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*We are the Centre for chemical safety assessment*

# ECETOC Annual Report 2025

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We are the Centre for chemical safety assessment

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ECETOC

# Annual Report

# About ECETOC

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**We are a collaborative scientific hub, dedicated to advancing chemical safety through innovation, evidence-based research and cross-sector expertise.**

# Our Purpose

ECETOC brings together leading scientists from industry, academia, and the public sector to find science-based solutions and drive innovation in chemical safety assessment. As a trusted scientific association, we help advance knowledge and tools that support a safer, healthier, and more sustainable world.

# What we do

## We connect rigorous science and practical solutions

ECETOC's open platform for discussions and innovation allows experts from different sectors to collaboratively address pressing scientific challenges in chemical safety. Through our long-term transformational programmes, workshops, and task forces, we transform research into practical, trusted tools for regulators, industry, and society.

## We keep science at the centre

When partnering with other organisations, we provide scientific advice and support. Our role includes advising on research priorities, guiding project design, and monitoring progress to ensure high-quality outcomes that fill critical scientific gaps.

## We share knowledge openly

ECETOC provides scientific thought leadership through open-access publications, tools, and public events. Our work is freely available via our website and shared broadly through reports, symposia, and collaborative platforms.



# Our values

## Scientific excellence, for public good

We engage top-tier scientists and uphold the highest standards of scientific rigour and relevance. Our work is guided by the commitment to protect human health and the environment.

## Collaboration

We foster and welcome open dialogue and cooperation among scientists from industry, government, academia and other sectors.

## Independence

We create an environment that supports independent thinking, free from commercial influence, with a long-term view on scientific impact.

## Transparency

We make our findings publicly available and address potential conflicts of interest clearly and proactively.

## Diversity

We are committed to building a diverse and inclusive scientific community, united by a shared pursuit of excellence.

# Our structure

ECETOC is governed by a Board of Administration composed of senior executives from our member companies. The Board, appointed by the General Assembly, oversees strategy and finance. It appoints the Secretary General and members of the Scientific Committee, which directs and reviews ECETOC's scientific programme. The ECETOC secretariat, led by the Secretary General, supports all operations and activities.

# Our financing

We are funded by our member companies - leaders in the manufacturing and use of chemicals - who support our mission to develop scientific approaches that benefit both industry and society.

# Membership

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**By contributing to ECETOC's multi-stakeholder recommendations and practical tools, organisations and individuals can help improve, innovate and expedite the chemical safety assessment process.**

# Who can become a member?

Membership is open to companies engaged in manufacture, processing or use of chemicals or in applied research in the human health and environmental impact of chemicals (see **ecetoc.org/membership** for more details).

Associate Membership is open to individuals or not-for-profit organisations (such as universities, research institutions or regulatory bodies) who align with ECETOC's mission, but don't qualify for full membership.

# Benefits of membership

As an ECETOC member, you...

### Put critical issues on the scientific agenda

Bring the most pressing challenges in chemical safety to the table — and we'll mobilise top scientists from across sectors to deliver practical, science-based solutions that regulators can adopt and industry can implement.

### Stay ahead of the curve

Be the first to hear about what's emerging in regulatory science — from upcoming challenges to cross-sector insights that impact your business and the broader scientific landscape

### Gain direct access to top scientific minds

Collaborate with leading experts from academia, industry, and regulatory bodies to strengthen your organisation's role in shaping science-based chemical safety assessments.

### Join high-level scientific networks

Take part in exclusive expert meetings that connect you with key academic and regulatory scientists — opportunities that spark collaboration and drive impact.

### Develop and empower your talent

Give your early-career scientists a platform to grow. Through Task Forces, Workshops and our Transformational Programmes, they build critical skills, gain visibility, and grow their professional networks.

# ECETOC members

**In 2025, the ECETOC Membership comprised the following 35 Member Companies.**

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# ECETOC Board of Administration

**The Board of Administration, composed of at least six member-company representatives, is empowered by the Annual General Meeting with the management and administration of ECETOC, and delegates these tasks on a daily basis to its Secretary General. Two Board Members are entitled to represent the Associate members. Board Members have a two-year mandate and are responsible for the overall policy and finance of the association. The Board is also responsible for appointing the members of the Scientific Committee. Member companies may propose candidates for the Board. These candidates must have managerial duties within their company and possess scientific and technical experience. Member companies may propose candidates for the Board. These candidates must have managerial duties within their company and possess scientific and technical experience.**

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## RE-ELECTION OF BOARD MEMBERS AT THE 2025 ANNUAL GENERAL MEETING:

Patrick Masscheleyn (Procter & Gamble), Arndt Wellmann (Bayer), Peter Campbell (Syngenta) and Reza Rasoulpour (Corteva Agriscience).

## ELECTION OF BOARD MEMBERS AT THE 2025 ANNUAL GENERAL MEETING

Sarah Hughes (Shell International), Erik Rushton (LyondellBasell) and Christopher Warren (ExxonMobil Biomedical Sciences) were elected to the ECETOC Board.

## ECETOC BOARD MEMBERS IN 2025

**CHANTAL SMULDERS** (Shell) Left in July 2025
**NICHOLAS BALL** (Dow) Chair as from June 2025
**ROBERT BARTER** (ExxonMobil) Left in Feb 2025
PETER CAMPBELL (Syngenta)
**DOROTHEE FUNK-WEYER** (BASF)
**PATRICK MASSCHELEYN (**PG)
**REZA RASOULPOUR** (Corteva)
**VOLKER SOBALLA** (Evonik)
**ARNDT WELLMANN** (Bayer)
**CHRISTOPHER WARREN** (ExxonMobil) Joined in June 2025
**ERIK RUSHTON** (LyondellBasell) Treasurer - joined in June 2025
**SARAH HUGHES** (Shell) Joined in June 2025

# Message from the Chair of the Board

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**NICHOLAS BALL, DOW**
Chair of the Board of Administration

**The scientific output of ECETOC has been fundamental to the field of toxicology and chemical safety since its inception.**

## 1 As you step into the role of Chair, what drew you to take on this position?

Having worked for more than 20 years as a toxicologist in both government and industry, I have always had a passion for science of chemical safety assessment, so what better organisation is there to invest this passion in than ECETOC. When Chantal announced that she would step down as the Chair of ECETOC, I gladly put my name forward for the role of Chair and was extremely gratified when the board put their faith in me.

As Chair, I am honoured to work with such a passionate team across ECETOC, the Board and the Scientific Committee to deliver the scientific programme that our industry needs, to help us manage the increasingly complex challenges we face. I will take this opportunity to thank Chantal for her excellent leadership over the past 5 years, and for inspiring me to follow in her footsteps. The Board and I wish her well as she embarks upon a new challenge, and hopefully that will lead her back to ECETOC in the future. Chantal certainly left some big (and fabulous) shoes to fill!

The change in chair was not the only change to the Board this year. Bob Barter (ExxonMobil) stepped down, and I would like to thank him for all his contributions to ECETOC both as a scientist and a Board member. He will be missed! I would also like to welcome Chris Warren, who replaces Bob, Sarah Hughes who replaces Chantal, and to Erik Rushton from Lyondell Basel who joined the Board in 2025. Erik also took on the role of Treasurer, and I cannot think of a better person to oversee how we manage our finances.

## 2 You've been involved with the organisation for some time - How does this new role change your perspective?

Taking on the role of Chair was initially daunting. ECETOC was established in 1978 and has been around almost as long as I have! The scientific output of ECETOC has been fundamental to the field of toxicology and chemical safety since its inception, and I have been privileged to be involved one way or another for more than 15 years. Moving from the front lines of the taskforces and contributing scientifically, to being at the head of the organisation responsible for setting the direction has been quite exhilarating and certainly an eye-opening experience.

