

2019



ECETOC

Annual Report

Annual Report

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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.

About ECETOC

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 works with leading scientists from academia, governments and 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

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.

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 finances

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).






No membership fee is due for academics and regulators.

NEW!

Associate Members: With the approval of the new Articles of Association at the Annual General Meeting of June 2024, the ECETOC members have agreed to create a new membership tier. The Associate Membership, currently free of charge, 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 2024, the ECETOC Membership comprised the following 31 Full Member Companies and 4 Affiliate Member Companies (as of June 2024, these have all become “full members” according to the new articles of association).

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Full Members



Enriching lives through innovation



Associate Members



NICKEL HEALTH AND ENVIRONMENTAL SCIENCES



REGULATORY AFFAIRS INFOPROCESSING PAIRISTICE

Message from the Chair of the Board



Dr. **CHANTAL SMULDERS**
Chair of the Board of Administration

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ECETOC is on an exciting trajectory, driven by our commitment to scientific excellence and innovation in the field of chemical safety and environmental health.

1 What's the most rewarding part of leading ECETOC's board this year?

The people. The energy, commitment and drive of all people in ECETOC is truly inspiring and invigorating. I would like to thank the ECETOC Team – Blanca Serrano Ramón, Lucy Wilmot, Sergio León Pérez, Andrea Salvadori, Francesca Uguccioni, Megan D'souza, Victor Barceló Navarro and Anne Vallès-Meunier: thank you for being the engine of ECETOC, you are fundamental to the organisations success. In addition I would like to thank all members of the ECETOC Board, Scientific Committee, member delegates, Task Force and Workshop participants: thank you for bringing your insights, experience and expertise that are the basis for the solutions and outcomes we deliver. Being surrounded by all these people in an atmosphere of constructive challenge, collaboration, and friendship has been truly rewarding.

2 What external factors (e.g., policy changes, economic shifts, global trends) would you say characterized our sector in 2024 and how did Ecetoc respond?

2024 has been a turbulent year, where geopolitics have influenced energy costs, supply chains, and policy. The result is that industry in Europe is struggling, against a backdrop of increasing regulations. 'Realism' is the best approach, meaning facing the reality that 1 – we need to protect human health and the environment, 2 – we continue to need the broad range of chemicals (industrial chemicals, performance chemicals, agrochemicals, cosmetics, food, pharmaceuticals, etc) for society to function and to support the energy transition; and that 3 – industry in Europe is struggling and transition to more sustainable chemicals is complex, costly, and takes time. Within this context, ECETOC acknowledges these realities and is a constructive partner in delivering solutions. An example includes the ECETOC 'Proposal for a three-tiered approach for targeted information requirements for polymers as well as Considerations on polymer risk assessment', anticipating future regulatory requirements. For the next iteration of this work we have to challenge ourselves to translate the science into a pragmatic framework addressing the unique challenges associated with polymers in the linear and circular economy.

3 How has the board worked to support the organization's mission and long-term vision in this context?

The strength of this Board is their Diversity. Board members represent a broad range of industries and this allows the Board to explore the challenges through different lenses. The open and honest conversations help us to adjust the direction of travel and to be agile in reassessing priorities as needed. In addition, we have full trust in the Scientific Committee that is translating the direction in actionable scientific programmes, workshops and taskforces. Last but not least, the Board's openness to understand the challenges that regulators are trying to navigate, and what NGOs are trying to achieve and why. Only in this way ECETOC can craft solutions that work for all stakeholders.

4 What were the most significant strategic and governance decisions for the organization?

From a strategic perspective we have established clarity in our priorities, defining flagship topics (New Approach Methodologies, Exposure science, Long-term environmental fate, Grouping principles) and emerging specific topics including Polymers risk assessment and Endocrine disruptors. Being clear on the strategic priorities helps the Scientific Community to select and prioritize the scientific proposals being brought forward by Members. The Board will review the priorities again in 2025 in the context of the new geopolitical, economic, environmental and regulatory reality. We cannot afford to be complacent.

From a governance perspective we have reviewed our membership categories and added the 'associate member' category, allowing a more diverse membership and true tri-partite collaboration. We have also critically reviewed the terms for executive roles in the Board and Scientific Committee, establishing fixed terms for duration in role enabling different leaders with new perspectives taking the helm.

From an organizational perspective we have our basics right, mainly due to the diligence of our secretary general Blanca Serrano Ramón. The basics, including the organizational structure, the people, the accounts, and the processes are the fundament for a healthy organization. I am proud that ECETOC is financially healthy and staffed with excellent people with the correct processes in place to run our programmes, task forces, and workshops effectively.

All these changes have allowed ECETOC to make timely and meaningful contributions to chemical safety assessment, solving today's challenges and preparing for the challenges of tomorrow.

5 What is one challenge you believe the organization navigated particularly well?

I am really proud of how ECETOC has established itself as a trusted, tri-partite, collaborative, and solutions-driven organization. Trust takes years to build and seconds to break. By consistent delivery of science-based solutions, open dialogue and clear communication we are a trusted partner for regulators and authorities. This is also reflected by our membership: we have opened membership to competent authorities, and research organisations, hereby enriching the science conversations and coming to better solutions. As we have seen increasing polarization in science, especially around the theme of conflict of interest, I am proud of how ECETOC has been able to navigate this constructively.

