



European Technology Platform on
Industrial Safety
Safety for Sustainable European Industry Growth



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- Greetings from:
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The Facts

- IN EUROPE.....
- Accidents in industry kill one person every 2 hours and injure one person every 15 seconds
- The death toll is approximately 4,900 every year from a total of 7.6 million accidents

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Objectives & Benefits

- To gain 'Safety for the Sustainable Growth of all European Industry' by reducing the number of accidents & supporting safe innovation (i.e. 25% reduction in accidents by 2020 together with programmes to be in place by 2020 for ongoing 5% per year improvement).
> impact on cost of manpower, availability of production systems
- To bridge the different aspects of "industrial safety" (Health & safety of the workers plus environmental safety including prevention of major accidents & protection of the environment).
> impact on cost for managing and reporting
- To facilitate and accelerate the breakthrough for progress in industrial environmental, health & safety (EH&S) via a co-ordinated & integrated research (Public-Private Partnership at regional, national and EU level)
> impact on the efficiency of basic safety research & optimisation of research funding
- To valorise, exploit and implement the results.
> ensures usefulness of the research

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The challenges now

METRICS OF SUCCESS

- Inputs:
 - Industry partners in projects as part sponsors
 - Industry commitment to implement results
- Outputs:
 - Measurable improvements

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The challenges now

METRICS OF SUCCESS

- Inputs:
 - Can we establish a research proposal format including?
 - Industry partners in projects as part sponsors ?
 - Industry commitment to implement results ?
- Outputs:
 - Measurable improvements
 - We need to explore new common metrics (injuries, losses, days lost, environmental impact)
 - Until this is done we can only measure locally versus local criteria

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Some approximate statistical comparisons

- Most of Chemical Industry is performing with an average accident rate of less than 1 per 200,000 man hours (a significant number are achieving 0.4 or lower)
- Translate this average to the working population of European Union and the number of accidents should be approximately 1.3 million – saving >6 million accidents
- Performance in the top quartile would result in 520000 accidents – > 90% improvement
- In 2003 a global major in the sector found that 70% of its sites had no reportable accidents

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What is possible?

- Public have high expectations and low risk tolerance
- New risks need to be considered
- If Research can discover and address the root causes, a 25% improvement across Europe seems a 'less than stretch goal' considering what has been achieved by some companies.
- Let's get serious - and pursue coordinated and integrated research projects
- Technology Platform should be the best opportunity – synergy with other TPs.

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Access and transparency

- All proceedings are available on the web site www.industrialsafety-tp.org
- Membership immediately available to any person or persons with a legitimate interest in improving Industrial Safety and saving lives – see the web site.

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