



10th IOHA International
Scientific Conference



Use of information generated by REACH/CLP to ensure safe use of chemicals

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ECHA

Safe use of chemicals at industrial sites

EXPOSURE
SCENARIO

SAFETY
DATA
SHEET



Legal obligations

- *REACH*
- *Occupational health and safety law*
- *Provisions on major accidents*
- *Environment protection law*
- *Competition law*
- *Product safety law*
- ...



Project

Explore possible efficiency gains through the use of REACH/CLP information to support compliance under other legislations

- Enhance common understanding of interactions
- Enhance information use, reduce unnecessary work
- Identify support needs and develop tools

Case study for illustration, workshop for discussion

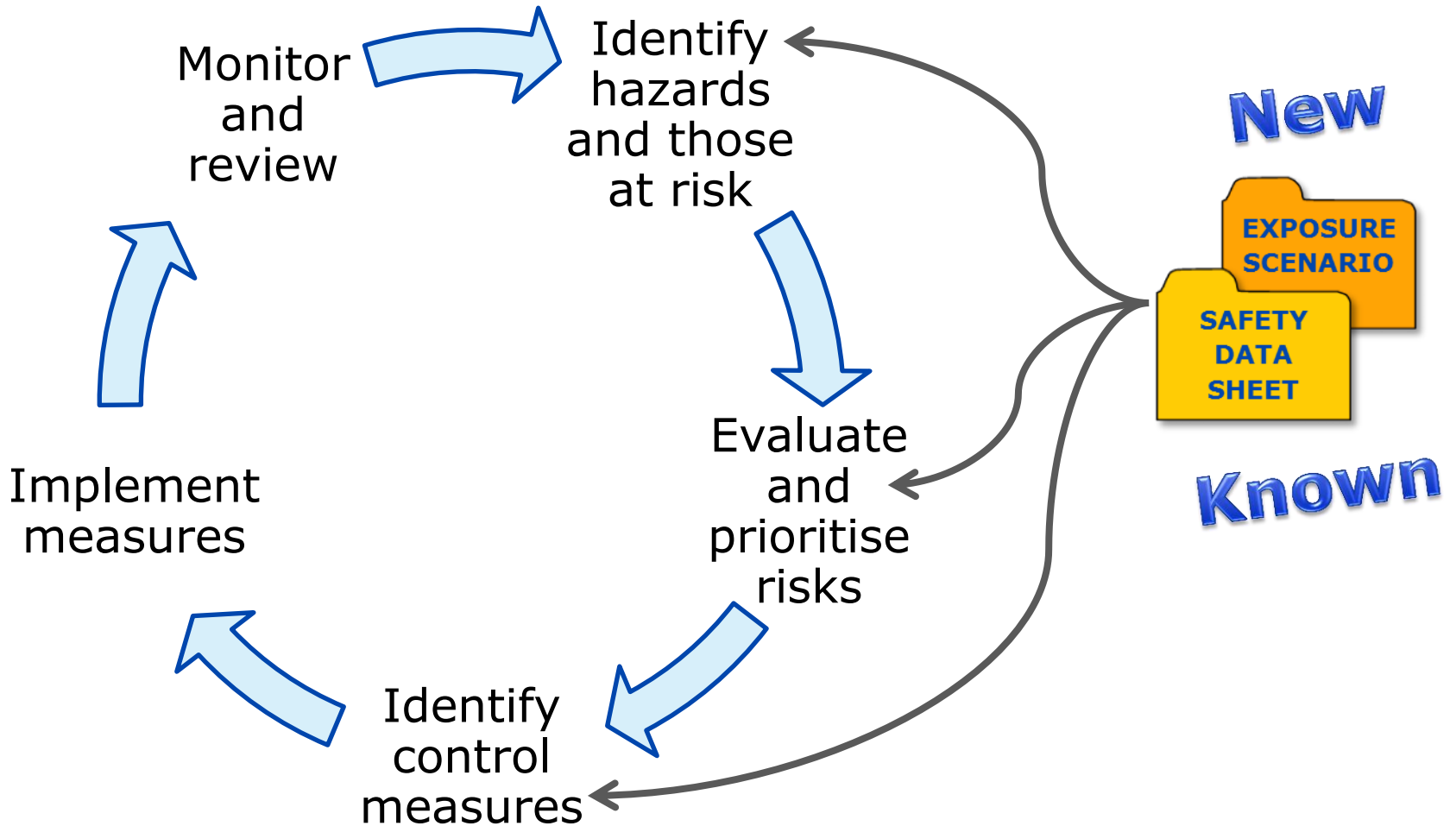
**FOCUS ON PRACTICAL ISSUES
AT INDUSTRIAL SITES**

Case study – situations explored

Use of REACH/CLP information to **support** the following compliance activities:

- Workplace risk assessment (CAD/CMD)
- Information and training for workers
- Application for an environmental permit
- Risk management of daily operations

Workplace risk assessment



Identifying hazards and those at risk

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

1272/2008 (CLP)

Skin Sens. 1, H317

STOT RE 1, H372

Carc. 2, H351

67/548/EEC - 1999/45/EC

T; R40-43-48/23

2.2 Label elements

CLP Article 23 d labelling der

**Hazard
identification**
main concerns for
the human health

Identifying hazards and those at risk

<p>Processes, tasks, activities covered (workers)</p>	<p>Contributing exposure scenario ES 10.1 {PROC 3: Use in closed batch process (synthesis or formulation)} PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC: 5 Mixing or blending in batch processes for formulation of preparations* and articles (multistage and/or significant contact) : PROC 8a: Raw material PROC 8b: Transfer of su PROC 13: Plating opera PROC 15: Use as a labo Contributing exposure sc PROC 0: Cleaning and n</p>
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Description of processes, tasks and activities covered by the exposure scenario

identification of who may be exposed to the substance

Technical conditions and measures at process level (source) to prevent release

Anodes should be bagged where possible to prevent the release of Ni dust or chips into the tank solution which are then contacted by workers.