6 Building on what was accomplished in 2024, what key priorities or shifts in strategy should stakeholders be aware of?

ECETOC will continue to build on the 'realism' reflected on at the beginning of this conversation. This means that solutions should meet the following criteria: 1 – the solution should lead to better protection of human health and the environment; and 2 – the solution should be pragmatic, science-based,

effective and efficient. Looking at the realism and criteria for solutions, ECETOC will give priority to topics that lead to improved protection of human health and the environment and that could lead to solutions that can be implemented without adding excessive burden to companies. In this context, the use of Artificial Intelligence in chemical safety assessment has ample potential. It is already used for several aspects in safety assessment and I would see ECETOC helping to give AI a structured role in it, supplementing expert judgement. With Endocrine Disruption being embedded in EU Regulations, there is momentum now to ensure that chemical assessments for this endpoint are feasible and predictive. This requires all stakeholders to collaborate and align on the most optimal assessment strategies. In 2024 ECETOC delivered a workshop entitled 'Testing, Assessment and Classification of Thyroid Hormone Disruptors', and started science work on non-EATS modalities, and hepatic nuclear receptor activation. We will see these activities, including participation in Partner Expert Groups continuing with priority in 2025.

7 What's one thing ECETOC offers that members might not be fully aware yet?

One unique benefit that ECETOC offers, which members might not be fully aware of, is the training and professional development opportunities for young scientists. Through participation in Task Forces, Workshop Organising Committees, and Research Monitoring Teams, young scientists can enhance their skills, expand their professional networks, and gain valuable experience working alongside top industry, academic, and regulatory experts. We have created the opportunity for a (part-time) secondment that not only helps in nurturing the next generation of scientific leaders but also ensures that our members' organizations benefit from extensive networks, and the latest scientific knowledge and innovative approaches in chemical safety and environmental health.

Another opportunity I would like to highlight is that ECETOC would welcome a representative from the pharmaceutical sector to join the Board. As European regulations continue to evolve (REACH, Extended Producers Responsibility, Water Framework Directive) and also impact the pharmaceutical sector, they can benefit from the experience of other sectors that have extensive experience in these areas. The other way around, other sectors can benefit from the breadth of knowledge in safety testing and human-relevant safety assessment models developed by the pharmaceutical sector. This cross fertilisation can strengthen ECETOCs capability and enlarge its impact.

8 What message would you like to share with our current and potential new members about the organization's trajectory?

ECETOC is on an exciting trajectory, driven by our commitment to scientific excellence and innovation in the field of chemical safety and environmental health. We have a pivotal role to play in building trust in chemical safety and in providing pragmatic solutions that enable the safe use of chemicals. Especially in these challenging times ECETOC can be the scientific bridge between policy and implementation.

To our current members, your continued support and active participation are the backbone of our success. Together, we have made significant strides in advancing research, fostering collaboration, and developing solutions. Your expertise and dedication are invaluable as we navigate the evolving landscape of chemical safety.

To potential new members, joining ECETOC means becoming part of a dynamic and forward-thinking community. We are dedicated to addressing the most pressing challenges in our field through rigorous science and collaborative efforts. Your fresh perspectives and innovative ideas are crucial as we strive to make a positive impact on public health and the environment.

Looking ahead, ECETOC is focused on expanding our research initiatives, enhancing our global partnerships, and driving impactful change through evidence-based science. We are committed to fostering an inclusive and collaborative environment where every members' contribution is valued.

The strength of this Board is their diversity. Open and honest conversations help us to adjust the direction of travel and to be agile in reassessing priorities.

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.

RE-ELECTION OF BOARD MEMBERS AT THE 2024 ANNUAL GENERAL MEETING:

Patrick Masscheleyn (Procter & Gamble) and Arndt Wellmann (Bayer) were re-elected to the ECETOC Board.

ELECTION OF BOARD MEMBERS AT THE 2024 ANNUAL GENERAL MEETING

Peter Campbell (Syngenta Crop Protection) and Simone Kopping (BASF) were elected to the ECETOC Board.

ECETOC BOARD MEMBERS IN 2024

CHANTAL SMULDERS Shell International (Chair)

VOLKER SOBALLA Evonik Industries (Vice-Chair)

NICHOLAS BALL Dow Europe (Treasurer)

ROBERT BARTER ExxonMobil Biomedical Sciences

PETER CAMPBELL Syngenta Crop Protection

SIMONE KOPPING BASF (until Oct 2024)

DOROTHEE FUNK-WEYER (from Oct 2024)

PATRICK MASSCHELEYN Procter & Gamble

RESA RASOULPOUR Corteva Agriscience

ARNDT WELLMANN Bayer

Report from the Secretary General



Dr. **BLANCA SERRANO RAMÓN**
Secretary General

2022

My vision is for ECETOC to continue deepening its role as a bridge between science and regulation, ensuring our work remains grounded in the best available evidence and directly relevant to policy needs.

1 How has the organization evolved in 2024 in terms of operations, partnerships, or internal culture?

This year we introduced the **Associate Membership** model, open to individual experts and organisations from academia and regulatory bodies. This is a very significant step that allows these sectors to formally engage with ECETOC as members., reflecting the vital contribution that they make to our work and opening the door to deeper, more sustained collaboration.

We've also consolidated our internal team to ensure we have the right support in place for our growing number of task forces and scientific workshops.

Personally, I'm extremely proud of the entire team. Their commitment to creating a collaborative, solutions-focused atmosphere, both within the office and across our external networks, has been instrumental in our ability to deliver impactful work throughout the year.

2 Can you share a challenging moment and how the organization reacted to it?

A major challenge this year has been the surge in activity around the REACH revision, despite ongoing uncertainty about its direction. Addressing complex topics like ED, SSbD, exposure science, NAMs, and AI has required expertise beyond our traditional networks.

We've responded by actively broadening our reach—engaging new scientific communities, increasing our visibility, and creating more opportunities for external experts to contribute. This has helped us stay relevant and ready to support regulatory developments with solid, cross-disciplinary input.

3 What stands out to you as the biggest organizational achievement over the past year?

A key achievement this year has been the development of a comprehensive dissemination strategy to give greater visibility to the excellent work produced by our task forces. Whether it's a manuscript, a risk assessment framework, a tool or a workshop, we want to ensure our outputs are seen, shared, and considered by the right audiences.

This is not a one-off effort but a continuous task, and the constructive feedback from our Scientific Committee has been particularly valuable in shaping our approach. While it will take time to fully implement, I'm confident we'll begin to see the benefits in the months ahead.

