

# Current and upcoming research activities

Hanna Holmquist, IVL, 2024-05-31



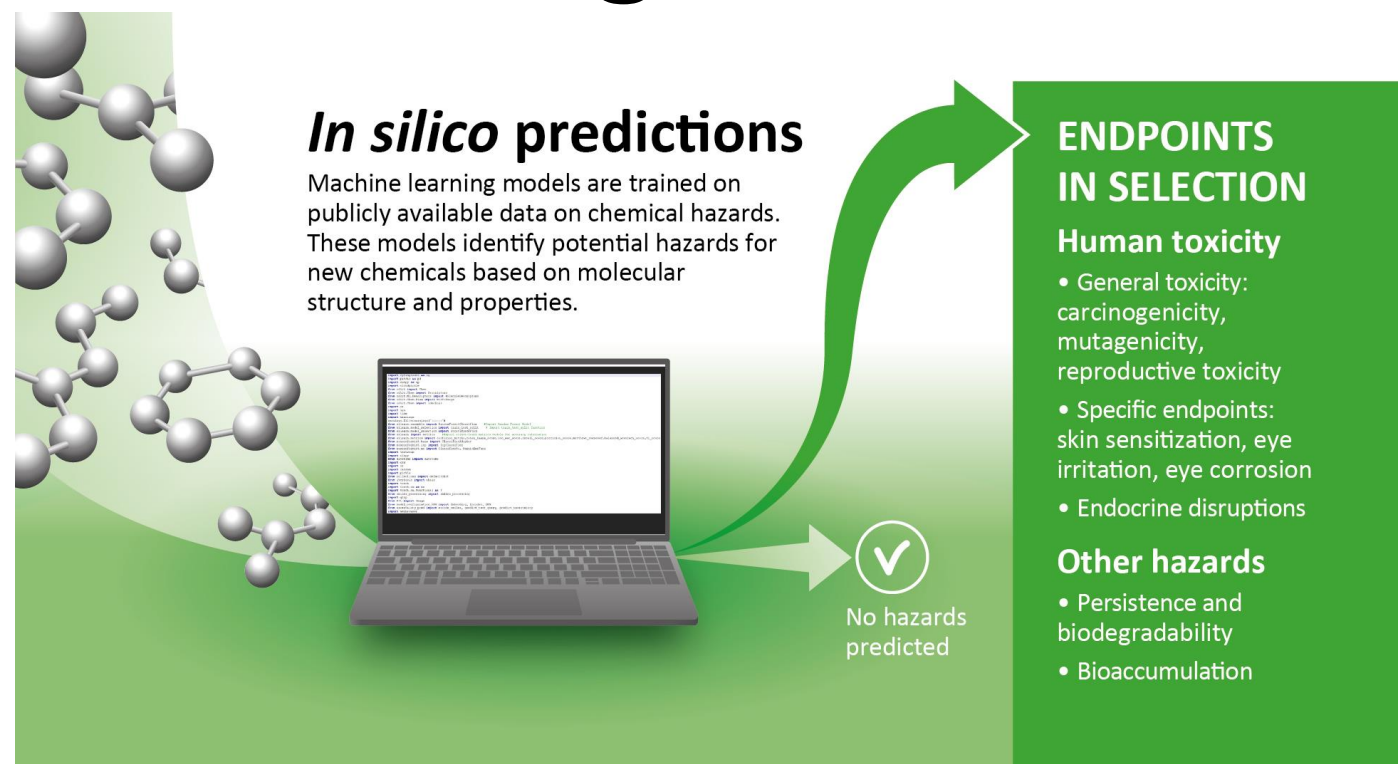
# ProScale and ProScaleE – further research (planned)

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- Mistra SafeChem Phase 2
  - One early career researcher (“Post-Doc”) dedicated to advancements related to ProScale & ProScaleE
- EU-projects
  - Calimero (ongoing)
  - CheMatSustain (ongoing)
  - BioSusTex (starting 1/6-24)
  - New project under negotiation (start likely 1/9 or 1/10-24)

# Early design decision making

- ProScale/ProScaleE could be particularly useful in innovation situations
- Chemicals not yet on the market must then be possible to include
- Further exploration on the use of *in silico* tools



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# Mistra SafeChem continues in phase 2

- ProScaleE – from conceptual model to case study implementation
- Further expanding the scope of the toxicity potential approach
- A tool for early design decision making
- Connection to Safe and Sustainable by Design assessment



**MISTRA SAFE CHEM** **Mistra SafeChem**  
Safe and Efficient Chemistry by Design.  
Mistra SafeChem is a research programme for green and sustainable chemical industry.

The vision of Mistra SafeChem is to enable and promote the expansion of a safe, sustainable and green chemical industry.

# ProScale/E R&D in EU-projects, examples

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- Improved operationalization of use phase exposure
- Conceptualization and compilation of data for “Dustiness”
- Implementation of ProScaleE in webtool (and advancement of current ProScale implementation)
- Calculate ProScale/ProScaleE default process data sets and characterization factors
- Integrate *in silico* tools in user application





**Thank you !**

# We thank our sponsors!

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  - project number 101137990 - CheMatSustain, <https://chematsustain.eu/>
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