggested structures were assigned to each fragment and likely candidates were chromatographically extracted in study samples with a mass accuracy of ± 10 mmu (limited by the processing software). Peaks in the extracted ion chromatograms were then reviewed to determine if mass conformed to the fragment ion with an accuracy of ± 5 ppm. Without the use of data dependant scans, parent ions are not immediately apparent. Modern processing software was also found unhelpful when reviewing data collected by in-source fragmentation. However, it was possible to determine parent ions by comparison with full scan data collected with no in-source fragmentation. Control samples, not typically prepared for radio-labelled environmental fate studies, were also vital to confirm the source of suspect peaks.

Outcome

Along with the identification of triggered (<10% of the applied radio activity) radio-labelled transformation products, it was possible to observe additional transformation products containing the targeted active centre. Although the data is qualitative it is considered helpful to determining the need for further quantitative determination.

Case study 3

Using a fluorescence spectroscopy method to determine the cell density of the cyanobacteria *Anabaena flos-aquae*

Anabaena flos-aquae is a species of filamentous cyanobacteria used in ecotoxicology testing. It forms long chains of cells, which makes some methods of cell density determination either extremely laborious (manual) or impractical (automated particle counting).

Approach

Literature showed that using a fluorescence spectrometer to measure cyanobacteria or algal cell density was a reliable and accurate method. The absorption of fluorescence by the fluorophore phycocyanin (a fluorescent blue pigment protein found in cyanobacteria and some algae) was found to be a suitable surrogate to more direct cell counting methods. Data was readily available on the excitation and emission wavelengths for phycocyanin,

which we used to run growth trials and a reference toxicant study, where a chemical with a known toxicity level is used to test the efficacy and effectiveness of a test method. The test was run for 72 hours with samples taken at each 24-hour interval for cell density determination.

It quickly became clear that the method worked well for the 48- and 72-hour sampling occasions. But due to the relatively low concentration of cells at the 24-hour time point, measured values were not always discernible from the background readings and were not within our planned calibration range. It was thought that the filamentous nature of *A. flos-aquae* contributed to this as it was difficult to obtain a homogenous sample. Disruption of the cell chains using an ultrasonic bath was undertaken, leading to shorter chains comprised of fewer cells, increasing the homogeneity of the samples.

Alongside this, we tested increasing the initial cell density of *A. flos-aquae* inoculated into each test vessel at the start of the test at several different levels to determine what was most effective and able to grow exponentially over the whole test period and achieve the highest cell density at the 24-hour time point. Having increased the homogeneity of our samples, we were also able to extend our calibration range to cover much lower cell densities.

Outcome

After some trial and error, we were able to successfully determine the cell density of test samples at the 24-, 48- and 72-hour sampling occasions and meet the validity criteria detailed in an internationally recognised test guideline (OECD 201, 2011) for several regulatory studies.

Staff selection

Edward Hayward – Director of Laboratory Operations.

Helen Garcia – Head of Ecotoxicology.

Emma Danby – Head of Environmental Fate.

Marina Santos – Head of Analytical Chemistry.

Simon Lock – Director of Quality & Regulatory Compliance.

Marijke Millenaar – Business Development.

Stephen Tim Derrington – Chief Executive Officer.

Contacts	
Website	www.siam-it.com
E-mail	sales@siam-it.com
Head office	Ortega y Gasset 17 bajo, 26007 Logroño, Spain
Tel/fax	+34 941 28 67 49
Ownership	Private company
Locations	Europe and North America
Founded	2007

Overview

SIAM was established in 2007 as an initiative by a group of professionals and entrepreneurs to address the chemical industry’s need to comply with legislation on hazardous chemicals, specifically regarding labelling and the creation of Safety Data Sheets (SDS).

Since its inception, SIAM has focused exclusively on GHS legislation, this work forms the core of our identity.

For us, innovation in technological development and personalised customer service are two fundamental values, and our software, Chemeter, has been developed based on that foundation.

Implementing intelligent calculation methods, and constantly updated thanks to our cross functional team of professionals (that includes chemists, IT developers and legislative consultants among others), Chemeter is the legislative tool of reference for chemical companies in all sectors: substances, raw materials, cleaning products, paints, varnishes, resins, textiles, dyes, rubber, foodstuffs, distribution, etc.

After 17 years in the business, we have more than 60 regulatory packages and clients on all five continents. Importantly, our collaboration with the main chemical industry associations allows us to participate in the regulatory evolution and legislative adaptation from which all our customers benefit.

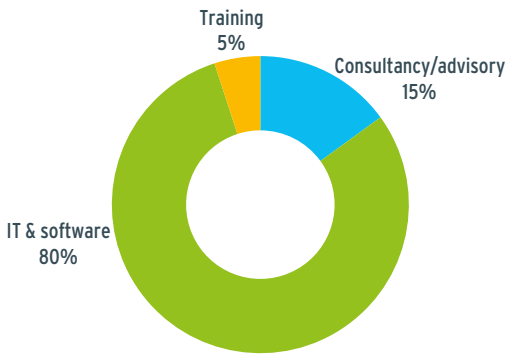
Consistent with this growth, SIAM USA LLC was founded in 2017 to better serve our clients throughout North, Central, and South America. In 2021, we acquired Laboratorios Almabe (Spain) to strengthen our positioning in the cosmetics and detergent sectors.

In line with our customer-centric policy, our next objective is to open a subsidiary in Southeast Asia. The goal is to provide our customers in this market with the best possible services both in terms of increasingly stringent regulatory requirements but also language and time zone demands.

Vital statistics

No of offices	2
No of countries represented	Global
Staff: group	40+
Staff: chemical service provision	60%

Service area breakdown



Global offices

Spain (Head office), US

Our network of specialised agents is also present in: France, Portugal, United Kingdom, Netherlands, Italy, Poland, Finland, Germany, Denmark, Ireland, Baltic States, Turkey, Balkans, Greece, Romania, India, Israel, Thailand, Mexico, Colombia, Brazil, Argentina and Chile.

Services provided

Siam develops software for the classification and management of safety data sheets (SDS) under CLP and GHS Regulations. We provide a highly versatile software platform for preparing multilingual SDS and chemical products labelling.

Our Chemeter software and SdSArea tool can help you save a significant amount of time, with features suited to the current and evolving safety regulations in more than 60 countries, continuous new features, development and professional assistance.

It’s a friendly, modular software which accommodates each company’s needs considering the country, sector and the aim of the company. It creates a wide variety of documents, such as SDS, e-SDS, labels, dangerous goods documents and sector specific paperwork.

We offer sound expertise on GHS and CLP. We provide a personalised service that ensures compliance with any legislation, as well as the correct performance throughout the lifecycle of chemicals. This includes their formulation, commercialisation, use and disposal.

In addition to helping to comply with current legislation, we facilitate access to knowledge in a safe and reliable way.

Our personalised attention and periodic ad-hoc trainings allow us to solve our customers’ doubts quickly and efficiently. **Service and support: before, during and after.**

EU Poison Centre Notification format

Automatically creates all PCN dossiers for harmonised notifications, just in a few minutes, taking the data needed automatically from Chemeter.

SDS authoring software

Compliant and multilingual SDS for more than 60 countries. With a solid substance database available and constantly under review.

Automatic classification

Introducing your final product formula, Chemeter will classify it, and calculate toxicological and ecotoxicological properties, workplace exposure limits, national inventories (TSCA, Proposition 65 in USA, etc.) and everything needed to issue your SDS, with the possibility of modifying this information if desired.

Label editor

Innovative tool for designing CLP and GHS labels.

Integration with your ERP

Automatic data import from external sources to avoid manual entry of products and formulas.

SDS efficient management and distribution

Automatic notification so that your customers are always up to date with their safety data sheets.

Updated software

New features are constantly being developed and legislative updates implemented.

Knowledge, safety and support

We offer all our expertise, reliable security and comprehensive support through the best technological solutions. We are committed to our customers, offering real-time problem solving solutions. Our customers can rely on our dedication to provide them with everything they need.

Further documents

Extended SDS (e-SDS), dangerous goods documents and sector-specific paperwork.

Corporate developments and achievements

2007	Company founded
2017	Founded Siam USA LLC with the objective to better serve the chemical industries throughout North, Central and South America.
2021	Acquired Laboratorios Almabe (Spain) to strengthen our position in the cosmetics and detergent sectors.

Clients

A wide variety of clients, from small-sized to global international companies, are using our software to make their safety data sheets and labels. Today we have a well-established international presence through our worldwide sales network.

Our clients are companies that manufacture and distribute all kinds of chemical products in many sectors, such as: cleaning, paints and coatings, rubber, detergents, adhesives and sealants, flavours, fragrances and water treatment.

Partners

Our network of partners consists of global associations, sector-specific associations and specialist regulatory advisors to assist our clients with their needs and to serve them in the language they require.

Case study 1

Major global oil and gas company

Due to the high number of products, and countries, in which they operate, our client wanted to outsource their work and be sure that their safety data sheets are always up to date, complying with the legislation of the country.

As a result, they placed their full trust in Siam for the elaboration of all their safety data sheets for the different regulatory, saving significant time, leaving it in the hands of a team of legislative experts who are up to date with all the changes in the regulations of the data sheets that they develop.

Case study 2

Cleaning company

A manufacturer of white label products, that markets its products in its own country and in neighboring jurisdictions.

With only 10 employees, they cannot have specialised staff with training in regulation and be up to date with all the legislative changes, considering unforeseen staff changes and the time to train new employees.

Due to the ease of use of Chemeter for generating safety data sheets and performing automatic calculations, a lot of time is saved, and they can train new staff in the use of the software much faster than training them on specific legislations.

SdSarea allows them to manage and send their data sheets automatically and on time to all their customers, reducing workload and saving valuable time for employees.

Case study 3

A company in the paint and coatings sector with exports to more than 30 countries.

This client relies on Chemeter to produce its safety data sheets in a short time, for all the countries it sells to and with its regulations updated with the latest legislative changes, as well as being able to produce the PCN notifications in a few clicks.

This client is an international company, but its case can be extrapolated to medium and small companies thanks to the fact that the software is modular and adapts to the needs of any client.

Contacts	
Website	www.sourceintelligence.com
E-mail	Max.seandel@sourceintel.com
Head office	4660 La Jolla Village Drive, Suite 100, San Diego, CA 92122
Tel/fax	+1 877-916-6337
Contact	Max Seandel
Ownership	Private company
Locations	San Diego, CA (Headquarters), The Netherlands, United Kingdom, Germany.
Founded	2009

Overview

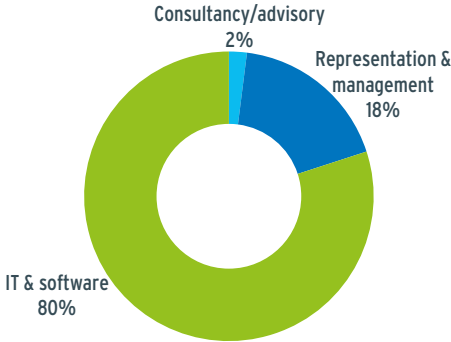
Source Intelligence delivers the most comprehensive supply chain compliance solution available – covering product regulations, extended producer responsibility (EPR), and component obsolescence in a single, integrated platform. Our cloud-based software collects, validates, and analyses supplier data to help companies confidently navigate complex global regulations like RoHS, REACH, SCIP, TSCA, and EPR laws. Built for mid-market to enterprise organisations, it offers end-to-end visibility, full material declaration (FMD) processing, and seamless integration with ERP and PLM systems.

Whether self-managed or fully supported through our expert services, the platform empowers businesses to reduce risk, anticipate challenges, and make informed decisions. Source Intelligence helps future-proof compliance programmes while supporting sustainable, transparent supply chains – making it the trusted choice for companies worldwide.

Vital statistics

No of offices	4
No of countries represented	24
Staff: group	216

Service area breakdown



Services provided

Compliance and sustainability SaaS software

Source Intelligence offers an end-to-end supply chain compliance platform designed to help companies seamlessly manage regulatory and ethical obligations across their entire product lifecycle. From ensuring compliance with global product regulations to proactively managing parts obsolescence and Extended Producer Responsibility (EPR), the platform empowers businesses to maintain compliance, drive transparency, and mitigate risk – all within a single, integrated system.

Product compliance

Source Intelligence helps manufacturers and suppliers comply with an evolving landscape of product-based regulations such as:

- REACH
- RoHS
- TSCA
- SCIP
- California Prop 65
- PFAS-related obligations

The platform automates data collection, validation, and reporting processes, ensuring that compliance requirements are continuously met. Source Intelligence supports full material disclosure (FMD) collection and processing, providing customers deep visibility into product composition and enabling automated compliance assessments for current and future regulatory updates.

Responsible sourcing

As expectations for corporate social responsibility grow, Source Intelligence provides powerful tools to ensure responsible sourcing across supply chains.

This includes compliance with:

- minerals due diligence (CMRT, EMRT, AMRT); and
- forced labour regulations (eg, Uyghur Forced Labor Prevention Act).

The software facilitates supplier engagement, collects and verifies supplier responses, and produces auditable reports to support transparency, due diligence, and regulatory reporting. Integrated risk assessment tools allow companies to evaluate supplier behaviour and address concerns proactively.

Parts obsolescence

Staying ahead of parts obsolescence is critical to maintaining production schedules and avoiding supply chain disruption. Source Intelligence enables companies to:

- proactively identify and manage end-of-life (EOL) and last-time buy (LTB) notices;
- access alerts and lifecycle data to inform procurement and engineering decisions; and
- integrate obsolescence planning into product development and sourcing workflows.

This helps organisations reduce operational risk and plan strategically for parts replacement or redesign.

Extended producer responsibility (EPR)

Managing EPR obligations across jurisdictions is increasingly complex. Source Intelligence simplifies EPR compliance by:

- tracking regional requirements and product-level reporting thresholds;
- collating and validating necessary product and packaging data; and
- generating accurate, jurisdiction-specific reports for submission.

Whether dealing with packaging waste, batteries, electronics, or textiles, the platform ensures global coverage and centralised control of EPR programmes.

Seamless integration

Source Intelligence stands out with robust integration capabilities. The platform connects with leading ERP, PLM, and PIM systems (such as SAP, Oracle, and PTC Windchill), allowing data to flow efficiently and securely across the organisation. This reduces manual work, improves data consistency, and accelerates time to compliance.

Managed services

Source Intelligence’s managed services offering removes the operational burden of supply chain compliance by providing expert-led support across your programmes. Acting as an extension of your team, we manage supplier engagement, data collection, validation, and reporting – so you can stay focused on strategic initiatives with full confidence in compliance outcomes.

Whether you’re short on internal bandwidth, navigating complex regulations, or scaling operations, our team ensures your programs are executed accurately and on time.

Services include:

- supplier engagement: proven outreach methods, multilingual support, and regional expertise maximise response rates and ensure high-quality data;

- data validation: incoming data is reviewed for completeness and accuracy, reducing risk and internal rework; and
- programme management: we manage deadlines, monitor progress, and provide real-time dashboards and audit-ready documentation via the Source Intelligence platform.

Corporate developments and achievements

2021	Source Intelligence acquires Total Parts Plus, bringing a robust parts and components database to our portfolio Source Intelligence partners with ParkerGale Capital
2022	Source Intelligence acquires Compliance Map, enabling robust product compliance management capabilities Source Intelligence acquires QTEC, delivering component obsolescence capabilities
2023	Source Intelligence acquires ChainPoint, introducing traceability to overall solution offering
2024	Source Intelligence delivers next generation C-Map SaaS platform for compliance and sustainability

Accreditations

SOC 2 Type 2: An independent validation of Source Intelligence’s commitment to security, availability, processing integrity, confidentiality, and privacy.

ISO 27001: Rigorous international standards ensuring the confidentiality, integrity, and availability of the C-Map platform delivering SaaS and on-prem web-based solutions.

Partners

PTC: A global technology company that develops software solutions to help manufacturers design, manufacture, operate, and service products more efficiently

Clients

Source Intelligence serves a diverse client base spanning a wide range of industries and companies from mid-sized enterprises to large multinational corporations, including Fortune 500 companies. Our customers primarily operate in sectors with complex and highly regulated supply chains, such as: electronics and technology; aerospace and defence; retail and consumer goods;industrial manufacturing; medical device manufacturing; and standards and sector initiatives.

Case study 1

Streamlining chemical compliance for a global industrial safety manufacturer

A global manufacturer of flame safeguard and combustion control systems faced growing pressure from OEM customers to provide detailed chemical compliance data. Internally, they lacked regulatory expertise and had no centralised system to view or analyse material information. Requests were piling up, and their team had no efficient way to manage or reuse existing data.

To address these challenges, the company partnered with Source Intelligence and implemented programmes for PFAS, REACH, RoHS, Proposition 65, Conflict Minerals, and TSCA. Source Intelligence provided automated workflows for supplier outreach, centralised data consolidation, and access to regulatory experts who guided the company through complex requirements. This enabled them to quickly identify substances in their products and confidently respond to customer inquiries.

By streamlining data collection and compliance reporting, the company reduced internal strain, improved responsiveness, and met regulatory and customer demands – without hiring in-house specialists or building custom tools from scratch.

Case study 2

Modernising compliance operations for a global industrial technology leader

A global manufacturer of connectivity and sensor solutions, serving industries from automotive to aerospace, was burdened by outdated, siloed systems. Their legacy tools were slow, unreliable, and unscalable – leading to manual work and limited visibility into compliance data.

To modernise, the company partnered with Source Intelligence and implemented programmes for RoHS, REACH, conflict minerals, and SCIP. They needed a scalable, tech-forward solution that could manage complex, high-volume data, integrate with internal systems, and support a broad range of regulatory requirements. Source Intelligence delivered real-time data connections, seamless integrations, and automated workflows that eliminated manual processes. The platform also enabled effortless creation of full material declarations (FMDs) and streamlined global compliance.

By replacing fragmented tools with a centralised, connected solution, the company reduced internal strain, increased efficiency, and future-proofed its compliance operations – without having to overhaul existing systems.

Case study 3

Centralising compliance data for a global technology innovator

A global technology leader faced challenges with fragmented compliance processes and no centralised system for managing full material declaration (FMD) data. Teams struggled to access and use chemical-level data efficiently across product lines.

To solve this, the company partnered with Source Intelligence and implemented its Product Compliance Program Management solution. Key needs included a centralised FMD database, integration with Oracle PLM, and the ability to track custom attributes for future initiatives like digital product passports. Source Intelligence enabled real-time connections with PLM and ERP systems, consolidated existing FMD data, and replaced multiple tools and vendors. This streamlined workflows and improved visibility.

