



## **Technology Platform to gain Safety for Sustainable European Industry Growth**

### **4<sup>th</sup> ETPIS GENERAL ASSEMBLY**

**12 March, 2009**

**Fondation Universitaire, Rue d'Egmont 11 - 1000 Brussels**

## **Summary Report of the meeting**

NB: This summary report and the slides are available on ETPIS website

### **9:00 Welcome**

Christian Jochum, Director of EPSC & ETPIS Executive Board Member

C. Jochum welcomed the participants and in particular the European Commission representatives and the leaders of the associations. He underlined that ETPIS would like to defragment the community interested by safety and risk issues, and therefore, the presence of the associations is very important.

### **Opening**

Herbert von Bose, Director Industrial Technologies, European Commission DG RTD Dir. G

H. von Bose reminded the audience of the 3 pillars of the Lisbon agenda: Competiveness, Sustainability, and Social Aspects. He affirmed that ETPIS has been contributing to social welfare as well as economical performance. The European Commission shapes its research programmes according to the needs expressed in a bottom-up approach as shown in the project approvals of IRIS and iNTeg-Risk as well as seen from the regulatory demand defined in consensus of various General Directorates of the EC.

He presented the JTIs as well as the PPP (Public Private Partnership) initiatives which were launched as part of the "recovery package". It addresses in particular 3 industrial sectors: a) Manufacturing industry (Factories of the future), b) Construction (Energy-efficient buildings" and c) Automotive industry (Green cars, with emphases on the electric energy supply).

He invited ETPIS to collaborate with these initiatives which are under his supervision. He presented the budget available and explained that there is room for transversal issues like industrial safety, in particular to have "embedded safety" in the innovation, not only for the performance of the products and the processes but also for the public acceptance. Mr von Bose encouraged to cooperate with the technology platforms MANUFUTURE and SusChem.

### **Actions:**

A delegation from ETPIS with representatives from the HLG will meet Mr von Bose possibly in June or July 2009 to inform him on the priorities of the industry and express the needs that could be supported by public funding such as FP7.

## **Part 1: Structuring the European Research Area in Industrial Safety**

### **Session 1: Chairs Eusebio Gainza (PraxisPharma) & Soren Bowadt (EC, DG RTD)**

### **9:15 Industrial Safety Challenges in the Industry**

Christian Jochum, EPSC & Philippe Klein, EDF (Member of the HLG)

C. Jochum presented the key features of ETPIS, i.e. scope of ETPIS, the vision and the objectives. P. Klein commented the creation of the HLG during last year and the action to prioritize the topics in the Strategic Research Agenda based on the priorities of the European Industry. This process to prioritize was agreed at the 1<sup>st</sup> meeting of the HLG, It is foreseen to be ready by end of June 2009. In addition, P. Klein gave the priorities of EDF based on the current version of the SRA.

### **9:30 Priorities for industrial safety, European Commission point of view**

Achim Boenke, European Commission DG ENTR



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A. Boenke focused his speech on the way to address SMEs when dealing with industrial safety, and demonstrated the use of the results of ETPIS work, both Focus Groups (Hub) and the projects linked with ETPIS. In particular, for the SMEs he shared his personal experience and knowledge of the behavior of SMEs. Concerning the use of results, he explained how Nanosafe2 provides inputs to the OECD working group on nanotechnologies. His speech showed the added value of ETPIS, as a forum to disseminate results

Julian Foley, European Commission DG ENV, Civil Protection Unit

J. Foley addressed the organization of Commission regarding the Seveso Directive. He informed about the revision in preparation due to the integration of GHS, and the results of other studies. At the end of his speech, he underlined the important role played by ETPIS to organize the expertise to solve important questions through projects, and also for the dissemination activities.

#### **10:00 Priorities for industrial safety in terms of standardisation**

Ernst Peter Ziethen, CEN Chairman of the Technical Board

E. Ziethen presented the organization of the standardization processed in Europe and the strategic vision of CEN. One of his key messages was that standardization can help the implementation of the results and bring benefice to access markets. Therefore he demonstrated that standardization has to be taken into account in almost all projects ending with practical tools that will be implemented by the industry. He took the example the iNTEg-Risk project, in which CEN will support the process to obtain 5 Workshop Agreement documents for the most relevant aspects of emerging risks related to New Technologies.

