

Berlin workshop ISES-Europe, 19-21 March 2024

Elevating exposure science in chemical safety assessment

Follow-up from ECETOC workshop (25-26 Oct. 2023, Alicante)

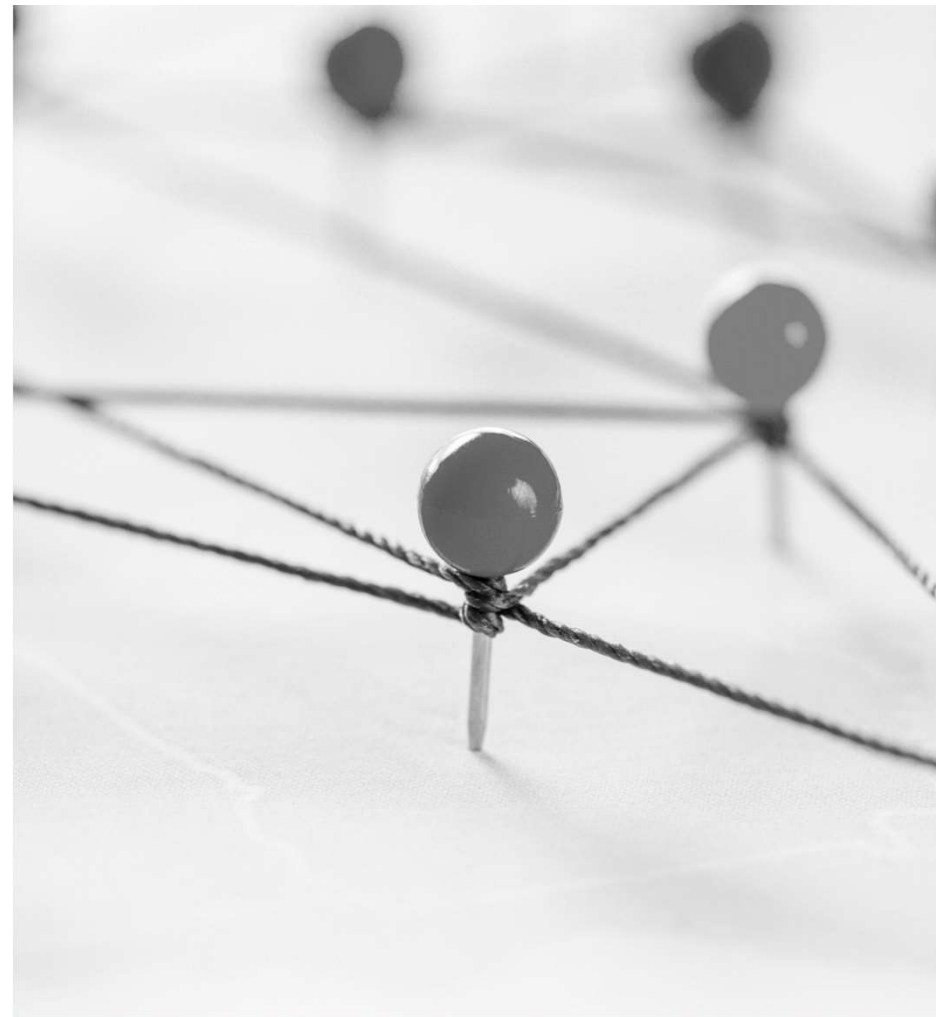
Jan Urbanus
on behalf of ECETOC

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- What is ECETOC and how does it operate?
- ECETOC's work on exposure science and the 2023 Alicante workshop
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What is ECETOC

ECETOC is a not-for-profit scientific association and collaborative platform for leading scientists from academia, governments and industry to develop and promote **trusted and practical scientific solutions** which ensure a safe, sustainable and healthy world



