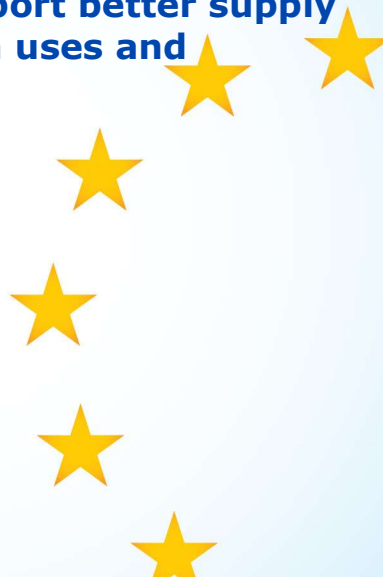


Use maps: a tool to support better supply chain communication on uses and conditions of use

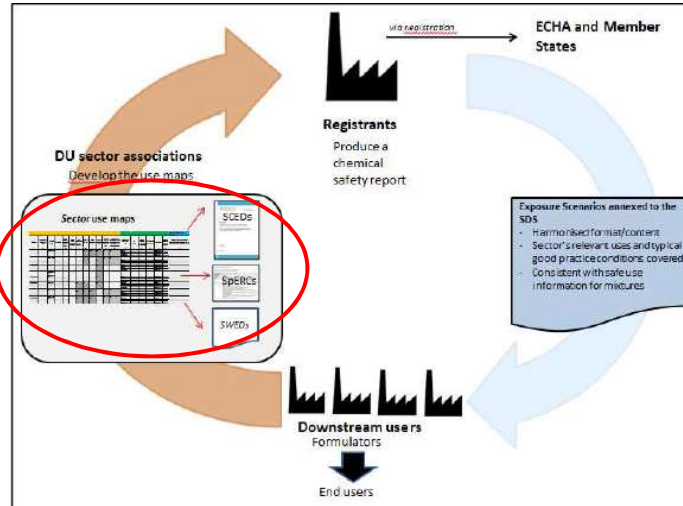


Use maps concept



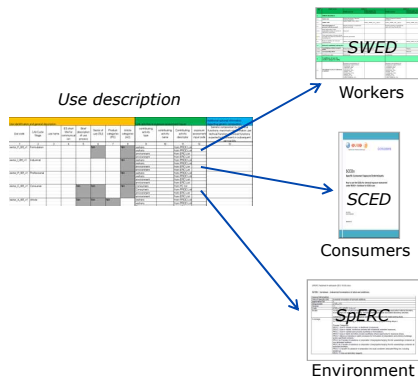
A process and a format to facilitate communication of information on uses and conditions of use up the supply chain

- **FORMAT:** use maps contain the description of the typical uses/conditions of uses of a sector in an agreed, harmonised format
- **PROCESS:** use maps are preferably developed by downstream users sectors in collaboration with their members and are made available to registrants
- Concept was developed by industry in 2009. It has now been reviewed.
- The most efficient and effective option to inform the registrants about the uses of substances in a sector



4 formats:

- ✓ 1 format for use description (use map format)
- ✓ 3 formats for inputs to the CSA (SWED, SCED, SpERC)



✓ CSA Inputs:

- **Worker/SWED:**
 - **S**ector-specific **W**orker **E**xposure **D**escription
- **Consumer/SCED:**
 - **S**pecific **C**onsumer **E**xposure **D**eterminant
- **Environment/SpERC:**
 - **S**pecific **E**nvironmental **R**elease **C**ategory

- **Use description part:**

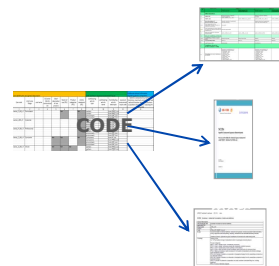
- Life cycle stage
- Use name
- Further description
- Market information