With a unified, scalable system, the company reduced operational complexity, enhanced data integrity, and became better equipped to meet evolving regulations – while laying the foundation for greater digital product transparency.

Staff selection

Glenn Trout – CEO

Glenn Trout is a seasoned executive with a history of leading high-growth technology companies focused on compliance and risk management. He is dedicated to empowering organisations with smarter tools to navigate regulatory complexity and build more responsible supply chains.

Travis Miller – Chief Strategy Officer & General Counsel

Travis Miller is a legal and regulatory expert with deep experience in global compliance strategy and risk mitigation. He is passionate about helping businesses stay ahead of evolving regulations through innovative, forward-looking solutions.

Mike Flynn – Chief Product Officer

Mike Flynn brings decades of experience in product development and strategic innovation, with a strong track record of building solutions that solve complex regulatory and supply chain challenges. He is passionate about transforming customer needs into intuitive, high-impact technology that drives real-world results.

Jennifer Kraus – Chief Scientific Officer

Jennifer Kraus is a recognised expert in environmental science and regulatory compliance, with over two decades of experience guiding organisations through complex global requirements. She is committed to advancing science-driven solutions that promote transparency and sustainability across the supply chain.

Contacts	
Website	www.staphyt.com
E-mail	contact@staphyt.com
Head office	Regulatory Affairs head office: Le Rodin – 26 Rue Louis Blanc, Lyon 69006, France GLP Laboratory: 12 Avenue des Langories, Plateau de Lautagne, Valence 26000, France Staphyt head office: 23 rue de Moeuvres, Inchy en Artois 62860, France
Tel/fax	+33 (0)3 21 21 45 21
Contact	Regulatory Affairs Manager: Romain Galy (rgaly@staphyt.com). GLP Laboratory Manager: Aymeric Bellemain (abellemain@staphyt.com)
Directors	Head of Business Development: Aurély Beghin
Ownership	Staphyt Group
Locations	Europe (12 countries) UK, Morocco and Brazil

Overview

Staphyt Regulatory Affairs Division provides comprehensive technical expertise, multiple language skills and in-depth regulatory knowledge on plant protection products, fertilisers, biostimulants, biocides and REACH, throughout Europe, UK, Morocco, Brazil and in many other countries.

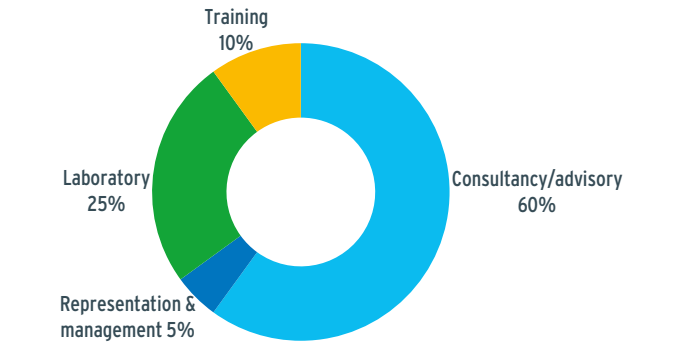
Our regulatory consultants help our clients to meet all aspects of their chemical and biological regulatory obligations, to achieve authorisation for the production, marketing and sales of their new or existing substances or products in their target countries. We will also keep you informed of changes in the regulatory landscape as they emerge.

Staphyt GLP laboratory generates all the data for ecotoxicology, environmental fate, physical-chemistry, residue, analytical support. We help you to screen, test and evaluate your substances and products. The Staphyt laboratory works in accordance with OECD guidelines and in compliance with ISO and OPPTS standards and national and international regulations. Tests may be performed under Good Laboratory Practice or for R&D purposes.

Vital statistics

Turnover: group	€45.5m
No of offices	Europe, UK, Morocco and Brazil: 15 regulatory offices France: 1 ecotox/efate/analytical laboratory
No of countries represented	>40
Staff: group	>600
Staff: chemical service provision	>150

Service area breakdown



Services provided

Sectors covered: plant protection products, fertilisers, biostimulants, biocides, chemical substances (REACH & CLP), detergents, cosmetics, medicinal products.

Regulatory affairs services

- Regulatory advice and strategy
- Data gap analysis
- Technical equivalence
- Field and laboratory study monitoring (GLP and/or GEP)
- Dossier preparation for active substances and products
- Literature search
- Task force/consortium management
- Risk assessments for operators, workers and bystanders, birds and mammals, other terrestrial and aquatic organisms, consumers, environment
- Modelling
- CLP classification, SDS and labelling
- Poison control centre notifications (PCN)
- Expert statements and Efsa compliant literature searches
- Regulatory support Europe-wide, Brazil, Australia and many more
- Technical and regulatory training
- Update service Regulatory Watch (newsletter by subscription)
- UK-REACH and GB-CLP support
- Only Representative support (EU or UK)

GLP Laboratory services

- Ecotoxicology (terrestrial and aquatic, endocrine disruptors assessments, bee studies)
- Environmental fate
- Physical chemistry (substance properties and characterisation, storage stability)
- Analytical support (Residue analysis, Active Substance monitoring, Degradation products, Biomarker screening)

Corporate developments and achievements

1989	Creation of Staphyt
2015	Acquisition of Ambrosi Scientific Consulting France
2017	Set up of Regulatory Affairs services in all of Europe
2018	Acquisition of TB Agrartechnik Austria Acquisition of APC UK
2020	Set up Regulatory Affairs services in Brazil Acquisition of Rovaltain Research Laboratory in France
2022	Acquisition of Plurie and Leisor, Regulatory consultant companies in Brazil
2024	Setting up Regulatory Affairs services in Morocco

Partners

We work with a network of third parties (laboratories and local external consultants) worldwide, providing a comprehensive offering of regulatory and scientific expertise at both the national and European level. This network supports us by extending our language skills and by having consultants who have formed close relationships with regulatory authorities in their own areas.

Clients

From SMEs to multinationals, our clients are chemical and biological product manufacturers, formulators, importers or distributors. We work with many well-known larger clients, well established small to medium-sized companies, and with startups. They specialise in one or more of the following types of business: biocides, industrial chemicals, plant protection products, adjuvants, fertilisers and biostimulants.

Accreditations

GLP, GEP, Research Tax Credit accreditation and training.

Testimonials

Client 1

“For us working with Staphyt is effortless. As well as open and collaborative communication, their expertise takes the burden of requiring specialists in each area off our shoulders. Working together provides us with space to focus where our internal value lies, confident our partners Staphyt are fully managing technical aspects to meet our particular needs”.

Client 2

“Working with Staphyt for several years has shown us that we can count on them for project development. Communication is simple and proactive, being able to have specialists with high competence and knowledge, and with a very high commitment to achieve the set objective.”

Client 3

“The assistance we received from the ecotoxicology experts on the ED studies for our active substance was great. We received quick and reliable feedback on the study progress and the options to continue, so we could weigh these off and choose the best solution to proceed with the study.”

Client 4

“Over the past four years the service from Staphyt has been excellent. Once again, many thanks for all your efforts regarding the deadline. The quality of the dossier was highly appreciated. It is a pleasure to work with you.”

Case study 1

Biocides sector

Thanks to its extensive experience in the preparation of dossiers for active substances, products and product families under most PTs, the Staphyt team managed and submitted in parallel nine single product dossiers and three product family dossiers for the same deadline. We prepared all dossier sections including all risk assessments. Tailored strategies for human risk assessment were proposed to our clients. Specific refinements were developed, including dermal absorption studies monitored by our toxicologists. We successfully obtained the biocidal product Regulation authorisation for all products in many EU countries.

Prior to this regulatory deadline, our team was in charge of transitional registrations of these products across Europe. More specifically, new products were registered according to national regulations in countries such as the Czech Republic, Greece, Latvia, Romania, Slovakia, Slovenia, Switzerland, Poland, Denmark, Lithuania and Belgium. In the framework of the renewal of some authorisation dossiers, we are currently dealing with the update on biocidal product family regulation, taking into account the change of our clients’ products.

Case study 2

Chemicals – REACH

Our experts have prepared many lead registration dossiers under REACH, including UVCB registrations. Our experts worked closely with ECHA to confirm substance identity, prior to submitting a successful inquiry dossier. To upgrade the inquiry dossier to a new substance lead registration, our technical specialists completed a detailed data gap analysis to identify end-points where additional data would be required. Following completion of a targeted literature search, the project manager provided the client with a strategy for addressing remaining data gaps, which included commissioning new testing, alongside securing access to read across ‘source’ substance data.

The PM managed the laboratory appointed to conduct the new testing, drawing in technical specialist support where necessary. Through the One-Stop-Shop offer (Laboratory + Regulatory), an optimised timeline has been proposed for all the phys-chem and ecotoxicological studies, with specific prices and services.

In parallel, the PM negotiated read across letters of access for the additional source substance studies. The IUCLID dataset, accompanying read across justification (in accordance with ECHA’s Read-across assessment framework – RAAF) and CSR, including exposure assessment, was then prepared by specialists across a range of disciplines, including toxicologists, ecotoxicologists, environmental fate and physchem specialists, as well as human health/environment risk assessors. Timely dossier preparation enabled the client to place the substance on the EU market quickly, submitted as an ‘only representative’ registration.

Case study 3

Plant protection sector

One of our clients wanted to data match against protected active substance data held by another company. The substance was to be used in insecticide products and there were many complex metabolites and some very challenging environmental issues. We assisted our client in negotiations to secure access to protected vertebrate studies with the primary data holder. We also provided a robust justification waiver of the date requirements negotiated on other areas with the EU RMS. We were able to save our client more than €1m as they no longer needed to generate all of the data themselves. Our client was therefore able to maintain all their existing national registrations at a cost significantly below what was initially expected.

Case study 4

Plant protection sector

A draft Registration Report was prepared for the renewal of authorisation of a product in different member states across the EU.

The product was used on a wide range of crops, which involved a complex environmental risk assessment. As a first step, our environmental and efficacy experts reviewed the application dates and timings (BBCH stages) across the different crops to identify the critical risks. The efficacy and residue trials programme was subsequently tailored to support the revised rates and timings, in order to gain the maximum number of crops for renewal of the authorisations. In the environmental fate and ecotoxicity sections, problems were identified in surface water and groundwater, including the relevance of metabolites in groundwater.

Strategies used for solving the problems included the performance of new environmental fate studies, correcting the application parameters according to the application type for specific crops, and higher tier modeling. These solutions were successful and the product was approved by the zonal Rapporteur member state.

Staff selection

Our teams of highly qualified scientists and regulatory consultants, have extensive skills, from backgrounds in: regulatory authorities, industry, professional organisations, testing facilities, and consultancies.

Aurély Béghin – Head of Business Development

With more than 20 years’ experience in the chemicals business, Aurély has held several senior leadership positions in regulatory and scientific teams’ and business’management. These roles involved supporting clients in their strategic projects, managing business change and building team expertise.

Aymeric Bellemain – GLP Laboratory Manager

With more than 24 years’ experience in contract research organisations, Aymeric has held several positions as study director in ecotoxicology, e-fate and analytical chemistry.

Garth Drury – Principal Consultant

With more than 30 years’ experience in the agrochemical business, Garth previously held senior positions at Bayer, Rotam and Arysta, plus he was President of the European Crop Care Association. Garth’s considerable experience further strengthens the existing Staphyt team and he is available to assist with high-level strategic advice and support.



Know the rules, play your market

Contacts	
Website	www.team-mastery.eu
E-mail	info@team-mastery.eu
Head office	Via G. Ferrari 14/B, 22100 Como, Italy
Tel	+39 031 269513
Contact	info@team-mastery.eu
Directors	Monica Locatelli
Ownership	Private company
Locations	Italy
Founded	2008

Overview

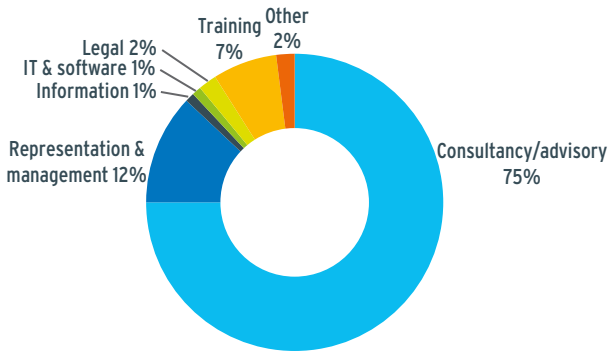
TEAM mastery is a premier service provider in chemical regulatory affairs, covering REACH, plant protection products (PPP), Biocidal Products Regulation (BPR), medical devices (MD), and more. Our expert staff specialises in chemistry, toxicology, and environmental risk assessment, committed to aiding clients throughout the supply chain. We leverage our industrial experience to enable cost-effective compliance with European and global chemical regulations. Our strategy integrates advanced, innovative solutions with scientific and regulatory insights, optimising benefits for the industry and end-users.

Vital statistics

2023/24

Turnover: group	€2.4m
Turnover: chemical service provision	€2.4m
No of offices	1
No of countries represented	1
Staff: group	30
Staff: chemical service provision	30

Service area breakdown



Services provided

REACH services: REACH registration dossier

TEAM mastery has substantial expertise in creating REACH registration dossiers, handling updates like tonnage band adjustments, responses to specific ECHA inquiries, and other regulatory updates. We specialise in ensuring dossiers meet ECHA's latest compliance requirements, with a strong focus on assessments for ED, PBT, vPvB, PMT, vPvM.

Read-across justification

TEAM mastery excels in providing read-across justifications to meet regulatory standards, successfully submitting numerous dossiers that leverage read-across to obviate the need for demanding *in vivo* tests. This process is enhanced by our use of QSAR modelling and *in vitro* testing.

Testing and *in vitro* strategy development, QSAR modelling

An integrated strategy is essential for cost optimisation and waiver justification. Our recognised expertise in QSAR modelling, combined with a robust *in vitro* strategy, plays a crucial role in discussions with national authorities and scientific working groups, ensuring scientifically sound and regulatory-compliant solutions.

REACH restrictions: microplastics and PFAS

The list of restricted substances in REACH is getting longer. TEAM mastery can support companies to comply with all the requirements in due time.

Test monitoring

If new tests are necessary, TEAM Mastery will manage the selection of the most suitable laboratory, review the protocol, conduct lab audits, and verify results.

Risk assessment

TEAM mastery specialises in preparing Chemical Safety Reports (CSRs), including the addition of new uses or crafting downstream user-specific CSRs. We conduct exposure modelling using recognised tools such as EUSES, ECETOC TRA, EASY TRA, ART, CONS EXPO, and RISKofDERM.

Endocrine disruptors (ED) assessment

CLP has now introduced the new classification criteria for EDs, with the request to update all substances in 2025. Moreover, both the PPP regulation and BPR ask that active substances and co-formulants must have no ED properties. TEAM mastery is supporting companies with all these new challenges.

PPP services

Full dossier preparation for active substance and products. TEAM mastery offers comprehensive expertise to cover all aspects of a Plant Protection dossier, ensuring successful submissions across European zones. Our PPP team includes dedicated specialists, featuring leading European experts in Environmental Fate Modelling.

- Testing strategy development
- Study monitoring
- Risk assessment
- IUCLID compilation
- Finalisation and discussion with national and EU authorities
- Post-submission support

Fertilisers

TEAM mastery can support companies in getting the CE label on fertilisers and provide instruction on how to apply fertilisers in biological agriculture.

CLP/GHS services

Data collection and assessment of classification and labelling. SDS/eSDS compilation. UFI and PCN submissions. SCIP notification for articles. Exposure scenarios scaling and translation. CLH dossier. Supply chain communication.

Biocidal Products Regulation (BPR), services

Full dossier preparation for active substance and products. Technical equivalence. Testing strategy development. Management of biocidal product family (BPF) and of BPF *in situ* generated active substances. Study monitoring. Risk assessment. Endocrine disruptor properties evaluation. Evaluation of co-formulants endocrine disruptor properties. Finalisation and discussion with national and EU authorities. Post-submission support. Compliance procedures post Brexit.

Services for the pharma sector

Medical devices. Human health and environmental risk assessment (ERA). Determination of the permitted daily exposure (PDE). Assessment of mutagenic impurities.

Cleaning validation in the food industry

Analysis of the correct use of detergents and disinfectant, with additional risk assessment of residues in the final products.

World services

UK, Turkey, Korea, Eurasia, China, Japan, US, Canada and Brasil.

Corporate developments and achievements

2008	Foundation of REACH mastery
2010	About 120 successful registrations for the first REACH deadline
2012	Implementation of the BPR business unit
2014	Preparation and submission of the first application for REACH authorisation
2015	Implementation of the group to comply with the needs of the BPR and pharma industry. Presentation of the first accepted CLH dossier and of the first family dossiers for biocidal products to the Italian member state
2016	Implementation of the group to comply with the needs of the plant protection products Regulation. Presentation of two dossiers after Article 95 disputes on biocides and two authorisation dossiers
2018	Oversight of technical management and implementing dossiers for Italy's largest taskforce for the national authorisation of sodium hypochlorite New company name as TEAM mastery
2021	The new business unit “WORLD mastery” is born for non-EU requirements and “AGRO mastery” for fertilizers
2022	New Quaternary Salts task force for Biocidal Product national authorisation
2023	11 REACH applications for authorisation, 3 active substances dossiers The new business unit “TEAM academy” is born
2024	Dedicated expert group on endocrine disruptors

Partners

Kahlberg Consulting S.r.l., Centro REACH S.r.l., network with local industry associations and consultants for health and safety requirements at work sites. Research projects in collaboration with many universities. Collaboration with Centre of Alternatives to Animal Testing (CAAT) Europe.

Clients

We work with some 500 customers around Europe; they are manufacturers, distributors, downstream users, from SMEs to international chemical companies involved in industry sectors including fertilisers, leather, textile, paper, pharmaceuticals, galvanic, food, cosmetic, polymers and many others.

Case study 1

REACH compliance check

The group is highly regarded in Europe for managing all aspects of REACH dossiers. TEAM mastery has prepared numerous lead dossiers, complete with monitored study plans. We specialize in UVCBs and complex substances, adapting many dossiers to meet ECHA's increasing compliance checks, thereby enhancing exposure scenarios, read-across justifications, and dossier quality.

Case study 2

Cleaning validation in the food industry

Analysis of all chemical products entering into a food manufacturing site, including compliance of the information material, evaluation of the correct use of the products and assessment of the risks posed by residues in the final products.

Case study 3

Quaternary salts biocides consortium

TEAM mastery is working with Centro REACH for the organisation of the biggest Italian Task Force for the National Authorisation of Biocidal Products based on quaternary salts. Several families have already been established.