However, in becoming Chair of the Board, I am not sure my perspective of ECETOC has changed much. Rather, it has changed how I shape my contribution, shifting from scientific to strategic input. So, no more discussions about DNELs and PNECS, read-across and exposure-based adaptations, but instead, who we should work with, how to get the most impact from our work for our members and stakeholders, and what are the most critical topics we must engage in now and in the future.

## 3 How did external factors, such as policy shifts or global trends, shape our work this year?

In Europe, we saw a reconsideration of whether and how to revise the REACH regulation, potentially shifting towards simplification. This led to uncertainty about the introduction of additional information requirements, a safety factor for mixtures and perhaps the most significant addition, the inclusion of polymers. However, this shift in direction has not removed the desire for more information on chemicals, and that links with EU Commission roadmap towards phasing out animal testing, using NAMs as a way to get more information on chemicals.

Looking towards technological advances, the evolution of AI and its deployment in the world of safety is proceeding at an astonishing pace. Things are possible today that were unheard of even two or three years ago, and what we will be able to do tomorrow is both exciting and frightening.

Finally, there is a significant focus in the EU and globally on planetary boundaries, persistence, and the fate of chemicals, polymers and plastics in the environment. This is bringing with it a fundamental change in how we approach chemical safety assessment.

Looking at how this influenced our work, I think that good foresight and sound planning meant that our scientific programme was, and continues to be, well positioned in spite of policy shifts and global trends. ECETOC was therefore able to engage across the diverse array of topics without needing to quickly shift direction. I am also proud of how our scientific programme has continued to deliver despite the strain on resources, and I hope it can continue to do so as we move into what is likely to be another challenging year for industry.

## 4 What do you see as the Board's key role in supporting the organisation's mission going forward?

ECETOC has so much to offer, not just as a scientific organisation, but one that brings together a diverse group of experts from industry, academia and governments. This allows us to take a neutral, science-first approach to tackling the most important problems facing our industry and regulators. This is all thanks to the trust and expertise that has been built in the organisation over the years. As such, our number one priority is to work with Blanca, her team and the Scientific Committee to continue to steer the science portfolio, maintaining the trust and expertise of ECETOC and the important working relationship with our stakeholders and collaborators. We must ensure that we continue to engage in the high-quality science that is in line with our values and meeting the needs of our membership.

As we look to the future, another important role is supporting Blanca in growing the membership, accessing new areas of expertise for the Scientific Committee and finding new opportunities to deploy this impactful organisation.

## 5 What are the main priorities you're keen to focus on as Chair over the coming year?

I believe our focus must be on our long term sustainability, credibility, and impact. To that end, my focus is on ensuring we invest in the skills of the ECTOC team, grow the membership, enhance our positioning with key regulatory and policy stakeholders, and further establish the role of ECETOC as a trusted science broker. Considering the future scientific needs, I also want to make

sure we have the right expertise across our organisation to meet the scientific challenges like AI, NAMs, biodiversity and exposure head on.

## 6 What would you like our community and partners to know about where the organisation is headed under your leadership?

Considering the depth and breadth of the expertise we have, I see a bright future for ECETOC as the organisation to tackle the constantly evolving issues facing us. Now, more than ever, we need to ensure that we actively engage with our partners, stakeholders and our membership, particularly as we identify the challenges we will face in the future, so we can effectively plan to mitigate them.

I am also looking forward to seeing how our role as a science broker evolves under Blanca's excellent direction, positioning ECETOC more centrally as a leader in delivering the science of safety assessment.

Finally, I would like to thank the Board, the ECETOC team, the Scientific Committee and our taskforces for the outstanding work done this year. The strength of ECETOC comes from its people and their active engagement. I want to encourage you all to take advantage of the excellent opportunities to grow and develop your people using our Scientific Committee, taskforces or even joining the team as a secondee.  This is the best investment we can all make.

**ECETOC has so much to offer, not just as a scientific organisation, but one that brings together a diverse group of experts from industry, academia and governments. This allows us to take a neutral, science-first approach to tackling the most important problems facing our industry and regulators.**

# Report from the Secretary General

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Dr. **BLANCA SERRANO RAMÓN**
Secretary General

**Summarising an entire year in just a few paragraphs is always an intriguing challenge, particularly given the complex economic and geopolitical landscape we have navigated throughout 2025.**

Many of our member companies, like much of the scientific and regulatory community, have experienced a period of uncertainty and change. In such circumstances, maintaining spaces for constructive scientific dialogue becomes particularly important, and I'm proud to confirm that ECETOC's role is precisely to provide such a platform.

During 2025 we have focused on consolidating ECETOC's activities - Johannes calls it our "harvest phase" in his foreword - while continuing to strengthen our role as a place where scientists from industry, academia and regulatory institutions can work together on questions related to chemical safety and sustainability. Our objective remains straightforward: to develop practical scientific approaches that can support policy and decision making.

From a scientific perspective, several developments continue to shape the direction of our activities. Analytical and monitoring technologies are advancing rapidly, improving our ability to understand the presence and behaviour of substances in the environment. At the same time, exposure science is gaining increasing importance as regulatory frameworks seek to better connect hazard information with realistic exposure conditions.

These developments are closely linked to the broader transition towards non-animal methodologies. ECETOC continues to contribute to this evolution through work on new approach methodologies and through initiatives such as smart studies, which aim to bridge current regulatory systems with future approaches relying more strongly on non-animal methods.

In parallel, ECETOC continues to advance work in areas such as polymer and microplastics research, where improving analytical capabilities and understanding environmental behaviour remain key scientific challenges.

An example of this is the work we started on synthetic polymeric microparticles (SPM), which aims to create a harmonized, science based framework for estimating and reporting SPM emissions from products. Besides the fruitful collaboration (which included experts from associations like FEICA, CEPE and EDANA) we're confident that this will be a very useful tool for upcoming REACH reporting requirements.

Across these areas, our objective remains consistent: to develop practical scientific frameworks, tools and recommendations that can support robust and transparent decision making. Work developed within ECETOC has contributed over the years to a number of OECD Test Guidelines and guidance documents, illustrating the value of collaborative scientific work in regulatory science.

One important priority this year has been to broaden participation and dialogue. Through our task forces and workshops we have continued efforts to make discussions more transparent, more visible and more open, reaching out more actively to regulators and academia.

The immunotoxicity assessment workshop we organised in July in Brussels, just to name one example, was a success because it enabled an impactful discussion among the participants. These included representatives from industries and CROs, but also universities across Europe and regulatory bodies such as ECHA and NIEHS. Their exchange provided concrete recommendations for immediately implementable solutions as well as food for thought for future ECETOC activities.