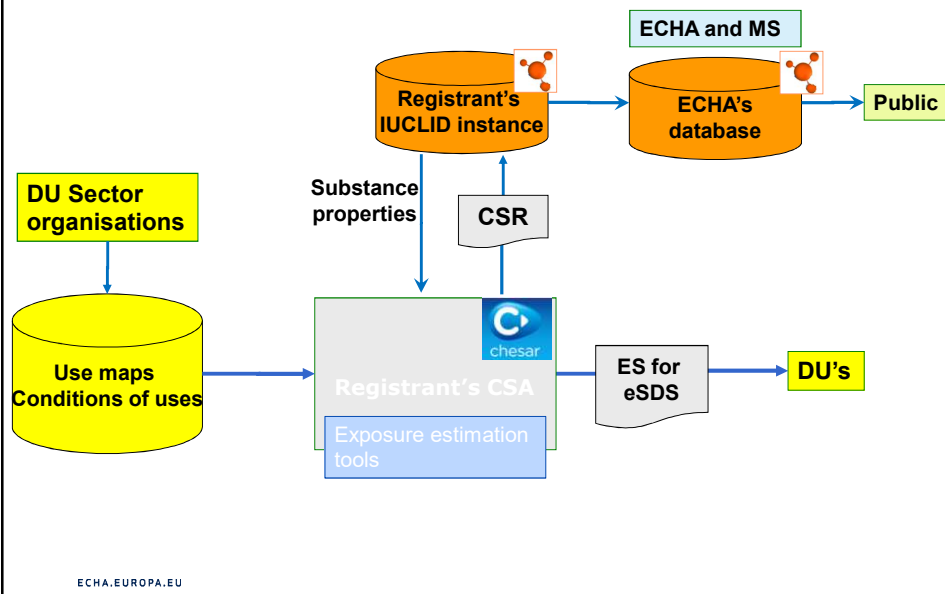
- **Contributing activities:**

- CA name
 - Use descriptor
 - Link to relevant exposure assessment input
(conditions of use to be used as input for CSA)
- References to corresponding standard phrases for ES for communication

Exposure assessment inputs: harmonised description of conditions of use in a way that can be used as input for most common exposure estimation tools:

- For workers: Sector-specific Workers Exposure Description (**SWED**)
- For consumers: Specific Consumer Exposure Determinant (**SCED**)
- For environment: Specific Environmental Release Categories (**SPERC**)





- Quality of registrants CSA/CSRs
 - ✓ Clear description of use
 - ✓ CSA based on realistic conditions
 - ✓ Avoid over reporting or missing uses
- Increased efficiency and effectiveness of authorities' actions
- Clarity of the scope of the ES communicated in the supply chain

Use identification and general description													Link activities to exposure assessment inputs					Additional information (optional)
Use code	Link to entry in previous use maps	Life Cycle Stage	Life Cycle Stage code	Use name	ESCom standard phrase (code) for use name	Further description of use	Sectors of use (SU)	Product categories (PC)	Article categories (AC)	ES short title for communication	This use leads to subsequent service life use	Reference to subsequent service life use and relevant substances (if V in previous column)	Contributing activity (CA) type	CA name	ESCom standard phrase (code) for CA name	CA descriptor	Exposure assessment input code for this CA	Generic composition by technical functions; maximum concentration per technical function; tonnage information; other
1	2	3	3s	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
sector_M_001_v1		Manufacture	M				NA	NA	NA		NA	NA	workers environment			from PROC List from EPC List		
sector_F_001_v1		Formulation or reception	F				NA	NA			NA	NA	workers environment			from PROC List from EPC List		
sector_IS_001_v1		Use at industrial sites	IS					NA					workers environment			from PROC List from EPC List		
sector_Prof_001_v1		Widespread use by professional workers	Prof					NA					workers environment			from PROC List from EPC List		
sector_C_001_v1		Consumer use	C				NA	NA					Consumers environment			from EPC List from PC List		
sector_SLW_001_v1		Service life - workers	SLW				NA	NA			NA	NA	workers environment			from PROC List from EPC List		
sector_SLC_001_v1		Service life - consumers	SLC				NA	NA			NA	NA	workers environment Consumers			from PROC List from EPC List from AC List		

•SPERC code, SWED code, SCED code

•Use information
(grouped per Life cycle stage)

•Additional information
(optional)
•Contributing activities per use + link to exposure assessment inputs