



# Responsible Care® Priorities in Europe

Bernhard Thier, Cefic Responsible Care Manager

Brussels, 11 October 2010



Chemistry making a world of difference

## Cefic engaging with stakeholders



- **Authorities**  
Cooperation on new regulations;  
implementation of regulation and best  
practices e.g. with EU-OSHA
- **Trade unions**  
Cooperation in the framework of the  
European Social Dialogue
- **Academia**  
From research to innovation  
(technology platforms)
- **Value Chain**  
Enhancing the safe management of  
chemicals throughout the value chain



***...but why dialogue?***



## European RC Conference 2010



Chemicals in the value chain

### Chemical safety in workplaces

*Trade union*

### Chemical risks in SMEs

*EU Senior Labour Inspectors Committee*

### Public risk perception & governance

*International Risk Governance Council (IRGC)*

### Role of science in decision making

*Solvay*

### Exposure: case study formaldehyde

*Sector group FormaCare*

### Product stewardship & substitution

*Company case studies*

### Customer perspective

*IKEA & Electrolux*

### Projects on greening chemicals

*University of Amsterdam*

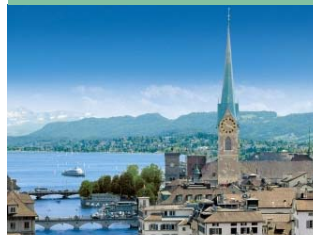
### Breakout session

*Working groups*

### Panel discussion

*UNEP, IRGC, ICCA a. o.*

Zurich, Oct 20-22



## European RC Awards 2010

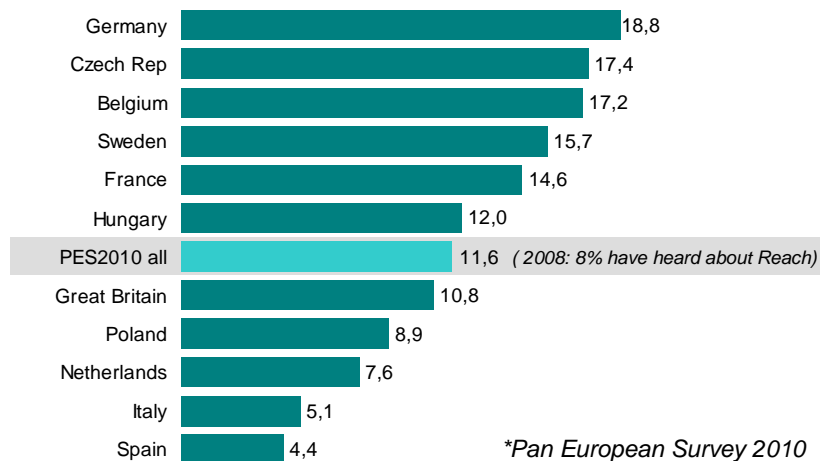


- NOF Metal Coatings (France)
- Hüttenes-Albertus (Germany)
- 5 special commendations
- 53 entries from 10 countries
- Independent jury
- High recognition
- Winners in Cefic Film



5

## RC awareness in Europe\*



\*Pan European Survey 2010

6

## Cefic Partnership with EU-OSHA



- EU OHS agency promoting safety & health at work
- Two year campaign promoting healthy workplaces
- 2009 focus on risk assessment
- 2010 focus on safe maintenance
- Campaign materials include
  - posters, leaflets & factsheets
  - powerpoint presentations
  - quizzes & animations
- Partnership offer: Recognition on website, in press releases and at campaign events
- <http://hw.osha.europa.eu/partners>



7

EU Partners - Detail - OSHA - Windows Internet Explorer  
http://osha.europa.eu/en/campaigns/hw2010/partners/eu-partners-folder/detail?id=cefic

European Agency for Safety and Health at Work

HEALTHY WORKPLACES  
GOOD FOR YOU.  
GOOD FOR BUSINESS.

MAINTENANCE GET IT RIGHT GET INVOLVED RESOURCES  
ABOUT PARTNERS PRESS AND MULTIMEDIA

FOCAL POINTS OFFICIAL EUROPEAN CAMPAIGN PARTNERS

A EUROPEAN CAMPAIGN ON SAFE MAINTENANCE

### Cefic

Maintenance is crucial for the high standards of safety and health in our industry. We therefore welcome this topic of OSHA's Healthy Workplaces Campaign 2010-11, and will actively promote it through our Responsible Care initiative in the chemical industry and with our partners in the value chain.