**In parallel, 2025 marked the opening of ECETOC's Associate Membership to academic institutions and experts interested in contributing to our work. These developments reflect our intention to ensure that ECETOC remains a place where different perspectives can meet and where scientific exchange can take place in a constructive and pragmatic way.**

**But meeting, exchanging, learning, advancing only happens because of the driving force behind ECETOC's work: our people. So, in conclusion, I want to thank everyone involved in our activities, from our Secretariat team to the many experts from our member companies, academia and regulatory bodies who contribute their time and expertise in addition to their regular professional responsibilities.**

**Your expertise and willingness to collaborate allow ECETOC to provide high quality scientific input to policy discussions. By continuing to bring together scientists, regulators and other stakeholders under the ECETOC umbrella, we remain committed to ensuring that sound science can contribute constructively to policy discussions in the years ahead.**

# Science Programme

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# Foreword from the Scientific Committee Co-Chairs

Dr. **JOHANNES TOLLS**

**&**

Dr. **DAVID ROUQUIÉ**

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**Progress is rarely a single breakthrough; it is more often a portfolio of steady advances, strengthened by collaboration and by the community that sustains the work. In the conversation below, Scientific Committee Co-Chairs Johannes Tolls and David Rouquié, reflect on how work advanced in the past year and underline a clear message for members: staying engaged -through stewardship, expertise-sharing, and open scientific exchange- remains essential to turning innovation into trusted practice.**

## 1 Looking back on 2025, what scientific developments stand out most to you?

**JT:** I don't think I can highlight one or two single developments. Instead, what stands out is how much of the long-term effort on NGRA and NAMs is now coming to fruition. We are very much in a "harvest" phase of work that started years ago, and ECETOC continues to be at the forefront of bringing non-animal data into regulatory assessment. We also have a strong pipeline for 2026 and beyond, especially the planned publications focused on interpreting omics/ NAM data for use in a regulatory context.

**DR:** I would also highlight the growing debate about how AI can support our work, both in predictive analyses and in more generative uses. In practice, that includes emerging applications for dossier generation and for supporting evaluations. It's an area moving quickly, and it will be important to keep the scientific and regulatory implications in view as these tools mature.

## 2 How has the research landscape in our field continued to evolve over the past year?

**JT:** Over the past year, I've noticed a shift among academic researchers working on NAMs: there is a clearer recognition that the job is not finished once data are generated. The next step -often the hard step- is to distil regulatory meaning and decision-relevance from that science. That growing focus on interpretation and context is an encouraging sign for the field

**DR:** I also sense an encouraging convergence: the scientific community in our field is increasingly trying to align on best practices for using NAMs. That matters, because shared expectations and common approaches are what ultimately make methods transferable and trustworthy across organisations and contexts.

## 3 Can you share an example of collaboration in 2025 that genuinely moved the science forward?

**JT:** One collaboration that stands out is the joint workshop we held with VHP4Safety and ONTOX. These kinds of joint efforts help us test ideas in a broader scientific setting and accelerate learning across initiatives. Looking ahead, our engagement through the Collaborative Platform on Alternatives to Animal Testing (CP-AAT) should further strengthen that shared momentum.

**DR:** For me, coordinated efforts between ECETOC and HESI are particularly valuable, because they improve our overall impact by avoiding duplication. In 2025, that benefit was clear, for example through the joint SOT symposium on SMART studies. The exchanges around omics data interpretation were another practical way to align thinking and build on each other's work.

## 4 What was the biggest scientific or operational challenge the committee faced this year?

**DR:** A key challenge this year was operational rather than purely scientific: it is becoming increasingly difficult to find stewards for our activities. Part of that is simply the size of the portfolio; there is a lot going on in parallel. Another part is that some topics now extend beyond "classical" safety assessment, which can make the necessary expertise harder to find within companies or even within our established networks.

## 5 If you had to pick one achievement that best captures ECETOC's scientific impact in 2025, what would it be?

**DR:** For me, the best marker of ECETOC's scientific impact in 2025 is the consistency and reach of our outputs. Our numerous publications, together with contributions to international congresses, continue to demonstrate both scientific quality and relevance. That sustained visibility is an important part of how the work influences the wider community.

## 6 How has our work translated into real-world impact over the past year?

**JT:** In 2024, the dose selection Task Force was a very clear standout in terms of a single, easily identifiable impact story. In 2025, the picture is different: I don't see one outstanding piece of work that dominates. Instead, the impact is spread across the portfolio, with multiple activities contributing incremental advances that collectively move the field forward.

## 7 What excites you most about the direction our research is taking next?

**DR:** The joint workshop with VHP4Safety and ONTOX was a highlight for me, because it brought different perspectives together in a practical, problem-solving way. Those exchanges help sharpen the scientific questions we need to answer, and they help ensure our work remains connected to the broader ecosystem of initiatives

**JT:** More broadly, I value ECETOC's capacity to interact with many stakeholders and keep a constructive dialogue going over time. Sometimes that also means agreeing to disagree, without losing the thread of collaboration while keeping a constructive and open mindset. In today's environment, that ability to convene and sustain meaningful scientific exchange is, for me, of tremendous importance.

## 8 If there's one issue you'd like the wider scientific community to focus on right now, what would it be and why?

**JT:** One priority for the wider community is to improve our understanding of how chemicals impact human and environmental health. In particular, we should be clear-eyed about the limitations of current chemical footprinting approaches (for example, "toxic pressure"). The opportunity now is to refine these methods so they become better approximations, and ultimately better tools for decision support.

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# 2025 Areas of Work

## LEGEND / ICON SET

Please find below a set of icons that will mark a few key topics in this article.

- Meeting / Workshop
- Task Force
- Report or Publication
- Transformational Programme
- Tool
- Video

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# ECETOC Annual General Meeting and Debate

In occasion of its Annual General Meeting on 5 June 2025, ECETOC organised a symposium on the perception of risk and trust in science. Prior to an open debate with the audience, David Hemingway from Tactix, highlighted how predictive analytics can help anticipate media attention on scientific studies. Angela Bearth, HF Consulting, listed some current obstacles to trust in science (misconceptions, chemophobia, "intuitive toxicology"...) and recommended improving two-way communications between scientists and public as well as evidence-to-decision frameworks. Finally, Andrew Turley, Chemical Watch News & Insight, emphasised the importance of timeliness, relevance, and accuracy of news, even when it involves scientific topics and encouraged to build relationships with communicators and prioritize transparency to enhance public trust in science.

# AI and Big Data

Following the ECETOC 2024 workshop ***Integrating AI into chemical safety assessment – Opportunities, challenges, and the path forward*** (presentations available **here**) the Organising Committee has been working with participants to develop a manuscript capturing the workshop's key discussions and outcomes. Its **publication** will be followed by the launch of potential follow-up activities in late 2026.

## ECETOC-VHP4SAFETY-ONTOX: APPLICATION OF DIGITAL INFRASTRUCTURES LEVERAGING AI IN HUMAN HEALTH RISK ASSESSMENT WORKSHOP

The **ECETOC-VHP4Safety-ONTOX: Application of Digital Infrastructures Leveraging AI in Human Health Risk Assessment** workshop took place on 28-29 October and was attended by 35 participants from regulatory bodies, industry and academia.

It featured structured demonstrations and hands-on sessions that allowed participants to work directly with the VHP and OPRA digital tools. These sessions were followed by discussions capturing first impressions and SWOT analyses, during which participants assessed the tools' applicability and explored how, together with other AI platforms, they can support trust-building, enhance decision-making in research and regulatory contexts, and inform future applications.

Further discussions addressed the interoperability of digital infrastructures and their alignment with ongoing European initiatives.

The workshop concluded with a plenary discussion summarising key challenges and opportunities for the VHP and OPRA platforms, as well as for AI technologies more broadly, highlighting the critical role of regulatory engagement in shaping the path forward.

# Endocrine Disruption

## SUBSTANCES THAT ACTIVATE VARIOUS LIVER RECEPTORS AS ENDOCRINE DISRUPTORS

The Task force on **Substances that activate various liver receptors as EDs** continued its work on a manuscript in 2025. The original scope, that chemicals inducing their own metabolism in the liver should not be considered endocrine disruptors remains unchanged. However, further analysis confirming a correlation between liver enzyme induction and adverse effects on the male reproductive system led to a refinement of the manuscript.

