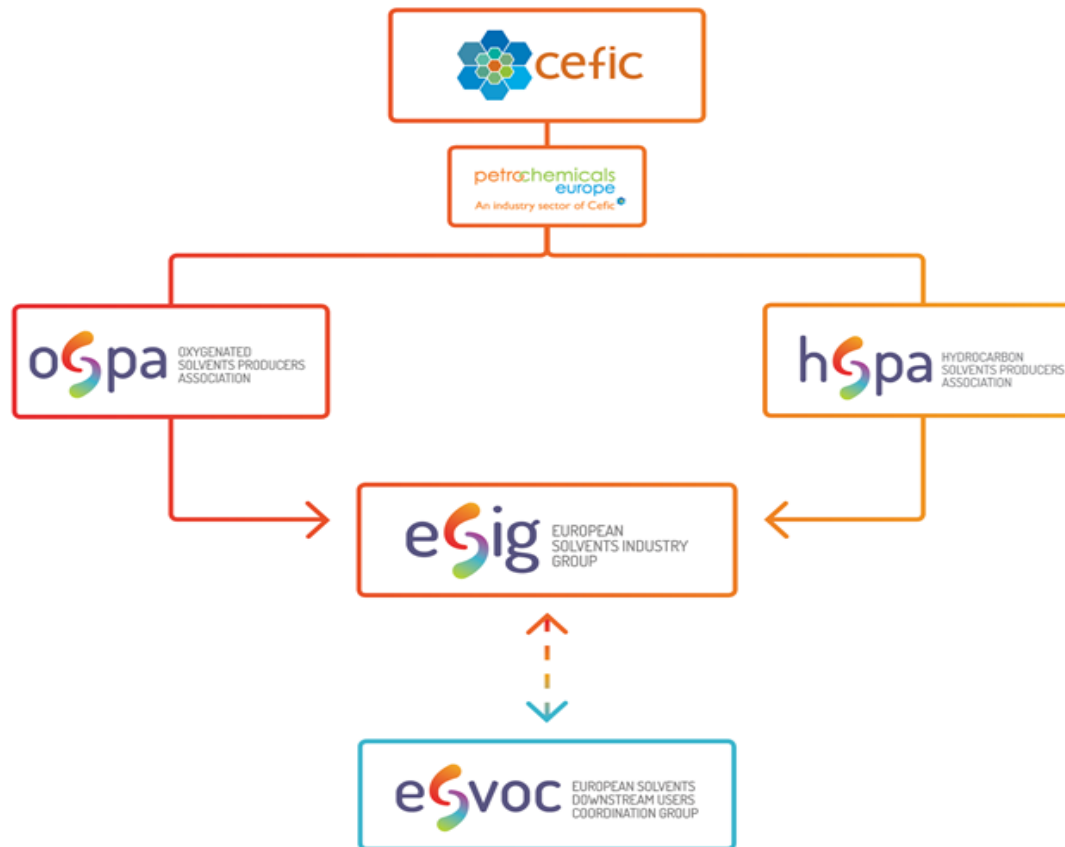




Environment & occupational safety and health (OSH)

Examples of innovative handling of solvents from the point of view of the environment & OSH



- THIS IS A VIEW FROM MANUFACTURERS OF OSPA/HSPA

SOLVENTS USES ARE VERY DIVERSIFIED AND SECTORS MIGHT HAVE DEDICATED MEASURES IN PLACE

EXAMPLES FROM FLEXIBLE PACKAGING PRINTING



WHAT IS IN PLACE

1. EXISTING LEGISLATION
2. REACH
3. CLP
4. SOLVENTS@WORK



WHAT DO WE HAVE?

1. EXISTING LEGISLATION

Industrial Emission Directive

- STS BREF

National Emission Ceiling Directive

Decorative Paint Directive

Ambient Air Directives

OSH legislations

- CMD/CAD...
- OELs



REACH
CLP



WHAT DO WE HAVE?

2. REACH

Exposure assessment is carried out for
human health and the environment

When?

- registration of substances under REACH that are classified
- registration of substances sold at > 10 tonnes



WHAT DO WE HAVE?

2. REACH

Exposure assessment is carried out for
human health and the environment

- required to cover all the identified uses of the substance throughout the supply chain
- with any measures identified for the **demonstration of safe use** communicated via Exposure Scenarios in an Annex to the Safety Data Sheet (SDS)



WHAT DO WE HAVE?

2. REACH

more than 1,000
different solvents
used
in hundreds of
different
applications,
industry



exposure
scenarios
required



WHAT DO WE HAVE?

2. REACH

- generic approach to consolidate the many different solvent applications into **Generic Exposure Scenario (GES)** titles
- over 20 GES we developed cover around 90% of solvent uses today
- cover exposure related to workers (industrial and professional), consumers and the environment
- GES part of ECHA use map library



WHAT DO WE HAVE?

2. REACH

GES =

- reduce complexity
- harmonise compliance across the value chain
- collaborative effort with downstream users, via ESVOC, our Downstream User Co-operation Group
- collaboration was vital to establish effective use mappings and a comprehensive phrase library



WHAT DO WE HAVE?

3. CLP

- is legally binding across the EU Member States & directly applicable to all industrial sectors
- requires manufacturers, importers or downstream users of substances or mixtures to **classify, label and package their hazardous chemicals** appropriately before placing them on the market



WHAT DO WE HAVE?

3. CLP

- Though CLP is a separate legislation, the information it generates is part of **REACH registration**.
- The European Chemicals Agency (ECHA) is the lead authority for its implementation.



WHAT DO WE HAVE?

3. CLP

- allows for the identification of hazardous chemicals + the communication of these hazards to users through labelling
- provides the basis for safety data sheets (SDS) regulated under the REACH Regulation, and
- sets requirements for the packaging of hazardous chemicals



WHAT DO WE HAVE?

REACH & CLP SUPPORT THE APPROACH



WHAT DO WE HAVE?

4. OVERVIEW - SOLVENTS@WORK

- Safety videos (f.i. RCP)
- Best Practices Guidelines
- Solvents Training
- ONGOING: ESIG Solvents Award (former Product Stewardship Award)



WHAT DO WE HAVE?

4.ESIG SOLVENTS AWARD

ESIG's way to reward safe & sustainable uses of solvents

Great opportunity for solvents DU to tell their story how
they

- enhanced product performance,
- implemented **environmental protection** measures or
- **acted to improve health and safety of your workers**



Application period: 1st February – 30 April 2019

<http://www.esig.org/solventsaward2019/>



WHAT DO WE HAVE?

4. EXAMPLE - SOLVENTS@WORK

Solvents and the Safe Use of Gloves Best Practice Guidelines + POSTER

- English, German, French, Spanish & Italian
- Expert input from glove producers in ESF
<https://eu-esf.org/>



www.esig.org/product-stewardship/solventswork



THANK YOU



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*Solvents
One Word
Many Solutions*