Case study 4

Microplastics

TEAM mastery aids in controlling microplastics in products, identifying possibilities of exemptions or supporting companies in compliance with the deadlines inserted in the REACH restriction.

Case study 5

New Approach Methodologies (NAMs)

The increasing interest in New Approach Methodologies (NAMs) for chemical toxicological assessment is fuelled by EU Cosmetic Regulation compliance, ethical considerations, and the limitations of traditional animal testing. TEAM Mastery collaborates with universities and CROs to offer advanced NAM strategies, encompassing protocol development, result interpretation, and dossier preparation.

Staff selection

Dr Monica Locatelli – ERT, Founder and Director

After a degree in chemistry, ten years in R&D and a specialisation in toxicology applied to risk assessment, Monica has been working in regulatory and implementation of REACH regulation since 2001. The cooperation with many specialists within international companies and universities allowed her to specialise in consortia management and dossier preparation. She founded TEAM mastery in 2008 and since then she managed to grow the company which is now leader in the chemical regulatory area at international level.

Dr Costanza Rovida – ERT, Senior Regulatory Toxicologist

Graduated in chemistry, after 15 years’ experience in analytical chemistry, she is now responsible for the management of global customer assistance. She is part of the CAAT-Europe team with participation in the integrated EU project RiskHunt3R, focused on NAMs.

Dr Chiara Marelli – REACH Project Manager

PhD in Organic Chemistry, about 10 years’ experience in pharmaceutical R&D, Chiara is now responsible of the REACH division of TEAM mastery and reference person for the authorisation dossiers.

Dr Elena Borsini – Product Safety Project Manager

PhD in Organic Chemistry, Elena is responsible for global customer assistance in their daily needs as downstream users.

Dr Arianna Fazio – Biocides Project Manager

After graduation in environmental sciences, Arianna is now a Regulatory Affairs Specialist, head of the Biocides division of TEAM mastery.

Dr Valerio Di Mare – Plant Protection Products Project Manager

Specialised in chemical risk assessment and management, following several years’ experience in regulatory affairs for Plant Protection Products (PPP), Valerio is now head of the PPP division of TEAM mastery.



Contacts	
Website	www.toxicon.it
E-mail	info@toxicon.it
Head office	Via Robolini 1, 27100 Pavia, Italy
Tel	+39 0382 1938015
Contact	Raffaella Butera, MD
Directors	Raffaella Butera, MD
Ownership	Private company
Locations	Italy
Founded	2010

Overview

Toxicon provides a wide range of consultancy and regulatory services in the areas of toxicology, pharmacology, occupational medicine, products regulatory compliance and consumer safety for companies, institutions and for the general public. Toxicon offers clients its know-how based on solid academic training in risk assessment and a deep understanding of clients’ needs. Toxicon provides consulting services to both large companies and SMEs; approximately 40% of these activities are performed for international customers. Moreover, Toxicon works in partnership with institutions, industries and associations on R&D and compliance projects.

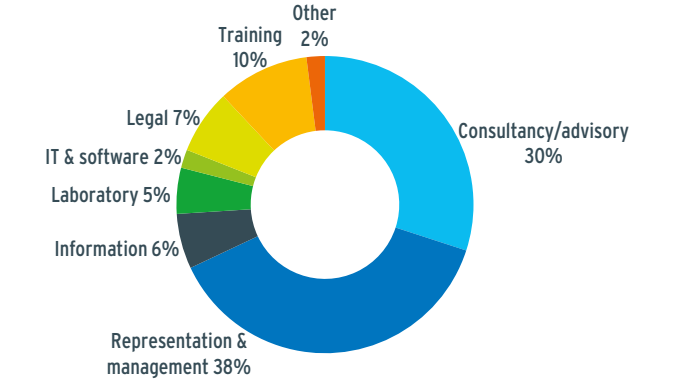
The team of specialists consists of toxicologists, pharmacologists, physicians, biologists, chemists, economists and lawyers: the core belief in Toxicon is that complex problems can be successfully and qualitatively solved through teamwork.

Vital statistics

2023/24

No of offices	3
No of countries represented	1
Staff: group	13
Staff: chemical service provision	8

Service area breakdown



Services provided

We have always been active in the area of toxicology and risk assessment; therefore, we have the expertise to enable enterprises to handle chemicals properly and safely. We want to make our in-depth professional knowledge available to companies and stakeholders. We have personally experienced the evolution that led to the current regulations, we know the keys to interpreting them correctly and applying them appropriately.

We bring to companies our unique expertise that no other consultancy firm can offer: before we were at Toxicon, we managed tens of thousands of cases of

poisoning and accidental ingestions, adverse drug effects, occupational diseases due to workplace exposure, spills, chemical accidents and maxi-emergencies.

Therefore, when the ultimate aim of regulations is the protection of human health and the environment, we know what we are talking about. We know this concretely and we put this concreteness into all the activities and assessments we carry out for companies.

Overall services

- Support for companies and guidance on regulatory interpretation
- Strategies and project management for regulatory compliance
- Support for dialogue with the authorities

Toxicological risk assessment

- Expert advice and consultancy
- Human and environmental toxicological risk assessment reports for chemicals, products, consumer exposure, workplace exposure and plant emissions

REACH

- Consortia management and data sharing agreements
- Data gap analysis and testing strategy for substances and groups of substances
- REACH registration dossiers (all types of dossiers, eg lead or member registrant, substances, intermediate, PPORD)
- Chemical Safety Assessment and Chemical Safety Report (CSR)
- Full support during substance and dossier ECHA evaluation
- REACH authorisations dossiers including SEA
- REACH restrictions compliance
- SCIP database notifications

Safety Data Sheets (SDS) and Exposure Scenarios (ES)

- Management of SDS flow in the company organisation, development of checklists and procedures
- Elaboration of SDS and e-SDS, ES for mixtures
- Compliance check with ES, scaling, CSR-DU development
- Check of existing SDSs to improve document quality

CLP and GHS

- Hazard assessment of substances and mixtures, classification and labelling
- Notification to ECHA C&L Inventory and to PCNP for emergency health response on mixtures
- Labelling of products

Biocidal products

- Transitional measures to BPR (ie assessment and management of national requirements)
- Preliminary assessment of formulae to check substances of concern and ED assessment of co-formulants
- Product preliminary risk assessment report, including risk assessment for human health, animals and environment
- Data sharing agreements for authorisation
- Support for dossiers of active substances
- Biocidal products authorisation at national and EU level, including support in testing (phys-chem, efficacy, methods), risk assessment report, IUCLID dossier and Summary of Product Characteristics
- Support for dialogue with the authorities during dossier evaluation

Cosmetics

- Preliminary assessment of formulae and advice on testing
- Safety assessment, product information file (PIF), labelling
- CPNP notification

Food contact materials

- Advice for materials and products testing
- Assessment of risks due to constituents transferred to food
- Declarations of compliance

RoHS

- Compliance assessment along the supply chain
- Advice for materials and products testing

Toy safety

- Compliance with essential and particular safety requirements with special reference to chemical properties
- Advice for product testing and risk assessment of relevant chemical constituents

Medicines

- Common Technical Document (CTD) for non-clinical and clinical modules
- Genotoxic impurities assessment
- PDE assessment, environmental risk assessment (ERA)
- Provisional OELs and OEBs for APIs and other chemicals

Medical devices

- Chemical and biological characterisation, biological evaluation
- Extractables and leachables assessment

Occupational medicine

- Risk assessment and management (CAD, CMRD)
- Provisional OELs for unregulated chemicals

Legal advice

- Intellectual property, data sharing and protection of confidential business information
- Contract management and contract editing
- Support for dialogue with clients and suppliers
- Counselling and support to companies in case of enforcement

Education

- Training and education for companies, universities and institutions

Corporate developments and achievements

2010	Established as a private limited company, both senior and junior professionals converge in Toxicon to provide companies with toxicological risk assessments and services for REACH and CLP
2011	In partnership with a prestigious law firm, Toxicon sets up the Legal Business Unit
2013	Toxicon services extend to cosmetics and food contact materials
2015	The Biocides Business Unit is fully operational
2018	Toxicon activities in product safety, medical devices, healthcare and pharma areas are further enhanced
2020	During the most acute phase of the COVID-19 pandemic Toxicon – in addition to its regular activities – serves the numerous requests coming from manufacturers and users of disinfectants. Toxicon schedules daily educational webinars on toxicological and regulatory issues that become a regular meeting time for clients and partners to stay in touch even during the lockdown period

Case study 1

United we stand: When the creation of a Consortium strengthens companies' compliance with chemicals regulations

Toxicon catalysed the aggregation of more than 40 manufacturers and importers of similar substances, channeling the commitment of players in a complex supply chain unfamiliar with the REACH Regulation. The identification of solid scientific criteria to support the appropriateness of including these substances in a single category has allowed a testing and evaluation strategy (shared with ECHA) with an economic advantage for all consortium members at equal data value.

The close cooperation between the companies in the climate of technical trust that was created made it possible to successfully address and resolve each potential issue with the full knowledge of the companies. Particularly noteworthy is the involvement in the activity of many SMEs whose awareness of the importance of the European chemicals strategy for safe management is growing day by day.

Case study 2

Successful legal litigation with the support of Toxicon expertise

The presence of an undesirable substance in a raw material used for a medical device could have created a severe problem for the manufacturing company. Toxicon performed a targeted and thoughtful assessment, identifying the allowable exposure level according to scientific literature and substance behavior in animals and humans, and by comparing such level with the amount detected in the medical device.

This made it possible to resolve the issue, reconciling the requirements of the regulations, the safety for the end consumer, the benefits to his health and, last but not least, the company's business on this product. We were glad to support the company in this situation, because we had the opportunity to give appropriate consideration to the needs of all stakeholders in the full respect of business, regulations, science and health.

Staff selection

Raffaella Butera

Founder and Director of Toxicon, physician, she offers to clients more than 30 years’ experience in medical toxicology and regulatory affairs. “In Toxicon we provide companies with a unique point of view in the application of chemicals regulations: that of someone who – concretely – knows what it means to protect human health.”

Arianna Brunoro

Senior Consultant, biologist, she offers to clients highly qualified toxicological and regulatory consultancy. “Compliance with regulations is a crucial aspect in ensuring and improving the high quality of the environment and the human life, a fundamental key to a healthy future generation.”

Fabio Lunghi

Senior Consultant, chemist, he offers to clients an in-depth regulatory knowledge and a rigorous approach to risk assessment. “In our work at Toxicon, the objective of evaluating a product is to identify and describe the conditions under which the risk can be controlled.”

Massimo Zen

Senior Consultant, chemist, he offers to clients an extensive laboratory experience and expertise in risk assessment. “In our evaluations, the interpretation of the significance of the laboratory data gives depth and value to the analytical effort.”

Rachele Lunetta

Junior Consultant, industrial biotechnologist, she offers to clients her enthusiastic approach to emerging issues. “Effective regulation is essential to safeguarding the environment, protecting human health, and preserving cultural heritage, ensuring a sustainable and just future for all.”

Daniele Campi Martucci

Senior Consultant, economist, he offers to clients a high sensitivity to small enterprises needs. “The attention to small and medium-sized enterprises is crucial: at Toxicon we have developed SME-friendly services and activities to ensure proper chemical management even in the smallest enterprises.”

Federica Butera

Senior Consultant, architect, she offers to clients a key reference point for the management of their regulatory projects with Toxicon. “The world of enterprise is all around us: we exchange needs, we experience, we build relationships, thanks to and with enterprises. Business is about bringing people to people.”

Salvo Dell’Arte

Senior Partner of Law Firm Dell’Arte, lawyer and professor at the University of Turin, he offers to clients its profound expertise on commercial, industrial and copyright law. “The European Data Sharing Regulation has provided clarity, establishing in law the principles and rules that we ourselves had advocated since the early days of REACH.”

Contacts	
Website	www.tsgconsulting.com
E-mail	info@tsgconsulting.com
Head office	TSG Consulting, Concordia House, St James Business Park, Grimbald Crag Court, Knaresborough, North Yorkshire, HG5 8QB, UK
Tel/fax	+44 (0) 1423 799 633
Contact	Vicky Atkinson
Directors	Daryl Thomas
Ownership	Science Group plc
Locations	Global, with offices in France, Germany, Spain, UK, USA, Canada
Founded	1990

Overview

TSG Consulting, part of Sagentia Regulatory, helps clients navigate business-critical risks around the world, by providing expertise and insight in science and product regulations. Our experts are industry-leaders in environmental science, human health, chemistry and regulatory affairs. They apply their expertise to products and chemical substances in the crop protection, antimicrobial, biocide, industrial, consumer, food and beverage, pet food and animal feed sectors. This depth of knowledge, combined with country-specific experience, sees us addressing a wide range of regulatory and compliance challenges – wherever clients need our support.

Meticulous, agile and commercially focused, we provide every client with science-led expertise and insight – helping them navigate evolving markets and a constantly changing regulatory landscape.

Vital statistics

2023/24

Turnover: group	>£110m
No of offices	>10
No of countries represented	Worldwide regulatory and technical support
Staff: group	>600
Staff: chemical service provision	>100

Services provided

At TSG Consulting, we are dedicated to solving your unique challenges with tailored solutions. In addition to the expert offerings below, we can support you by conducting literature reviews and data gap analysis, as well as proposing strategies for developing optimal evidence bases.

To ensure product safety and compliance, our expert human health and environmental teams perform thorough risk assessments of products, chemicals, contaminants, impurities and breakdown products. We also prepare expert reports, waivers and rebuttals to facilitate your regulatory success.

Our scientific experts provide valuable insights into emerging science and endpoints, as well as issues such as endocrine disruptors, persistent and mobile substances, PFASs and polymers. We are here to help you navigate complex regulatory landscapes with confidence, enabling you to achieve your goals.

Europe

Plant protection

- Practical and strategic advice on all aspects of the active substance and product approval process, including preparation of dossiers for new and existing projects
- Data gap analysis vs submission requirements
- Preparation of IUCLID dossiers for MRLs and active substances, new and renewal, projects

- Both preliminary and full risk assessment services, including any additional national risk assessment requirements

Biocides

- Strategic advice and general consultancy: EU and GB BPR, and international expertise
- Data gap analysis, study choice, design and management
- Dossier preparation (active substance approval/renewal and product (family) authorisation/renewal)
- Human health and environmental risk assessments; endocrine disrupting assessments (active substance and co-formulants)

REACH and CLP

- Registration, evaluation, authorisation, restriction and classification
- Data and dossier optimisation
- Chemical safety and read-across reports
- Policy and science positions

Cosmetics

- Compliance with cosmetics regulations (EU, GB and international) and assistance with responsible person (RP) duties
- Ingredient, formula, and product claim reviews
- Electronic notifications (Cosmetic Products Notification Portal), cosmetic product safety reports (CPSRs), product information files (PIFs)
- Toxicological safety assessments

North America

US federal and state regulations

- Regulatory, scientific and compliance support for US federal and state regulations
- ERA, FIFRA, TSCA, California Proposition 65, FFDCa
- Antimicrobial efficacy: test methods, project planning, data development, pre-submission support
- State pesticide registration and renewal services, including tonnage reporting for animal feed and fertilisers

Canada regulations

- Regulatory, scientific and compliance support for Canadian regulations covering conventional pesticides, biospesticides, fertilisers, biocides and chemical substances
- PCPA, Fertilizers Act, CEPA, NSNR
- Act as a Canadian agent for foreign companies

Worldwide food and beverage regulatory support

Food additives and ingredients

- Global regulatory advice and technical support
- Food additives and novel foods, including support with dossier preparation
- Food and nutrition labelling, nutrition and health claims, artwork label checks

Food contact materials

- Notification of new FCMs to regulatory authorities
- Declarations of compliance (DOC), QA/QC and associated documentation
- Risk assessment and migration testing
- Support with food packaging alerts and product recalls

Strategic guidance

Product compliance

- Compliance assessments
- Representation and liaison with state, federal, national and supranational authorities
- Consortium management and only representative services, taskforce management
- Due diligence audits

Product stewardship

- Mapping use and impact of substances in the value chain
- Emerging issues
- Technical advocacy
- Claims, labelling and reporting

Product sustainability

- Horizon scanning
- Assessing alternatives and trade-offs, clarifying essential use, and substitution planning
- Safe and sustainable design and NAMs
- Lifecycle impact assessment

Corporate support

- Compliance audit programmes
- Portfolio management
- Product due diligence and management systems
- Science, policy and regulation planning

Partners

We are proud to be part of Sagentia Regulatory, which includes TSG Consulting and Leatherhead Food Research, and stands as one of the five practices of Sagentia, the consultancy division of Science Group plc. Sagentia has over 300 consultants with expertise across medical, defence, aviation, consumer, food and beverage, energy, chemical, and industrial markets. Our team, fluent in over 50 languages, supports clients in more than 100 countries, providing innovative solutions tailored to highly regulated markets.

Clients

We work with clients worldwide, from multinational corporations to start-ups, across a wide range of industries including chemicals, pharmaceuticals, food and beverage, and more. We also collaborate with industry groups, trade associations, and law firms to provide tailored solutions that meet our clients' unique needs.

Case study 1

Clarifying the science

We step in when companies need to present detailed technical evidence to authorities to inform policy, regulation and decisions. For example, we developed a detailed case to present to ECHA Rac in relation to a request for extensive new data requirements for a SVHC at the ECHA REACH Committee and Board of Appeal.

Case study 2

Reliable evidence base

When our client needed a fast response to prepare for a new regulatory position, they called us to help prepare the evidence base. We worked closely with the client to define a strategy, and prepared a safety assessment, alternatives assessment and socio-economic analysis on a fast track, making a timely submission.

Case study 3

Safe and sustainable

When the regulator proposed a new harmonised classification for a substance, a major manufacturer wanted to find a safer alternative. TSG worked with the manufacturer to assess potential alternatives based on consideration of all available data, including information on analogous substances, with the aim to avoid new testing.

Our research provided the confidence to proceed with a major investment and a refined process for evaluating new products.

Case study 4

Verifying compliance

When a multinational chemicals manufacturer wanted to ensure compliance with REACH and other related regulations, they called TSG to develop a sound approach. TSG’s experts collaborated with stakeholders to develop the audit methodology, assess compliance for hundreds of chemicals and manufacturing operations, identify gaps, and propose solutions, all while managing confidential business information.

Staff selection

Daryl Thomas – Managing Director, Sagentia Regulatory

Over 30 years’ experience in agribusiness and regulatory consultancy, specialising in building and coaching international, multifunctional, high-performing teams, leveraging commercial excellence to drive business efficiency and efficacy.

Amy Burrows – Head of Commercial

More than 20 years’ experience managing multi-disciplinary scientific projects across the plant protection, biocide, cosmetic and pharmaceutical industries. Excels at engaging with customers and stakeholders to ensure objectives are met.