The Task Force is continuing its work on the manuscript, aiming for submission to a peer-reviewed journal by the end of the year.

## STATE OF THE SCIENCE AND NEXT STEPS FOR NON-EATS MODALITIES (METABOLIC DISORDERS)

The Task Force ***State of the Science and Next Steps for Non-EATS Modalities (metabolic disorders)*** continued its work in 2025. This Task Force intends to provide a state of the science review, and proposals for next steps, on non-EATS modalities (metabolic disorders) in ED assessment, and foster a consistent and harmonised approach across different sectors and regulations.

The Task Force is focusing only on metabolic disorders (diabetes, non-alcoholic fatty liver disease & obesity)

The group is in the data collection stage and will soon begin drafting the write-ups for a series of peer-reviewed publication.

On 18 June the non-EATS Task Force held an online workshop called **Advancing the Science of Non-EATS Modalities: Tackling challenges in metabolic disorder assessment**. Experts from various fields discussed improving confidence in evaluating non-EATS effects, especially those linked to metabolic disorders including diabetes, obesity, and non-alcoholic fatty liver disease. The ECETOC Task Force shared interim findings for feedback, and other specialists also contributed their insights.

The online workshop had 94 participants from industry, academia, regulatory agencies, and CROs. The Task Force will soon begin drafting the write-ups for a series of peer-reviewed publications.

At the 2025 SOT conference in Orlando, Florida, the non-EATS Task Force organised and held a symposium.

### ECHA ENDOCRINE DISRUPTORS (ED) EXPERT GROUP

In August 2024, ECETOC invited Delegates to nominate a new expert to represent the organisation in the **ECHA Endocrine Disruptors Expert Group (ED EG)** from early 2025, following the end of Nina Hallmark's (Bayer) term.

As an ECHA Accredited Stakeholder Organisation, ECETOC has since continued its participation in 2025 in the ED EG through its newly appointed expert, Helen Tinwell (Bayer), who now provides regular updates to both the newly established ECETOC ED Advisory Group and the Scientific Committee, ensuring that discussions of relevance to ECETOC's work are communicated effectively.

ECETOC extends its sincere thanks to Dr Hallmark for her valuable contributions during her tenure as the organisation's representative.

# Exposure

### OUTREACH:

The ECETOC Transformational Programme (TP) **Elevating exposure science in chemical safety assessment** continues to evolve, with a number of potential new activities under development.

Participants of the coordination team for this TP participated to and presented at the **ISES-Europe workshop in October 2025**.

The TRA Worker and Environment Task Forces continue to identify opportunities to maintain and advance the TRA tools, with the ***migration of the TRA Environment tool from its current form (series of excel spreadsheets) into an easier-to-use standalone application*** in process.

The TRA Environment Task Force **shared their work** on indirect exposure of humans via environment and SimpleTreat modelling at the SETAC Europe Annual Meeting in May 2025.

The beta version of the **ECETOC FAIR Environmental Health Registry (FAIREHR) platform**, developed in collaboration with **ISES-Europe** and the **Institute of Occupational Medicine (IOM)** in the UK, was finalised in late 2025. The platform is a repository of metadata which aims to consolidate environmental and health research studies that generate data on exposure to chemicals, including biomonitoring and epidemiological studies.

The current version of the platform is now sufficiently mature to be presented to authorities and stakeholders, however, further development is needed for it to reach its full potential, both in terms of technical refinement and broader uptake.

ECETOC is therefore actively looking for collaborators who would like to contribute to the next phase of development and help us strengthen and expand the tool's impact.



# Immuno and Neuro-toxicity

### IMMUNOTOXICITY ASSESSMENT: ADDRESSING CHALLENGES AND ADVANCING METHODOLOGIES WORKSHOP

Immunotoxicology is gaining increasing regulatory and scientific attention due to its relevance in chemical safety assessment and its inclusion in key OECD testing guidelines. However, current approaches to evaluating immunotoxicity, especially developmental immunotoxicity (DIT), face challenges. An **ECETOC Workshop on Immunotoxicity Assessment** was convened July 2025 to address these challenges and explore opportunities to advance methodologies, including the integration of in vivo and in vitro endpoints, and the development of tiered testing strategies.

As a follow-up to the workshop, ECETOC will publish a workshop report and launch a new Task Force in early 2026.

### SCIENTIFIC PERSPECTIVE ON IN VIVO DNT TESTING TASK FORCE

The Task Force titled ***Scientific Perspective on in vivo DNT*** testing continued its work in 2025. The desired outcome is to develop a scientific approach to in vivo developmental neurotoxicity (DNT) testing to be considered by relevant regulatory authorities and other stakeholders in the integration of DNT testing in chemical safety assessments for regulatory purposes.

The Task Force continued the process of drafting and finalising the peer-reviewed publication.

# NGRA and NAMs

### TRANSFORMATIONAL PROGRAMME 'NEXT GENERATION ENVIRONMENTAL RISK ASSESSMENT (NG(E)RA)'

The Transformational Programme **Next generation environmental risk assessment (NG(E)RA)** team developed a perspective article on the concept of digital twins for the environment. These collaboratively built tools could progressively integrate cross-species extrapolation, spatially explicit modelling, mechanistic and ecological models, and New Approach Methodologies (NAMs). Publication is expected in early 2026. A **poster** on the concept was shared at the SETAC Europe Annual Meeting in May 2025.

### NAMS (HUMAN HEALTH) TRANSFORMATION PROGRAMME

The Transformational Programme '**Development of an Integrated Approach for Chemicals Assessment**' continued over the past year, with activities now entering their final stages for the Staged Assessment TF, Smart Studies TF and the Human Health Shadow Group. The Shadow Group

successfully submitted a Staff Working Document (SWD) for inclusion as an annex in the upcoming Commission Roadmap towards phasing out animal testing. The Smart Studies Task Force is expected to publish a peer-reviewed publication by the end of the year.

The Human Health TP, Staged Assessment TF and HH Shadow Group will conclude its activities with a dedicated workshop during ECETOC Nexus Week, providing an opportunity to discuss the practical implementations of enhanced 28-day studies within a NAM based tiered testing approach. A new follow-up Transformational Programme is planned, ensuring continued support for next generation risk assessment, including NAMs.

## STAGED ASSESSMENT TASK FORCE

The **Staged assessment for low tonnage chemicals Task Force** successfully published a peer-reviewed paper "**Framework for classifying chemicals for repeat dose toxicity using NAMs**" in February 2025. The Task Force also presented a **poster at the SOT 2025** 64th Annual Meeting and ToxExpo (16–20 March, Orlando, Florida), highlighting the key findings of the publication.

The group continued its involvement in the EPAA Designathon on NAM-based solutions for classification and labelling, and presented the outcomes of its publication in an EPAA webinar.

All Task Force deliverables are considered completed, and its activities are expected to formally close with the conclusion of the Human Health dedicated Workshop during the 2026 ECETOC Nexus Week.

## SMART STUDIES TASK FORCE

The **Smart in vivo studies Task Force** is now fully dedicated to completing a manuscript for peer-review submission before the end of the year. With the analytical phase complete, efforts are centred on integrating the study outcomes into a coherent and impactful publication that reflects the Task Force's contributions to advancing in vivo methodologies and reducing animal use in chemical safety assessment.

The Smart Studies TF will also take part in the dedicated Human Health workshop during ECETOC Nexus Week, offering an opportunity to present its early findings and engage with stakeholders.

