

# Socio-Technical Barriers to the Uptake of NAMs

Laura Holden

University of Birmingham





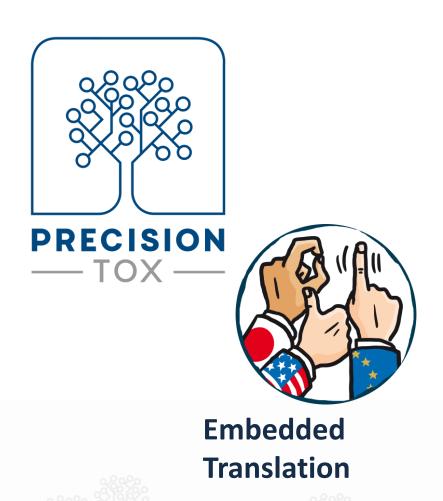
Workshop on a Roadmap Towards Phasing Out Animal Testing...

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Brussels

# **PrecisionTox and ASPIS**

"Working to advance the safety assessment of chemicals without using animal testing"





## Research

#### **Motivation:**

 Why are animal tests still used, despite alternatives being developed?

#### What is the main outcome:

Inform work for a <u>solutions</u> action plan

### Why the work was done:

- Understand nuances and determine root causes
- Transition theory: What are technical and social issues?

### Methodology:

- Building on previous scholarship
- Semi-structured interviews; Qualitative analysis

Interviewees	Locations	Regulations	AT SELVE
Industry Regulators Policy	EU UK USA Canada Australia	Industrial Chemicals Agrichemicals CLP Cosmetics	
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## Science



- Divided opinion ready? What for?
- Resources needed (time, cost, people), including for validation



- Familiarity (confidence that making the 'right' decisions)
- Doubts due to language ('uncertainty')
- Different risk tolerances
- Scepticism of motives (trust)

"The simple reality is that there's too many chemicals, not enough time, and not enough toxicologists" - Regulator

# **Regulation / Regulatory Culture**

Little incentive to invest in NAMs

Industry believes there is regulatory reluctance to accept NAMs

Some NAMs data available but may not be included in a dossier submission

Regulators are not exposed to data from NAMs



Legislation wording (REACH, CLP)



Flexibility pros / cons
Interpretation, soft law guidance
Leadership
Societal expectations

"[Regulators] are individuals paid to do a job and follow law and follow guidelines. They're not paid to do anything different to that. So, I think the regulatory acceptance piece, we're really talking about policymakers" - Industry





- Predominance of social rather than technical barriers
- Rules, standards: incremental change, soft law guidance (interpretation)
- Science, technology: relevant, reliable, fit for purpose decisions
- Actors, institutions: Appropriate communication from and for all, leadership and clear direction, coordination, dialogue, collaboration
- Clear value of NAMs: ethics, time and cost comparison, better science, legal

**Next for PrecisionTox's Embedded Translation:** Expert stakeholder group to challenge scenarios and develop options...



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