Sue Bullock – Head of Chemical Compliance, Stewardship and Sustainability

Over 30 years’ experience in human health and environments consultancy. Provides expert strategic and technical advice to chemical producers, downstream users and product manufacturers worldwide.

Sam Walker – Head of Biocides and Cosmetics

Fifteen years’ experience in chemical, biocide, and pharmaceutical regulations, specialising in efficacy, strategy, study monitoring, and dossier preparation. Expertise includes biocides, renewals, technical equivalence, endocrine disruption, and environmental fate studies.

Iain Watt – Head of Plant Protection

Thirty-five years’ experience in the crop protection sector. Record of achieving successful regulatory outcomes, including applications for new active substances, and renewals of existing active substances.

Bruce Callow – Head of Environmental Science

More than 25 years’ experience providing expert regulatory advice on the environmental fate of agrochemicals, chemicals and biocides, including representation and negotiation with EU regulatory authorities.

Dr Samantha Eaves – Head of Human Health, Chemistry, Analytical Methods and Residues

Extensive experience in regulatory and registration support for the biocides industry. Previously gained research and development experience in the healthcare sector of the FMCG industry. Holds a PhD in Chemistry.

Ailsa Jackson – Head of Toxicology, OPEX and Study Management

Experienced toxicologist with over 30 years as a lab study director and manager, and a regulatory toxicologist in agrochemicals. A former president of the American Board of Toxicology.

Mariko Kubo – Head of Scientific and Regulatory Affairs, Food and Beverage

Over 15 years’ experience in international food and beverage regulations, specialising in strategic and compliance projects.

Abigail Wacek – Managing Director, TSG North America

Specialist in pesticide compliance, with expertise in residual disinfectants, inert ingredient petitions, treated articles, and products that integrate nanoscale materials, especially silver.

Kelly Rahn – Executive Vice President, State Programs and Business Development

Over 30 years’ experience. Expert in the registration and ongoing compliance of pesticides at the US state and federal level, with an emphasis on antimicrobials and conventional chemicals.



Contacts	
Website	ul.com
E-mail	UL.supplychain@ul.com
Head office	333 Pfingsten Road, Northbrook, IL 60062, US
Tel/fax	North America (US): +1 800 572 6501 Europe (UK): +44 115 965 1888
Directors	Ben Cronin
Ownership	UL Solutions, LLC
Locations	Global
Founded	1894

Overview

At UL Solutions, we help companies manage compliance and sustainability for products throughout both their lifecycle and complex global supply chains. For over 40 years, our customers have relied on us to meet the chemical compliance requirements of governments, NGOs, retailers, and consumers, while protecting intellectual property throughout all nodes of the supply chain. Our ULTRUS™ portfolio of software provides chemical compliance management to help companies:

- manage their ingredient and product data;
- assess and meet regulatory compliance obligations for market entry;
- achieve sustainability goals; and
- proactively mitigate risks to ensure business continuity.

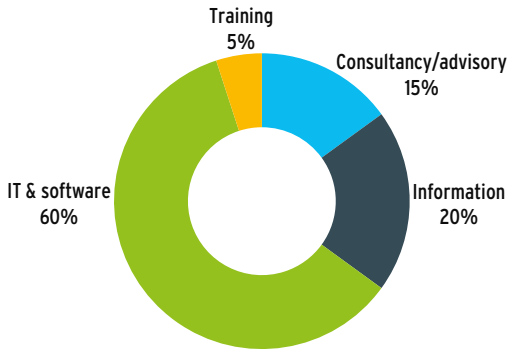
With ULTRUS™ software for product stewardship, the most robust regulatory data, and a team of global regulatory experts, we help our customers establish chemical management policies, access actionable and insightful data for decision-making and policy enforcement, and automate their hazard communication, so they can proactively manage their regulatory and sustainability challenges with confidence.

Vital statistics

2023/24

No of offices	160
No of countries represented	130
Staff: group	15,000
Staff: chemical service provision	820

Service area breakdown



Global offices

Brussels, Belgium; Ballerup, Denmark; Krefeld, Germany; Cabiato, Italy; Nottingham, UK; Northbrook, Illinois; Latham, New York; Shanghai, China; Tokyo, Japan; Seoul, South Korea; Sao Paulo, Brazil; Melbourne, Australia.

Services provided

ULTRUS™ product stewardship software for chemical data management and SDS authoring

Whether you require SDS authoring, a complex bill of materials, regulatory reporting, or distribution and workflow management, you can leverage industry-leading expertise, technology and data from UL Solutions for an integrated compliance solution to meet your needs.

Our powerful SDS authoring and chemical data management software allows you to manage your product stewardship and regulatory compliance obligations with:

- platforms that are configurable and flexible, and can be integrated with other business systems (such as SAP);
- compliance data acquired by industry experts monitoring more than 8,000 regulatory lists; and
- solutions supported by an experienced, global network of scientists, consultants and regulatory experts.

Global market access and advisory services

It does not matter if you are a small business that needs compliance knowledge to grow, or a large corporation that needs surge capacity for the latest regulatory deadline, UL Solutions has the expertise and experienced staff to provide the advisory services you need.

Our team of 70+ regulatory experts provide support services to assist with:

- product development and product launch;
- verifying and maintaining product compliance;
- training staff on global regulations and best practices;
- regulatory data and information;
- technical and industry-specific issues;
- hazard communication and risk assessments;
- product or component registration/notification (eg REACH, CLP and TSCA);
- site audit and process reviews; and
- chemical policy development.

Supply chain transparency software

As consumers demand safer and cleaner products, retailers and product manufacturers are moving beyond regulatory compliance to deliver products that avoid chemicals of concern, utilise sustainable input materials, and exhibit other green attributes, such as waste reduction.

Our comprehensive supply chain data management and transparency platform enables data collection, evaluation and analysis of materials and products against custom evaluation frameworks that can be tailored to an organisation's specific sustainability goals.

Supply chain compliance

By facilitating secure data exchange throughout the most complex product supply chains, UL Solutions is the trusted third party for providing risk mitigation and data transparency. Whether it is securing the makeup of raw materials, the proprietary formulation from the leading manufacturers, or providing retailers with the critical data necessary to comply with local or national regulations, we can help you manage your compliance needs with confidence.

Accreditations

ISO 27001 (Latham, New York).

Clients

More than 15,000 UL Solutions customers worldwide use various products and services across industries such as adhesives, automotive, plastics, consumer products, flavours and fragrances, life sciences, paints and coatings, consumer electronics, building products, petrochemical, pharma, retail, and specialty chemicals.

Corporate developments and achievements

2013	UL Solutions acquires The WERCS, global supply chain software specialist
2016	UL Solutions acquires leading chemical EH&S regulatory compliance provider Safeware Quasar
2017	UL Solutions acquires ChemADVISOR®, a world leader in chemical regulatory compliance and data solutions
2018	UL Solutions launches search tool Product IQ®, for verifying UL certifications of products and components
2019	UL Solutions launches Illuminator®, a first-of-its-kind software tool enabling online access to industry-leading ChemADVISOR data
2022	UL Solutions launches ChemADVISOR® content for SAP® Product Compliance with expert rules, templates, data and phrases for SDS authoring
2023	UL Solutions launches specialised PFAS content enhancement package, allowing companies to collect product data, identify PFAS in their portfolio and access insights to manage compliance and keep updated when regulations change.
2024	UL Solutions launches ULTRUS™ software, a new brand highlighting UL Solutions' software offerings that are designed to help companies meet regulatory, supply chain and sustainability challenges.

Case study 1

Innovative data automation facilitates commerce and regulatory compliance

A global leader in analytical technologies was faced with improving the management and distribution of its equipment that shipped with limited hazard materials so the purchased items reached the customers as scheduled. With limited internal regulatory resources and constantly changing global regulatory requirements, compliance was an overwhelming task. This company needed an adaptable and scalable solution that would address its data migration needs and provide regionally compliant, multilingual documents to meet its global regulatory requirements quickly and effectively.

By leveraging our innovative suite of software solutions and extensive regulatory expertise, this company was able to improve its current business processes and integrate regulatory data into its existing ERP, meet chemical handling requirements and deliver equipment as promised to customers while improving cash flow.

Benefits

- Generated 130,000 compliant safety documents in weeks vs. months to meet regulatory deadlines
- Product data is now managed, updated and processed in a timely manner
- Products and their related hazard communications are compliant and easy to maintain
- Seamless translation of safety data sheets into multiple languages in a matter of minutes

Case study 2

Helping manufacturers and retailers meet regulatory requirements

Due to increasing regulatory demands and complex global supply chains, retailers and manufacturers were looking for ways to meet compliance and organisational sustainability requirements, while protecting confidential business information (CBI) and enabling commerce. The securing and exchange of chemical data along with regulatory expertise is necessary to ensure proper handling, transportation, storage and disposal of chemical containing products.

UL Solutions became the trusted third party to collect, process, protect and provide the data transparency needed between supply chain nodes to mitigate risks surrounding products containing chemicals or substances of concern. Our unique capability allows for the collection of essential chemical formulation data

from manufacturers while applying critical regulatory insights to advise retailers on product stewardship without slowing down commerce for either party.

While safeguarding proprietary information, our powerful engine allows manufacturers to register their products once and meet the needs of multiple retailers. Today, UL Solutions helps more than 20,000 manufacturers and 125 major, multinational retailers, meet their product compliance and product stewardship needs.

Benefits

- Trusted third party to facilitate the secure transfer of product composition data and protection of critical CBI
- Automation of GHS compliant safety data sheets (SDS) and labelling documentation
- Risk mitigation and brand protection

Case study 3

Supply chain transparency and risk mitigation for consumer electronics

A leading global technology company expanding into augmented reality (AR) and virtual reality (VR) devices required information on the products upstream in its supply chain to effectively deliver finished products into the marketplace, comply with regulations and minimise potential risks.

Like most consumer electronics, this company was managing a component inventory of more than 400,000 stock keeping units (SKUs) with high inventory turnover, that represented more than 7,000 chemicals. It did not have expertise to collect and evaluate product data to protect its employees, the environment and to effectively transport its products globally.

With the overwhelming complexity of regulations and supply chains, this tech giant enlisted UL Solutions to help it navigate this new frontier. As a trusted third party in securing and protecting confidential component and chemical data, UL Solutions was able to secure data on all components and their complex bills of materials (BoMs), and quickly identify challenges and implement solutions to mitigate them. The powerful combination of software, data management, regulatory compliance knowledge and industry expertise allows UL Solutions to manage the full scope of the product stewardship journey – from material sourcing to product disposal.

Benefits

- Supply chain transparency and accurate component data for complex consumer electronics
- Risk mitigation with regulatory compliance and proactive chemical and material management software
- Comprehensive product stewardship from material sourcing to disposal
- Seamless creation of BoMs for finished goods with multilingual support
- Regulatory expertise and support for handling, transportation, use and disposal of hi-tech electronics

Staff selection

Dr Martina Schneider – Regulatory Affairs Manager

Martina oversees our regulatory advisory services. Building on her background in environmental chemistry, she has a deep knowledge of European regulations such as REACH, CLP and RoHS. She utilises this expertise to support customers in addition to keeping our content solutions and software accurate and current.

Dr Bill Pease – Chief Scientist

Bill is responsible for the scientific methods and informatics services used by manufacturers and retailers to rate materials and products on their health, environmental and social impacts. He works with major US retailers and manufacturers to develop chemical policies and restricted substances lists. He helps design the standards used to identify environmentally preferable products and to implement software systems to collect data from their supply chains.

Andrew Brooks PhD – Senior Manager, Chemicals

Andrew is a chemical regulatory expert, coming from the chemicals industry. Predominantly focusing on REACH, CLP and preceding European Directives, he has assisted many companies with differing product portfolios during the transition to GHS, enabling businesses to adapt and succeed.

Contacts	
Website	www.umco.de
E-mail	umco@umco.de
Head office	UMCO GmbH, Georg-Wilhelm-Strasse 187, 21107 Hamburg, Germany
Tel/fax	+49 (0)40/555 546 300, +49 (0)40/555 546 357
Contact	Jan Moenster
Directors	Anika Biehl, Peter Duschek, Ulf Inzelmann
Ownership	See directors
Locations	Germany: Hamburg, Rhineland
Founded	1982

Overview

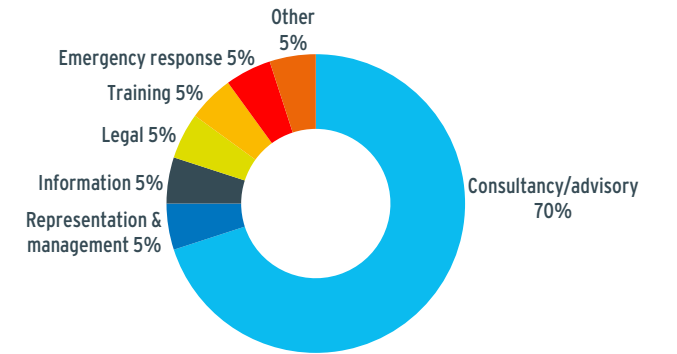
Since 1982 UMCO GmbH is your partner for chemical compliance consulting in Germany and Europe. Being one of the largest and most experienced consultants in chemicals and environmental law, our consulting company has been guiding its clients from the chemical, industrial, pharmaceutical and logistics sectors safely through the complex regulations governing chemicals. Reliably, professionally and personally. The result is pragmatic and sustainable solutions.

We support our clients with an interdisciplinary team of 90 engineers, scientists, and legal experts, who are committed to ensuring the economic viability, quality, timeliness, and success of our clients’ projects. Our service portfolio includes safety data sheets, chemical regulations, health safety environment, dangerous goods, 24h-emergency numbers and an in-house academy. We are certified according to ISO 9001.

Vital statistics

No of offices	2
No of countries represented	1
Staff: group	90
Staff: chemical service provision	45

Service area breakdown



Services provided

Safety Data Sheets services

- Determination of the status of all chemical products used or traded by your company regarding their marketability worldwide
- Auditing and advising on chemicals management at company or corporate level and the integration of responsibilities and documentation into management systems
- Determination of classification and labelling in accordance with European and international chemical and dangerous goods legislation
- Authoring and monitoring SDS and exposure scenarios (for all European

- regions/languages using UMCO’s UHCS software for SDS – UMCO Hazard Communication System)
- International SDS compilation and monitoring performed in cooperation with our network partners
- Support with worldwide chemicals management, including analysis of national requirements for marketing and use of chemicals and notification/registration in cooperation with our network partners
- Notification of hazardous mixtures according to Article 45 CLP including Third Party Solution for non-EU companies
- Permanent monitoring of substance and product data with regard to legislative amendments or changes to customer recipes, including the updating of all necessary documents (SDS, eSDS, labels)
- Customised interfaces to generate the automatic import and export of data in standard XML format into/from UMCO’s UHCS software for SDS
- Web services for customer specific evaluations, for example current stock or dangerous goods lists and functions; CLP-compliant online calculation tool
- Automated data export for printing CLP/GHS labels
- Consulting and support with in-house hazardous substances management
- Compliance service for restricted/banned substances in mixtures/articles
- Data maintenance for hazardous substances, raw materials and products in the SAP EHS system of our customers
- Own data warehouse for all types of substance and product related information, data and documents

EU-REACH management (REACH Regulation (EU) No 1907/2006): Registration management for lead registrants

- Project management
- Substance characterisation (so-called sameness test) including communication with laboratories
- Preliminary study on data requirements, literature research and data gap analysis
- Study management and monitoring
- Data management/study summary and expert statements
- Preparation of all relevant documents for registration, eg chemical safety report (CSR), hazard/use/risk assessment, technical dossier in IUCLID and implementation of the LR registration
- Joint submission management and letter of access (LoA) management
- Communication with co-registrants and preparation of contractual arrangements for data and cost sharing
- REACH registration dossier follow ups: support during dossier and substance evaluations, including dossier updates

Registration management for co-registrants

- Support with joint registration: communications regarding substance sameness and LoA
- Compilation of inquiry/registration dossiers and (pre-)submission to ECHA.
- Dossier updates (including increasing tonnage bands or changing the registration type)
- Support during ECHA compliance checks
- Monitoring of incoming messages related to the registered substance (eg from REACH-IT, lead registrants, consortia) incl. recommendation for action, if necessary

Representative services

Only representative (OR) for non-EU manufacturers/formulators according to Article 8 EU-REACH.

Communications in the supply chain

- Strategies for the communication with suppliers and customers
- Support with identification of uses (use mapping)
- Implementation of exposure scenarios in daily practice
- Consultation on substances of very high concern (SVHCs) in mixtures and/or articles

General and strategic consulting (REACH Regulation (EU) No 1907/2006)

- Consultation and evaluation of organisations and structures aimed at ensuring EU-REACH compliance, eg restriction (annex XVII), authorisation (annex XIV) as well as support with participation and argumentation in public consultations and other communications with authorities.
- Advising on delimitation between substance, mixture and article

Substance monitoring

Reviewing of selected substances with regard to their regulatory status and current developments under REACH Regulation (EU) No 1907/2006 and CLP Regulation (EU) 1272/2008.

General and strategic consulting (Biocidal Products Regulation (EU) No 528/2012)

- Consultation and evaluation of organisations and structures aimed at ensuring BPR compliance
- Advising on borderline and dual use products
- Support for Art. 95 listings. Marketability of the treated articles including differentiation from the biocidal product and verification of the labelling information in accordance with Art. 58 of the BPR. Preparation of application documents for national notifications (transitions period for actives applicable).

Active substance approval and biocidal product authorisation (EU and UK)

- Coordination of the entire approval/authorisation process including communication with authorities and laboratories
- Definition of the appropriate strategy
- Literature research, data evaluation and data gap analysis
- Identity technical equivalence and physicochemical parameters
- Toxicology and human exposure, environmental fate and ecotoxicological evaluation
- Assessments of endocrine disruptors (ED)
- Development of test strategies for effectiveness
- Study management and monitoring
- Data management/study summary and expert statements
- Preparation of technical dossier in IUCLID including all necessary submission forms (PAR, CAR, etc) and submission

Health safety environment services

- Provision of external company advisors/officers for: occupational safety, emissions protection, water pollution control, waste, hazardous incidents
- Management of approval procedures/authorisation management
- Advice on storage of hazardous materials
- Explosion protection consultation
- Preparation of operating instructions
- Compilation of safety reports and further hazardous incident documentation, such as safety management systems and corporate alarm and hazard control plans (Seveso III Directive)
- Training and instruction (executives, contract workers, employees)
- Management systems: ISO 14001, 45001
- Management systems
- Creation and maintenance of legal registers
- Sustainability management
- Compliance organisation and checks
- Conducting internal audits and remote audits

Dangerous goods

- Provision of an external dangerous goods safety advisor (DGSA)
- Establishment of a customised dangerous goods organisation and analysis to optimise procedures
- Inventory and dangerous goods audits
- Checklists and working and operating instructions
- Verification of correct classification and labelling
- Instruction and training courses
- Document checks
- Information about legal changes
- Special topics, such as the transport of explosive and radioactive substances, as well as lithium batteries
- Project management and consulting

Emergency telephone number

Emergency telephone number for EC SDS (all European poison centres) and GlobalChem24: 24-hour emergency number for dangerous goods transports and SDS worldwide (together with RICARDO).

