Initiatives to support information use

Use of REACH/CLP information at industrial sites

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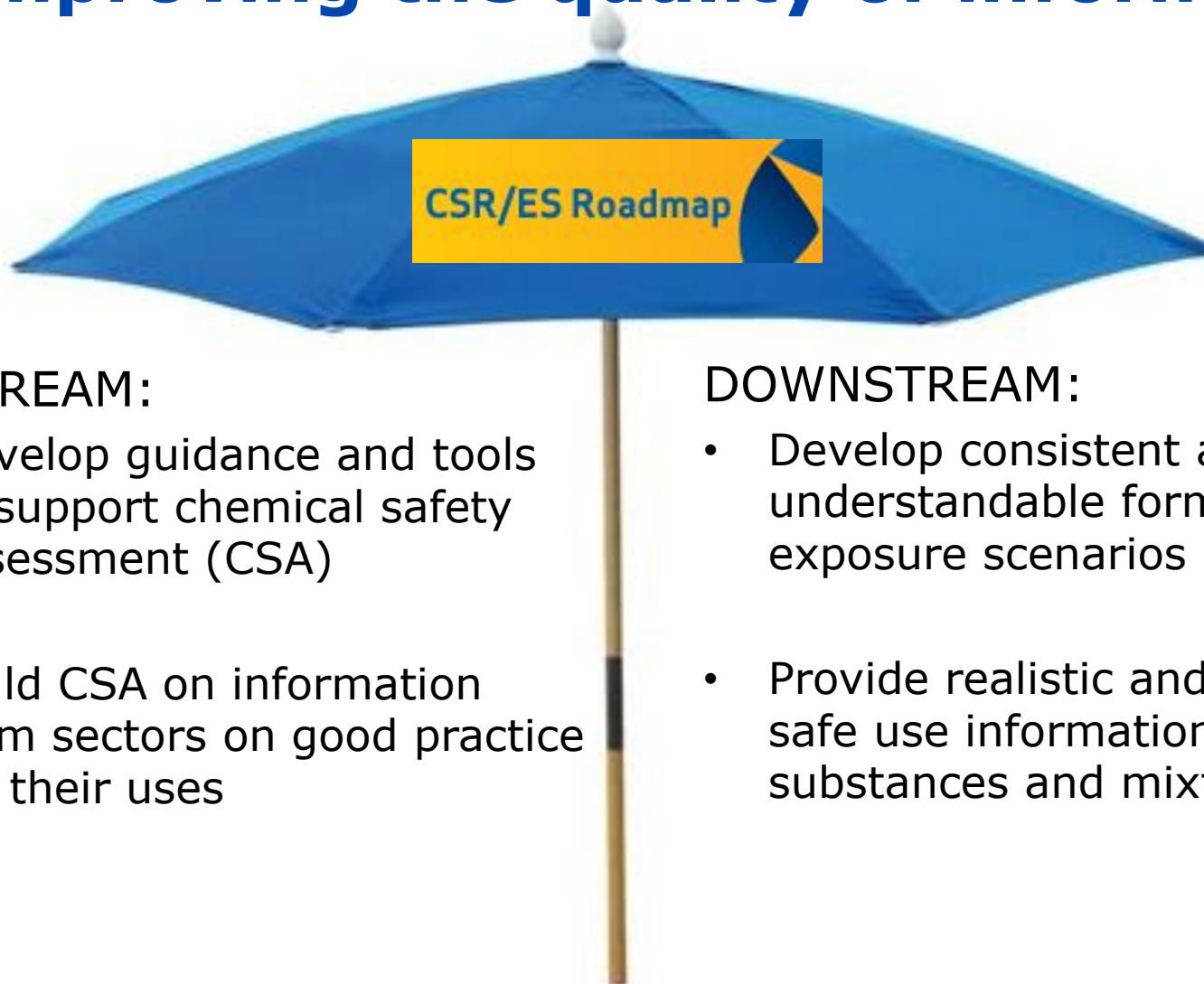
Outline / Initiatives

- – Information in the supply chain

- – Integration with environmental health and safety legislation

Improving the quality of information

CSR/ES Roadmap

UPSTREAM:

- Develop guidance and tools to support chemical safety assessment (CSA)

- Build CSA on information from sectors on good practice for their uses
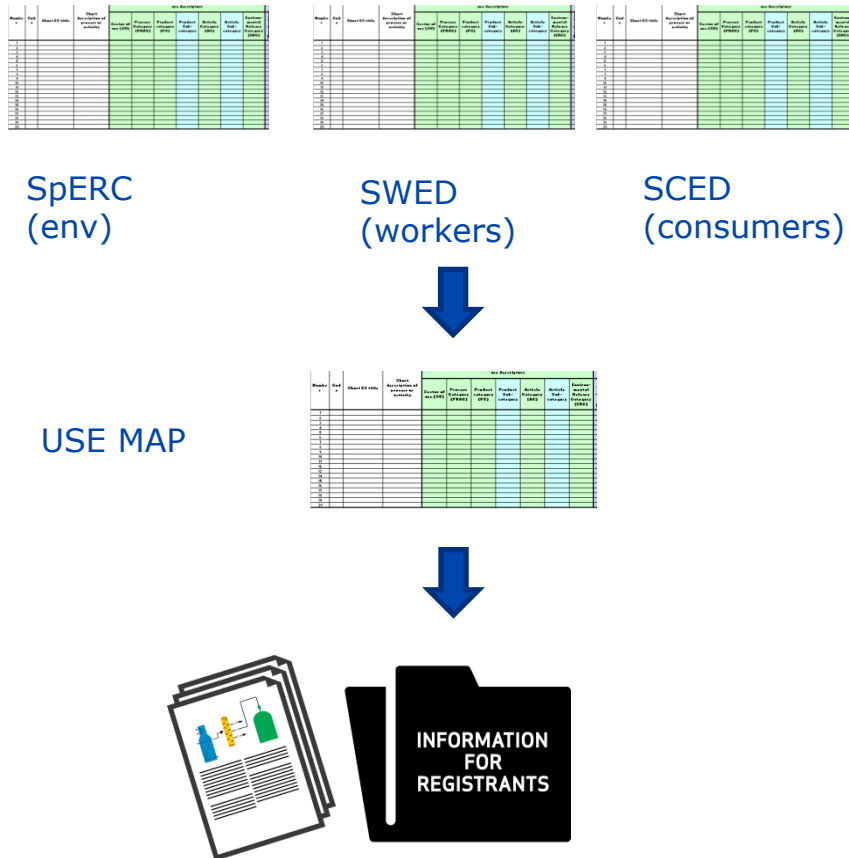
DOWNSTREAM:

- Develop consistent and understandable format for exposure scenarios (ES)

- Provide realistic and relevant safe use information for substances and mixtures

Information up: guidance and tools

- Developments in IUCLID/Chesar

- Evaluation of exposure estimation tools and ongoing improvements

- Updates of Guidance

- Providing illustrative examples

Information up: sector based info

SpERC
(env)

SWED
(workers)

SCED
(consumers)

USE MAP

INFORMATION
FOR
REGISTRANTS

- Sector organisations describe **conditions of use** for typical uses using agreed template wrt environment (SpERC), worker (SWED) and consumers (SCED)

- These are linked to use maps which describe exposure scenarios/-contributing scenarios for typical uses

- Registrants base their chemical safety assessments on these use maps

Information down: exposure scenarios

- Harmonisation

  - Phrases (ESCom Phrases)

  - Structure/format (four sections)

- Promoting ease of use

  - Table of Contents (based on standard short titles)

  - Automation (ESCom xml)

- Providing support

  - Illustrative Example, annotated templates, eGuide and practical guide

Annotated Template for ES - extract

ES TITLE [SHORT TITLE] [1]

The Short Title can be used to build a Table of Contents of all the annexed ESs to facilitate the selection of relevant ES by the recipient.

Example: ES 3: Use at industrial site. Coatings and paints, thinners, paint removers.

1. TITLE SECTION

The title section gives the use name and an overview of all the tasks/activities covered by the ES.

