



ETPIS as a catalyst of matching stakeholder needs within EU research

2 June 2009, iNTeg-Risk Conference, Stuttgart

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and Chair of the Executive Committee of ETPIS**

ETPIS' Scope

Industrial safety applies to installations, production & transport systems, buildings and safety related structural components

- Occupational health & safety of the workers in industry
- Environmental safety
 - ✓ prevention of major accidents with off-site consequences
 - ✓ protection of the environment and the society

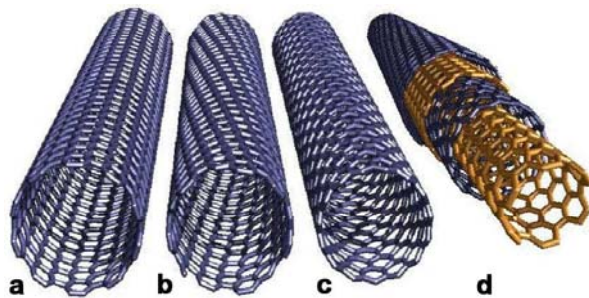
ISSUE ORIENTED, MULTISECTORIAL BENEFITS

Scope

- Traditional industry to solve existing problems
- Innovative industry



Buncefield, 11 De. 2005 (UK)



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ETPIS' VISION

- **By 2020, industrial safety performance shall have progressively improved by 25% (baseline year 2006) in terms of reduction of reportable accidents at work and occupational diseases, environmental incidents and accident related production losses. It will have developed an “incident elimination” culture where safety is embedded in design, maintenance, operation and management at all levels in enterprises.**
- **By 2020 there will be structured self regulated programmes in all major industry sectors which have firm, measurable performance targets for accident elimination equating to an annual reduction rate of 5%**
- **“Accident free mind set” workplaces will become the norm by 2020**
- **This will contribute in a major way to sustainable growth for all industry in Europe and improvement of social welfare.**

ETPIS' MISSION

ETPIS serves as a powerful instrument to coordinate the investment in Industrial Safety R&D at EU level, mainly by

- **Defragmentation of R&D**
- **Co-ordination of national resources**

Operating ETPLIS to defragment R&D



Annual meeting

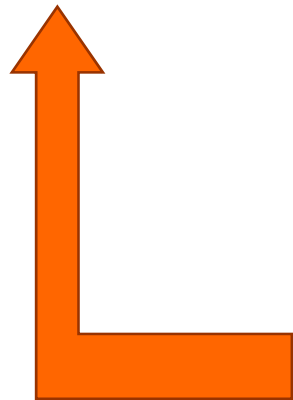
Identify and collect needs to improve industrial safety