At the 2025 SOT conference in Orlando, Florida, ECETOC and HESI representatives organised and held a symposium, ***Navigating complexity in modern toxicology: the role of omics in short-term in vivo studies***. The **outcomes of this symposium** were published at the end of 2025.

## OMICS DATA INTERPRETATION TASK FORCE

The Task Force titled Good Practices in ***Omics Data Interpretation for Regulatory Application*** continued its work in 2025 with the aim to distil good practices for quantitative hazard identification suitable for regulatory decisions on GHS classification by defining the criteria for determining the toxicological relevance of induced molecular changes in the context of creating a phenotype relevant for hazard identification. This will be done by reviewing relevant case studies in the literature focused on liver (STOT-RE classification), testis (R classification), genetic toxicity (M classification) and liver (C classification)

The Task Force is currently in the process of collecting and reviewing selected case studies.

## CONTRIBUTIONS TO THE COMMISSION ROADMAP TOWARDS PHASING OUT ANIMAL TESTING

ECETOC continued to participate in the Commission working groups on environmental safety assessment and human health safety assessment, which comprise of experts from the European Commission, Agencies, NGOs, EPAA and ECETOC. The working groups finalised texts for the Roadmap Staff Working Document, which will accompany the Roadmap, towards the end of the year. The Roadmap is expected to be published in Q1 2026.

ECETOC participated in the **3rd workshop on Commission Roadmap (16 – 17 June, Helsinki)** as well as the **EPAA Special 20th Anniversary Annual Conference (5-6 November, Brussels)**. Both events included insights as to the Roadmap implementation, which includes a Roadmap Steering Team at its core. ECETOC is liaising with the Commission in terms of how ECETOC could contribute directly to this Steering Team.

## CASE STUDIES ON RELIABILITY AND RELEVANCE CONSIDERATIONS DURING VALIDATION OF NAMS USED FOR REGULATORY PURPOSES

A new Task Force **Case Studies on reliability and relevance considerations during validation of NAMs used for regulatory purposes** was kicked off in January 2025. The desired outcome is to gather stakeholder insights on experiences, concerns, and expectations - clarifying which elements require validation versus other processes - and use case studies such as DNT and RT Gill to highlight challenges and opportunities for developing smart, effective, and relevant validation strategies.

The Task Force has passed the data collection stage and is currently in the process of drafting the peer-reviewed publication.

## CHRONIC FISH CASE STUDIES TOWARDS AN IATA

A new Task Force on **Chronic fish case studies towards an integrated approach to testing and assessment (IATA)** kicked off in October 2025. The Task Force brings together an Advisory Panel and a contracted consultant, ECT Oekotoxikologie GmbH, responsible for conducting the case studies. The case studies aim to inform a potential future OECD IATA for chronic fish toxicity. The Advisory Panel includes exerts from industry, academia, NGOs, and policy and regulatory bodies, including the OECD. ECETOC is liaising with the International Collaboration on Cosmetics Safety (ICCS) and the Health and Environmental Sciences Institute (HESI), who are also developing chronic fish case studies, to maximise synergies and avoid duplication.

## WEBINAR ON OMICS: SCIENCE, REGULATION AND INNOVATION

The **ECETOC Omics webinar** took place on 22 September 2025 and was attended by 123 participants. It offered a clear and comprehensive overview of the organisation's past and ongoing work in omics, including insights into metabolomics and broader multi omics applications. It also highlighted emerging developments such as the increasing integration of AI-driven approaches into regulatory science, reflecting a forward-looking perspective on the future of omics in risk assessment. The session concluded with an engaged discussion on both the opportunities and the practical challenges of applying omics data in regulatory decision-making, underscoring the importance of continued dialogue between scientists, regulators, and industry stakeholders.

# PBT

## DEGRADATION SIMULATION STUDIES

The Task Force **Building knowledge from available degradation simulation studies** collated and curated a database of approximately 170 surface water simulation degradation studies (OECD Test Guideline 309) during 2024. In 2025, the Task Force applied machine learning techniques to analyse the dataset, aiming to identify key factors influencing study outcomes. Preliminary results were **presented** at SETAC 2025, with further analysis ongoing.

In parallel, a Task Force subgroup began exploring opportunities and challenges for grouping and read-across in simulation degradation studies, **sharing** initial perspectives at SETAC 2025.

## ECHA PBT EXPERT GROUP

ECETOC continues to participate in the **ECHA PBT Expert Group** via nominated expert Sylvia Jacobi (consultant for Albemarle). Via this ECHA group, ECETOC also nominated experts to two ECHA Advisory Groups that kicked off in 2025, one on Alternatives to fish acute tests, to evaluate the potential of the fish embryo test (OECD TG 236) and fish cell line study (OECD TG 249) as alternative methods to acute fish studies, and the other on Biodegradation of difficult to test substances.

## OVERCOMING CHALLENGES AND ADVANCING (BIO) DEGRADATION GUIDELINES: OECD TG309 REVISITED

The OECD Test Guideline 309, which evaluates the aerobic mineralisation of substances in natural surface water, has seen growing regulatory use, prompting its inclusion in the OECD work plan for revision. In response, ECETOC convened a workshop titled **Overcoming Challenges and advancing (Bio) degradation guidelines: OECD TG309 revisited** in January 2025 to identify priority updates, scientific challenges, and research needs associated with the guideline. Bringing together 36 in person and 76 online participants, the workshop focused discussions around three pillars - robustness, implementation, and relevance - to ensure a structured assessment of current practice and future requirements. The objective of the workshop was to gather expert insight and define clear directions for improving the scientific reliability, regulatory applicability, and practical use of TG 309 in persistence and exposure assessments.

# Polymers

## POLYMER ANALYTICAL SCIENCES

The Task Force Evaluation, development and standardization of needs and methods for analysing polymer properties necessary for safety assessment continued its work in 2025. The Task Force aims to discuss the relevance of, and to evaluate, develop, and standardise methods for analysing polymer properties applicable to polymer safety assessment. It is currently engaged in data collection and the preparation of two peer-reviewed publications, one of which is in its final stages.

## RISK ASSESSMENT OF PLASTIC ADDITIVES

The Task Force ***The application of risk assessment principles to plastic additives***: state of the science and considerations for circularity continued its work in 2025. The Task Force aims to develop a comprehensive framework for the risk assessment of plastic additives, addressing both individual substances and their major transformation products, as well as complex use scenarios within a circular economy, including multiple recycling stages. The Task Force is currently preparing two peer-reviewed publications, one of which is in the final stages.

## SYNTHETIC POLYMERIC MICROPARTICLES

A new Task Force **A concept for estimating the environmental release of SPMs from products** was kicked off in July 2025. The desired outcome is to develop and refine a harmonized, science based approach for estimating and reporting SPM emissions by identifying and evaluating quantification options, reviewing and updating the draft E_Calc_SPM concept, and ensuring compliance with upcoming REACH reporting requirements.

The Task Force is currently in the process of drafting the peer-reviewed publication.

## COLLABORATION WITH MARII AND MICROPLASTICS WORK

In 2025 ECETOC continued its collaboration with MARII as co-leader of its annual Summit on Microplastics, which took place on 15-17 October in Madrid. The meeting convened 65 experts from academia, research, industry, and regulatory bodies to share advances in analytical methods, exposure assessment, and environmental and human health impacts. It also highlighted progress across research projects supported by organizations including (among others) the American Chemistry Council (ACC), Cefic, Japan Chemical Industry Association (JCIA), Plastics Europe, Association of the European Adhesive and Sealant Industry (FEICA), Tyres Europe, International Life Sciences Institute

(ILSI), alongside updates on activities within the Organisation for Economic Co-operation and Development (OECD) and the United Nations Environment Programme (UNEP).

