

**Exposure Scenarios:
What has worked well.
What did not work so well.
An ECHA perspective**

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Exposure scenario

*“means the **set of conditions**, including operational conditions and risk management measures, that **describe how** the substance is **manufactured** or **used** during its **life-cycle** and how the manufacturer or importer controls, or recommends downstream users **to control**, **exposures** of humans and the environment. These exposure scenarios may cover one specific process or use or several processes or uses as appropriate.”*

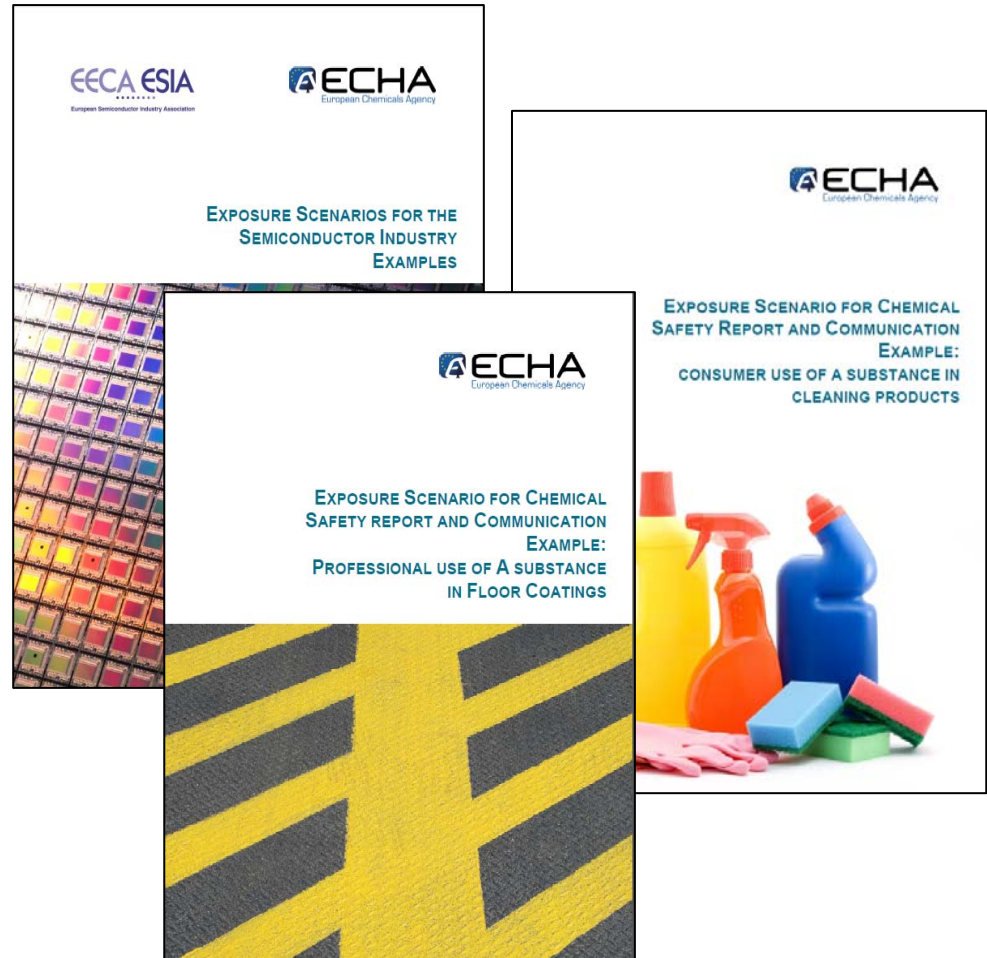
Information source for:

- Registrant: own knowledge + supply chain communication
 - ECHA: REACH processes
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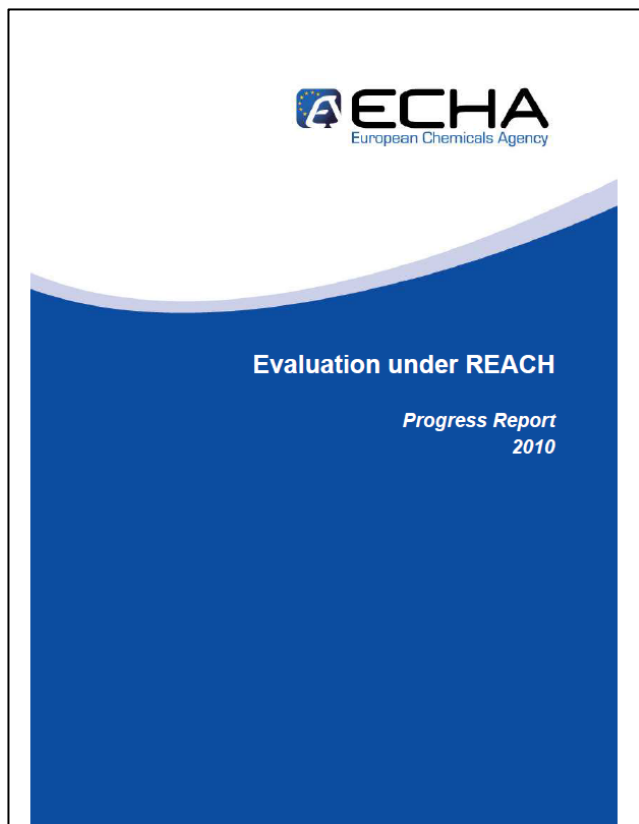
Exposure scenarios

Achievements:

- Generation of new exposure scenarios
- Communication
 - started up/down chain
- Guidance
 - developing, timelines tight
 - limited practical guidance
- Now, practical experience is available



Exposure scenarios



Evaluation

Recommendations on *quality*.

Check whether :

- all identified uses covered;
 - operational conditions & risk management measures well described;
 - (all) relevant routes of exposure compared to the inherent properties of the substance are assessed
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Exposure scenarios

Regulatory risk management

Information source for ECHA.

Risk-based priority setting for:

- Candidate List substances
 - Authorisation
 - Restriction
- Substance evaluation

Challenges:

- Clear description of use.
 - Mismatch: substance properties vs. level of information.
 - Transparency: conditions of use & potential for release / exposure.
 - Variable / diverse structure.
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Exposure scenarios

Experience:

Much accomplished but ...

- Great diversity in form & content
- Need to optimise to become a good source of information
- A new exercise - Industry and ECHA on learning curve

Future: How to

- Get common understanding what exposure scenarios should deliver for chemical safe use.
 - Optimise learning process to improve approaches:
 - What to keep stable?
 - Where to change?
 - Gain efficiency: role of sector organisation.
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Thank you.