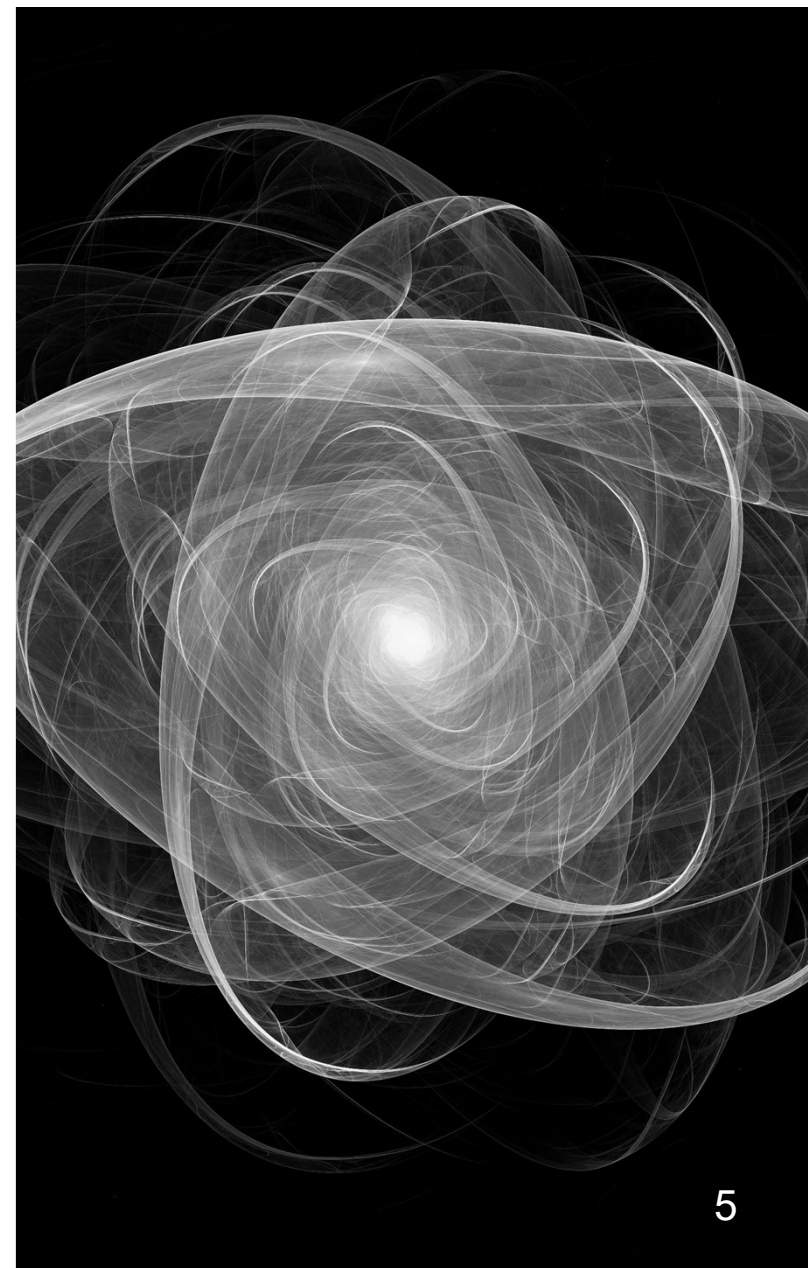
ECETOC's Mission

Science at the centre

The **Scientific Committee** is responsible for the definition, management and peer review of the ECETOC Science Programme

Members of the Scientific Committee

- Represent **major scientific disciplines** for chemical safety assessment
- Represent **academia, industry and regulators**
- Act as Stewards to ensure continued **quality and scientific integrity** of ECETOC outputs including Manuscripts and Reports of Task Forces





ECETOC's work on exposure science

and the Alicante workshop

Exposure science focus in ECETOC

Completed significant work on screening tools

- Created the **Targeted Risk Assessment Tool (TRA)** in 2004
- Workers/REACH, consumers/various regs: tools proposed at start of implementation, then followed by performance studies

Elevating the role of exposure in chemical safety assessment is one of ECETOC's five current '*flagship themes*'

- Advance exposure science in Human and Environmental Safety.
- Promote exposure as a key factor in risk assessment and chemical management

Dia 7

LW0 Should TRA tool be specifically mentioned, e.g. ECETOC developed the first version of the freely available Targeted Risk Assessment (TRA) tool in 2004, and the Worker and Consumer TRA tools are now integrated into ECHA's Chesar application. ECETOC is committed to the continuous maintenance and improvement of the TRA tools.