Training

Training, workshops, seminars in-house or online provided across all services as well as working and process instructions.

Corporate developments and achievements

2006	Co-founder of the Global Chemical Consulting Network (GCCN), an entity that provides services regarding foreign legal regulations
2012	New development of an independent, proprietary software solution – UMCO Hazard Communication System (UHCS) – for monitoring products and compiling documents for hazard communication
2013	Customised interfaces for the automatic import and export of data per XML transfer from our UMCO SDS software (UHCS) to customer ERP systems
2016	Customised online training for employees about occupational safety and related areas. These trainings can be tailored to company requirements
2020	Expansion of the offering on training to webinars and online
2024	Sustainability management

Partners

Global Chemical Consultant Network, RICARDO/NCEC and REACH24H.

Clients

Our clients include more than 1,000 national and international companies – all along the chemicals value-added chain: manufacturers, producers and formulators; distributors and importers; warehouses, storage operators and transshipment companies; logisticians; users of chemical products, articles and commodities; service providers etc.

Testimonials

We, as einzA Lackfabrik (paints and lacquers factory), have worked successfully with UMCO for many years. Over time, this cooperation has developed into an indispensable factor regarding hazardous substances, biocides, and dangerous goods. A common data exchange via import tables has been established so that we can react quickly to changes in formulations, new raw material installations or amended raw material data sheets. This means that our labels, safety data sheets and transport documents are always up to date. As a medium-sized company, we feel professionally well looked after at all times and look forward to further cooperation to master the constantly growing tasks together.

ISL-Chemie is a system provider for the plastics and lacquer industry with over 3,000 colour pastes and special lacquers in its range. With our partner UMCO/GlobalChem24 we are optimally positioned to guarantee the worldwide valid legal transport regulations of chemicals for our customers.

Case study 1

Chemical product management

Compilation of SDSs for different chemical traders and producers of chemical mixtures. More than 60,000 SDSs compiled and regularly updated.

Case study 2

Business process outsourcing

Handling product stewardship and legal chemical products services for paint companies, including determination of classification and labelling for products in all EU regions and languages and compiling SDS and CLP/GHS labels.

Case study 3

REACH consortium management

Financial management, supervision of subcontractors, trustees. Registration, SIEF and LoA management.

Contacts	
Website	www.vitisregulatory.com
E-mail	info@vitisregulatory.com
Head office	Office 59, Canterbury Innovation Centre, University Road, Canterbury, Kent, CT2 7FG
Tel/fax	+44 (0)1227 470901
Contact	Dr Oliver Warwick
Directors	Oliver Warwick, Louise McLaughlin, Rosalind Wildey
Ownership	Limited company
Locations	UK: Canterbury, Kent. Belgium: Etterbeek, Brussels. Germany: Bockenem, Lower Saxony
Founded	1995

Overview

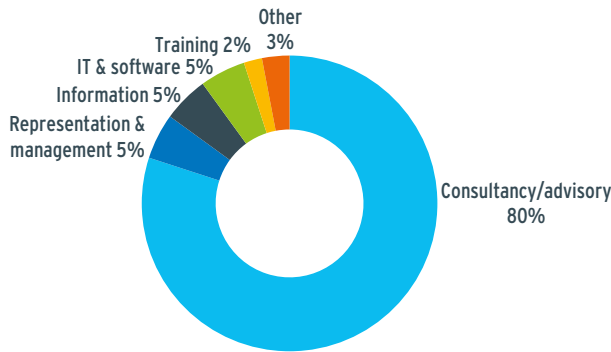
Vitis Regulatory is an expert scientific consultancy with bases in Belgium, UK and Germany that works with you on the hazard assessment, risk assessment and risk management of chemical substances, to guide and maintain your compliance with the regulations on chemical safety.

Vital statistics

2023/24

No of offices	3
No of countries represented	3
Staff: group	35
Staff: chemical service provision	30

Service area breakdown



Services provided

Vitis Regulatory Limited, SRL and GmbH colleagues work together to offer expert advice and support on:

Regulatory compliance

REACH (EU and UK): development of all aspects of technical dossiers for registration, including substance identity and classification and labelling, and response to regulatory evaluation. Technical support for applications for authorisation (AfA) and restriction proposals.

Biocidal products: compiling product authorisation dossiers for the EU biocidal products Regulation and similar regulations in the UK, understanding of the complex needs of the regulations for active substance and product assessment, applying expert knowledge of chemistry, degradation in the environment, toxicology and ecotoxicology.

EU Cosmetics Regulation: understanding of chemistry, degradation in the environment, toxicology and ecotoxicology to develop a cosmetic product safety report (CPSR) for notification.

Environmental safety: exposure modelling at all steps of the supply chain, quantifying how the environment and humans may be exposed to a chemical throughout its lifecycle. Assess exposure in depth for specific locations, using modelling to help plant managers identify operational controls they can apply to minimise environmental footprint.

Scientific research

Predictive methods: filling data gaps for regulatory submissions including quantitative structure-activity relationships (QSAR), read across and alternative methods to testing.

Modelling development: standard and bespoke modelling methods and programmes for assessment of environmental exposure and fate, worker and consumer exposure, including impact of market changes. Working with clients and laboratory-based partners to validate models using measurements from workplace monitoring, effluent and environments monitoring data and experiments.

Data interpretation: substance identity and sameness evaluation for regulatory purposes. Characterisation of complex substances such as UVCBs from both natural and synthetic sources.

Literature reviews and screening assessments: on a wide range of regulatory endpoints including use pattern, fate, toxicity and endocrine disruption.

Study design and management: designing and monitoring testing programmes and studies that are fit for purpose. Understanding and managing the challenges associated with testing “difficult” substances.

Chemical policy

Policy development for chemicals management: development and analysis of policy for chemicals management. Understanding the risk of substances and the impacts they have, such that the consequences of regulatory actions can be quantified, and the costs and benefits understood.

Corporate developments and achievements

1995	Peter Fisk Associates established
2006	Incorporated as a UK private limited company
2016	Belgian subsidiary firm established
2020	Existing directors buyout and change of ownership to Oliver Warwick, Louise McLaughlin, and Ros Wildey
2022	Company rebrand to Vitis Regulatory German subsidiary firm established

Partners

We partner with others to complement our skill set and enhance the offer to our clients. We have established close collaborations on areas such as socio-economic analysis and specific scientific/regulatory areas (eg biocidal efficacy).

Clients

Vitis Regulatory has a wide range of clients from both industry and regulatory organisations. Testimonials can be provided upon request. We support:

- SME chemical companies up to major multinationals;
- manufacturers, importers and downstream users;
- single companies to large consortia; and
- regulatory authorities and government organisations.

Accreditations

Vitis Regulatory Limited: ISO 9001 Quality Management System, ISO 14001 Environmental Management System, ISO 27001 Information Security Management System. **Vitis Regulatory SRL:** ISO 9001 Quality Management System.

Case study 1

REACH registrations

Vitis Regulatory has been supporting our clients with EU REACH since the publication of the Regulation back in 2006 and we have been involved with the successful submission of more than 300 REACH technical dossiers including both phase-in and non-phase-in substances. Our portfolio includes a wide range of organic and inorganic substances, UVCBs, industrial chemicals and those with widespread uses.

Vitis Regulatory’s approach to compliance is centred around the science that underpins the regulatory requirements, starting from a sound understanding of substance identity, physico-chemical properties, fate and hazard through to best practice in exposure science and risk characterisation.

We continue to support our clients with their ongoing compliance obligations for previously registered substances as well as new substance registrations, assisting with dossier quality improvement initiatives across a range of industry sectors and with proactive preparation for upcoming changes in the requirements for registration.

Case study 2

Polymers

In 2019, Vitis Regulatory and Wood plc were selected by the European Commission to provide “ Scientific and technical support for the development of criteria to identify and group polymers for registration/evaluation under REACH and their impact assessment”. The resulting report, presented at the 35th Caracal meeting, considered the potential risks to human health and the environment posed by polymers and highlighted the prospect of polymers requiring registration under REACH in the near future.

Challenges included defining complex substance identity and adapting testing methods for polymers. The strategy involves minimising the number of polymers for REACH registration (PRRs) by defining their composition and grouping them, thereby reducing animal testing through read across and other regulatory adaptations. This preparation will assist clients in understanding their substance portfolios, determining data needs, and planning for regulatory compliance and product stewardship.

Understanding polymers and how they fit in the current regulatory landscape at EU or global level will be pivotal for the industry. The team at Vitis Regulatory has the expertise and creativity to help businesses of any size develop a strategy for polymers and navigate forthcoming regulations effectively.

Case study 3

REACH application for authorisation - technical support

Vitis Regulatory has provided the technical support for applications for authorisation (AfA) under both EU and UK REACH regimes. This has involved supporting our client on all aspects of the AfA: preparation of specific and detailed exposure scenarios, including the assessment of exposure monitoring and modelling data, and the assessment of impacts to workers and the general population.

We worked closely with our client to produce a detailed analysis of an alternatives and substitution plan. We also collaborated closely and successfully with socio-economic analysis (SEA) specialists to produce the SEA. We supported our client throughout the process in meetings and in interactions with the authorities from the pre-application information session and at follow-up meetings, through to assistance with written responses to opinions and recommendations.

Case study 4

OECD workshop

In October 2023, the OECD hosted a workshop on the ‘Valuation of Environmental Endpoints in the Context of Chemicals Exposure’ to seek a common understanding and agreement of the attributes to value for

chemicals related environmental endpoints and the relevant valuation scenario(s) to consider in the development of a valuation methodology and subsequent pilot study. The meeting heard from regulatory economists/ risk managers, regulatory ecotoxicologists and academic environmental economists on what:

- valuation information regulators need for environmental cost/benefit assessment;
- comes out of a regulatory risk assessment regarding environmental impacts and chemicals; and
- the challenges are in linking these with environmental valuation approaches.

A presentation was held on the potential use of approach to combining a valuation scenario with expert elicitation, followed by a discussion on potential use of a valuation scenario in which various environmental attributes related to chemicals exposure are linked to regulatory risk assessment outcomes through extrapolation via an expert elicitation protocol.

Vitis Regulatory was invited by the OECD to be a discussant for this item as well as participating in the other discussions over the two-day workshop.

Staff selection

Oliver Warwick PhD – Managing Director

Oliver joined the company in 2010 having previously worked in consulting and prior to that in government and industrial research. He has more than 20 years’ experience leading scientific and multi-disciplinary teams to successful completion of technical projects on EU chemical (eg REACH, BPR) and other environmental legislation (eg EIA, Seveso). He works with directors and project managers to ensure the delivery of high quality scientific and technical support for clients across industry and government.

Louise McLaughlin – Director

Louise joined the company in 2002. She has a background in analytics chemistry and previously worked in regulatory and analytical departments for a major CRO. She is project manager across all technical areas including chemical property data, use pattern and lifecycle information, exposure assessment and risk assessment.

Rosalind Wildey – Director

As an environmental chemist, Ros has more than 20 years’ experience in chemicals exposure assessment in a regulatory context, working on projects for both industrial and regulatory authority clients. Regulatory compliance experience includes development and maintenance of data sets, hazard and risk assessment, as well as project management.

Stephan Goller – Director

Dr Stephan Goller has more than 15 years’ experience as study director for GLP studies with industrial chemicals, pesticides, biocides and pharmaceuticals. He applies expertise in analytical chemistry, physical chemical properties testing, and environmental fate and behaviour according to OECD and other globally accepted guidelines. Stephan is experienced in project management and leading of teams and he brings expertise in regulatory testing to his consultancy role.

Joanne Massey – Principal Toxicologist

Joanne brings more than 20 years’ expertise in hazard assessment of industrial chemicals in the regulatory context, biocides, food additives, soil contaminants and air pollution. Joanne has taken the lead toxicologist and substance leader roles in preparing complex, REACH registration dossiers monitoring various study types, and planning targeted testing and read-across strategies.

Helen Disley PhD – Principal Scientist

Helen is a chemist with 14 years’ experience assessing chemicals under the REACH regulation. She specialises in understanding substance chemistry and its impact on hazard and risk profiles. Helen’s expertise extends to non-experimental data gap filling methods like QSAR and read-across. Helen is closely involved in substance identity, physiochemical property assessment, and data management/analysis.

Contacts	
Website	www.yordasgroup.com
E-mail	info@yordasgroup.com
Head office	Lancaster Environment Centre, Lancaster University, Lancaster LA1 4YQ, UK
Tel/fax	+44 (0) 1 524 510278
Contact	Malcolm Stewart
Directors	Jonathan Lutwyche, Adam Rowntree
Ownership	Privately owned
Locations	UK, Germany, Turkey, Canada, Japan, Ukraine
Founded	2007

Overview

Yordas Group is a global provider of scientific, environmental, and regulatory consulting services, supporting organisations throughout their entire compliance journey. We support clients worldwide through offices in the UK, Germany, Turkey, Canada, Japan, and Ukraine, and operations spanning North America, Europe, Asia, and Latin America, delivering tailored solutions in chemicals management, product stewardship, and sustainability.

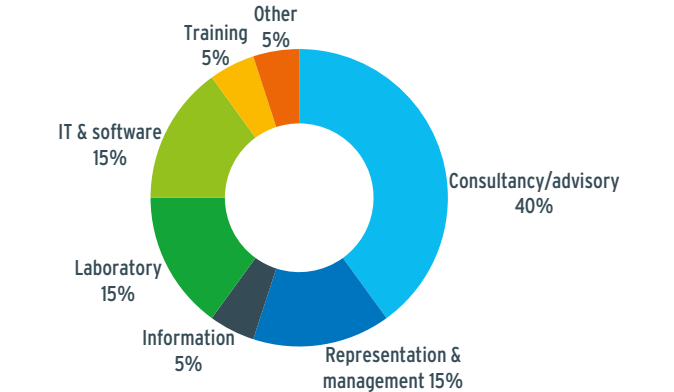
At the heart of Yordas is a diverse team of subject specialist consultants, scientists, regulatory experts, and industry professionals who bring deep expertise across sectors and jurisdictions. Their insight ensures that every client engagement is grounded in technical rigour and practical relevance.

Our consulting services are complemented by Yordas Helix, a powerful regulatory intelligence platform available as a standalone SaaS solution or configured to integrate seamlessly with clients’ existing business systems and workflows. Helix supports proactive compliance, risk management, and operational efficiency, delivering a scalable solution that evolves with changing regulatory demands.

Vital statistics

No of offices	6
No of countries represented	Global
Staff: group	109
Staff: chemical service provision	71

Service area breakdown



Clients

Our global customer base includes manufacturers, distributors and retailers across a broad variety of industry sectors, along with trade associations and government bodies.

Services provided

Regulatory compliance

- Global notifications, including EU REACH, UK REACH, US TSCA, Ukraine REACH, China MEP Order No 7, Korea ARECS (K-REACH), Taiwan TCSCA and OSHA, Japan CSCL and ISHL
- Cosmetics: scoping assessments and responsible UK and EU persons
- Environmental permitting: HOCNF, OSPAR
- Product regulations: toys, detergents, aerosols, RoHS
- Nanomaterials: regulatory compliance and safety
- Global biocides product regulations and claim substantiation
- Hazard communication: global safety data sheets (SDS), classification and labelling to GHS, CLP and other global classification systems, exposures scenarios, and poison centre notification

Product stewardship and sustainability

- Global regulatory monitoring
- Regulatory and supply chain audits
- SCIP database reporting
- Custom data services
- Sustainability strategy and reporting
- Product substitution and ‘green chemistry’
- Integrated management systems, such as ISO
- PFAS services
- Management systems and auditing
- Lifecycle assessment (LCA)

Scientific expert and analytical services

- Chemical characterisation
- Chemical safety assessment and reporting
- Analysis of nanomaterials
- Hazard and risk assessment of substances and products
- Data acquisition, testing and management
- Assessment of alternative chemicals and substitution strategies
- Assessment of endocrine disrupting properties
- Systematic review
- Expert assessments: polymer status, exemption from registration, physchem and (eco)toxicological endpoint
- Read across justification and QSAR toolbox
- Expert witness services and litigation support

Training

Yordas Insight provides integrated training solutions that are relevant, up-to-date and interactive. Our training delivers knowledge, tools and methodologies that you can apply to your business. Our experts share their knowledge through case studies and interactive learning methodologies so that you can use your learning for business risk management and strategy.

Corporate developments and achievements

2007	Founded as The Reach Centre
2017	Rebranded to Yordas Group and formed a Group of Companies
2018	Yordas GmbH (Germany) Yordas Limited (Canada) established
2020	Yordas Danigmanhk Limited Sirketi (Turkiye) established
2022	Yordas K.K (Japan) established
2025	Yordas LCC (Ukraine) established King’s Award for Enterprse and International Trade

Accreditations

Our training courses are approved by the Royal Society of Chemistry.

- ISO 9001:2015 Quality management
- ISO 14001:2015 Environmental management standard
- ISO 27001:2013 Information security management standard

Case study 1

GRMS2 – Regulatory radar for the automotive industry

Yordas was contracted to develop, populate and maintain the GRMS2 (Global Regulatory Monitoring System of Chemical Substances) tool on behalf of ACEA (the European Automobile Manufacturers Association). Our industry-focused GRMS2 solution covers the majority of chemical regulatory management needs for the automotive industry including global regulatory impact assessments for the sector. In this project, we were able to combine our extensive regulatory knowledge with our software development capabilities and make use of the chemical substance data and updates from our in-house database Yordas Helix.

GRMS2 contains hundreds of fact sheets. Scripted by experts at Yordas Group, these provide key information on new and existing global legislation impacting the automotive sector, including their impact on the manufacture, import, and after-sales of both articles and process chemicals.

yordasgroup.com/case-studies/grms2

Case study 2

Using Yordas Helix to create and maintain chemical regulatory intelligence

The challenge

A strategic client required a scalable SaaS solution to manage chemical regulatory intelligence across their product portfolio. They needed real-time insight into hazard classifications, regulatory obligations, and market access risks, compliance planning, and document control.