Prepare and share the Roadmap (Strategic Research Agenda) for industrial safety



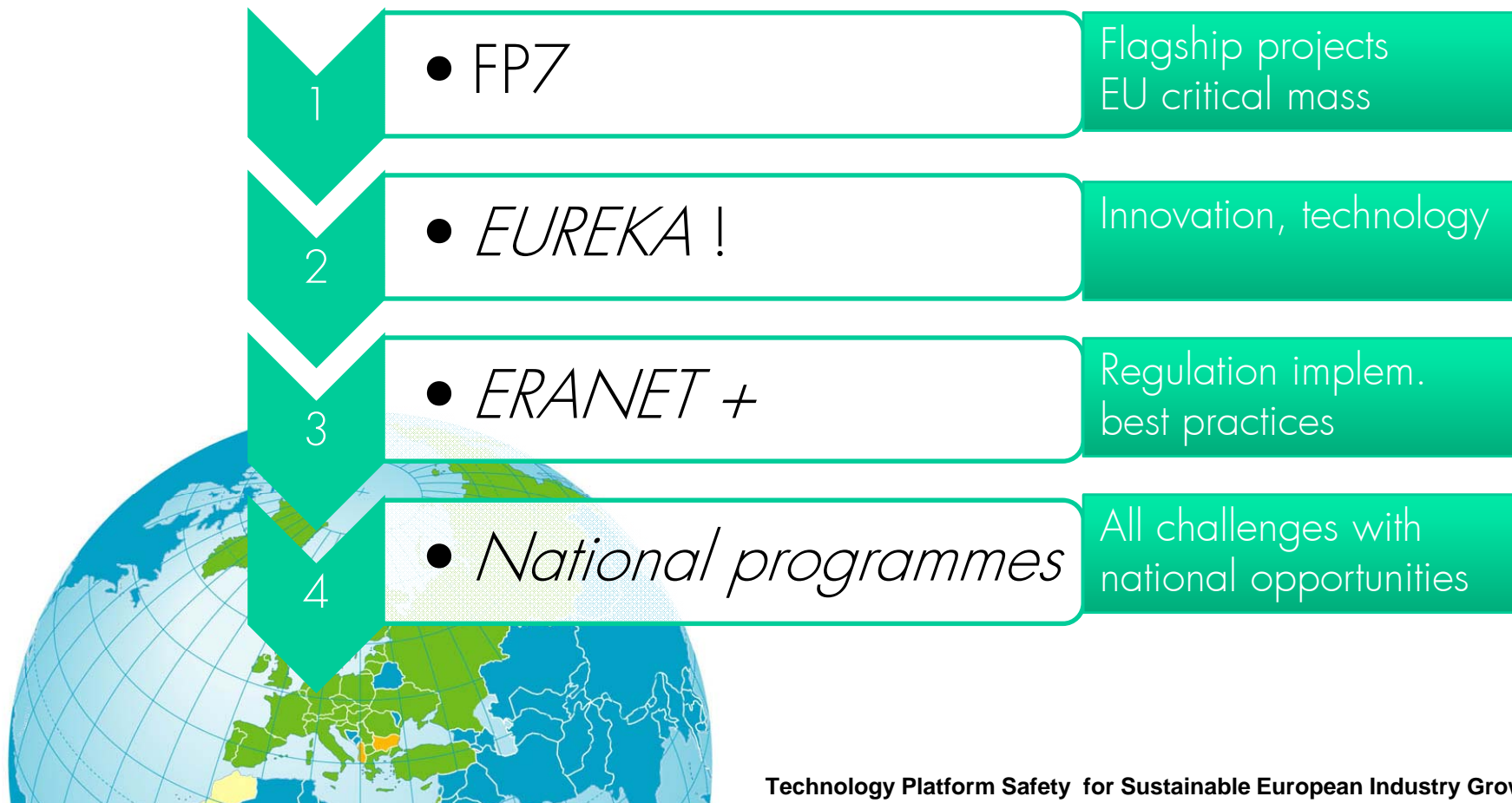
Update every 2nd year

Risk assessment and management methods Advanced risks reduction technologies Structural safety Human and organisational factors Emerging risks
HUB Education, training, transfer to industry HUB Nanosafety
HUB Transport systems and tunnels HUB Large scale experiment facilities (NEXIS)



Co-ordination of national resources for European Challenges

96 % Research investment is at national level !



To improve selection of the Industrial Safety Challenges to be addressed in priority by ETPIIS a High Level Group (HLG) was formed



1st Meeting of the HLG (5 March 2009 in BASF/Ludwigshafen):
Agreement on the process to select the priorities of the industry and on the
timeframe

High Level Group (as at June 2009)

- Wolfgang Gerhardt (Chairman)
BASF, Vice President and Director HSE
- Philippe Klein
EDF, Head of Risk Management Department in EDF R&D
- Antonio Moreno
IBERDROLA, Director HSE
- Theo van der Smeede
EXXON Mobil, Safety and OIMS Advisor
- Terry Taylor
EUROPEAN AGENCY FOR SAFETY AND HEALTH AT WORK, Head of Working Environment Information Unit
- Reto Schneider
SWISS RE, Director and Head of Risk Engineering Services
- Ramon Paredes
SEAT SA, Human Resources Executive Vice President
- Andreas Zink
LKW Walter International, Director and ECTA Vice President

HLG Process to select the Industrial Safety Challenges

- Starting point:
list of topics as in the actual version of the
Strategic Research Agenda
- Selection of the « Top 5 »
and « Low 5 » by each representative
- Global ranking with all contributions
- Analysis of the situation
for the Top 5 / Low 5
- Decision on the Top 5 of the group
with a detailed definition
of what is needed



March 2009

May 2009

June 2009



First impression from the HLG discussion

Some important challenges

- Human Factors in Emergency and Crisis Management
- Methods to maintain safety of aged and repaired structures and technologies for life extension
- Understand the particularities for the pedagogy in the field of safety (based on risk perception), and improve education and training for students, workers and managers
- Application of advanced information technologies in safety-related systems
- ...

Conclusions

- *From a bottom-up approach in 2006 to prepare the Strategic Research Agenda, to a top-down approach to define the key priorities*
- *Specify the key priorities in structured funding programmes such as EUREKA and ERANET+*
- *Objective: sustainable funding scheme for industrial safety!*



European Technology Platform - Industrial Safety - Microsoft Internet Explorer - [Travail hors connexion]

Fichier Edition Affichage Favoris Outils ?

Adresse <http://www.industrialsafety-tp.org> OK

European Technology Platform on
Industrial Safety

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latest news

5/9/2005
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3/1/2005
Meeting of the Advisory Council [MORE](#)

12/6/2004
MANUFACTURE 2004 Conference : European Manufacturing of the Future : Making Research Work [MORE](#)

Welcome to TP on Industrial Safety

What is TP safety?

What exactly is a TP on Industrial Safety and what are technology platforms in general? Learn more about this initiative, about its goals, organization, structure... [MORE](#)

Join the Industrial Safety Technology Platform

You can join the Industrial safety technology platform by applying using the membership form. [Click here](#) to download the Technology Platform membership form in MSWord format.

Join a Focus Group of the Industrial Safety Technology Platform

The Technology Platform on Industrial Safety has following focus groups:

- FG1. Methods and technologies to reduce risk at work, for the environment, major accidents
- FG2. Methodologies for Risk Assessment and Risk Management
- FG3. Human and Organizational Factors
- FG4. Education and Training
- FG5. Research Incubator: Emerging and Cross-cutting Risk & Safety issues

TP Industrial Safety Launch Event

Launch event of the European Technology Platform on Industrial Safety will be held on June 30th 2005 in Gdansk, Poland. Registration deadline is 31st May 2005. You can read more and register using the registration form which can be downloaded in PDF form

[Register Form.](#)

Download

You can download the presentation on Industrial Safety Technology Platform in PDF format [here](#).

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