



Process safety Governance *Perspective of the Global Chemical Industry*

Responsible Care[®], ICCA and OECD Initiatives

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Who is Cefic ?



European Chemical Industry Council: <http://www.cefic.org/>

Cefic is the voice of the European chemical industry in the European Union and the world. We represent 27,000 chemical companies in Europe that produce 24% of the world chemical products and employ over 1.2 million employees.

Staff & network

150 staff members

4000 industry experts from companies & federations

(150 Sector Groups, Strategy Implementation Groups and Issue Teams)

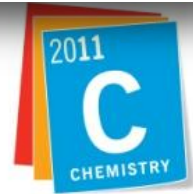
Members & Affiliates

28 national federations in Europe

50 major international companies

Ca. 450 business members

Global sponsor of



International Year of
CHEMISTRY
2011

Partner of





International Council of Chemical Associations



- World-wide Voice of the chemical industry representing 70% of chemicals production (Founded 1989)
- CEO-driven organization
- Represents 55 industry associations on 6 continents
- ICCA promotes and co-ordinates **Responsible Care**, GPS and Energy and Climate Change
- Operates by coordinating the work of member associations and their member companies

<http://www.icca-chem.org>

North America	US, Canada, Mexico
South America	Brazil, Argentina, Peru, Chile, Uruguay, Ecuador, Venezuela, Colombia
Europe	CEFIC (28 Countries)
Australasia	Australia, New Zealand
Asia	South Korea, Japan, Singapore, India, Indonesia, Malaysia, Thailand, Philippines, Chinese Taipei, China
Middle East	Saudi Arabia, Kuwait, Emirates, Omar, Qatar, Bahrain, Israel
Africa	Morocco, South Africa





International perspective on PS Governance



- **Q1 2011 : Cefic commissioned a team to work on the Guidance on PS KPI ...Launched !**

- **Q3 2011 : OECD via the WGCA initiated the reflexion on corporate governance for PS ...Launch June 14-15 -Paris**
 - DowCorning, DuPont, Canadian Chemistry Association
- **High involvement of the chemical industry via ICCA and Responsible Care Leadership Group**
 - 55 countries – 15 VP HSE from leading companies chaired by DowCorning are represented



OECD PS corporate governance guidelines framework



- Part of a **long-standing OECD programme** on Chemical Accident Prevention, Preparedness and Response
 - *inspired by recent high profile accidents (BP Texas City-TX, DeepWater Horizon, Buncefield UK)*

- **Aim : „Challenge and Inspire „**

- *Sets up the business case right,*
- *Fosters PS **governance essential elements** for CEOs and senior leaders*
- *Provides a self assessment checklist*
- *Full support from 30 CEOs in Davos 2012*





Thank You !



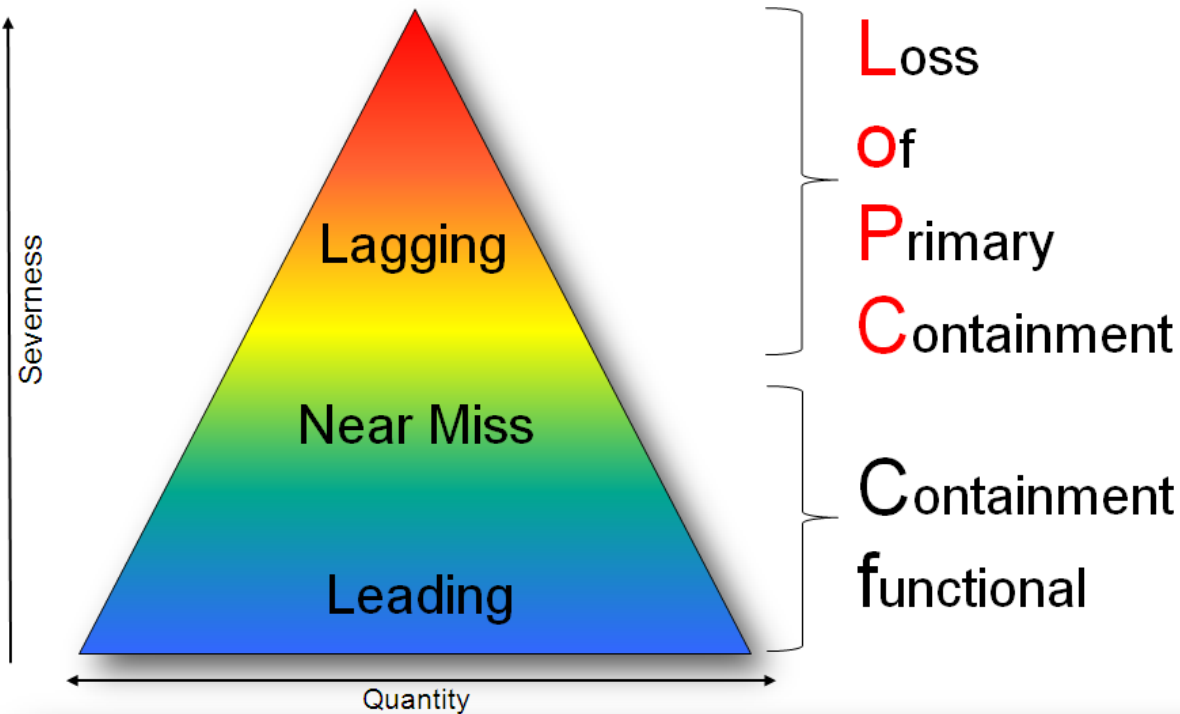


Back-Ups





New KPI for Process Safety: LoPC



LoPC = unintended release of substance or energy with

- a) Lost time injury ($\geq 1d$) and/or fatality or
- b) Fires or explosions resulting $\geq \text{€ } 20,000$ of direct cost or
- c) Substance release \geq defined release threshold quantities



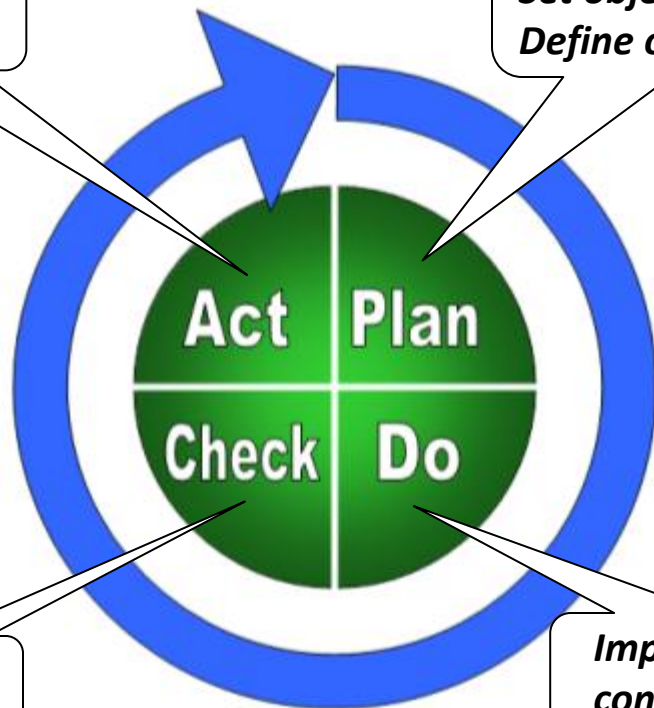
RC Management System



Leadership commitment & policies

Management review

***Identify requirements,
Set objectives,
Define organisation***



Monitor

Implement & put controls in place

Continuous improvement