The solution: Yordas Helix

The client deployed Yordas Helix, a ready-to-use regulatory intelligence platform. Key functionalities included:

- Mapping substances to applicable global regulations
- Classifying substances by hazard and restriction profiles
- Continuous monitoring through the Helix Notifier Module for emerging regulatory changes
- Leveraging the integrated SDS Manager to maintain accurate and compliant safety data sheets
- Accessing on-demand Regulatory Advice Services for expert support on complex compliance queries

The outcome

Helix enabled:

- Centralised chemical regulatory intelligence
- Real-time SDS management and compliance tracking
- Faster decision-making and reduced manual effort
- Ongoing access to expert guidance

Yordas Helix continues to support the client’s global compliance strategy with a single, scalable platform.

www.yordasgroup.com/yordas-helix

Case study 3

The flexible extension to your regulatory compliance team

The regulatory challenge

Our client is an international home improvement company who is required to comply with the chemical regulations for their products. They also aspire to reduce hazardous substances in their products beyond the minimal level that is required.

Our solution

We provide a number of services to the client, including regular notifications of changes to the chemical regulations that affect their products, and horizon scanning for future changes in the pipeline, to allow them to act quickly to substitute substances in good time, and sell through stocks before they must be removed from the shelves. In addition, we act as the flexible extension to their regulatory team, by providing advice on and interpretation of the chemical regulations, producing communications documents regarding chemical compliance to distribute through their supply chain, and contacting

the regulatory authorities on their behalf to clarify requirements in cases where the regulations are ambiguous, such as borderline products. We have also provided training to the client on product compliance for various product types used within their business and have produced product compliance assessments and hazard scorecards for various products.

yordasgroup.com/case-studies/extension-compliance-team

Case study 4

Global biocides and cosmetic regulatory project support

The client

Our client wanted to market several hygiene products in the following 19 countries: Canada, France, Italy, Japan, Saudi Arabia, South Korea, Spain, Belgium, The Netherlands, Qatar, UAE, Australia, Hong Kong, Poland, Romania, Brazil, Israel, Mexico and Singapore. The client needed to identify their regulatory obligations and costs for compliance to determine their next steps.

Scoping assessment

Our team of experts conducted a regulatory scoping assessment for each country of interest. The client wanted to understand which regulation would apply to their products if registration was required in each country and any applicable costs, timelines and requirements. The assessment included reviewing the client’s products, their composition presentation and claims to define the country-specific biocidal/ cosmetic product regulations applicable to their products.

www.yordasgroup.com/biocides

Staff selection

Rosalinda Gioia – Chief Scientific Officer

Rosalinda is an internationally recognised expert on ecotoxicology and is highly experienced in understanding chemical regulations. She has provided expert scientific advice and policy support to government regulators on chemical risk assessments relating to the oil and gas industry. Rosalinda project manages REACH lead registrations and biocides active substance approval and product authorisation dossiers. She also provides technical leadership and advice relating to the environmental fate of chemicals, and risk assessments in the aquatic environments.

Marianne Heckmann – Senior Regulatory Data and Integration Specialist

Marianne holds a PhD in Physics and brings over a decade of experience in global chemical control regulations, substance registration, and the implementation of compliance software. Before joining Yordas, she worked within the chemical industry, where she built hands-on expertise in navigating regulatory requirements and integrating compliance workflows into operational systems.

At Yordas, Marianne plays a central role in managing and evolving our regulatory compliance database. She ensures the seamless delivery of accurate, up-to-date data into client and partner systems, supporting the implementation of compliance strategies that are both scalable and efficient. With a deep understanding of ERP environments and product compliance platforms, Marianne bridges the gap between regulatory intelligence and digital execution, helping clients manage risk and maintain market access with confidence.

Alex Paul – VP Enterprise and Partnerships

Alex develops Yordas’ partnerships around the world. Since 2014, Yordas has established partnerships in China, South Korea, Thailand and Taiwan, and Alex leads this expansion as further South-East Asian and Latin American countries implement new chemical notification systems.

Neil Hunt – Principal

Neil heads Yordas Group’s services for nanomaterials, substance substitution, exposure scenarios and authorisation, running the training courses for the last two topics. Neil has been appointed to be a member of ECHA’s Partner Expert Group for the revision of the REACH guidance documents on recommendations for nanomaterials.



Contacts	
Website	www.biogenius.de
E-mail	info@biogenius.de
Head office	Technologie Park, Campus 1, Friedrich-Ebert-Straße 75, 51429 Bergisch Gladbach, Germany
Tel	+49 2204 83077 0 (fax: +49 2204 83077 11)
Contact	Alexander Brux
Ownership	Private company
Locations	Germany
Founded	2004

Overview

Since 2005, BioGenius has supported customers with expertise in international registration of biocides, plant protection products, and related segments. With state-of-the-art analytical and efficacy testing laboratories in Germany, we are a strong partner of the global chemical industry. Our competence lies in understanding customer needs, leveraging employee expertise, and creatively combining information and knowledge to provide high quality services.

Services provided

Analytical services and physico-chemical data (BPR and PPP Regulations)

BioGenius' GLP laboratories offer tailored analytical solutions for biocidal (PT1-22) and plant protection products, including:

- analytical method development and validation (SANCO);
- five-batch analysis (eg Article 95);
- storage stability studies (accelerated and ambient);
- application tests for solid, liquid and spray products;
- safety data packages; and
- analysis of residues, impurities and by-products.

Efficacy data for insecticides and repellents (PT18 and PT19)

As a leading European efficacy testing institute, BioGenius provides protocols for crawling and flying insect control, ensuring compliance with BPR and international regulations:

- field, laboratory and semi-field tests;
- dose response and screening tests for claim support;
- support/testing for product development; and
- in-house breeding of required insect species.

Technical consulting

Product registration requires adapting guidelines and testing methods to specific applications. Our expertise ensures tailored solutions for efficacy, shelf life, and physico-chemical data. Several products need to be analysed under specific conditions and adjusted methods, establishing these methods are one of our core competences.

Clients

With over 700 global customers, BioGenius brings extensive experience in biocides and plant protection products.



Contacts	
Website	www.chem-academy.com
E-mail	info@chem-academy.com
Head office	Bahnhofspatz 2, D-16321 Bernau bei Berlin, Germany
Tel	+49 3338 75157 0
Contact	Dr Bjoern Nehls
Ownership	Private company
Locations	Germany
Founded	2007

Overview

Chem-Academy provides conferences, seminars and workshops on current topics in the chemical industry and those related to it. Experienced speakers from operational practice, government/authorities and academia deliver the latest findings on current issues in their respective fields. Experts from the entire pipeline from manufacturing to downstream users as well as manufacturers of articles and service providers are represented at our events. Chem-Academy delivers specialist answers and advice that go beyond the general helpdesks, FAQ pages or complex legal texts.

Services provided

Hybrid conferences and courses on chemical regulation and implementation.

Clients

A wide variety of clients and delegates from industry, authorities and service providers.



Contacts	
Website	https://com4chem.de/en/about/
E-mail	info@com4chem.de
Head office	Chilehaus A, Fischertwiete 2, 20095 Hamburg, Germany
Tel/fax	+49 1736176387, +49 40 320 052 00 (fax)
Contact	Kerstin Heitmann
Ownership	Kerstin Heitmann
Locations	Hamburg
Founded	2020

Overview

We deal with issues relating to chemicals legislation on a daily basis. We have been involved with REACH, CLP and other regulations since 2001, when the first drafts for a new European Chemicals legislation were developed. During the course of our consultancy work, we can draw on many 'best practice' examples. We are also aware that company-wide solutions and cooperation agreements are becoming increasingly important. We can help, acting as a moderator and a coordinator.

European chemicals legislation is not a rigid structure. New or adapted concepts for restrictions and authorisation such as the "essential use concept" are expected with the upcoming REACH Revision. Furthermore, polymers shall become subject to notification and registration obligations. Other developments relate to legal provisions for individual substances, for example classification, restriction and authorisation. Com for Chem follows up these developments and discusses them with our extensive interdisciplinary network.

Services provided

- Technical and regulatory support for registrants, including lead registrants, consortia, co-registrants
- Chemical safety assessment (registration, DU CSR, application for authorisation)
- Strategic REACH consultation, compliance monitoring for substances, PPORD
- Substances in articles, SVHC and SCIP notifications
- In-house seminars, webinars and workshops

Clients

- REACH Selenium and Tellurium Consortium
- Metals producers and distributors including associations
- Paint manufacturers
- Polymer producers
- Producers of medical devices
- Chemicals distributors



Contacts	
Website	www.espheres.com
E-mail	Philip.capel@espheres.com
Head office	rue des Pères Blancs 4, 1040 Etterbeek, Brussels, Belgium
Tel	+32 (0)2 740 43 36/ +32 (0) 473 58 14 73
Contact	Philip Capel
Ownership	Private
Locations	Belgium
Founded	2011

Overview

eSpheres, a Solvay spin-out, delivers health, safety and environment (HSE) software services and solutions to international businesses. Our combination of specialised services, consulting and IT solutions, expertise on SAP®S4 and SAP®Product Compliance, and our partnership's help companies to improve their chemical product compliance. We can support directly with you or via your ICT solutions and services provider.

Services provided

SAP®EHS Consulting: eSpheres supports projects for corporate EHS and IT departments with adequate resources to maintain, support, operate and implement SAP®EHS and S4H into any organisation. Experts in SAP®EHS and HSE data management, we have developed IT-tools to facilitate the use of EHS systems. eSpheres implements and supports the SAP®EHS(M) modules; maintains Regulatory Content, implements SAP Poison Centre Notification software applications (3ENotify, Opesus EPN), SAP Product Compliance for S4HANA Modules: Risk Assessment, Chemical, Incident and Environment Management, to meet the requirements of Regulations (PCN, GHS, CLP...). Expertise in SDS authoring, product safety, product stewardship, vendor SDS management, label management, dangerous goods management, substance volume tracking, recipe management and recipe development.

Outsourced EHS regulatory content update (3ECompany, Sphera CE) for SDS authoring with SAP Product Safety or SAP Product Compliance.

SAP®EHS Training: Expert Rules and WWI templates creation, tailored SAP®EHS programs to modify, export and import EHS data from SDS.pdf into XML, JSON, CSV files, facilitating HSE data management with SAP®EHS.

Clients

Specialty chemicals, pharmaceuticals, paintings, steel and alloys, pulp and paper, polymers, microelectronic, semiconductor, chemicals distributors, SAP ICT service providers.



Contacts	
Website	www.eurideastranslation.com
E-mail	translation@eurideastranslation.com
Head office	Square de Meeüs 35, 1000 Brussels, Belgium
Tel	Tel +32 (0)2 808 4406
Contact	Kristina Bitvai
Ownership	Private company
Locations	Belgium, Germany, Hungary
Founded	2007

Overview

Eurideas Language Experts provides professional translation and interpreting services. We specialise in chemical, technical and medical translations, but cover other fields such as EU legislation, law, environment, health and more. Our native speaker chemical translators are experts in the REACH, CLP and BPR Regulations and other related EU, international and local legislation. We have extensive experience in translating SDSs, SPCs and other regulatory documents. We have developed our own unique methodology through years of translating chemical documents, and are therefore able to offer 60% discount for any repeated work.

Services provided

We provide translation, certified translation, machine translation (AI) with human post editing, proofreading, editing and layout services in all European and in many Asian, African and Latin American languages. Our linguists are always native speakers of the target languages and have background in the field of the translatable document. We translate SDSs, exposure scenarios, SPCs, labels, dossiers, reports, patents and marketing materials.

Clients

We have worked on REACH, BPR and other chemical-related projects for Arkema, Cefic, FEICA, Ecolab, Cidlines, Helleniq Energy Holdings, Solenis Switzerland, Glencore International, HELM AG, Rio Tinto, Wintershall, International Lead Association, Nickel Institute, Syngenta, DonauChem, JCDB Japan Chemical Database, Nissan Chemicals, Agrolab and many more.



Contacts	
Website	www.fobig.com
E-mail	info@fobig.de
Head office	KlarastraBe 63, 79106 Freiburg i Br, Germany
Tel	+49 761 386080
Contact	Jan Oltmanns
Ownership	Private company
Locations	Germany
Founded	1992

Overview

FoBiG is a consultancy with more than 30 years of experience in toxicological and ecotoxicological risk assessment, covering a wide variety of European regulatory areas such as REACH, CLP, BPR, OSH and food safety (including materials for food and drinking water contact). Our team of (eco)toxicologists not only prepares the relevant dossiers (eg for REACH registrations or applications for authorisation) but is constantly engaged in research projects for authorities, eg to further develop risk assessment methodologies for threshold and non-threshold substances alike.

Services provided

- Preparation of complete dossiers in the areas mentioned (and beyond) using the relevant tools, eg IUCLID and CHESAR for REACH (including CSRs)
- In-depth evaluation of (eco)toxicological data, eg for C&L (including new CLP hazard classes), reference value derivation (including dose-response modelling to establish PODs) and assessment of environmental fate, also for difficult-to-test substances
- Study monitoring of OECD TG (and non-guideline) studies for physico-chemical, environmental fate and (eco)toxicological endpoints
- Exposure modelling (also using higher tier tools, such as ART and ConsExpo) and in-depth evaluation of measured exposure data, including biomonitoring data
- Development of risk assessment methodologies
- Safety assessment of consumer products, food and drinking water contact materials as well as contaminants and residues in a large variety of regulatory contexts
- And many more (see website for details)

Clients

National (eg BAuA, UBA, BfR and RIVM) and European authorities (several European Commission DGs, EFSA and ECHA), chemical industry and a broad range of other stakeholders.



Contacts	
Website	www.infotox.pt
E-mail	info@infotox.pt
Head office	INFOTOX Lda, Rua de Moscavide 6D, Parque das Nações, 1990-160, Lisbon, Portugal
Tel	+ 351 218 063 659
Contact	Elsa Casimiro
Ownership	Private company
Locations	Portugal and UK
Founded	2004

Overview

Founded in 2004, INFOTOX is a specialist consulting company providing chemical regulation compliance, human health and environmental risk assessment and advisory services to the private and public sector.

Services provided

Our regulatory services include expert support for the biocidal products Regulation (BPR) cosmetic products Regulation, detergent Regulation, medical devices Regulation, Ecolabel, REACH, CLP/GHS, ADR and PIC in terms of:

- dossier data gap analysis;
- IUCLID dossier preparation for BPR and REACH;
- electronic submissions and updates (CPNP, PCN, ePIC, R4BP and REACH-IT);
- (eco)toxicological reviews and expert support (including QSAR);
- design of testing programmes (efficacy tests and (eco)toxicity);
- safety data sheets production, review and translation;
- reviewing and updating marketing/efficacy claims and product label;
- BPR specific services, including transitional period biocidal product registrations in the EU/UK, product assessment report (PAR), consortia for biocidal products and Article 95 listing of active substances;
- poison centre notifications in the EU/UK;
- Ecolabel dossier preparation and submissions;
- REACH specific services, for example only representative services and production of chemical safety reports (CSR); and
- cosmetic products specific services, including responsible person services, product information file (PIF) review and compilation and cosmetic product safety reports.

The services listed above are also available for UK regulations and submission platforms.

We also provide a wide range of environmental health services, including health impact studies for environmental impact assessment (EIA), soil clean-up, climate change projects and the Tobacco Products Directive.

Clients

Our clients include regulators, professional organisations, multinational companies and SMEs.



Contacts	
Website	www.LKC-ltd.com
E-mail	LKC@lkc-ltd.com
Head office	Postfach, Hauptstrasse, Fuellinsdorf, Switzerland
Tel	+41 61 906 8503
Contact	Matthew Kane
Ownership	Private company
Locations	Switzerland, UK and EU
Founded	2001

Overview

LKC provides European registration and development services to the international chemical and biochemical industry. The LKC team is multi-disciplined, offering both technical and regulatory experience, project management proficiency and strategy planning expertise. Speciality chemical manufacturing clients benefit from our range of scientific, technical and regulatory services to achieve the successful registration of substances and products for crop protection, biocides, veterinary medicines and industrial chemical uses.

Services provided

Technical and scientific: pre-and post-submission discussion with authorities, data assessment and compensation, registration success forecasting, maintenance and defence.

Regulatory: data gap analysis, data evaluation, data waiving, justifications, design, contract and management of data requirements, including higher tier studies, chemistry, analytical methodology, mammalian toxicology, ecotoxicology, environmental fate and efficacy studies, PEC reports and GLP multi-site residue studies. Conducting risk assessments and modelling for dietary, human and environmental exposures.

Dossiers: for active substance approval, product dossiers for national registrations, provisional and union authorisations and mutual recognition. CADDY.XML dossiers, IUCLID dossiers, registrations, renewals, PPPAMS, label extensions, EU import tolerances/MRLs, REACH and CLP dossiers.

Clients

LKC's clients are international speciality chemical and biochemical manufacturers that benefit from technical and regulatory services to compete and grow in major competitive market sectors including crop protection, public health, veterinary medicines and chemicals.



Contacts	
Website	www.cia.org.uk/reachready
E-mail	enquiries@reachready.co.uk
Head office	Kings Buildings, Smith Square, London SW1P 3JJ
Tel	+44 (0) 20 7901 1444
Contact	Rachel Nabudde
Ownership	REACHReady is a wholly owned subsidiary of the Chemical Industries Association
Founded	2006

Overview

REACHReady offers a confidential and comprehensive service to help businesses fulfil their specific chemical regulatory compliance needs for both the UK and EU REACH, CLP and BPR regulations.

Through REACHReady's robust training and consultancy services, businesses have access to expert ongoing technical helpdesk support and are kept up to date with chemical regulation developments through regular technical alerts and regulatory guidance documents on the member's area of our website.

Our webinars and face-to-face meetings, as well as services provided via our Approved Service Provider programme, give global manufacturers, importers, retailers and formulators access to a broad network of technical expertise within the chemical industries.

Our strong reputation and extensive experience of the chemical and downstream industries makes us the best choice for REACH, CLP and BPR services. Our understanding and knowledge of legislation stems from the in-depth involvement of our parent organisation, the Chemical Industries Association, in its development at every stage. Contact us today. www.cia.org.uk/reachready

Services provided

- **Helpdesk** – helpdesk, guidance documents and discounted training
- **Consultancy** – for members and non-members
- **Training** – online and onsite
- **Matchmaker** – Service Providers' referral

Clients

- Chemical manufacturers
- Formulators
- Downstream users of chemicals
- Article manufacturers
- Retailers
- Service providers



Contacts	
Website	www.sweco.fi
E-mail	sds@sweco.fi
Head office	Finland
Tel	+358 20 739 3000
Contact	Emilia Lier, +358 50 4119387
Ownership	Public company
Locations	Finland, Sweden, Belgium, Germany
Founded	1898

Overview

Sweco plans and designs the built environment and industry of the future. We offer our customers the right expertise for every need. Sweco is Europe's leading engineering and architecture consultancy with 18,000 employees and net sales of €2bn. There are more than 30 experts in the compliance team.