Lucy WILMOT; 2024-03-07T14:06:11.579

AS0 0 Added it in red as suggestion, can be removed (but would be good to name it in the slide)

Andrea Salvadori; 2024-03-11T12:58:33.919

fa0 1 Perfect!

fa638515; 2024-03-14T08:07:12.234

LW1 I have tentatively replaced the first bullet here with the two scope bullets from the Strategy slide. The second bullet has been integrated into next slide.

Lucy WILMOT; 2024-03-07T14:11:56.338

ECETOC exposure science Workshop – 2023

- Workshop objective:

Convene exposure science experts from a range of stakeholders to develop practical, actionable recommendations to ECETOC and its stakeholders to elevate the role of exposure science in chemical safety management, building on the ISES Europe 2020–2030 exposure science strategy

- OC: ECETOC Scientific Committee, ISES-Europe board and ECHA reps
- Leading themes
 1. Data (databases, quality, access, analytics)
 2. Models
 3. New needs for circularity and sustainability
 4. Capacity building (individuals and organisations)



*Workshop report in preparation
(Q2, 2024)*

Dia 8

LW0 Slide text edited - please check you are happy

Lucy WILMOT; 2024-03-07T16:19:48.379

SLP1 From Daniela, "Can we add a date to the workshop publication? The workshop was in October and the meeting is now in March, by when do we plan to publish the final version?"

Sergio León Pérez; 2024-03-13T08:21:10.483

fa1 0 How about: Q2, 2024

fa638515; 2024-03-14T08:08:52.677



Next steps

and interaction with ISES-Europe

Planned ECETOC **Transformational** Programme ‘Elevating exposure science in chemical safety assessment’

- Programme objectives:
 - Increased regulatory acceptance of measured **and modelled** exposure data, **including access/availability considerations** *Key theme arising from Alicante workshop*
 - also simulated data, e.g., in case of quantitative IVIVE
 - Maintain trust in/regulatory acceptance of exposure models (incl TRA tool) – and results from their use
 - Develop or implement exposure-led approaches (including negligible exposure) to Chemical Safety Assessment
 - Readiness for exposure assessments in the context of circularity and sustainability (including new uses) *Key theme arising from Alicante workshop*
- Both human health and environment aspects of exposure science
- Connect with ISES-Europe working groups on: *Modelling and Capacity building (Education, Training & Communication)*

Dia 10

LW0 Red text is proposed additions

Lucy WILMOT; 2024-03-07T16:20:54.588

fa0 0 I like the use of colours to differentiate text

fa638515; 2024-03-14T08:32:29.885

SLP1 Changed from Overarching: Daniela "Suggest to make the TP (Overarching Programme) a main bullet and also introduce the term "Transformational Program" as this is how it will be called going forward."

Sergio León Pérez; 2024-03-13T08:28:37.885

fa1 0 Overarching was the term proposed by Claire, Transformational is more ECETOC speak (although may come across as ambitious)

fa638515; 2024-03-14T08:31:37.585

Now preparing Calls for Nomination:

- **ECETOC Transformational Programme 'Elevating exposure science in chemical safety assessment' - Coordination Team**
- **'Issue scoping' teams for lead themes:**
 - **Data (all aspects)**
 - **Exposure aspects of circular and sustainable processes**

Dia 11

SLPO Daniela "Please add somewhere that a call for participation in the TP will be sent out and how people can join."

Sergio León Pérez; 2024-03-13T08:51:07.880

Recap ECETOC – ISES Europe

- **Very grateful** for help with Alicante workshop
- ECETOC connected/contributing to several ISES-EU working groups of **common interest**
- Publicising calls for **nomination** via ISES-EU to new teams/task forces for ECETOC priority themes

THANK YOU !!