ES/use name	A short description of the scope of the ES may be given in this section.
	Example: Industrial application of coatings or inks.
Scope	This row includes a comprehensive list of all the tasks/activities (or "contributing scenarios (CS)") covered by the ES. It is based on the Use Descriptor System.

Example:

ENVIRONMENT

CS 1: Industrial application of coatings and inks. Water-based scrubbing process	ERC 5
CS 2: Industrial application of coatings and inks. Dry processes	ERC 5

WORKER

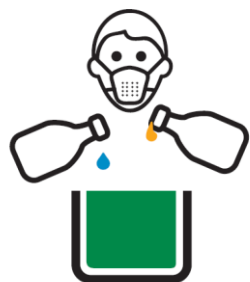| CS 3: Industrial application of coatings and inks. Closed systems.	PROC 2
CS 4: Raw material transfer and/or dispensing with dedicated equipment	PROC 8b
CS 5: Mixing operation (open system)	PROC 5

Information down: Realistic & Relevant

1. Realistic, relevant, and understandable information

2. Risk management measures are communicated in useful way, linked to existing EHS RMMs where appropriate

3. Consistent approach for identifying information to communicate – a particular challenge for mixtures

Information down: Mixtures methodology

**LCID
Top down approach**

**SUMI
Bottom up approach**

Formulators

- **Lead Component Identification**
- Generic methodology
- Identifies lead component for each exposure route
- Decision tree based on DNEL/PNEC, classification, conc etc.
- Draft / Testing 2015

- **Safe Use of Mixtures Information**
- For communication in the Supply Chain with SDS
- Simple advice to industrial and professional end-users
- Linked to use maps, tailored to the end user and sector
- Aim end 2015

Example of a SUMI

A.I.S.E./NVZ Generic Exposure Information Sheet

www.aise/REACH

AISE GEIS.11.1.b.v1
Version: 1.0, May 2014

(Trigger) spraying of a professional product

Operational conditions	
Maximum duration	50 minutes per day.
Process conditions	Process is carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45 degrees Celcius is used.
	No LEV needed; good general ventilation at workplace is sufficient.

Risk management measures	
Conditions and measures related to personal protection equipment (PPE), hygiene and health evaluation	Use gloves and safety goggles. See Section 8 of the SDS of this product for specifications.
	Training of the worker in relation to proper use and maintenance of the PPE must be ensured.

Good practise advice	
Don't eat or drink, don't smoke, no open flame	
Wash hands after use Avoid contact with damaged skin Do not mix with other products	
Spillage instructions	Dilute with water and mop up.
Additional good practice advice	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the SDS of the used product.

Integration with environmental health and safety – activities to date

- EHS Project 2014
  - Focus on 6 countries
  - Finland, France, Italy, Poland, Portugal, UK
  - Activities include conferences/articles/REACH Tips/training bodies
  - Benefits include:
    - Greater cooperation within MS between various bodies
    - Greater direct experience for ECHA

- Cooperation with IMPEL

Supporting users of chemicals

Information Need	Example
General information on health and safety, environmental impact	What a construction worker or hairdresser needs Very general, combines chemical with other hazards
General information on safe use of chemicals, also awareness raising	What a company needs to know about all their obligations relating to chemicals, pointing them in direction for relevant information
Advice on how to implement obligations in practice	Practical information to companies on how they can protect workers, consumers and the environment
Detailed guidance on the legal requirements	Guidance, harmonised FAQ. Focus on specific regulations

Integration with EHS– next steps

- Widely recognised need for greater integration (also expressed at OSH workshop in November)

- Potential benefits in reduced duplication, reduced costs

- Challenge to identify bodies and individuals to engage with (ECHA, OSHA, COM, MS…)

- Need to identify types of support material to integrate (guidance, practical guides, examples eGuide for SDS/ES, webpages etc.)

- Working group established with HelpNet in April 2015 (DE, F, IRE, NL)

Conclusions

- Improving information in the supply chain
  - Good progress
  - Will be a while before impact is seen
  - May be other items we should consider, e.g. SDS xml?

- Integration with environmental health and safety legislation
  - Some but limited progress
  - Difficulty in coordinating activities over wide range of responsible bodies

Thank you!

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