4 The General Meeting approved a new statute back in June. What changed and how will this strengthen the organization?

The revised statute modernised our governance structure, clarified roles and responsibilities, and gave us more flexibility in how we engage with stakeholders outside of our traditional membership base. It's a practical step toward being more inclusive and responsive, especially as our work increasingly intersects with broader societal and regulatory priorities.

5 Collaboration is key in scientific progress. What would you say was the best example of collaboration made possible by ECETOC?

Our aim is for every ECETOC activity to be a model of collaboration, bringing together expertise from across sectors to tackle complex scientific and regulatory questions. The ongoing coordination and updates of our TRA tool are a clear example of this, but there were also other relevant instances in 2024:

The Polymer Analytics Task Force brought regulators, academics and industry together to address long-standing inconsistencies in how polymers are characterised for safety assessment. Through open exchange and joint problem solving, the group aims to develop harmonised recommendations that will be critical for regulatory alignment in the years ahead.

Similarly, the Biodiversity Task Force demonstrated the value of multidisciplinary collaboration by linking ecotoxicologists, modellers and policy experts to explore how chemical risk assessment can better account for impacts on biodiversity, a timely and ambitious topic.

Finally, our workshops continue to be one of the most effective ways we foster collaboration. They provide a neutral space for honest discussion, rapid exchange of ideas and practical coordination across stakeholder groups.

Together, these examples reflect ECETOC's ongoing commitment to collaborative science that is both high quality and solution oriented.

6 What is your vision for the organization in the coming year, and how can the scientific community play a role in making it happen?

My vision is for ECETOC to continue deepening its role as a bridge between science and regulation, ensuring our work remains grounded in the best available evidence and directly relevant to policy needs. This means expanding our collaborative platforms, encouraging more inclusive science and policy dialogue, and finding new ways to make our frameworks and tools more accessible and impactful.

We want to ensure that our activities continue to address both current and emerging regulatory needs, incorporating the latest scientific developments from academia alongside the practical insight of industry scientists who will be applying these requirements in real-world contexts.

The scientific community plays a central role in making this vision a reality, by participating in our task forces, testing and refining our tools and frameworks, and helping us stay ambitious and grounded at the same time.

7 As Secretary General, what is one lesson you've learned in the past year that will shape the way we move forward?

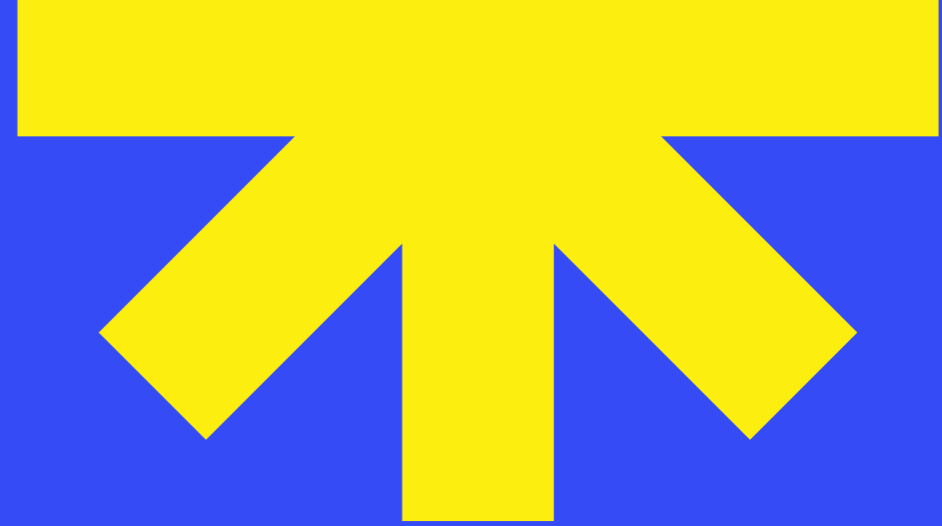
One of the key lessons this year has been the value of creating space for co-creation. Whether in task force design or digital tool development, involving

stakeholders from the outset leads to more meaningful, usable outcomes. This approach strengthens both the scientific quality and the relevance of our work, and I intend to embed it more deeply into how we scope, plan and deliver every initiative.

On a more personal level, I have learned just how important a cohesive and supportive team is to navigating challenges. Especially in today's fast-paced and often unpredictable geopolitical environment, having a team that communicates well, shares responsibility and supports one another is essential to staying focused and resilient. I am truly grateful to the ECETOC team for embodying these values every day.

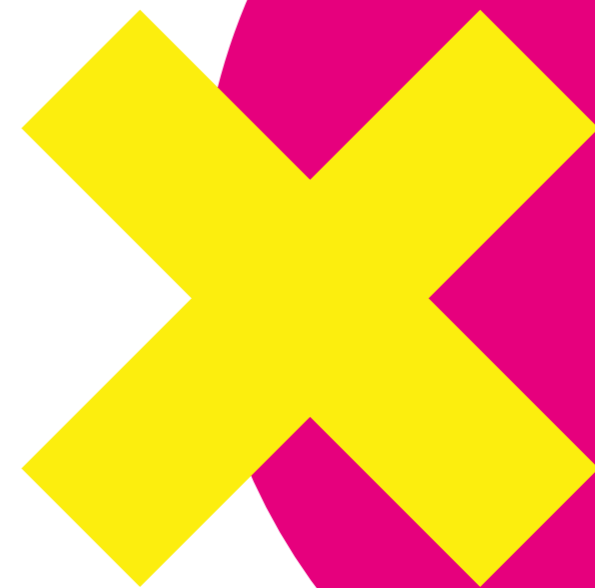


We want to ensure that our activities continue to address both current and emerging regulatory needs, incorporating the latest scientific developments from academia alongside the practical insight of industry scientists who will be applying these requirements in real-world contexts.