# Sustainability, Circularity & Biodiversity

The Task Force **Assessing risks to biodiversity from exposure to chemicals** made significant progress in 2025, finalising a manuscript that presents its findings; publication is expected in Q1 2026. Key results and next steps were **presented** at SETAC 2025.

In parallel, an Organising Committee - including experts from ECHA and the JRC - was established to develop a workshop programme. The **workshop** will take place during the ECETOC NEXUS week (4-8 May 2026, Brussels). ECETOC is also liaising with the OECD, which is planning a complementary biodiversity workshop in 2026 with a stronger policy focus and broader global scope.

## EVALUATION OF A COMPARATIVE SAFETY ASSESSMENT APPROACH FOR PRODUCTS IN THE SSBD CONTEXT

The **Evaluation of a comparative safety assessment approach for products in the SSbD context Task Force** started in July 2024 and had a rescope in December 2024. A large portion of incremental innovations in the chemical industry comes from products made from new mixtures. One of the key factors is to determine whether these new mixtures are “safer” than their predecessor. The overall goal of the Task Force is to provide a clear definition and evaluation criteria for the comparative safety assessment of mixtures.

To do so, we have identified already available suitable tools. The next step involved producing a series of case studies using internal industry data. Based on the initial assessments and extensive exchanges with the tool developers, we have provided relevant feedback to refine the original tool. As a follow-up we want to gather further examples, characterize the outcome of the comparative safety assessments, interpret the results obtained and develop a use guidance for the approach.

Initial results and scope were **presented** at a poster session in SETAC 2025. To conclude the Task Force’s work, we plan to hold a workshop with relevant stakeholders once we have published the results.

# Toxicology Testing

## DOSE SELECTION TASK FORCE

The Task Force hosted a dissemination webinar Advancing Best Practices in DART **Dose** Selection in February 2025 (presentations and video recording available here).

The webinar attracted over 150 participants and featured key Task Force findings alongside highlights from NC3Rs on the 2024 EUROTOX Satellite Workshop (report available here). The webinar concluded with an interactive discussion session which underscored the importance of continued dialogue with relevant stakeholders.

Further dissemination and discussion followed via an ECETOC session on dose selection at the **European Environmental mutagenesis and Genomics Society (EEMGS) Congress** (2-5 June, Bratislava) and at the EUROTOX Annual Meeting in September 2025, where NC3Rs incorporated the Task Force’s work into their presentation on dose selection for DART studies.

## RESPIRATORY SENSITISERS TASK FORCE

The Task Force on **Use of clinical data in identification of respiratory sensitisers** published their findings and recommendations in the journal Critical Reviews in Toxicology (**Scheel et al., 2025**). A **poster** on the key findings was presented at Eurotox 2025.

# Regulatory Collaboration & Engagement

## EUROPEAN COMMISSION

ECETOC participated in the following:

- Commission working group on environmental safety assessment
- Commission working group on human health safety assessment
- **3rd workshop on Commission Roadmap (16 – 17 June, Helsinki)**
- **EPAA Special 20th Anniversary Annual Conference (5-6 November, Brussels)**

ECETOC also conducted a CRO survey Alternative methods for environmental safety assessment. The survey aimed to assess the readiness and capacity of alternative methods to environmental vertebrate testing within CROs worldwide. Summarised and anonymised results were shared with the Commission to support the development of the Roadmap to phase out animal testing.

Experts from the European Commission participated in the following ECETOC activities:

- Task Force **Assessing risks to biodiversity from exposure to chemicals**
- Task Force **Chronic fish case studies towards an integrated approach to testing and assessment (IATA)**
- Workshop **Immunotoxicity assessment: Addressing Challenges and Advancing Methodologies** in July 2025

## ECHA

ECETOC participated in the following: Annual in person meeting with ECHA Directors and Heads of Units – 7 March 2025.

- Ongoing quarterly online meetings with ECHA Chesar team.
- **ECHA Endocrine Disruptors Expert Group (ED EG)**
- **ECHA PBT Expert Group (PBT EG)**
- PBT EG Advisory Group on Alternatives to fish acute tests
- PBT EG Advisory Group on Biodegradation of difficult to test substances

**Experts from the ECHA participated in the following ECETOC activities:**

- Task Force **Assessing risks to biodiversity from exposure to chemicals**
- Task Force **State of the science and next steps for non-EATS modalities (metabolic disorders)**
- Workshop **Overcoming Challenges and advancing (Bio) degradation guidelines: OECD TG309 revisited** in January 2025
- Workshop **Immunotoxicity assessment: Addressing Challenges and Advancing Methodologies** in July 2025

## EFSA

**Experts from the EFSA participated in the following ECETOC activities:**

- Workshop **Immunotoxicity assessment: Addressing Challenges and Advancing Methodologies** in July 2025

## OECD

The 2025 **OECD Guidance on Good Practices and Standardisation of Sample Collection for Omics Analysis, OECD Series on Testing and Assessment No. 409**, explicitly acknowleges ECETOC workshops and reports as catalysts for its OMICS Reporting Framework.

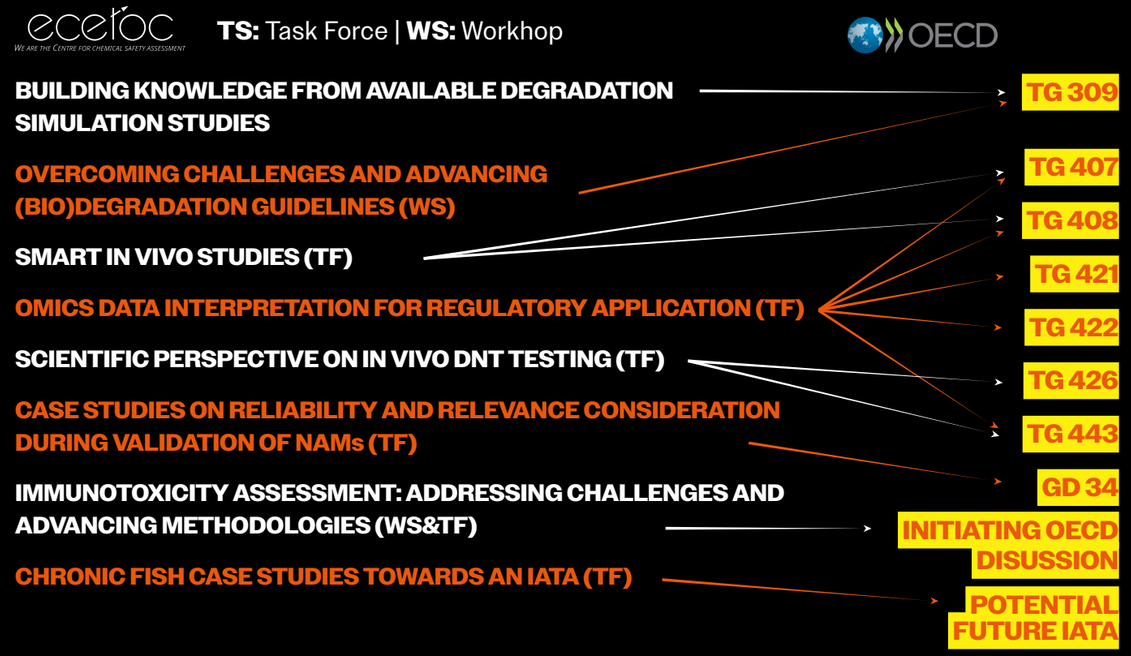
**Experts from OECD participated in the following ECETOC activities:**

- Workshop **Immunotoxicity assessment: Addressing Challenges and Advancing Methodologies** in July 2025
- **MARII Summit on Microplastics** in October 2025

Furthermore, several ECETOC activities carried out throughout 2025 aimed at addressing OECD work, test guidelines or guidance documents (see image below)

# Working for Impact

## Ongoing ECETOC activities with potential impact on OECD work, test guidelines or guidance documents.




> The **2025 OECD Guidance on Good Practices and Standardisation of Sample Collection for OMICS Analysis**, OECD Series on Testing and Assessment no. 409, explicitly **acknowledges ECETOC** workshops and reports as catalysts for its OMICS Reporting Framework.