#### **10:15 EU-OSHA and ETPIS partnership for the campaign on Risk Assessment**

Terry Taylor, Head of Working Environment Information Unit, Eur. Commission EU-OSHA

T. Taylor gave a very comprehensive speech explaining the objectives and the approach for the campaign launched by EU-OSHA on risk assessment. He explained that all participants are invited to promote and use the tools & materials produced by the Agency for the campaign. He underlined the partnership with ETPIS which was in the first group of the partners of the campaign and which is committed to organize major events in 2009: 1) the conference on Emerging Risks in Stuttgart on June 2-3, 2009 and 2) a conference on outsourcing & SMEs in Bilbao in November 2009, as part of the closing events of the campaign.

In the discussion a lack of instruments to measure the success of the safety achievements became apparent. CEN is open to suggestions from stakeholders for new instruments to measure accomplishments in industrial safety.

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#### **10:30 Coffee break**

**Poster exhibition & networking**

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### **Part 1: Structuring the European Research Area in Industrial Safety**

#### **Session 2: Chairs Olivier Salvi (INERIS) and Achim Boenke (EC, DG ENTREPRISE)**

#### **11:00 Round Table: Synergies in the industrial safety and risk communities: panorama of the association, societies and initiatives**

Christian Jochum, Director of EPSC (<http://www.epsc.org>)

Georg Suter, Chair of Loss Prevention and Safety Promotion at EFCE (<http://www.efce.org>)

Roberto Bubbico, President of SRA Europe (<http://www.sraeurope.org>)

Ioannis Papazoglou, ESRA Chairman (<http://www.esrahomepage.org/>) [apologies]

Henrik Kortner, ESReDA President (<http://www.esreda.org/>)



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Kari Larjava, ENERO Vice President (<http://www.enero.eu>)

Each participant of the Round Table had the opportunity to introduce his association / society and to explain what could be the contribution by the association to ETPIS, in particular to develop work synergies regarding

- the planning of research programs (revision of the Strategic Research Agenda),
- the dissemination activities,
- and the preparation of projects.

The round table concluded that the synergies are obvious and this meeting was the starting point of work to enhance mutual benefits. In concrete, it was agreed to, at least mutually informed the associations about their future events to enable cross attendance, and to organize the contribution from the members of the associations for the update of the strategic research agenda.

#### **12:10 Coordinating the national TPIS – Creation of an ERANET+ - Joint Programming: role of the mirror group**

Eusebio Gainza, Chair of National TPIS

Juergen Lexow, BAM, Chair of German TPIS and member of the Mirror Group

E. Gainza reported about the situation of the National Platforms on industrial safety, and their meetings to coordinate the activities, especially the preparation of projects which are of interest in several member states. He presented also the conclusions of the Mirror Group meeting, and in particular the need to interact with the Programme Committee by working in collaboration with the national member states.

J. Lexow explained the wish to create an ERANET + in industrial safety, which can take benefits from the experience of the NEW OSH ERA project. He concluded that it is necessary to find 5 Member States to develop the idea of an ERANET + in industrial safety, and that this has to be organized via the Mirror Group.

He informed that the next meeting will probably take place on 16 June 2009 in Brussels.

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#### **12:30 Lunch break Poster exhibition & networking**

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NOTE: The project ideas below presented at the GA do not represent the opinion of ETPIS, but only the view of the project idea proposer/leaders.

The purpose of the presentation of project ideas was to enable the launch of new projects and initiatives involving active members of ETPIS.

##### New project ideas

1. Fire Safety Engineering (FSE): Improving fire protection in a more adaptive European industry, leader VFDB (Germany)
2. Resilience Innovation Lab, leader TNO (The Netherlands)
3. New energy carriers in transport and impact on tunnels and car parks, leader SP (Sweden)
4. Critical Infrastructure Protection, contact CEA (France)
5. Technological Risk Atlas. Achievement Methodology, leader ICSI (Romania)
6. Continuous Monitoring of Environment and Territory, leader University of Salerno (Italy)
7. Study of test cases in structural safety, benchmarking, leader IMdR (France)
8. Embedded ultrasonic sensors for industrial health monitoring, leader LEIA (Spain)
9. Ultrasonic sensors for detection of hazardous substances and materials, leader LEIA (Spain)

##### Results of projects

10. Strategy in the knowledge infrastructure for safe chemical and energy industries, AGS (The Netherlands)



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**Part 2: Report of the activities of ETPIS**

**Session 1: Chair Georges Katalagarianakis (EC, DG RTD) and Philippe Klein (EDF)**

**13:30 Projects funded at the launch of FP7 on the topic “Integrated risk management in industrial systems”**

Helmut Wenzel, VCE: IRIS project

Aleksandar Jovanovic, EU-VRi: iNTeg-Risk project

The coordinators of the 2 projects presented the workplan and the objectives of the projects. During the discussion, it was pointed out that “human factors” aspects are not enough addressed in those 2 projects, and that the results of projects such as the EU-projects I-RISK, ARAMIS, SHAPE-RISK, and VIRTUALIS have to be integrated in the approaches.