**cefic**  
Cefic  
Avenue E Van Nieuwenhuyse 4  
1150 Brussels  
Belgium  
mail@cefic.be  
http://www.cefic.org  
Tel: + 32 (0) 2676 721 1  
Fax: + 32 (0) 2676 737 8

**CONTACT PERSONS**  
Responsible Care Manager  
Bernhard Thier  
Health and Safety  
Representative  
Bernhard Thier

CEO  
Hubert Mandery

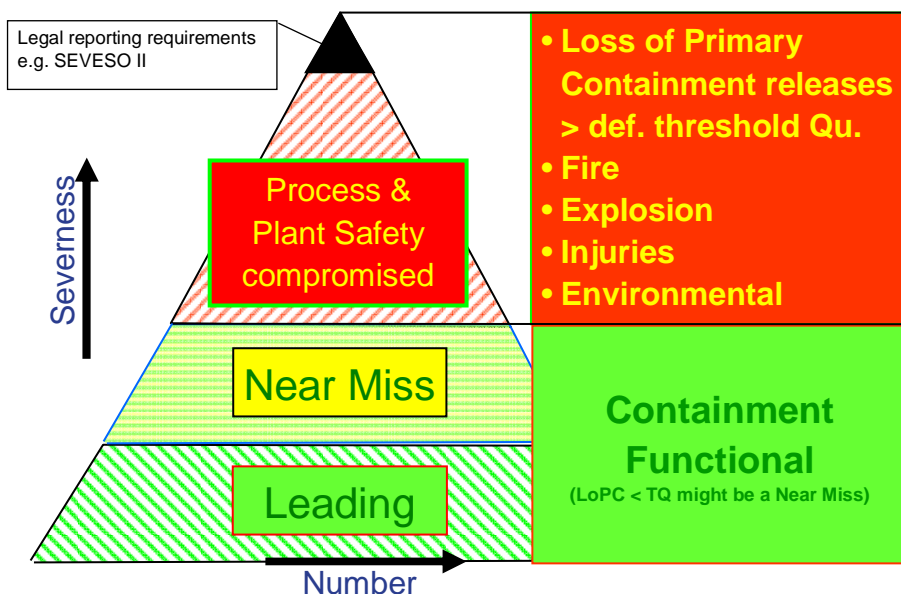
Type of organisation: Non-profit  
Business sector: Chemicals / Minerals  
Mission statement: To maintain and develop a prosperous chemical industry in Europe by promoting the best possible economic, social and environmental conditions to

## European RC security code



- Describes fundamental management practices of protection against any kind of criminal, malicious and cyber acts
- Affects production, storage, distribution and transportation of products as well as liaison with suppliers and customers
- Designed to help companies achieve continuous improvement in security performance using a risk-based approach to identify, assess and address vulnerabilities, prevent or mitigate incidents, enhance training and response capabilities, and maintain and improve relationships with key stakeholders and authorities
- Shared responsibility requiring actions also by other parties such as customers, suppliers, service providers and governmental security agencies

## Process safety performance metrics



## Partnerships: Transport & Distribution



**ECTA:**  
**European RC Programme**  
**for chemical transport**  
**companies**



**FECC:**  
**European RC Programme**  
**for chemical distribution**  
**companies**



The screenshot shows the KPI Extranet web application interface. The browser window title is "KPI Extranet - Overview - Windows Internet Explorer". The address bar shows the URL "http://kpi.responsiblecare.eu/UI/Home.aspx". The page features a green header with the KPI logo and the text "key performance indicator". Below the header, there is a navigation menu with "Logout" and "Welcome Bernhard Thier". The main content area is divided into four sections: "FEDERATION DETAILS", "KPI", "RCLG SURVEY", and "GPS". Each section contains a "Click here" link and a "Blank form" button. The "KPI" section also includes "Export" and "Enter" buttons. The "RCLG SURVEY" section includes "Export" and "Enter" buttons. The "GPS" section includes "Export" and "Enter" buttons. The footer of the browser window shows "Internet" and "100%" zoom.