Science Programme

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Forward from the Scientific Committee Co-Chairs



Dr. **JOHANNES TOLLS**



Dr. **DAVID ROUQUIÉ**



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1 From a scientific perspective, what were the most exciting developments or breakthroughs in our work in 2024?

JT: It's noteworthy how ECETOC experts managed to start two transformational programmes in the same year. One of them, 'Next generation environmental risk assessment (NG(E)RA)', on the timely topic of NAMs, is now running at full speed.

DR: The various Task Forces working diligently on proposals for the concrete implementation of New Approach Methodologies (NAMs) in collaboration with academia, NGOs, and regulatory bodies have made significant progress in 2024. Their contributions are setting scientific standards and enriching the ongoing debate

2 What trends did you see arising last year – and how did the organization react?

JT: 2024 was the year of AI, across every sector. ECETOC dove right into it and explored the conditions under which AI can become a useful and trustworthy resource in safety assessment.

DR: I agree, ECETOC was once again at the forefront of emerging topics in chemical risk assessment with the organization of the AI workshop in October. Clear recommendations were proposed for the robust and trustworthy use of these tools, which are and will continue to influence our lives in chemical safety and beyond.

3 Were there any specific challenges for the Scientific Committee, and how did you work through them?

JT: Working in a fast-moving sector and with new challenges always on the horizon, I think that our main hurdle is prioritizing and accepting that we cannot take on an unlimited number of activities. In this light, we made a conscious attempt and turned down some interesting – yet not strategic – proposals from the Scoping Meeting, late in 2024.

DR: Yes, prioritization is a challenging task, but the remarkable support from the ECETOC office helped in making some difficult decisions to either not initiate or discontinue certain activities. Let's not forget that we are running over 20 activities and workshops – and all of this thanks to the input of volunteers and coordinated by a very small Secretariat!

4 In your opinion, what is the most impactful scientific achievement from the past year?

DR: I would like to highlight the organization of the joint ECETOC/RSA workshop on the T4 Task Force. Beyond the scientific papers already published, this workshop demonstrated ECETOC's significant contribution to such a complex scientific topic.

JT: I think that the work of the 'Dose selection' Task Force deserves a special

mention, for the extensive work conducted, its fruitful collaboration with new partners (such as NC3Rs) and for its impact: let's not forget that it was one of the triggers for ECHA to start refining their guidance on dose selection.

5 Which ECETOC project are you personally most proud of and why?

DR: Personally, being part of the organization of the AI workshop was a highlight of 2024. The program, the questions, and the opinion leaders we managed to have as participants were very rewarding.

JT: There are two for me:

- Establishing the polymer analytics team under the ECETOC umbrella; I am confident that this group's findings will provide for a solid, fact-based foundation to discuss 'REACH for polymers'. On top of it, it will be yet another great opportunity to strengthen our relationship with ECHA.
- The cooperation with the Dutch and the Canadian authorities on SimpleTreat. This cooperation was instrumental in dissipating the criticism of the Canadian authorities of SimpleTreat voiced at the OECD. If that criticism had not been dealt with as smoothly as ECETOC did, almost all environmental risk assessments done under REACH would have been questioned.

6 What excites you most about the future of our work, and what possibilities do you see for more experts to support its growth?

DR: I see an important role for ECETOC in connecting the various stakeholders involved in chemical risk assessment, grounding the ongoing debates in scientific evidence.

JT: The flash report on the use of AI excites me because it makes me wonder how the data ownership barriers to sensible application of AI in chemical safety can be overcome.

7 If you could rally the global regulatory science community around one key issue, what would it be and why?

JT: Working together to distill all the learnings from past toxicity testing and make them useful for prediction (using AI). Why? Because then we'd have two clear trajectories lined up: one half of the experts could focus on NAMs while the other half could refine exposure assessment.

DR: I would add that nurturing trust within the global regulatory science community is of tremendous importance to facilitate exchanges, foster cooperation, and fully exploit collective intelligence in these times of rapid scientific and technological advancement.

2024 Areas of Work

LEGEND / ICON SET

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



Meeting

Task Force

Report or Publication

Transformational Programme

Tool

Video

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ECETOC and Cefic LRI Scoping meeting 2024

ECETOC held a Scoping Meeting in September 2024 in Brussels, in collaboration with Cefic LRI, to review, discuss and prioritise future ECETOC activities as well as Cefic LRI research projects.

As in the 2022 Scoping Meeting, environment and human health activities were considered together and the format comprised short pitches followed by dedicated breakout group sessions to further discuss and refine.

Eight ECETOC activities were proposed, relating to chronic fish integrated testing strategy, biotransformation database, cross-species extrapolation, planetary boundaries, circulate economy, EUSES update for local scenarios, polymers and immunotoxicity. Six of these are already being progressed – Keep a look out for Calls for Nominations!



- Gain an overview of the “state of the art” in AI Technologies and Applications
- Identify opportunities and challenges for AI application in chemical safety assessment.

Thirty participants attended in person with over 100 joining online. Attendees represented a diverse mix of professionals from regulatory agencies, policy making bodies, academia, and industry, reflecting a broad spectrum of expertise and perspectives on the integration of AI in chemical safety assessment.

A workshop Flash Report has been drafted and is scheduled for publication early 2025. A peer-reviewed publication in a scientific journal may also be developed. The Organising Committee and the ECETOC Scientific Committee are actively exploring how ECETOC can best contribute to advancing the use of AI in chemical safety assessment.

ECETOC Debate and Extraordinary General Meeting

On the morning of 23rd May, prior to the 2024 EGM that afternoon, ECETOC hosted an interactive [debate on the next steps needed on the road to safe and sustainable by design](#). The session comprised a [Keynote presentation](#) from Prof Peter Fantke, followed by a panel discussion with representatives from SSbD Consulting, DG RTD and Dupont.