Services provided

- Chemical safety
- Product safety
- REACH
- Safety Data Sheets (SDS), CLP, Exposure Scenarios (ES)
- Biocides, BPR
- Toxicological and ecotoxicological risk assessments
- Cosmetics safety assessments
- Medical device compliance
- Food safety (HACCP, FSMS)
- Contact material safety
- Legal advice
- Regulatory services
- Process safety
- Machine safety
- Functional safety
- Risk analyses (HAZOP)
- SIL-verification
- Sustainability consultancy

Clients

Industry. Brand owners. Retail. Public organisations.



Contacts	
Website	www.scas-eu.be
E-mail	scaseurope07@scas-eu.be
Head office	SCAS Europe (Sumika Chemical Analysis Service), Leonardo da Vincilaan 19A Bus6 (MC Square Offices) B 1831 Diegem, Belgium
Tel	+32 (0)2 719 0475
Ownership	Sumika Chemical Analysis Service, Tokyo, Japan
Locations	For parent company: Japan, China, Singapore, Taiwan, South Korea
Founded	Founded parent company 1972; SCAS Europe 2007

Overview

Since 2007, SCAS Europe (SCASE) has grown to be one of the largest REACH OR service providers in the EU. SCASE also represents our Japanese parent company, Sumika Chemical Analysis Service (SCAS), which is a significant provider of chemical regulatory services in Asia. SCAS provides global notification and multi-regional registration capabilities from our offices in Japan. Countries serviced include Japan, China, Korea, Taiwan, Philippines, Australia, New Zealand and Turkey, as well as the UK, US and Canada.

SCAS is a major analytical service provider with laboratories in Japan, China, Korea and Singapore. Founded in 1972, SCAS has consistently satisfied its customers' requirements by providing the best analytical solutions in many industrial sectors.

Services provided

EU REACH registration and OR for Asia clients; Asia chemical regulation support for Asia and Western clients.

Clients

Our clients work in many sectors, with manufacturers and downstream users in industries including chemicals, petrochemicals, electronics, pharmaceuticals, automotive, paint, ink, rubber, fibre and others.



Contacts	
Website	www.tox-consult.de/
E-mail	info@tox-consult.de
Head office	Hülser Straße 283, 47803 Krefeld, Germany
Tel	+49 (0)2151 / 78 42 563
Contact	Dr Joachim Haselbach
Ownership	Private company
Locations	Germany
Founded	2004

Overview

ATC GmbH (Applied Tox-Consult) is an independent consulting company that was founded by Dr Joachim Haselbach in 2004. Our core competence is to support our clients in the evaluation of all kinds of toxicological/ecological safety issues relevant for humans and the environment. Our goal is to provide comprehensive yet personalised solutions that fulfill essential legal obligations for ensuring product safety.

Services provided

Our strength lies in our extensive service capabilities based upon our competence in all toxicological/ecological disciplines. We are focused on various legal areas and assess the safety, and if needed, the marketability of all kinds of consumer and industrial products. These include, cosmetics, medical devices, detergents and articles for daily use, ie sanitary hygiene products, clothing and packaging materials.

Our greatest strength lies in fostering trusting collaboration with our clients, leading to optimal and high-quality solutions tailored to individual needs. We cover:

- consumer goods and articles;
- cosmetic products, personal hygiene products;
- medical devices;
- detergents;
- extractables and leachables;
- novel food;
- food contact materials;
- recycled plastic materials;
- REACH and CLP (EU), REACH UK; and
- compliance check according to product safety regulation (Regulation (EU) 2023/988).

Clients

We operate both domestically and internationally, serving individuals, small businesses, medium-sized enterprises, large corporations, public institutions, as well as law and insurance firms.

Our staff comprises chemists, biologists, toxicological experts (expert toxicologist ("Fachtoxikologe") of the German Society of Pharmacology and Toxicology (DGPT), publicly authorised experts ("Sachverständiger") for Toxicology and Toxicological Risk Assessments.



Achieve **compliance**, manage **risk**, and drive **sustainability**.

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- Product Intelligence for safer products
- Sustainable Chemistry for safer chemicals
- Corporate Sustainability for smarter strategy

Learn more

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							Consultancy/advisory Representation /management Legal services Laboratory services IT & software solutions Information services Training Equipment Emergency response Inspection & verification Other(s)
Organisation	Page	Headquarters	Other locations	Global staff	Chemical staff		
Icc GmbH		Germany	US	25-50	2-5	●	
24-7 Response		UK		50-100	10-25	●	
3E		US	US, Canada, Europe, Asia	100-500	100-500	●	
3S-SafelyServingScience		Greece		2-5	2-5	●	
Accenture		Belgium		5,000 plus		●	
Acta	60	US	UK, Belgium	25-50	25-50	●	
Active Steward		UK	Belgium	25-50	25-50		
Aegis Regulatory Inc		Canada		2-5	2-5	●	
Aequor, Inc.		US	US, UK	2-5	2-5		
AG-HERA		UK	UK	2-5	2-5	●	
AGREXIS AG		Switzerland		5-10	5-10	●	
Alchemy Compliance Ltd.		UK	UK	1	1	●	
Alemare Solutions Limited		UK		2-5		1	
ALSTER Consulting > Chemical Compliance		Germany		1	1	●	
Altortox Academy		Belgium		2-5	2-5	●	
Alttox a/s		Denmark		2-5	2-5	●	
AMEC (now Wood plc)		UK	Germany, Netherlands, US	2,000-5,000	25-50	●	
Anderson Materials Evaluation, Inc.		US		2-5	2-5	●	
Anrray Test Co., Ltd.		China		25-50	10-25	●	
Antea Group		US	Europe, Colombia, Africa	5,000 plus	100-500	●	
Anthesis Group		UK	Europe, N. America, China, Philippines	100-500	5-10	●	
Apeiron-Team NV	62	Belgium		10-25	10-25	●	
Arcadis	64	The Netherlands	Belgium, Germany, Spain, India, US, Canada	5,000 plus	50-100	●	
Arcerion GmbH	66	Germany		10-25	10-25	●	
ARCHE Consulting	68	Belgium	Poland and Portugal	25-50	25-50	●	
Arrow Regulatory Ltd	70	UK	Ireland, Austria	10-25	10-25	●	
Artemisa d.o.o.	72	Slovenia	Slovakia, Poland, Hungary, Croatia, Romania	10-25	10-25	●	
Asia Inspection (now QIMA)		Hong Kong	China, US	1,000-2,000	50-100		
Assent Compliance		Canada	United States, Amsterdam, Kenya, Malaysia	100-500	100-500	●	
asseso AG		Germany		5-10	5-10	●	
ATOUT REACH		France		2-5	2-5	●	
Auxilife Scientific Services Pvt. Ltd		India	No	10-25	10-25	●	
Ayansan Chemical Consultancy Ltd. Co.		Turkey	Hungary	5-10	5-10	●	
Battelle UK Ltd		UK	Switzerland, US	100-500	100-500	●	
Baytouch Ltd		UK	US	5-10	5-10	●	
Beijing BoardingCard Chemical Consulting Co., Ltd.		China		10-25	10-25	●	
Benchmark Digital		US		100-500			
Beveridge & Diamond, PC		US		50-100	10-25	●	
bibra toxicology advice & consulting		UK		10-25	10-25	●	
BIG vzw		Belgium		25-50	25-50	●	
BioDetection Systems bv		Nederland		10-25	5-10	●	
BioGenius GmbH	144	Germany		25-50	10-25	●	
BioQuanta		France	Japan, Thailand, US	25-50	10-25	●	
BIOVIA, Dassault Systemes		US		25-50	25-50	●	
Bird & Bird LLP		Belgium		500-1000	2-5	●	
Blue Frog Scientific Group	74	UK	France	25-50	10-25	●	
bluesign technologies ag		Switzerland	Germany, HK, representatives globally	50-100	5-10	●	
Bootman Chemical Safety Ltd.		UK	Republic of Ireland	2-5	2-5	●	
Borenius & Kempainen, Attorneys at law Ltd		Finland		100-500	5-10	●	
Bristol Environmental		US		100-500	100-500		
Buckman		US		2,000-5,000		●	
Bureau for Chemical Engineering TB-Klade		Austria		1	1	●	
Bureau Veritas		Denmark	China, Hong Kong, France, Germany, US	5,000 plus	50-100	●	
Burges Salmon LLP		UK		500-1000	2-5	●	
Butterworth Laboratories Ltd		UK		50-100	50-100	●	
CAAT-Europe		Italy	Germany	10-25	5-10	●	
Cambridge Environmental Assessments		UK	Republic of Ireland	5,000 plus	25-50	●	
Cardno ChemRisk		San Francisco, CA, US		100-500	100-500	●	
CE way		Slovenia		2-5	2-5	●	
Cefas		UK		500-1000	25-50	●	
CEHTRA		France	Belgium, Germany, Spain, UK, India, Canada, Luxemburg	50-100	25-50	●	
Centro Reach Srl		Italy		2-5	2-5	●	
CERM		US		5-10	2-5	●	
CGI		Canada	US, France	5,000 plus	100-500	●	
Charles River		US	UK, Netherlands, France, Hungary	5,000 plus	100-500	●	
CHD Global		Turkey		5-10	5-10	●	
Chem-Academy	144	Germany	Germany	10-25	5-10	●	
ChemAlert (RMT)		Australia				●	
CHEMDOX	76	Austria	US	50-100	10-25	●	
Chementors Ltd		Finland	China, Vietnam	50-100	5-10	●	
Chemex Environmental International Ltd		UK		10-25	10-25	●	
ChemFORWARD		US	None	5-10		●	
ChemHaz Solutions		Ireland		1	1	●	
Chemical Check GmbH		Germany		50-100	25-50	●	
Chemical Compliance		DE	Germany	1	1	●	

Key: Icons above represent the percent breakdown of services provided by each firm as follows:
● >60% ● 40-60% ● 20-40% ● 5-20% > 5%

	Focus of activities															Regulatory expertise												Further information							
Organisation	Industrial chemicals	Agrochemicals	Medical & pharmaceuticals	Biotechnology	Biocides	Personal care (inc. cosmetics)	Veterinary medicine	Electrical and electronics	Toys/children's products	Aerospace, automotive & engineering	Construction	Textiles & apparel	Cleaning products	Medical devices	Food (contact)	Occupational	REACH	Global chemical notifications	CLP	GHS-based regulations	New TSCA/LCSA	Biocidal products Regulation	EU cosmetics Regulation	Agrochemical registrations	Food contact	RoHS	Toy Safety Directive		Medical devices Regulation	CMD	CAD	COSHH	US HCS		
Icc GmbH	■				■										■		■	■	■	■	■	■											www.icc-consulting.com		
24-7 Response																	■	■	■	■	■	■	■	■	■	■	■	■					www.24-7response.org		
3E	■	■	■	■	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				■	■	■	■		■	■		www.3Eco.com	
3S-SafelyServingScience	■	■	■	■	■								■				■	■	■	■	■	■	■	■	■								www.3s-chem.gr		
Accenture	■	■	■	■	■		■										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.accenture.com	
Acta	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.actagroup.com	
Active Steward	■	■		■	■	■							■		■		■	■	■	■	■	■	■	■	■	■					■		www.activesteward.com		
Aegis Regulatory Inc	■	■	■	■	■												■	■	■	■	■	■	■	■									www.aegisreg.com		
Aequor, Inc.	■	■	■	■	■					■		■	■					■	■	■	■	■	■	■	■								■	www.aequorinc.com	
AG-HERA	■	■	■	■	■												■	■	■	■	■	■	■	■									www.ag-hera.com		
AGREXIS AG	■	■	■	■	■												■	■	■	■	■	■	■	■									www.agrexis.com		
Alchemy Compliance Ltd.	■	■															■	■	■	■	■	■	■	■						■	■		www.alchemycompliance.com		
Alemare Solutions Limited	■	■	■										■				■	■	■	■	■	■	■	■							■		www.alemare.co.uk		
ALSTER Consulting > Chemical Compliance						■											■	■	■	■	■	■	■	■									www.alster-consulting.eu		
Altortox Academy	■	■	■	■	■	■							■	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.academy.altortox.be	
Alttox a/s	■	■		■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				■		www.alttox.dk	
AMEC (now Wood plc)	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■								www.woodplc.com		
Anderson Materials Evaluation, Inc.	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					www.andersonmaterials.com	
Anrray Test Co., Ltd.	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.anrraytest.com	
Antea Group	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.anteagroup.com	
Anthesis Group	■	■	■	■	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.anthesisgroup.com
Apeiron-Team NV	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.apeiron-team.eu	
Arcadis	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.arcadis.com	
Arcerion GmbH	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.arcerion.com	
ARCHE Consulting	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.arche-consulting.be	
Arrow Regulatory Ltd	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.arrowregulatory.com	
Artemisa d.o.o.	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.artemisa.si	
Asia Inspection (now QIMA)	■	■				■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					www.qima.com	
Assent Compliance	■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					www.assentcompliance.com	
asseso AG	■	■			■												■	■	■	■	■	■	■	■	■	■	■	■		■	■		www.asseso.eu		
ATOUT REACH	■	■				■											■	■	■	■	■	■	■	■	■	■	■	■						www.atoutreach.fr/service-atout-reach	
Auxilife Scientific Services Pvt. Ltd	■	■	■										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.auxilife.com	
Ayansan Chemical Consultancy Ltd. Co.	■	■	■										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.ayansasa.com	
Battelle UK Ltd	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.battelleuk.com	
Baytouch Ltd	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.baytouch.com	
Beijing BoardingCard Chemical Consulting Co., Ltd.	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bjboardingcard.com	
Benchmark Digital	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■						https://benchmarkdigitalesg.com/	
Beveridge & Diamond, PC	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bdlaw.com	
bibra toxicology advice & consulting	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bibra-information.co.uk	
BIG vzw	■	■	■	■	■					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■						www.big.be	
BioDetection Systems bv	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.biodetectionsystems.nl	
BioGenius GmbH	■	■	■	■	■								■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.biogenius.de	
BioQuanta	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bioquanta.net	
BIOVIA, Dassault Systemes	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.3ds.com/products-services/biovia	
Bird & Bird LLP	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.twobirds.com	
Blue Frog Scientific Group	■	■	■	■	■										■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bluefrogscientific.com	
bluesign technologies ag	■	■	■	■	■								■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bluesign.com	
Bootman Chemical Safety Ltd.	■	■	■		■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bootmanchem.com	
Borenius & Kemppinen, Attorneys at law Ltd	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.borenius.com	
Bristol Environmental	■	■		■													■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bristolenvironmental.com	
Buckman	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.buckman.com	
Bureau for Chemical Engineering TB-Klade	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.tb-klade.at	
Bureau Veritas	■	■				■											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.bureauveritas.dk/en	
Burges Salmon LLP	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.burges-salmon.com	
Butterworth Laboratories Ltd	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.butterworth-labs.co.uk	
CAAT-Europe	■	■	■	■	■												■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.biologie.uni-konstanz.de/leist/caat-europe	
Cambridge Environmental Assessments	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			

Key: Icons above represent the percent breakdown of services provided by each firm as follows:
 >60% 40-60% 20-40% 5-20% <5%

Key: Icons above represent the percentage breakdown of services provided by each company as follows:

- Core service
- Service that is occasionally provided
- Service provided by partners and third parties