The coordinators agreed to elaborate the liaisoning schemes and report about them on the next meetings of ETPIS.

**Part 2: Report of the activities of ETPIS**

**Session 2: Chairs Christian Jochum (EPSC) and Juergen Lexow (BAM)**

**14:10 Overview of ETPIS activities**

Olivier Salvi, INERIS

O. Salvi reminded the audience with the challenges of the Executive Board (EB) as agreed at the last General Assembly, in Barcelona. This was the starting point of the work for the EB, which focused its efforts on the creation of the High Level (HLG) Group and the sustainable operation of ETPIS. Actions on these 2 challenges were successful because the HLG has started its activity and ETPIS is now officially working with an operating agent (EU-VRi) and has put in place a membership fee, with a business model approved by the EB.

**14:30 Initiatives on education and training & work with SMEs**

Rosa Nomen, URL-IQS

Monica Grillo represented R. Nomen who was not able to attend. She described activities performed towards the inclusion of SMEs and development of the work for the benefit of SMEs. She gave also several examples of projects initiated either in the Competitiveness and Innovation Programme from DG ENTRE (INNET) and Infrastructures under FP7 (Research for SMEs). She also presented the process to define, based on the wishes of the industry, the priorities concerning education and training in the field of industrial safety. ETPIS is partner of the 2<sup>nd</sup> Forum on Education and Training on Risk, hosted by UNESCO and organized by the EuroMediterranean Association on Risk Education, taking place on 4 & 5 June 2009.

**14:50 Co-ordinating proposals and initiatives - revision of the Strategic Research Agenda (SRA)**

Aleksandar Jovanovic, Steinbeis R-Tech

A. Jovanovic presented the importance to revise the SRA now, to provide inputs to the European Commission, before the change of the Commissioners beginning of next year. He explained also that a specific tool has been developed to enable collaborative editing of the text of the SRA, via ETPIS website. A new draft version of the SRA is intended to be available by end of June 2009, to have it approved by the HLG.

**15:10 Improving ETPIS operability and sustainability**



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Jan Meulenbrugge, TNO

J. Meulenbrugge reported about the process of nomination of EU-VRi as operating agent (OA) for ETPIS. He presented the missions of the OA, and explained the principles of the business model adopted by the Executive Board for the operation of ETPIS. He insisted that the 100 €/year fee were decided to have keep ETPIS as a forum which is open and inclusive. He also indicated that sponsors will be contacted, because the financial support provided by the membership fees is not enough to cover the cost of a sustainable operation. He also announced that the membership fees might increase next year.

### **15:30 Project funding opportunities in FP7 and other programmes**

J Javier Larrañeta Ibáñez, LEIA - UII-PESI Manager

J.J. Larrañeta provided a very comprehensive description of the possible programmes of funding schemes that ETPIS members should consider when they develop a project idea. The conclusion is that there are a lot of possibilities, in particular with the Eureka scheme.

### **EUREKA and EUROSTARS programme**

Jan Askeroi, EUREKA Secretariat

J. Askeroi explained in details EUREKA and EUROSTARS programmes and how they can be used for ETPIS projects. He presented how these funding schemes are implemented and provided recommendations to work with EuroEnviron and to participate in Eurostars. The idea to create a EUREKA SAFETY was proposed and will be explored in the next weeks.

## **Conclusions**

The 4<sup>th</sup> General Assembly was attended by ca. 50 persons, which was not quite the expected turnout. This can be explained by the financial crisis and travel restrictions, but also the lack of activity in the focus groups during the last year.

But, the participants approved the work performed last year and expressed their support to the Executive Board for the future of ETPIS.

The main stream of activities will address:

- The development of synergies with the European Associations, to improve effectiveness of the use of the knowledge and resources, as well as the quality of the scientific work;
- The cooperation with the MS via the Mirror Group and the Programme Committee, and prepare an ERANET+;
- The partnership with other ETPs active in the NMP programme, and involved in JTIs and PPP.
- The structuring of a Eureka/Eurostar funding scheme.

Of course, it is agreed that the other activities initiated in 2008 have to continue and bring their results, in particular:

- The revision/update of the Strategic Research Agenda (SRA)
- The support of activities improving education and training in safety within the industry
- The financing of ETPIS operation with sponsors.