# Making an impact

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## Collaboration
## Publications
## Tools

# Publications

Writing and publishing scientific papers, organising webinars and workshops, and creating useful tools for industry and regulators are an integral part of ECETOC's work every year. Communicating and disseminating the scientific knowledge gathered in these, both to its members as well as to external audiences, is at the core of ECETOC's raison d'être. ECETOC's primary outputs are state-of-the science reports that are compiled as a result of the scientific partnerships formed in the framework of ad-hoc issues-based task forces. These take the form of both ECETOC's own published reports, as well as articles published in the open scientific literature.

**As part of our continuing drive for efficiency and environmental care, all ECETOC publications are now distributed exclusively in electronic format. All reports, including articles published in peer-review scientific journals, can be freely downloaded from**

**www.ecetoc.org/publications**

# Dissemination

On top the regular dissemination work done via our website, social media and participation in workshops and discussions, in 2025 ECETOC experimented with managing a booth in the exhibition halls of both SETAC Europe and EUROTOX congresses.

These proved to be a very successful way of further establishing our presence and increasing our visibility among company and institutional participants. The booths served as information point, gathering corner, dissemination hub and networking space. Face-to-face presence at the booth was also complemented with a carefully planned online communication campaign, which included broadcasting interviews on social media with members presenting work at these events and daily online updates from the congresses. This campaign generated over 30k impressions from the posts made during these events.

# Awards

## ENVIRONMENTAL SCIENCE RELATED AWARDS

Each year, ECETOC sponsors the **Best Student Platform Presentation Award** at the SETAC Europe Annual Meeting. In 2025, the award was granted to Alessia Ore, Wageningen University and Research, The Netherlands, for her presentation: "***Occurrence of Organic Micropollutants and Transformation Products in Managed Groundwater Aquifer Recharge: from Surface Water Infiltration to Produced Drinking Water***".

## HUMAN HEALTH SCIENCE RELATED AWARDS

The Christa Hennes Award for toxicological research into mechanisms and risk assessment is a **EUROTOX Early Career Award** supported by ECETOC and is presented to young scientists at the EUROTOX Annual Meetings. The winner receives a monetary prize and a free invitation to the following year's Eurotox meeting.

At the 2025 congress in Athens, the award went to Annika Drees, Vrije Universiteit Brussel, Belgium, for her abstract: "In vitro/in silico integrative test battery to detect adverse outcome pathway anchored events of chemical-induced cholestatic liver toxicity". A "Highly Commended Recognition" was also awarded to Leonie Czernik, IUF, Germany, for her abstract: "Species-, Cell Type- and Developmental-Specific Variability in DNA Repair Capacities of Human and Rodent Neural Progenitor Cells".

# Tools

Ecetoc launched and manages 4 practical tools to help practitioners:

- The beta version of the **ECETOC FAIR Environmental Health Registry (FAIREHR) platform**, was finalised in late 2025. This tool is a repository of metadata which aims to consolidate environmental and health research studies that generate data on exposure to chemicals, including biomonitoring and epidemiological studies.
- **NanoApp** helps establish and justify sets of nanoforms and identify poorly soluble – low toxicity (PSLT) nanoforms. Launched in 2020, in 2023 it counted over 180 active users.
- **HeatDB** is a database of tools and data for the assessment of human exposure. Updated on a yearly basis, in 2023 it featured 308 data sources and 66 tools.
- **TRA Targeted Risk Assessment** calculates the risk of exposure from chemicals for workers, consumers and the environment. It has been identified by the European Commission's Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as a preferred approach for evaluating consumer and worker health risks (ECHA, 2010 a,b) – see above sections for ongoing work and updates.

# Activities as science broker

In 2025, ECETOC continued managing Cefic-LRI projects, running the Cefic-LRI Microplastics research programme and partnered again with the **Microplastics Advanced Research and Innovation Initiative (MARII)** to disseminate the state of the science with regards to microplastics. The collaboration resulted in the completion of the **webinar series** started in 2024 and with the organisation of the **MARII Summit on Microplastics** in Madrid on 15-17 October.

# ECETOC Contribution to CEFIC long-range scientific initiatives

Since 1996, the Long-range Research Initiative (LRI) Programme of Cefic, the European Chemical Industry Council, has been providing proactive scientific data on which the entire industry and regulatory bodies can draw to address societal concerns on a reliable basis.

As a fundamental basis for a sustainable chemical industry and a complement to Responsible Care, LRI presents a Research Programme that is forward-looking and ambitious, but also realistic and coherent. LRI invests in long-term research and delivers transparent, quality-assured scientific data, open to the broad public.

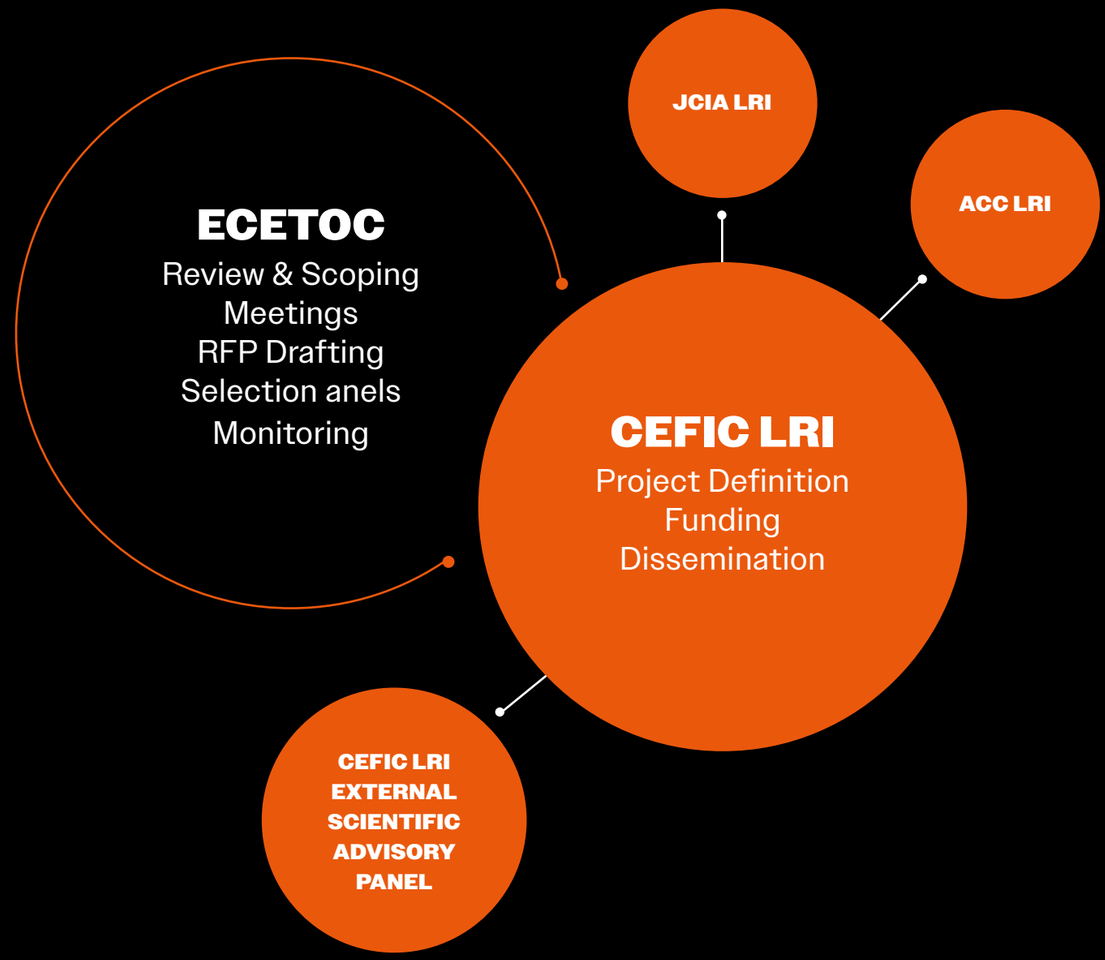
## ECETOC provides scientific support to the Cefic LRI as follows:

1. **Organisation of joint ECETOC/Cefic LRI biennial scoping meetings to scope topics for further consideration as new projects by the Cefic LRI Issue Team (IT);**
2. **Drafting of 'requests for proposals' (RfPs) for new projects prioritised by the Cefic LRI IT;**
3. **Establishment and coordination of selection panels to review the research proposals submitted in response to published RfPs and make recommendations to the Cefic LRI IT concerning the funding of the proposals;**
4. **Establishment of monitoring teams to act as a discussion partner with the research teams and support Cefic LRI in the monitoring of project progress and**
5. **Administrative support and management of ongoing projects;**

**50**



## Information on the Cefic LRI projects active or initiated during 2025 is set out in the following pages.



# Human Health and Exposure projects active or initiated in 2025

**2 projects were completed during 2025 (marked below with ✓)**

**B24**
Modeling exposure and biodistribution of microplastic particles in the human body

✓ **C8**
MetAbolomics ring-Trial for CHemical groupING (MATCHING). Principal investigator: Prof. Mark Viant, University of Birmingham, UK

✓ **B26**
A tiered strategy of modelled doses, analogy concepts, and testing to approach the human hazard of microplastic particles via inhalation pathway (Stage 1). Principal investigator Dr Tanja Hansen, Fraunhofer ITEM, DE



# Environmental projects active or initiated in 2025

**6 projects were completed during 2025 (marked below with ✓)**

✓ **ECO 55**
Impact of Sample Collection on Microbial Population and Validity Criteria in the OECD 309 Surface Water Mineralisation Test. Principal investigator: Dr Odd Brakstad, SINTEF Ocean AS, Olso, NO

✓ **ECO60**
Emission factors for microplastics to support environmental exposure modeling. Principal investigator: Sam Harrison, UK Centre for Ecology & Hydrology, UK

**ECO61**
HERA-MP - Establishment of a Holistic Environmental Risk Assessment for MicroPlastics in the terrestrial environment using the study of environmentally relevant particles. Principal investigator: Karsten Schlich, Fraunhofer IME, DE

**ECO62**
Substance Testing for River-bank filtration And Mobility (STREAM)

**ECO64**
Applicability and improvements of OECD (bio)degradation testing for water-soluble polymers - POLY-DEG-SOLve

**ECO66**
Next generation risk assessment methods supporting the identification of environmental co-exposures of potential concern. Principal investigator: Karel Viaene, Arche Consulting, BE

**ECO68**
Integration of research results from the ECO56-60 microplastics project cluster. Principal investigator: Matthew MacLeod, Stockholm University

# Members of the Scientific Committee

**The Scientific Committee is responsible for the definition, management and peer-review of the ECETOC work programme.**

**Appointed by the Board, the members are selected on the basis of their scientific expertise.**




**IN 2025, THE SCIENTIFIC COMMITTEE CONSISTED OF THE FOLLOWING MEMBERS:**

David Rouquié, Bayer (Co-Chair)
Johannes Tolls, Henkel (Co-Chair)
Paolo Boffetta*, Università di Bologna
Phil Botham, Syngenta
Alistair Boxall*, University of York
Dorothee Funk-Weyer, BASF (until Oct 2025)
Timothy Gant*, Imperial College London
Helmut Greim*, Technical University Munich
Andreas Häner, F. Hoffmann-La Roche
Daniela Holland, ExxonMobil
Heli Hollnagel, Dow
Petra Kern, P&G
Susanne Kolle, BASF (joined March 2025)
Philippe Lemaire, TotalEnergies
Lorraine Maltby*, University of Sheffield
Gina Montoya, Nestlé
Gordon Sanders, Givaudan
Mathijs Smit, Shell Global Solutions International
Claire Terry, Corteva
Kees van Leeuwen*, Utrecht University
Ben van Ravenzwaay*, Wageningen University & Research

***external experts**

# Members of the Secretariat

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**The ECETOC Secretariat is responsible for co-ordinating and managing the scientific work programme. The team supports the scientists working on the ECETOC programme in meeting the objectives set by the Scientific Committee.**

**BLANCA SERRANO RAMÓN** – Secretary General
**VICTOR BARCELÓ NAVARRO** – Science Intern (until April 2025)
**MEGAN D'SOUZA** – Science Manager
**STÉPHANIE JACQUES** – Administration Manager (as of June 2025)
**SERGIO LEÓN PÉREZ** – Science Manager
**ANDREA SALVADORI** – External Relations Manager
**FRANCESCA UGUCCIONI** – Administrative Assistant (promoted to Office Manager in June 2025)
**LUCY WILMOT** – Science Manager

# Finances

## 2025 Income & Expenditure

**ALL EXPRESSED IN K€**

58

### Income
**(expressed in K€)**

| | | |
|---|---|---|
| **1.** | Subscriptions | 1239 |
| **2.** | Bank Interests | 25 |
| **3.** | Investment income | 1 |
| **4.** | Project related income | 294 |
| | | **1559** |

### Expenditures
**(expressed in K€)**

| | | |
|---|---|---|
| **1.** | Salaries and Associated Costs | -841 |
| **2.** | Office Running Expenses | -205 |
| **3.** | Travel Expenses | -38 |
| **4.** | Workshops/ Task forces/ Meetings/Contractors Professional services | -318 |
| **5.** | Bank charges | -92 |
| **6.** | Capital expenditure | -11 |
| **7.** | Publications/ Comms/ Website | -6 |
| **8.** | Miscellaneous / Contingency | -25 |
| **9.** | Sponsorships / Awards | -7 |
| **10.** | | -16 |
| | | **-1559** |

### Gross operating margin
**(income - purchases)**

**0**

### Balance sheet and reserves 2025
**(rounded up to the nearest k€)**

| | | |
|---|---|---|
| **1.** | Total Income | 1559 |
| **2.** | Total Expenditure | 1559 |
| **3.** | Operating Margin | 0 |
| **4.** | Opening Reserves | 1863 |
| **5.** | Closing Reserves | 1863 |

2025

ECETOC

# Annual Report

**Thank you for reading!**

ecetoc

*We are the Centre for chemical safety assessment*

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Since 1978 ECETOC has provided a collaborative space for top scientists from industry, academia and governments to develop and promote practical, trusted and sustainable solutions to scientific challenges which are valuable to industry, as well as to the regulatory community and society in general. Learn more at ecetoc.org.

Learn more at **ecetoc.org**.

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