							Consultancy/advisory Representation /management Legal services Laboratory services IT & software solutions Information services Training Equipment Emergency response Inspection & verification Other(s)
Organisation	Page	Headquarters	Other locations	Global staff	Chemical staff		
EcoOnline		Norway	Sweden, Finland, Denmark, Switzerland	50-100	5-10	⬢	
Ecotox Services Australia		Australia		5-10	5-10		⬢
ECT Oekotoxikologie GmbH		Germany		25-50	25-50	⬢	⬢
Edif ERA (now Rina)		UK		100-500	5-10	⬢	
EHSCareers		US		5-10	2-5		⬢
elc group		UK	Czech Republic, India, Romania	50-100	10-25	⬢	⬢
Elements Advisory		Belgium		2-5	2-5	⬢	⬢
Elemica		US	Europe, Asia	100-500	100-500		⬢
Envigo		US	Offices in 14 countries worldwide	2,000-5,000	500-1,000	⬢	⬢
Enviresearch		UK		10-25	10-25	⬢	⬢
Enviresearch Ltd		UK	Portugal	10-25	10-25	⬢	
Environmental Assessments		Germany	Sweden	2-5	2-5	⬢	⬢
Environmental Science Group		UK		2-5	2-5	⬢	⬢
EnviroPlanning AB		Sweden		5-10	2-5	⬢	
epos Software & Service AG		Germany		25-50	10-25		⬢
EPP		UK		25-50	25-50		⬢
EquiTox		France		5-10	5-10	⬢	⬢
▶ ERBC	90	France					⬢
▶ ERM	92	UK	Worldwide offices	5,000 plus	100-500	⬢	⬢
eSpheres	144	Belgium	Finland, Germany	5-10	5-10	⬢	⬢
ETC		Slovakia		10-25	5-10	⬢	⬢
EUPHOR		US		50-100	10-25	⬢	⬢
Eurideas Language Experts	145	Belgium	Hungary, Germany	10-25	10-25	⬢	⬢
Euro Safety and Health		UK		2-5	2-5	⬢	⬢
▶ Eurofins	94	Belgium	Germany, UK, Denmark, US, China, India & Australia	5,000 plus	5,000 plus	⬢	⬢
Eurofins Air Toxics		US	Denmark, Germany, France, China	5,000 plus	2,000-5,000		⬢
Eurofins Consumer Product Testing UK		United Kingdon				⬢	⬢
Eurofins EAG Laboratories		US	China, France, Germany, Japan, Singapore, Taiwan	1,000-2,000	100-500	⬢	⬢
Eurofins Product Testing A/S		Denmark	Europe, China, US	5,000 plus	100-500	⬢	⬢
Eversheds Sutherland		UK	Europe, Middle East, Asia	2,000-5,000	25-50		⬢
Exitss		Belgium		10-25	2-5	⬢	⬢
Exponent International Limited		UK	US, Ireland, London, Switzerland, China	500-1,000	50-100	⬢	⬢
f_OXYDE GmbH		Austria		5-10	2-5	⬢	⬢
Fanwood Chemical, Inc		US	Germany	2-5	2-5	⬢	
Fera Science Ltd		UK		100-500	25-50	⬢	⬢
Fieldfisher (Belgium) LLP		UK	Belgium, France, Germany, Italy, Spain	1500-2000	10-25	⬢	⬢
FinnREACH		Finland		2-5	2-5	⬢	⬢
Flashpoint srl		Italy		10-25	5-10	⬢	⬢
FoBIG	145	Germany		10-25	10-25	⬢	⬢
Foodchain ID		US	Germany, Thailand, Chile	50-100	10-25	⬢	⬢
Formulator Software LLC		US		5-10	5-10		⬢
Fraunhofer ITEM		Germany		100-500	25-50	⬢	⬢
GAB Consulting (SynTech Research Group)		Germany	Italy, Cyprus, Slovenia, Spain, Poland	50-100	50-100	⬢	⬢
▶ GBK GmbH Global Regulatory Compliance	96	Germany		25-50	10-25	⬢	⬢
GHD		US	Australia, Canada, Chile, New Zealand, UK	5,000 plus	100-500	⬢	
GHS-expert Ltd		Hungary		1	1	⬢	⬢
GlobalMSDS		UK		5-10	5-10	⬢	⬢
GLTaC, Inc.		US		10-25		⬢	⬢
▶ GPC Consulting	98	Sweden	Ukraine, India, South Korea, Ireland, UK, Taiwan and Turkey	100-500	100-500	⬢	⬢
Gradient		US		100-500	50-100	⬢	
▶ Greenberg Traurig LLP	100	US		2,000-5,000	100-500		⬢
GreenSoft Technology, Inc		US	Taiwan, Japan, China, Spain	50-100	50-100		⬢
Greenwich Chemical Consulting		US		1	1	⬢	
Grow Smart Chemical Compliance		Romania		2-5	2-5	⬢	⬢
▶ H2 Compliance	102	Ireland	US, UK, Poland, Finland, India	100-500	25-50	⬢	⬢
Haley & Aldrich, Inc.		US		500-1000	10-25	⬢	⬢
HAZMAT Ltd		Israel	UK	25-50	10-25	⬢	⬢
Herbert Smith Freehills		UK		2,000-5,000	2-5		⬢
Hibiscus Plc		UK		25-50	25-50		⬢
Hohenstein		Germany	Bangladesh, China, Hong Kong, US, India	1,000-2,000	100-500	⬢	⬢
Hunton Andrews Kurth LLP		Belgium	US	5,000 plus	1,000-2,000	⬢	⬢
ibacon GmbH		Germany		100-500	100-500	⬢	⬢
ICB Pharma		Poland		50-100	25-50	⬢	⬢
ICF		US	Belgium, Brazil, China, Russia, India	2,000-5,000	50-100	⬢	
IDRG (International Development of Regulatory Globalization)		Germany		2-5	2-5	⬢	⬢
IES Ltd		Switzerland		50-100	2-5	⬢	⬢
imds professional GmbH & Co. KG		Germany	France Italy Spain Brazil	25-50	5-10	⬢	⬢
INERIS		France		500 - 1,000	100-500	⬢	⬢
INFOTOX	145	Portugal	UK	5-10	5-10	⬢	⬢
INSCX exchange		UK	US, Turkey	5-10	2-5	⬢	⬢
International Cosmetics & Chemical Services Ltd		US	UK	5-10	5-10	⬢	⬢
Intersolia		Sweden	Germany, UK, Denmark, Serbia	100-500	10-25	⬢	⬢
Intertek		UK	T1+ Countries	5,000 plus	5,000 plus	⬢	⬢

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⬢ >60% ⬢ 40-60% ⬢ 20-40% ⬢ 5-20% ⬢ <5%

Organisation	Focus of activities																	Regulatory expertise																	Further information	
	Industrial chemicals	Agrochemicals	Medical & pharmaceuticals	Biotechnology	Biocides	Personal care (inc. cosmetics)	Veterinary medicine	Electrical and electronics	Toys/children's products	Aerospace, automotive & engineering	Construction	Textiles & apparel	Cleaning products	Medical devices	Food (contact)	Occupational	REACH	Global chemical notifications	CLP	GHS-based regulations	New TSCA/LCSA	Biocidal products regulation	EU cosmetics Regulation	Agrochemical registrations	Food contact	RoHS	Toy Safety Directive	Medical devices Regulation	CMD	CAD	COSHH	US HCS				
EcoOnline	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.ecoonline.com	
Ecotox Services Australia	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.ecotox.com.au	
ECT OekoToxikologie GmbH	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.ect.de	
Edif ERA (now Rina)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.rina.org/en	
EHSCareers	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.ehscareers.com	
elc group	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.elc-group.com	
Elements Advisory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.elements-advisory.be	
Elemica	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.elemica.com	
Envigo	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.envigo.com	
Enviresearch	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.enviresearch.com	
Enviresearch Ltd	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.enviresearch.com/	
Environmental Assessments	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.enas-online.com	
Environmental Science Group	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	https://envsciencegroup.com/	
EnviroPlanning AB	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.enviroplanning.se/en	
epos Software & Service AG	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.gefahrstoff.com	
EPP	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.eppltd.com	
EquiTox	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.equitox.eu	
ERBC	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.erbc-group.com/	
ERM	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.erm.com	
eSpheres	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.espheres.com	
ETC	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.ekotox.sk	
EUPHOR	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.euphoreach.com	
Eurideas Language Experts	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.eurideastranslation.com	
Euro Safety and Health	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.eurosh.com
Eurofins	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.eurofins.com	
Eurofins Air Toxics	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.airtoxics.com	
Eurofins Consumer Product Testing UK	■	■	■	■	■	■	■	■	■	■	■	■	■	■																						

Key: Icons above represent the percent breakdown of services provided by each firm as follows:
● >60% ● 40-60% ● 20-40% ● 5-20% ● <5%

Key: Icons above represent the percentage breakdown of services provided by each company as follows:

- Core service
- Service that is occasionally provided
- Service provided by partners and third parties

Key: Icons above represent the percent breakdown of services provided by each firm as follows:
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Key: Icons above represent the percentage breakdown of services provided by each company as follows:

- Core service
- Service that is occasionally provided
- Service provided by partners and third parties

						Consultancy/advisory Representation/management Legal services Laboratory services IT & software solutions Information services Training Equipment Emergency response Inspection & verification Other(s)									
Organisation	Page	Headquarters	Other locations	Global staff	Chemical staff										
Tenviro		Sweden	The Netherlands	1	1	●	●	●			●	●			
TERRA-The Electronics Reuse & Recycling Alliance		US	US	2-5	2-5	●									
Tetra Tech		US	Germany, Canada, UK	5,000 plus	25-50	●	●			●	●	●			
The Chemical Compliance Coach		The Netherlands	Spain	2-5	2-5	●	●				●	●			
The Isosceles Group		US		10-25	10-25	●	●			●	●	●			
The Martec Group		US	Germany, China, Japan, Brazil, Chile	50-100	1	●									
The Redstone Group		US	The Netherlands	10-25	10-25	●									
the SDS factory de VIB fabriek		The Netherlands	UK, Germany, Belgium	2-5	2-5	●				●		●			
The Windsor Consulting Group, Inc.		US		5-10	2-5	●	●	●			●	●			●
TJS Technical Services Inc.		Canada		2-5	1	●									
TO21 Co. Ltd.		South Korea		50-100	25-50	●				●	●				●
Tox Focus LLC		US		1	1	●					●	●			
toXcel		UK	US	25-50	10-25	●	●		●	●	●	●			●
ToxConsult	146	Germany		5-10		●	●				●	●			
► Toxicon Srl	132	Italy		10-25	5-10	●	●	●	●	●	●	●	●	●	●
Toxi-Coop Toxicological Research Centre Ltd.		Hungary	Switzerland, US	50-100	25-50	●			●						
Toxikon (Labcorp)		US	Belgium	100-500	5-10	●			●						
TOXIT & S-IN Soluzioni Informatiche Srl		Italy		10-25	2-5	●				●	●	●			
ToxMinds		Belgium	India, Germany	10-25	10-25	●	●				●	●			
ToxServices LLC		US	United Kingdom	25-50	10-25	●		●		●	●	●			
ToxStrategies		US		25-50	5-10	●	●				●	●			
TraceGains		US		25-50	25-50					●					
Trade Wind B.V.		The Netherlands	Uited States of America	5-10	5-10	●				●					
Tradebe UK		UK	Spain, US, France	1,000-2,000	500-1000	●	●			●					
TRASYS		Belgium	Europe	500-1000	50-100	●	●			●		●			
Triskelion		The Netherlands	Japan, US, Canada (sales offices)	100-500	100-500	●	●			●					
► TSG Consulting	134	England	France, Germany, Spain, US, Canada	100-500		●									
TÜV SÜD Industrie Service GmbH		Germany	Japan, Singapore, China, United Kingdom, EU	5,000 plus	50-100	●	●		●	●	●	●			
UetlibergPartners GmbH		Switzerland		2-5	2-5	●									
► UL Solutions	136	US	UK, Germany, France, Belgium, China, Japan	5,000 plus	1,000-2,000	●				●	●	●			
► UMCO GmbH	138	Germany		50-100	25-50	●	●	●		●	●	●	●	●	●
Universit Bordeaux Segalen		France		500-1,000	100-500	●	●	●	●	●	●	●	●	●	●
Vanta Bioscience		India		25-50	10-25					●					
Veeva Systems		United States	Canada, France, United Kingdom, Germany, Spain, Hungary, China, South Korea, Japan, India, Singapore, Brasil, Australia	5,000 plus	100-500					●					
VelocityEHS		US				●				●	●	●			
Verdant Law, PLLC		US		5-10	5-10	●	●	●			●	●			●
► Vitis Regulatory	140	UK	Belgium, Germany	25-50	25-50	●	●			●	●	●	●	●	●
VITO NV team EHS Toxicology Services		Belgium		10-25	10-25	●	●		●	●	●	●			
Vivotecnia Research		Spain		50-100	25-50					●					
Von Roll REACH GmbH		Germany		2-5	2-5	●	●					●			
VRS Regulatory		UK		5-10	2-5	●									
W.E. Train Consulting		US		2-5	1	●						●			●
wca environment		UK	Scotland, Italy	10-25	10-25	●	●								
Wercs Professional Services		US	Belgium, Germany, China, Japan	100-500	10-25	●				●					
WIL Research		US	The Netherlands	1,000-2,000	100-500	●		●		●					
Wildlife International, a Division of EAG, Inc		US	The Netherlands	100-500	50-100	●				●			●		●
Wiley		US		100-500	10-25	●	●		●		●	●			
WILLIAM WILSON Wyeside Consulting Ltd		UK		2-5	1	●	●								
Womble Bond Dickinson (UK) LLP		UK	United States	1,000-2,000	50-100		●			●					
WRc plc		UK		100-500	10-25	●	●				●	●			
WSP UK Ltd		UK	Wordwide	5,000 plus	25-50	●	●			●	●	●			
WTConsulting		Switzerland		5-10	5-10	●					●	●			
XCellIR8		UK		10-25	10-25	●				●					
YASH Technologies		US	Europe, Asia, Australia	2,000-5,000	50-100	●				●	●	●			●
► Yordas Group	142	UK	Germany, Canada, Turkey, Japan, Ukraine	100-500	100-500	●	●	●	●	●	●	●	●	●	●
Zanos Ltd		UK		5-10	2-5	●									

Key: Icons above represent the percent breakdown of services provided by each firm as follows:
● >60% ● 40-60% ▶ 20-40% ▶ 5-20% > <5%

	Focus of activities															Regulatory expertise																			
	Industrial chemicals	Agrochemicals	Medical & pharmaceuticals	Biotechnology	Biocides	Personal care (inc. cosmetics)	Veterinary medicine	Electrical and electronics	Toys/children's products	Aerospace, automotive & engineering	Construction	Textiles & apparel	Cleaning products	Medical devices	Food (contact)	Occupational	REACH	Global chemical notifications	CLP	GHS-based regulations	New TSCA/LCSA	Biocidal products Regulation	EU cosmetics Regulation	Agrochemical registrations	Food contact	RoHS	Toy Safety Directive	Medical devices Regulation	CMD	CAD	COSHH	US LCS			
Organisation	Industrial chemicals	Agrochemicals	Medical & pharmaceuticals	Biotechnology	Biocides	Personal care (inc. cosmetics)	Veterinary medicine	Electrical and electronics	Toys/children's products	Aerospace, automotive & engineering	Construction	Textiles & apparel	Cleaning products	Medical devices	Food (contact)	Occupational	REACH	Global chemical notifications	CLP	GHS-based regulations	New TSCA/LCSA	Biocidal products Regulation	EU cosmetics Regulation	Agrochemical registrations	Food contact	RoHS	Toy Safety Directive	Medical devices Regulation	CMD	CAD	COSHH	US LCS	Further information		
Tenviro	■	■	■	■	■												■	■	■	■	■	■	■	■	■								www.tenviro.eu		
TERRA-The Electronics Reuse & Recycling Alliance							■																										www.jointerra.org/		
Tetra Tech	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■								www.tetrattech.com		
The Chemical Compliance Coach	■	■				■		■					■					■	■	■	■	■	■	■	■			■					www.thechemicalcompliancecoach.com		
The Isosceles Group			■	■				■			■	■	■	■	■	■						■	■	■	■	■				■	■		www.theisogroup.com		
The Martec Group	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■				■	■	■	■	■			■				www.martecgroup.com		
The Redstone Group	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■														■	■		www.redstonegrp.com		
the SDS factory de VIB fabriek	■	■	■		■							■					■	■		■	■	■	■	■	■				■	■		■	www.theSDSfactory.com www.deViBFabriek.nl		
The Windsor Consulting Group, Inc.	■	■	■	■	■	■												■	■	■	■	■	■	■	■								www.windsgroup.wix.com/ windscounselinggroup www.tjstechnical.com		
TJS Technical Services Inc.							■	■	■				■					■	■	■	■	■	■	■	■			■	■	■					
TO21 Co. Ltd.	■	■	■	■	■	■		■	■		■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	www.to21co.kr	
Tox Focus LLC	■	■		■	■	■		■	■	■	■	■	■	■	■	■																	www.toxfocus.com		
toXcel	■	■		■	■	■		■	■	■	■	■	■	■	■	■																	www.toxcel.com		
ToxConsult	■	■	■	■	■	■		■													■	■	■	■	■	■							www.tox-consult.de/		
Toxicon Srl	■	■	■	■	■	■		■													■	■	■	■	■	■							www.toxicon.it		
Toxi-Coop Toxicological Research Centre Ltd.	■	■	■	■	■	■		■					■	■	■	■		■	■	■	■	■	■	■	■	■			■				www.toxicoop.com		
Toxikon (Labcorp)	■	■	■	■	■	■		■					■	■	■	■		■	■	■	■	■	■	■	■	■							https://medtech.labcorp.com/		
TOXIT & S-IN Soluzioni Informatiche Srl	■	■		■	■	■																						■					www.toxit.it/en/		
ToxMinds													■	■	■	■		■			■	■	■	■	■	■							www.toxminds.com		
ToxServices LLC	■	■																										■	■		■	■		www.toxservices.com	
ToxStrategies	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■				■	■	■	■	www.toxstrategies.com	
TraceGains																																		www.tracegains.com	
Trade Wind B.V.	■	■	■	■	■	■			■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.twm.nl	
Tradebe UK	■	■	■	■	■	■			■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.tradebe.co.uk
TRASYS	■	■	■		■	■												■	■	■	■	■	■	■	■	■							www.trasys.be		
Triskelion	■	■	■	■	■	■												■	■	■	■	■	■	■	■	■							www.triskelion.nl		
TSG Consulting	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		www.tsgconsulting.com
TÜV SÜD Industrie Service GmbH	■	■	■		■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■			■				www.tuvsud.com/de-reach	
UetlibergPartners GmbH						■		■	■	■	■	■	■	■	■	■																	www.uetlibergpartners.com		
UL Solutions	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■							www.ul.com	
UMCO GmbH	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■			■	■	■	■		www.umco.de	
Universit Bordeaux Segalen	■	■	■	■	■	■		■										■	■	■	■	■	■	■	■	■							www.u-bordeaux.com		
Vanta Bioscience	■	■	■	■	■	■																											www.vantabio.com		
Veeva Systems	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.industries.veeva.com/chemical	
VelocityEHS	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■					■	■	ehs.com		
Verdant Law, PLLC	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■		■	■	■	■	■	■			■	■	■	■		www.verdantlaw.com	
Vitis Regulatory	■					■												■	■	■	■	■	■	■	■	■							www.vitisregulatory.com		
VITO NV team EHS Toxicology Services	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■			■	■	■	■	■	■	■	■	■	■	■	■	https://ehs.vito.be/	
Vivotecnia Research	■	■	■	■	■	■												■	■	■		■	■	■	■	■							www.vivotecnia.com		
Von Roll REACH GmbH	■																																	www.vonroll.com	
VRS Regulatory				■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■			■		www.vrs-regulatory.net	
W.E. Train Consulting	■	■	■	■	■	■															■	■	■	■	■	■							www.WetrainConsulting.com		
wca environment	■	■	■	■	■	■												■	■	■	■	■	■	■	■	■							www.wca-consulting.com		
Weracs Professional Services																		■	■	■	■	■	■	■	■	■							www.theweracs.com		
WIL Research	■	■	■	■	■	■																											www.wilresearch.com		
Wildlife International, a Division of EAG, Inc	■	■	■	■	■	■												■	■	■	■	■	■	■	■	■							www.wildlifeinternational.com		
Wiley	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■						www.wiley.law	
WILLIAM WILSON Wyeside Consulting Ltd	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■					www.wyesideconsulting.com	
Womble Bond Dickinson (UK) LLP	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.womblebonddickinson.com/uk/sectors/manufacturing/chemicals	
WRC plc	■	■	■	■	■	■												■	■	■	■	■	■	■	■	■							www.wrcgroup.com		
WSP UK Ltd	■	■	■				■	■	■	■	■	■	■	■	■	■									■	■	■	■	■			■	■	www.wsp.com	
WTConsulting	■	■	■	■	■	■																■	■	■	■	■							www.wtconsulting.ch		
XCelliR8	■	■	■	■	■	■			■				■					■	■	■	■	■	■	■	■	■			■			■		www.x-celliR8.com	
YASH Technologies	■	■	■	■	■	■																■	■	■	■	■							www.yash.com		
Yordas Group	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	www.yordasgroup.com	
Zanos Ltd	■					■												■	■														www.zanos.co.uk		

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