



**International Conference on
Process Safety Performance Indicators
Way forward for PPS Metrics for all stakeholders
31st January – 1st February 2012**



**Dr.-Ing. Peter G. Schmelzer, Bayer HealthCare AG
Chairman CEFIC Issue Team Process and Plant Safety**

What is the way forward together for key stakeholders ?



- *CCPS – ACC – EPSC – CEFIC join forces to agree on an harmonized PPS PI single approach (PSI/LoPC)*
 - *Get an agreed standard, consider ISO (<<- API) (GHS-based, # of incident categories (threshold cat., severity considered));*
 - *Provide tools for companies ...*

- ➔ *Identify individuals to form a joint working group to develop this PSI/LoPC-standard ...*
- ➔ *Agree on a timeline*
- ➔ *On Cefic / EPSC – side: working group representatives coordinate the European discussion*

What is the way forward together for key stakeholders ?



■ *Leading Indicators:*

- *A company / a site should have a small set (hand full) of PPS indicators*
 - *Make practical recommendations (expert support):*
 - *leave plenty room / degree of freedom for the companies to define their most appropriate set of (leading) indicators,*
 - *how to set up reporting and drawing conclusions in the company (<< work force engagement)*
 - *There is not, yet, a set of obviously more practical „leading“ indicators, but different approaches which all seem to work*
- *Cefic / EPSC (other institutions, companies) to discuss / consider how to support the implementation of leading indicators (i.e. more PPS PI conferences, work shops ... → mentoring, coaching offers etc.)*

What is the way forward together for key stakeholders ?



- *Experience so far tells:*
 - *Engage (convince) senior management*
 - *Engage the „victims“ / relevant practitioners on the „shop floor“*
 - *Create the culture of „no blame“*
 - *Focus on making clear that there is the obligation for each single company/operator*

- *SMEs (but probably not limited to them):*
 - *More important to have a practice based process for better understanding the hazards to derive their own needs and identify the controls → mentoring/partnering*

- *Cefic / EPSC (other institutions, companies) to discuss / consider how to support / reach out to companies to implement indicators (work shops, ... → mentoring, coaching offers etc.)*

What is the way forward together for key stakeholders ?



■ *Public reporting*

● *The Dow story (since 1994 public reporting) tells:*

- *It can be done without creating any significant negative impact.*
- *It has benefits internal to the company / economic return*
- *It is the ultimate in accountability*

- *There is a majority opinion from the conference, that public reporting is ultimately necessary*
- *It takes rather years to get there*
- *A single globally accepted Process Safety Performance Indicator is considered helpful if not necessary*

→ *Federations i.p. CEFIC for Europe need to decide (w/ the members)*

- a) for public reporting (or not),*
- b) define a timeline when (on which level) to get there*
- c) support developing the single Process Safety PI*

