



OSH and REACH

**How REACH
supports OSH
Legislation**

By Bjorn Gaarn Hansen

**European Commission
DG Environment
Chemicals, Biocides and Nanomaterials
Head of Unit**

Overview

- *OSH*
- *REACH*
- *Added Value of REACH over OSH*
- *Conclusions*

Occupational Safety and Health

- *Directive 89/391/EEC establishes the general frame for improvement of safety and health of workers at work*
- *14th individual directive: Directive 98/24/EC on risks related to chemical agents at work*
- *6th individual directive: Directive 2004/37/EC (codification) on risks of carcinogens and mutagens at work*

Occupational Safety and Health

Directive 98/24/EC, the Chemicals Agents Directive

- *Recital (5): objective achieved through general principles, not prescriptive requirements*
- *Art 4: Obligation to perform and document Risk Assessment and identify measures to control risks*
- *Art 5: Eliminate or minimize risks*
- *Art 6: Hierarchy of Protective and Preventive Measures: 1st action is substitution.*

Occupational Safety and Health

Directive 2004/37/EC, the Carcinogens Directive

- *Art 4: Replacement by less hazardous when technically feasible. Submit findings to authorities on request*
- *Art 5: Closed system and if not technically feasible, then reduce exposures as far as technically feasible and implement a number of measures*

REACH

Regulation (EC) 1906/2006, REACH

- *Registration*
- *Evaluation*
- *Assessment*
- *Restrictions*
- *Authorisation
of Chemicals*

REACH supporting OSH: Registration

OSH - CAD

- *General Frame, filled in by employer in detail adapted to actual work place.*
- *Detailed Risk Assessment*
- *Documentation*
- *Risk Management Hierarchy*

REACH added value

- *Data Generation*
- *Chemical Safety Assessment establishing general safe use conditions*
- *Communication up and down supply chain*
- *Submission to ECHA, enabling review*

REACH supporting OSH: Evaluation

OSH - CAD

- *General Frame, filled in by employer in detail adapted to actual work place.*
- *Detailed Risk Assessment*
- *Documentation*
- *Risk Management Heirarchy*

REACH added value

- *Data Generation*

REACH supporting OSH: Restrictions

OSH - CAD

- *General Frame, filled in by employer in detail adapted to actual work place.*
- *Detailed Risk Assessment*
- *Documentation*
- *Risk Management Hierarchy*

REACH added value

- *Tool to identify if there are systematic problems at the workplace with objective approach to finding optimal solutions*

REACH supporting OSH: Authorisation

OSH - CarcDir

- *Detailed Risk Assessment*
- *Replace where feasible*
- *Document Efforts*
- *Minimise Exposures*

REACH added value

- *Submission of:*
 1. CSR
 2. Analysis of Alternatives
 3. Substitution Plan
 4. SEA
- *Pier review*

Conclusion

OSH – Provides an existing, tested framework for ensuring worker protection

REACH – Provides added value to OSH but further work is needed to identify and use synergies.

- *Thank you*
- *Tak*
- *Grazie*
- *Dankje wel*
- *Danke*
- *Merci*
- *Kiitos*