



ESCom and Use Maps

Thomas May, Johannes Tolls, Dook Noij
Workshop on Sector Use Maps
12 May 2016

ESCom version 2.0



Content

- ESCom Current Activities
- ESCom and Use Maps

May 2016

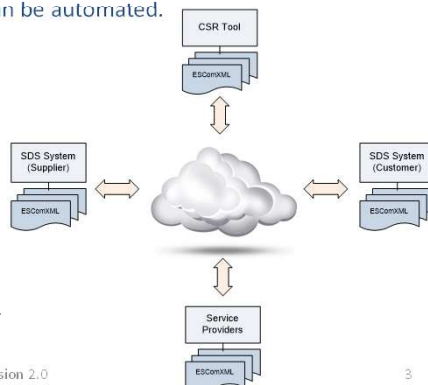
ESCom version 2.0

I. Introduction

ESCom activities fall under Action Area 3 of CSR/ES Roadmap as they aim to further develop IT tool and standardisation to exchange Exposure Scenarios for communication along the supply chain.

The two branches are tightly bound because the more the information generated by a system is standardized, the more easily it can be exchanged by different actors in the supply chain and processing by IT systems can be automated.

Implementing ESCom will help to exchange standardized information in the supply chain



Link to CSR/ES roadmap:
<http://echa.europa.eu/regulations/reach/registration/information-requirements/chemical-safety-report/csr-es-roadmap>

May 2016

ESCom version 2.0

3

I. Introduction

What are the benefits of the improvement in communication?

- Quality
 - Completeness of information
 - Tailored information
 - Consistency and clarity of exchanged data
 - Avoid human errors
- Automation
 - Eliminate manual indexing/data extraction
 - Facilitate processing of voluminous information
 - Visibility and tracking data exchange

May 2016

ESCom version 2.0

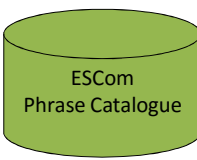

4

CSR/ES Roadmap

ES Communication: need for standardization

A reminder

To support the exchange of information via the ESs for communication along the supply chain, standardization is required at different levels:

- Wording → 
- Structure → 

= **ESCom Package**

ESCom version 2.0

May 2016

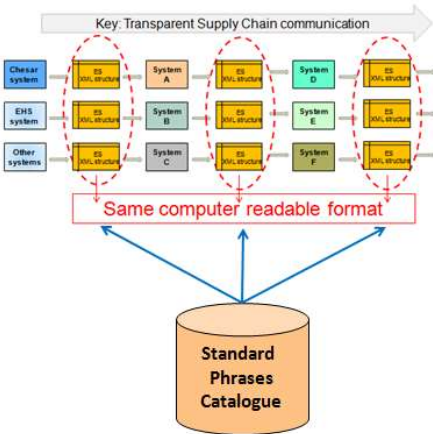
CSR/ES Roadmap

What is the ESCom Package?

A Reminder

- ESCom XML standard:
 - An IT communication standard to harmonize ES data exchange between computer systems in the supply chain
 - Developed by IT providers in consultation with industry
- ESCom Phrase Catalogue:
 - A catalogue with standard phrases for ESs for communication
 - Developed by industry sectors, associations and companies

Key: Transparent Supply Chain communication



Same computer readable format

Standard Phrases Catalogue

ESCom version 2.0

May 2016

ESCom Current Activities



- Standard Phrase Catalogue
 - Phrase submission tool – update
 - Link - <http://content.euphrac.eu/>
 - Targeted review of sector phrases / tool phrases

- ESCom XML Schema will remain stable until at least 2017
 - Monitoring performance and feedback (to prepare for next update)
 - IT Providers are at various stages of the ESCOM XML 2.0 implementation

May 2016

ESCom version 2.0

Content



- ESCom Current Activities
- ESCom and Use Maps

May 2016

ESCom version 2.0



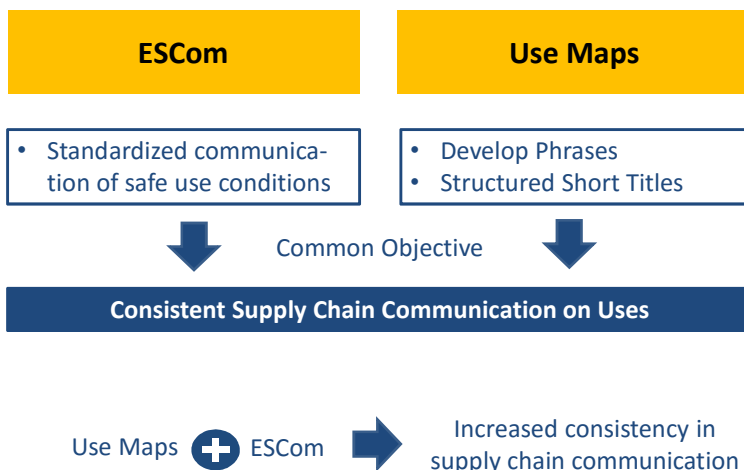
ESCom in Context Introduction

ESCom project is naturally linked to many other activities under the CSR/ES Roadmap. In particular, the release 2.0 has a direct connection with:


- **Improved sector Use maps:** in Use maps' template, title phrases should be included only using standard phrases with the associated Phrase ID, but also other fields can be populated by making use of the standard phrases in the catalogue, like LCS, UDs, ...
- **SPERCs, SCEDs, SWEDs:** the development of these exposure assessment determinants should be translated into specific sets of standard phrases to be used in the ES
- **Chesar development:** possibility to generate ES using ESCom XML format via Chesar to use them as first input to the supply chain
- Harmonization of **format for the ES:** fields needed for the phrases have been defined and phrases developed for them.
- ...



Standardized Exchange of Product Safety Information: ESCom and Use Maps



**Bringing ECom and Use Maps Together:
What to do next?**


CSR/ES Roadmap 

	ECom	Use Maps
1 st half 16	Revise phrase catalog	Finalize Use Maps
2 nd half 16	Common understanding*: Phrases needed, changes in XML	
...		

* Issues to address:

- Phrases – degree of detail
- Use names - Structured Short Titles
- Timing, resources, involvement of IT-providers
- Planning

**Bringing ECom and Use Maps Together:
What to do now?**

CSR/ES Roadmap 

	ECom	Use Maps

Please abstain from submitting 'Use Map Phrases' prior to common understanding being developed

Glossary

CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DU	Downstream User
ECHA	European Chemicals Agency
ES	Exposure Scenario
ID	Identification number
LCS	Life Cycle Stage
M/I	Manufacturer/Importer
MoU	Memorandum of Understanding
SCED	Specific Consumer Exposure Determinant
SPERC	Specific Environmental Release Category
SWED	Specific Worker Exposures Determinant
SST	Structured Short Title
UD	Use Descriptor

May 2016

ESCom version 2.0

Turning vision into facts: 2016-2018

- Continuation of current setup is planned (i.e. cooperation of chemical industry and IT).
- Active promotion of ESCom (presentations, workshops, webinars, etc; refer to back up slides).
- Develop a 'business' payment model to make ESCOM self-sustaining as of 2018.
- Exchange experiences from ongoing implementation.