It was highlighted that SSbD is a voluntary and flexible framework but presents challenges in terms of resources required to conduct SSbD assessments and some aspects (e.g. the socioeconomic principles) are still to be developed.



Biodiversity

The Task Force [Assessing risks to biodiversity from exposure to chemicals made significant progress in 2024](#), working in the following three subgroups: Chemical regulation and EU strategy documents; EU-commissioned research projects; Biodiversity definitions, metrics, analysis tools.

Outreach:

Initial findings were presented at the 2024 SETAC Europe Annual Meeting in Seville ([platform](#), [poster](#) and [poster](#)) and 2024 SETAC North America Annual meeting in Fort Worth ([platform](#) and [poster](#)), and an abstract was submitted to present the work at the 2025 SETAC Europe Annual Meeting in Vienna.



AI in chemical safety assessment

ECETOC held a workshop entitled ‘Integrating AI into chemical safety assessment – Opportunities, challenges, and the path forward’ in October at the Bayer CropScience offices in Sophia Antipolis, France.

The [presentations were recorded and can be viewed here](#) on the ECETOC website.

The workshop brought together key experts in the field of application of AI in chemical safety assessment, and aimed to:



Endocrine Disruption

T4 TASK FORCE

The [T4 \(thyroxine\) Task Force](#) started work in 2018 and has been investigating the potential link between imbalance in maternal thyroid hormones, particularly T4, and impaired neuronal development in offspring.

The Task Force published their fourth and last manuscript in the series last year ([Sauer et al., 2020](#), [Marty et al., 2021](#), [Marty et al., 2022](#), [Melching-Kollmuss et al., 2023](#)) which puts forward a proposal for a Thyroid Function-Related Neurodevelopmental Toxicity Testing and Assessment Scheme (Thyroid-NDT-TAS).



To conclude the work done by the T4 Task Force ECETOC and [RSA \(Regulatory Science Associates\)](#) organised a multi-stakeholder workshop intended to build on work undertaken by ECETOC and propose future options for improving the evaluation of thyroid hormone related neurodevelopmental toxicity, including the proposed ECETOC testing and assessment scheme. The [workshop entitled 'Testing, Assessment and Classification of Thyroid Hormone Disruptors'](#), organised jointly by ECETOC and RSA, was held in person in Copenhagen on September 8th prior to EUROTOX 2024 as an official satellite symposium. Presentations are available on the [workshop webpage](#). A flash report was produced and will be published early 2025.

SUBSTANCES THAT ACTIVATE VARIOUS LIVER RECEPTORS AS ENDOCRINE DISRUPTORS

The Task force on [Substances that activate various liver receptors as EDs](#) continued in 2024. Its work is focused on hepatic nuclear receptor activation inducing liver enzymes that accelerate the metabolism of xenobiotics potentially also affecting the metabolism of hormones (sex steroid hormones in focus).

At the beginning of the year, a data filtering strategy was proposed to help identify relevant compounds. Public databases were screened for MIE/ interaction with steroid receptors/enzymes. Literature and company data was examined for relevant compounds with endocrine effects such as reproductive organ tumours, hormone changes or liver effects.

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

T4, and impaired neuronal development in offspring.

POPULATION RELEVANCE FOR NON-TARGET ORGANISMS (NTOS)

The Expert Group [Population relevance for NTOs per EU Endocrine Disruption Criteria](#) finalised and submitted their manuscript on guiding principles to establish population relevance of endocrine-mediated adverse effects. The manuscript is scheduled for publication in IEAM early 2025.

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

A new Task Force State of the Science and Next Steps for Non-EATS Modalities (metabolic disorders) was kicked off in April 2024. 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-up for the peer-reviewed publication.

ECHA ENDOCRINE DISRUPTOR (ED) EXPERT GROUP

As an ECHA Accredited Stakeholder Organisation, ECETOC continued to



participate in the ECHA ED Expert Group via nominated expert Nina Hallmark (Bayer), who provides regular updates to the Scientific Committee on the discussions therein, especially those of particular relevance to the ECETOC activities.

In August 2024, ECETOC contacted Delegates to invite nominations to take on the role of ECETOC's nominated expert to the ECHA ED EG from the beginning of 2025. Later in the year, it was decided to establish an ECETOC Shadow Group to support the nominated expert, and Delegates were contacted accordingly.

ECHA PEG FOR NEW ED HAZARD CLASSES UNDER CLP

ECHA continued to consult with the Partner Expert Group (PEG) on the new ED hazard classes in preparing the updated Guidance on the Application of the CLP criteria (published November 2024). ECETOC **contributed to the PEG** via nominated experts James Wheeler (Corteva) and Helen Tinwell (Bayer), who liaised with an ECETOC Shadow Group to prepare comments for submission to the PEG. Comments included recommendations relating to an unrealistic burden of proof to demonstrate when findings are not specifically endocrine mediated as well as deviation from established guidance and the Test Guidelines.

Outreach:

The non-EATS Task Force submitted a proposal for the symposium of the SOT 2025 conference which will be held in Orlando, Florida.

The non-EATS Task Force intends to host a workshop in 2025 with the intention of bringing together experts in toxicology, endocrinology, epidemiology, regulatory science and academia to explore ways to increase confidence in addressing non-EATS-related effects, particularly those associated with metabolic disorders such as diabetes, obesity and non-alcoholic fatty liver disease.

Expert Group [Population relevance](#) for NTOs per EU Endocrine Disruption Criteria presented a draft version of the guiding principles for establishing population relevance were presented at the [2024 SETAC Europe Annual meeting in Seville, Spain](#).

NAMs

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

A new Transformational Programme 'Next generation environmental risk assessment (NG(E)RA)' was kicked off in January. The group of experts leading this initiative agreed to focus on development of a NG(E)RA concept/framework using an intelligent systems-based approach integrating key knowledge on exposure as well as mechanism of toxicity.

