CEOC International – EUROLAB - IFIA Safety Seminar 2013, November 27, 2013, Brussels

Industrial Safety in Horizon 2020

Bastien Caillard
on behalf of Olivier Salvi
ETPIS Secretary General
What is ETPIS? It is...

• An instrument to pilot and defragment EU research investment in industrial safety (OHS, Process safety and environmental safety)
  - Vision & Strategic Research Agenda
  - 10 National TPIS

• An open forum with 800+ experts to share ideas, prepare future work & disseminate results
  - Focus groups, Technical Workshops & Conferences
  - Education and Training

• A platform driven by industry
  - High Level Group with representatives from Chemical, Oil, Car, Energy, Transport, Food, insurance, Construction, Manufacturing and EU-OSHA
ETPIS as Cross-ETP initiative on Industrial Safety

- Evaluation by the European Commission spring 2013
- ETPIS has become a Cross-ETP Initiative
  - Cross-cutting / transversal topic
  - Potential interactions with all other ETPs
  - Safety as an overarching issue

Cross-ETP initiative on Industrial Safety Vision and missions as cross-ETP

- SafeFuture vision: “Safety for sustainable and competitive future”

- Focus on Societal Challenges and Industrial Leadership

- Develop the solutions **technological** and **non technological** – regulatory, standards, public acceptance, cultural

  ... that the industry needs to operate a sustainable business based on innovation (new products, new technologies with adequate management of residual risks).
Safe Infrastructures: J.J. LARRANETA (Tecnalia)
- Life extension of process plants, transport infrastructures, power plants
- Intensification of NatCat (NaTech)
- Design and monitoring for long term operation
- Adaptation of infrastructures to new energy systems

Safe Energy: O. SALVI (INERIS DEVELOPMENT)
- New energy carriers for ground vehicles (FEV, fuel cells, CNG, H2...)
- Deployment of sustainable fuels
- Energy storage in stationary applications

Safe Products/Production: J. MEULENBRUGGE (TNO)
- Green jobs
- Value chain and interdependencies
- Nanosafety
- PPEs in a Smart Working Environment

Safety Cross-cutting issues: A. JOVANOVIC (Steinbeis R-Tech) & V. COZZANI (UniBo)
- Multi-Risk / Risk-Risk tradeoffs – safety for sustainable integration, interaction and risk governance
- “Agreed Approach to Risk-Risk Tradeoff management” (the Multi-Risk initiative); difficulties in putting together different risk mitigation policies and ensuring their compatibility
### Cross-ETP initiative on Industrial Safety

**Vision and missions as cross-ETP**

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<th><strong>Strategy</strong></th>
<th>From the Strategic Research Agenda the <strong>SafeFuture</strong> Initiative has been developed to address Societal Challenges. In relation with the <strong>ERA-NET SAF€RA</strong> it provides the structure for research and implementation planning.</th>
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<td><strong>Mobilization</strong></td>
<td>The <strong>open forum</strong> offered by ETPIS enables the members and stakeholders to meet and develop solutions to current and future safety challenges using various funding schemes, mainly at EU level with e.g. the European Framework Programme.</td>
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<td><strong>Dissemination</strong></td>
<td><strong>Newsletters</strong>, <strong>technical workshops</strong>, and <strong>other events</strong> organized on a regular basis contribute to keep the community up-to-date with legal requirements and the new knowledge gained though research and development.</td>
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Proposal: Risk Management in innovative technology projects with TRL>5 in HOR2020
More information available at:
http://www.industrialsafety-tp.org

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