## Cefic RC Performance Indicators



### Cefic Key Performance Indicators (currently 16):

#### 1. Safety and occupational health

- Number of fatalities (for employees and contractors)
- Lost time injury frequency rate (for employees and contractors)

#### 2. Environmental protection

- Hazardous waste for disposal
- Non-hazardous waste for disposal
- Sulphur dioxide
- Nitrogen oxides
- Volatile organic compounds
- Carbon dioxide
- Nitrous oxide
- Hydrofluorocarbons
- Chemical oxygen demand
- Phosphorus compounds
- Nitrogen compounds

#### 3. Use of resources

- Use of energy, specific energy consumption
- Water consumption

#### 4. Transport

- Transport incidents

13

## E-PRTR: Synergies in Data Sourcing



#### 2. Environmental protection

- Hazardous waste for disposal
- Non-hazardous waste for disposal
- Sulphur dioxide
- Nitrogen oxides
- Volatile organic compounds
- Carbon dioxide
- Nitrous oxide
- Hydrofluorocarbons
- Chemical oxygen demand
- Phosphorus compounds
- Nitrogen compounds

*PRTRs: Installations of certain size report data into Pollutant Release & Transfer Registers*

14





## prisme<sup>2</sup> piloted in 6 countries




Cooperation of national industry associations, trade unions and "mentor companies" with Cefic in

1. Spain
2. Germany
3. Greece
4. UK
5. Slovak Republic
6. Czech Republic



## RC = business case!



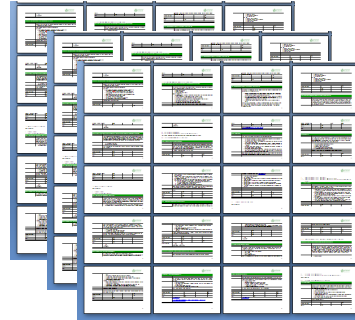
«As a result of our 2005 goals we have saved over \$5 billion with a \$1 billion investment. By 2015, we will achieve, on average, a 75 percent improvement based on 2005 results.» 



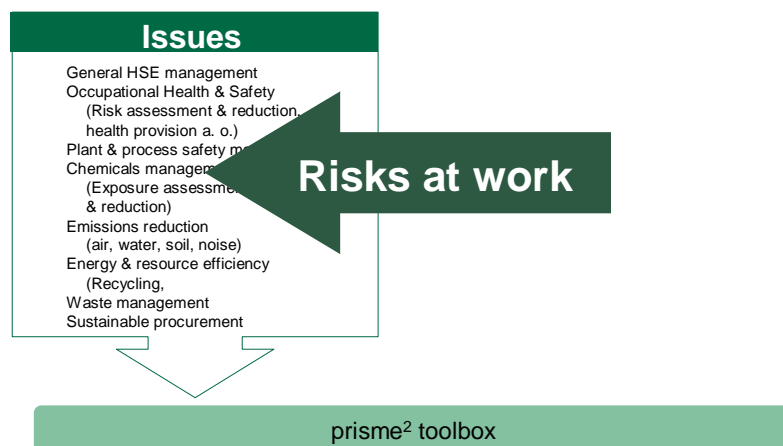
## Responsible Care toolbox for SMEs



- Systematical order by issue
- Short tool profiles incl.
  - ✓ Description, evaluation
  - ✓ Languages available
  - ✓ Contact
- Links to tool itself (PDF, XLS, websites, etc.)



## Issue example



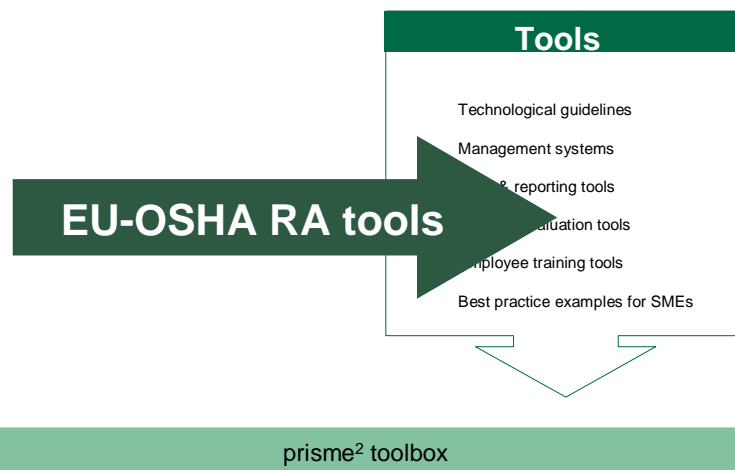
## Risks in workplaces



- Risk assessment (RA) of workplaces is legal obligation for employers
- Need to improve & update
- Identify & promote good practices
- Involvement of everyone in the workplace
- Business benefits



## Tool example



## EU-OSHA RM tools



- SME Risk Management Toolkit
  - Posters
  - Fact sheets
  - Brochures
  - Resource kit USB
  - Napo DVDs
- In 22 languages



**Many Thanks for Your Attention!  
Questions?**

(contact: [bth@cefic.be](mailto:bth@cefic.be))