NAMS (HUMAN HEALTH) TRANSFORMATION PROGRAMME

The Transformational Programme 'Development of an Integrated Approach for Chemicals Assessment' has continued its activities to support the Staged Assessment TF and the Smart Studies TF advance in the integration of next generation risk assessment approaches, such as NAMs, into chemical hazard and risk assessment. The group is also helping with the newly established Shadow Group for the Human Health Commission Roadmap towards phasing out animal testing working group.

The group plans to conclude its activities with a workshop once all remaining Task Force deliverables are completed. During the workshop, a follow-up Transformational Programme will be outlined.

STAGED ASSESSMENT TASK FORCE

The Staged assessment for low tonnage chemicals Task Force continued their work from last year. The Task Force aims to evaluate the application of the staged assessment framework developed in the above Transformational Programme, incorporating *in silico*, *in vitro* and targeted *in vivo* methods, to increase the level of knowledge for substances in lower REACH tonnage bands.

The Task Force continued its involvement in the European Partnership for Alternative Approaches to Animal Testing (EPAA) designation, on NAM-based solutions for classification and labelling, participating in the EPAA workshop in early 2024 and follow-up working groups and steering team created to address the key topics raised throughout the designathon. Additionally, the Task Force contributed to EUROTOX with a poster and is set to publish its first peer-reviewed article in early 2025.

SMART STUDIES TASK FORCE

Similarly the Smart *in vivo* studies Task Force carried on from last year aiming to explore the opportunities for extended or 'smart' *in vivo* studies, i.e. *in vivo* studies that employ new OMICs technologies or different endpoints from conventional studies, with the overall aim to advance *in vivo* studies by minimizing the amount of animal tests performed and optimizing methodologies.

This will entail improved data gathering and eliminating redundant *in vivo* tests, overall providing a higher level of confidence to facilitate their application in chemical safety assessment. The Task Force has finished the data collection



stage and is beginning the write-up for a peer review paper.

OMICS DATA INTERPRETATION TASK FORCE

The Task Force titled 'Good Practices in 'Omics Data Interpretation for Regulatory Application' continued its work in 2024 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 reviewing selected case studies.

CONTRIBUTIONS TO THE COMMISSION ROADMAP TOWARDS PHASING OUT ANIMAL TESTING

ECETOC has been participating in the following two initiatives that kicked off in 2024 relating to the Commission Roadmap towards phasing out animal testing:

- EPAA Environmental Safety Assessment team
- Commission working group on environmental safety assessment
- Commission working group on human health safety assessment

The EPAA Environmental Safety Assessment team comprises experts from industry, regulatory/policy bodies, academia and NGOs. The team is developing short documents on state of the science and recommendations for implementation of non-animal methods for environmental toxicity and bioaccumulation in chemical safety assessment regulations. The team is also considering options for a longer-term paradigm shift in environmental safety assessments. The findings will be submitted to the Commission working group on environmental safety assessment.

The Commission working groups comprise mostly Commission, Agencies and NGOs, as well as ECETOC and EPAA. The Commission working groups will provide input to the development of the Roadmap, which will be drafted by the Commission and Agencies (publication anticipated for Q4/2025-Q1/2026).

Shadow groups have been established within ECETOC for each of the Commission working groups, and the NG(E)RA Transformational Programme members are providing input to the EPAA work on a longer-term paradigm shift in environmental safety assessments.

Outreach:

The NAMs (Human health) Transformation Programme with the support of the Staged Assessment TF and the Smart Studies TF

presented the overall work on NAMs in ECETOC at the 2024 European Environmental Mutagenesis and Genomics Society (EEMGS) Congress in Rovinj, Croatia.

The [Staged Assessment TF](#) presented their work in a poster at the 2024 EUROTOX Congress in Copenhagen, Denmark and at the 2024 EPAA Designathon workshop in Ispra, Italy. They also submitted an abstract of their work for the 2025 SOT Annual Meeting in Orlando, Florida.

The [Smart Studies TF](#) presented their work in the HESI Symposium session at the 2025 SOT Annual Meeting in Orlando, Florida.

A report of the November 2023 ECETOC workshop [Chronos and Kairos – Understanding time in biology: Time4NGRA](#) was published in September 2024. This workshop brought together toxicologist, modellers and risk assessors to discuss how time affects toxicity testing, focusing on exposure timing, duration, frequency, and damage buildup and developed recommendations for how to incorporate time considerations in toxicity testing used in next-generation risk assessments (e.g. in vitro assays). The workshop presentations are available for download on the workshop webpage.

Particulate Material

AQUATIC TESTING OF PARTICULATE MATERIAL

The Expert Group [Strategies to overcome challenges](#) in aquatic testing of particulate material published their manuscript setting out current status and challenges in particulate material aquatic testing approaches and putting forward options to overcome these challenges in July 2024: [Luederwald et al., 2024](#).

PBT

DEGRADATION SIMULATION STUDIES

The Task Force [Building knowledge from available degradation simulation studies](#) was very active in 2024, collating a substantial database of degradation simulation studies, including metadata, and starting to analyse

the data to identify influencing factors driving results. They also started to draft recommendations for a read-across / grouping strategy for persistence assessment.

Outreach:

A [poster](#) on the progress and findings so far was presented at the 2024 SETAC Europe Annual Meeting in Seville, and abstracts were submitted to present the work at the 2025 SETAC Europe Annual Meeting in Vienna.

Polymers

The foundational work of the ECETOC Task Force [Assessing the human health and environmental safety of polymers](#) came to a close, with posters presented at the 2024 SETAC Europe Annual Meeting in Seville the [Proposal for a three-tiered approach for targeted information requirements for polymers](#) as well as [Considerations on polymer](#) risk assessment.