Anode stubs, removed from the tank solution during anode replacement, should not be left lying around the shop floor and RPE should be used if dust is released during the cutting of stubs for recycling in anode baskets.

Oral: Good workplace hygiene practice.

Technical conditions and measures to control dispersion from source towards the worker

LEV is required for raw materials handling

**Identification of RMM,
technical and organisational
measures**

to prevent exposure to workers
during surface finishing

Technical conditions and measures to control dispersion from source towards the worker

None

Organisational measures to prevent/limit releases, dispersion and exposure

Training to reinforce good workplace hygiene practice and hygiene issues.

Conditions and measures related to personal protection, hygiene and health evaluation

Inhalation to mists and particulates and skin exposure to mists, liquids splashes and particulates shall be controlled by RPE and gloves when undertaking maintenance and cleaning work.

Inhalation: Use of air-assisted filtering visor for plant or premises heavily contaminated or 40 based on use of powered respiratory requirement or FFP3 (EN136) or equivalent APF of 10 {air-assisted filtering visor, m

Identification of RMM, technical and organisational measures
to prevent exposure to workers during cleaning and maintenance

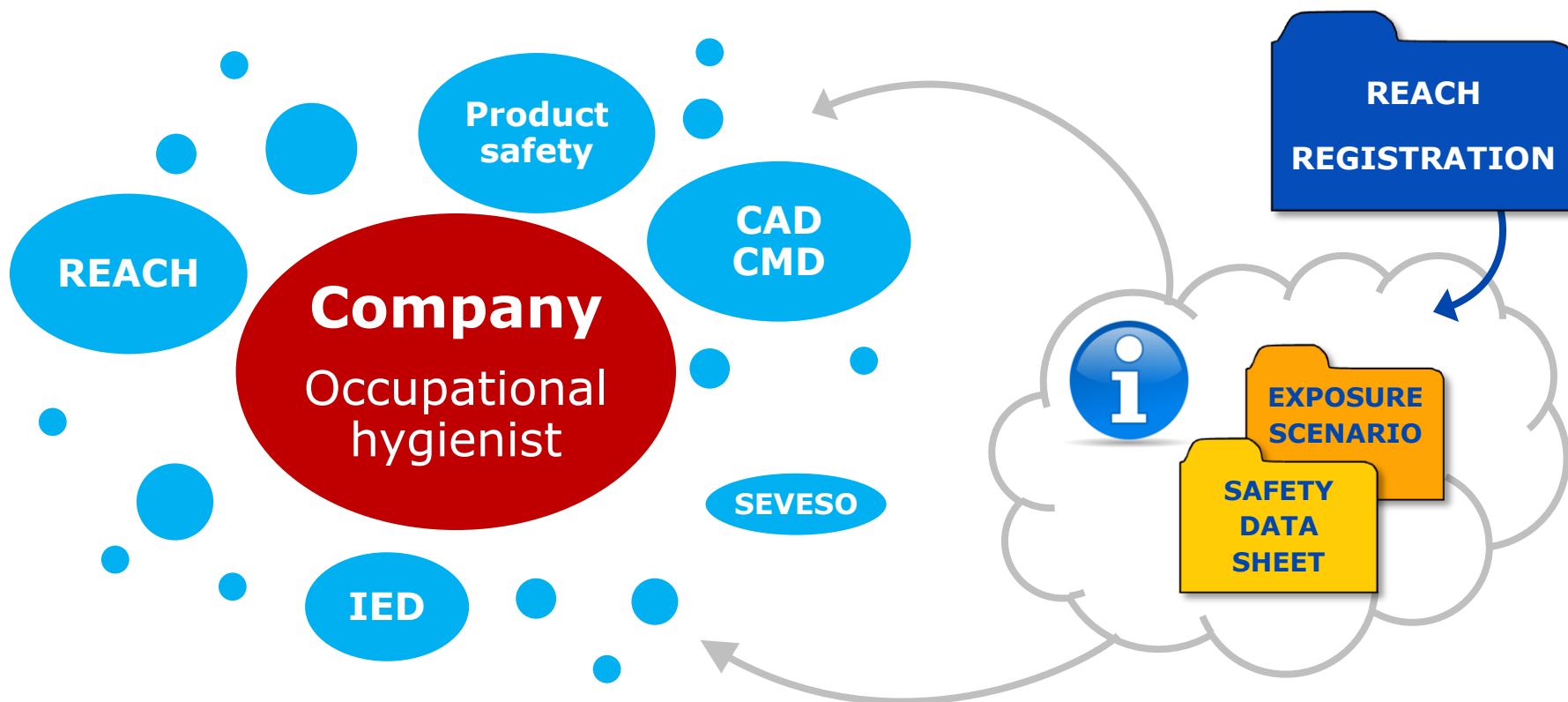
Workshop – main outcomes

- REACH/CLP Regulation is bringing new knowledge on chemical substances, information available is improving
- Currently little use of REACH/CLP information as input to CAD/CMD but potential exists, difficulty with readability of information
- Importance to align and integrate REACH with other environmental and OSH legislation

http://echa.europa.eu/view-article/-/journal_content/title/workshop-on-the-use-of-reach-clp-information-at-industrial-sites



Conclusion - safe use of chemicals



**Integrate new information into existing
HSE procedures**

Thank you

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