# 

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

ENES 7

18 - 19 November 2014

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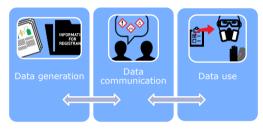






#### Context

- Use of REACH/CLP information to support compliance under other legislations
- CSR/ES Roadmap, Action area 5: Support to end-users
- Building understanding from case studies
- · Now inviting input from ENES community



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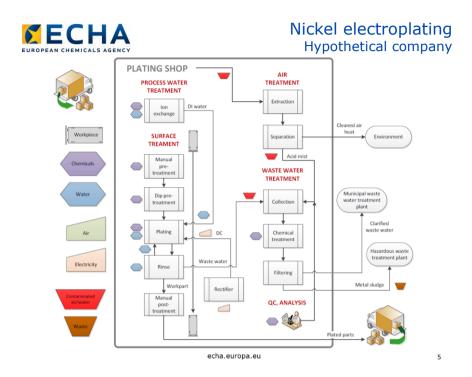
# Case study - Scope

REACH/CLP information use in other legislative contexts at (downstream) end-user site

- Industrial Emissions Directive (IED)
- Chemical Agents Directive (CAD)
- Carcinogens and Mutagens Directive (CMD)
- Practical approach, using real life SDS/ES
- EU level not dealing with national differences

Choice of example

- Typical process where chemicals are used: wide range of chemical types and hazards, and process operations typical to many sites
- Possibility to apply learnings to other industry sectors





# Case study – situations explored

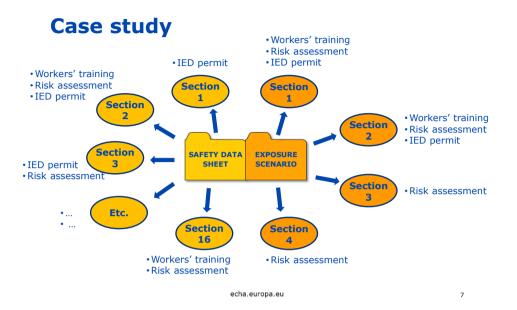
Use of REACH/CLP information to <u>support</u> the following activities:

- Application for an IED permit
- CAD/CMD workplace risk assessment
- Information and training for workers
- Risk management of daily operations

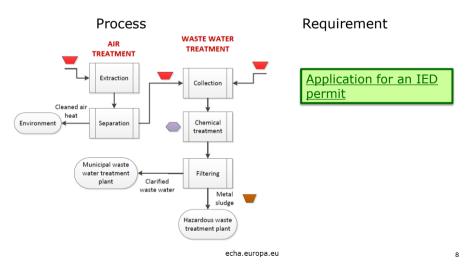


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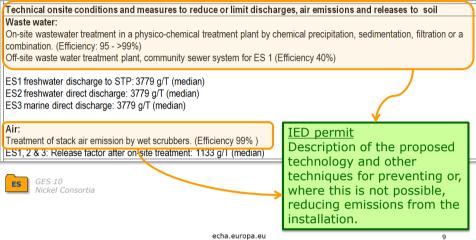














# **Case study – example**



#### Conditions and measures related to external treatment of waste for disposal

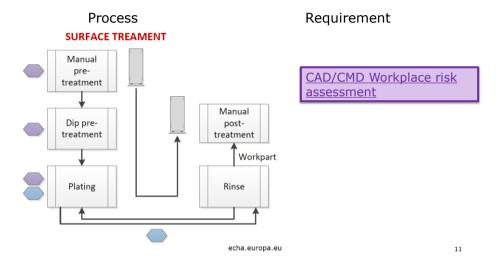
Hazardous wastes from onsite risk management measures and solid or liquid wastes from production, use and cleaning processes should be disposed of separately to hazardous waste incineration plants or hazardous waste landfills as hazardous waste. Releases to the floor, water and soil are to be prevented. If the nickel content of the waste is elevated enough, internal or external recovery/recycling might be considered.

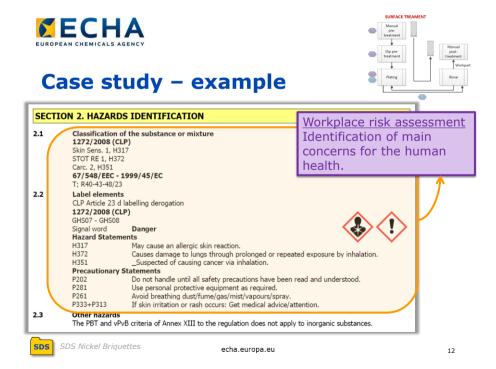


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> <u>IED permit</u> Description of the measures for the prevention, preparation for re-use, recycling and recovery of waste generated by the installation.











Processes, tasks, activities covered (workers)	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 handling PROC 8b:Transfer of substance or preparation PROC 13: Plating operations PROC 15: Use as a laboratory reagent Contributing exposure scenario ES 10.2: PROC 0: Cleaning and maintenance
GES 10	Workplace risk assessment
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#### **Case study – example**



be exposed to the substance.

# Technical conditions and measures at process level (source) to prevent release The NiSO46H2O powder (or NiSO4 solution) is carefully added to the tank solution where the process is not automated, in order to avoid throwing the NiSO4.6H2O powder along the length of the tanks and creating liquid splashes and powder becoming airborne. Technical conditions and measures to control dispersion from source towards the worker Local (where appropriate) and general exhaust ventilation.

Vacuuming or suitable wet removal methods for cleaning settled dust etc. from plant and premises. Avoid inappropriate cleaning methods such as dry brushing.

Organisational measures to prevent /limit releases, dispersion and exposure

Training to reinforce good wokplace hygiene practice and hygiene issues



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Workplace risk assessment Identification of RMM, technical and organisational measures.



# Authorities' activities

#### Development of links:

• IMPEL activities Linking the Directive on Industrial Emissions (IED) and the REACH Regulation, November 2013



SLIC/CHEMEX activities
 Guidance for National Labour Inspectors on the interaction of the REACH, CAD and CMD, May 2014



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#### **Case study – next steps**

#### Feedback

- · Received from limited group
  - Industry, OSH and environmental authority
  - Positive reactions
  - Seems fit for purpose but may be challenging for less experienced audience
  - Quality and readability of SDS/ES is key
- Invite input from ENES community strategic issues
  - Document and link to questionnaire will be sent after ENES 7
  - Feedback early 2015

#### Workshop

• Helsinki, March 2014





#### Case study – strategic feedback

- 1. Can you identify potential uses/aspects of REACH/CLP information not illustrated?
- 2. How to improve the exemplification for different groups?
- 3. Are there other legislations that should be included in the scope?
- 4. What are the key discussion topics that should be included in the agenda of the March 2015 workshop?
  - $\circ\;$  Do you have your own practices on information use that you would share?

Any first reactions or questions?