In line with previous work, a new Task Force on Polymer Analytical Sciences was launched in October. “Evaluation, development and standardization of needs and methods for analyzing polymer properties necessary for safety assessment” is an ECETOC initiative following the extension of REACH registration to polymers being discussed in the revision of REACH, as part of the European Green Deal and Chemical Strategy for Sustainability

The aim of the ECETOC Polymer Analytics Task Force is to discuss the relevance and evaluate, develop, and standardize methods for analyzing polymer properties applicable for polymer safety assessment. The expert group, formed by members of industry, academia and regulatory bodies, has already kicked-off its work by tackling expertise that includes the analytical characterization and physio-chemical properties for the safety assessment of polymers.

Additionally, another [Task Force on “The application of risk assessment principles to plastic additives: state of the science and considerations for circularity”](#) started. Leveraging previous work initiated within ICCA, a varied expert group was put together by ECETOC. The aim is to address the critical need of developing risk-based solutions that are applicable to the circumstances unique to chemicals in polymer matrices and their increased recyclability to ensure safe use. The Task Force produced a scientific briefing paper presented at INC-5 (fifth session of the Intergovernmental Negotiating Committee) in November and is continuing the work to publish several manuscripts that will eventually lead to the development of a framework addressing the unique challenges associated with polymers in the linear and circular economy.



Toxicology Testing

DOSE SELECTION TASK FORCE

The **Dose selection in toxicity studies** Task Force's manuscript on state of the science for **dose selection in developmental and reproductive toxicology (DART) studies**, including the **2022 ECHA advice on dose-level selection for sub-acute and sub-chronic assays under REACH**, was published in February: Lewis et al., 2024.

The Task Force presented posters summarising the findings and recommendations at the **2024 SOT Annual Meeting in Salt Lake City, Utah** and at the **2024 EUROTOX Congress in Copenhagen, Denmark**. A Satellite Workshop on dose level selection for DART studies was also held at EUROTOX, co-organised by the NC3Rs, ECETOC, Charles River Laboratories and ECHA – See [here](#) for the workshop report.

Proposals for sessions and posters were submitted for the 2025 SOT Annual Meeting in Orlando, Florida and the 2025 EUROTOX Congress in Athens, Greece.

SCIENTIFIC PERSPECTIVE ON IN VIVO DNT TESTING TASK FORCE

A new Task Force Scientific Perspective on in vivo DNT testing was kicked off in February 2024. 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 has passed the data collection stage and is currently in the process of drafting the peer-reviewed publication.

RESPIRATORY SENSITISERS TASK FORCE

The Task Force on Use of clinical data in identification of respiratory sensitisers submitted their manuscript on findings and recommendations regarding use of clinical data in classification of respiratory sensitisers. The manuscript is scheduled for publication in Critical Reviews in Toxicology in early 2025 and abstracts were submitted to present the work at the 2025 SOT Annual Meeting in Orlando, Florida and the 2025 EUROTOX Congress in Athens, Greece.

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TRA (Targeted Risk Assessment) tool and exposure activities

A new Transformational Programme '**Elevating exposure science in chemical safety assessment**' was kicked-off in October.

This Programme was established as a follow-up to the ECETOC workshop '**Elevating exposure science in chemical safety management**' held in October 2023, where a number of opportunities were identified to facilitate and elevate the use of exposure science in chemical safety assessment.

The Programme aims to:

- Facilitate greater implementation of exposure-led approaches in chemical risk assessment and management;
- Maintain and develop the ECETOC **Targeted Risk Assessment (TRA) tool**;
- Encourage increased consideration and acceptance of exposure information, including the ECETOC TRA tool;
- Facilitate advanced readiness of exposure assessments in the context of circularity and sustainability.

The Transformational Programme coordination team oversees the ECETOC activities relating to exposure science, identifies new focus areas and fosters synergies with other relevant initiatives such as ISES-Europe, PARC etc.

Regarding the **ECETOC TRA tool**, ECETOC has contracted **ProtoQSAR** to **migrate the Environment TRA tool from its current form (series of excel spreadsheets) into an easier-to-use standalone application**. The aim is to maintain the current functionality/flexibility of the tool. The tool will also be updated in line with recent Chesar updates (e.g. update to SimpleTreat and inclusion of in-sewer removal). Similar migrations for the Worker and Consumer TRA tools will be considered in the future. The **TRA Task Force – Environment branch** is maintaining a regular dialogue with the ProtoQSAR experts. The **TRA Task Force – Environment branch** also submitted their manuscripts on the **literature review on assessment of humans exposed indirectly via the environment as well as the collaborative project with the National Institute for Public Health and the Environment in The Netherlands (RIVM) and Environment and Climate Change Canada (ECCC) on application of the SimpleTreat model**.

The [TRA Task Force – Worker branch](#) continues to work together to identify further opportunities to improve performance, application and trust in the TRA Worker tool.

The Task Force ‘Developing a Tier I tool for safety dimension assessment (human health and environment) under the Safe and Sustainable by Design (SSbD) framework’ kicked off in July, but rescoped near the end of the year and early 2025 into [‘Evaluation of a comparative safety assessment approach for mixtures’](#). The overall approach remains within circularity and sustainability. The current objective is to develop a comparative safety assessment approach for mixtures, applicable across multiple categories and life cycle stages. The first deliverable is expected for the end of 2025.

ECETOC is also collaborating with [ISES-Europe](#) and the [Institute of Occupational Medicine \(IOM\)](#) in the UK to develop the [FAIR Environmental Health Registry \(FAIREHR\) platform](#), which 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 platform is anticipated to launch in 2025.

Outreach:

The TRA Task Force – Worker presented their work on the updated TRA Worker tool at the [2024 ISES-Europe Conference](#) in Berlin, Germany ([Slides](#)) and in Kuala Lumpur, Malaysia.

The new Transformational Programme [‘Elevating exposure science in chemical safety assessment’](#) was also presented at the ISES Conference in Berlin.

The [TRA Task Force – Environment branch](#) will present their recent and anticipated future work at the 2025 SETAC Europe Annual Meeting in Vienna.



4.5

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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

Awards

ENVIRONMENTAL SCIENCE RELATED AWARDS

Each year, ECETOC sponsors the **Best Student Platform Presentation Award** at the SETAC Europe Annual Meeting. In 2024, the award was granted to Laura Zeppetelli-Bédard, University of Quebec in Montreal (UQAM), Canada for her presentation: "Associations Between Dietary Fatty Acid Tracers and Blubber PCB Concentrations in Eastern Beaufort Sea Belugas".

ENVIRONMENTAL 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 2024 congress in Copenhagen, two researchers were highlighted for their work: RIVM's Nathalie Dierichs's abstract: "Development of an innovative human-based testing battery for assessing thyroid hormone mediated developmental neurotoxicity" was highly Commended by the jury, while Nadia Herold (Helmholtz Centre for Environmental Research GmbH – UFZ) received the 1000€ cash prize for her work "Multi-behavioral fingerprints in larval zebrafish can identify neuroactive environmental chemicals and underlying mechanisms". Upon receiving the prize, Nadia commented: "I am deeply honored and grateful to receive the **ECETOC Christa Hennes Early Career Award**. It means a lot to me to have my work on multi-behavioral fingerprints in larval zebrafish recognized in this way."

Tools

Ecetoc launched and manages 3 practical tools to help practitioners:

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.

Participation in Committees Projects and Partnerships

In addition to the outreach activities mentioned under the above activities, ECETOC has also participated in the following:

- **International Advisory Board for the Partnership for the Assessment of Risks from Chemicals (PARC)**
- **Advisory board for SUNRISE (Safe and sustainable by design: integrated approaches for impact assessment of advanced materials)**
- **Project partner for CHIASMA (Accessible Innovative Methods for the Safety & Sustainability Assessment of Chemicals & Materials)**
- **Advisory Board for PINK (Computational Approaches for SSbD)**
- **Persistent Organic Pollutants Review Committee (POPRC), as Observer**
- **Competent Authorities for REACH and ECHA RAC**
- **ECHA Biocidal Products Committee, as Stakeholder Observer**

ECETOC Contribution to CEFIC long-range scientific initiatives

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;
- 6 Information on the Cefic LRI projects active, completed or initiated in 2024 is set out in the following pages.

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Information on the Cefic LRI projects active or initiated during 2024 is set out in the following pages.



Human Health and Exposure projects active or initiated in 2024

2 projects were completed during 2024 (marked below with ✓)

B24

Modeling exposure and biodistribution of microplastic particles in the human body

✓ C5

XOMETOX - Evaluating multi-omics integration for assessing rodent thyroid toxicity. Principal investigator: Dr. Jorg Hackermuller, Helmholtz Centre for Environmental Research (UFZ), DE

C8

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

✓ C10

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

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Environmental projects active or initiated in 2025

6 projects were completed during 2024 (marked below with ✓)

✓ ECO 54

Next generation risk assessment methods for substances associated with mobility concerns. Principal investigator: Dr Li Li, University of Nevada, NV, US

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, Oslo, NO

✓ ECO56

UTOPIA: Development of a mUltimedia uniT world OPen-source model for microplastic. Principal investigator: Prof. Matthew MacLeod, Stockholm University, SE

✓ ECO57

PLANET – microPlastic Long-range transport Assessment aNd Estimation Tools. Principal investigator: Dr Antonia Praetorius, University of Amsterdam, NL

✓ ECO58

Comprehensive additive release and bioaccessibility model for risk assessment of micro- and nanoplastics in the environment. Principal investigator: Prof. P Lee Ferguson, Duke University, US.

✓ ECO59

FRAGMENT-MNP: Developing a mechanistic model of Micro and NanoPlastic FRAGMENTation in the ENvironment. Principal investigator: Dr Claus Svendsen, UK Centre for Ecology & Hydrology, UK

✓ ECO60

EMIFACT-MNP: EMIssion FACTors for Micro and NanoPlastics. Principal investigator: Sam Harrison, UK Centre for Ecology & Hydrology (UKCEH), 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

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.

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IN 2024, 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 2024)
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
Philippe Lemaire, TotalEnergies
Lorraine Maltby*, University of Sheffield
Jan Mathijs, Shell Global Solution International
Gina Montoya, Nestlé
Carlos Rodriguez, P&G (retired March 2024)
Gordon Sanders, Givaudan
Claire Terry, Corteva
Kees van Leeuwen*, Utrecht University
Ben van Ravenzwaay*, Wageningen University & Research
Carl Westmoreland, Unilever

***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 (as of April 2024)
MEGAN D'SOUZA – Science Manager (as of February 2024)
SERGIO LEÓN PÉREZ – Science Manager
ANDREA SALVADORI – External Relations Manager
FRANCESCA UGUCCIONI – Administrative Assistant
ANNE VALLÈS-MEUNIER – Head of Administration
LUCY WILMOT – Science Manager

Finances

2024 Income & Expenditure

588

Income

1. Income
2. Financial income
3. Miscellaneous/Contingency

1.711.473,57

1.458.500,00
77.742,26
175.231,31

Expenditure

1. Salaries and Associated Costs
2. Office Running Expenses
3. Travel Expenses
4. External contractors
5. Committees/AGM/Board
6. Task Forces
7. Workshops
8. Sponsorships & Awards
9. Publications/comms/website
10. Professional Services
11. Financial charges
12. Capital
13. Miscellaneous/Contingency

-1.493.683,98

-821.919,63
-198.490,01
-32.591,69
-104.947,26
-34.108,43
-100.431,24
-75.471,79
-11.010,00
-22.587,50
-69.312,31
-11.613,82
-6.014,16
-5.186,14

Gross operating margin

(income - purchases)

217.789,59

Balance sheet and reserves 2024

(rounded up to the nearest k€)

1. Total Income
2. Total Expenditure
3. Operating Margin
4. Opening Reserves
5. Closing Reserves

1711
1494
217
1646
1864

2020

**Thank you
for reading!**