



European Technology Platform on

Industrial Safety

Safety for Sustainable European Industry Growth



Role and position of ETPIS in Horizon 2020

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**EU-VRI 9th General Assembly
Stuttgart, May 23rd 2013**

ETPIS situation in the panorama of the ETPs in Horizon 2020

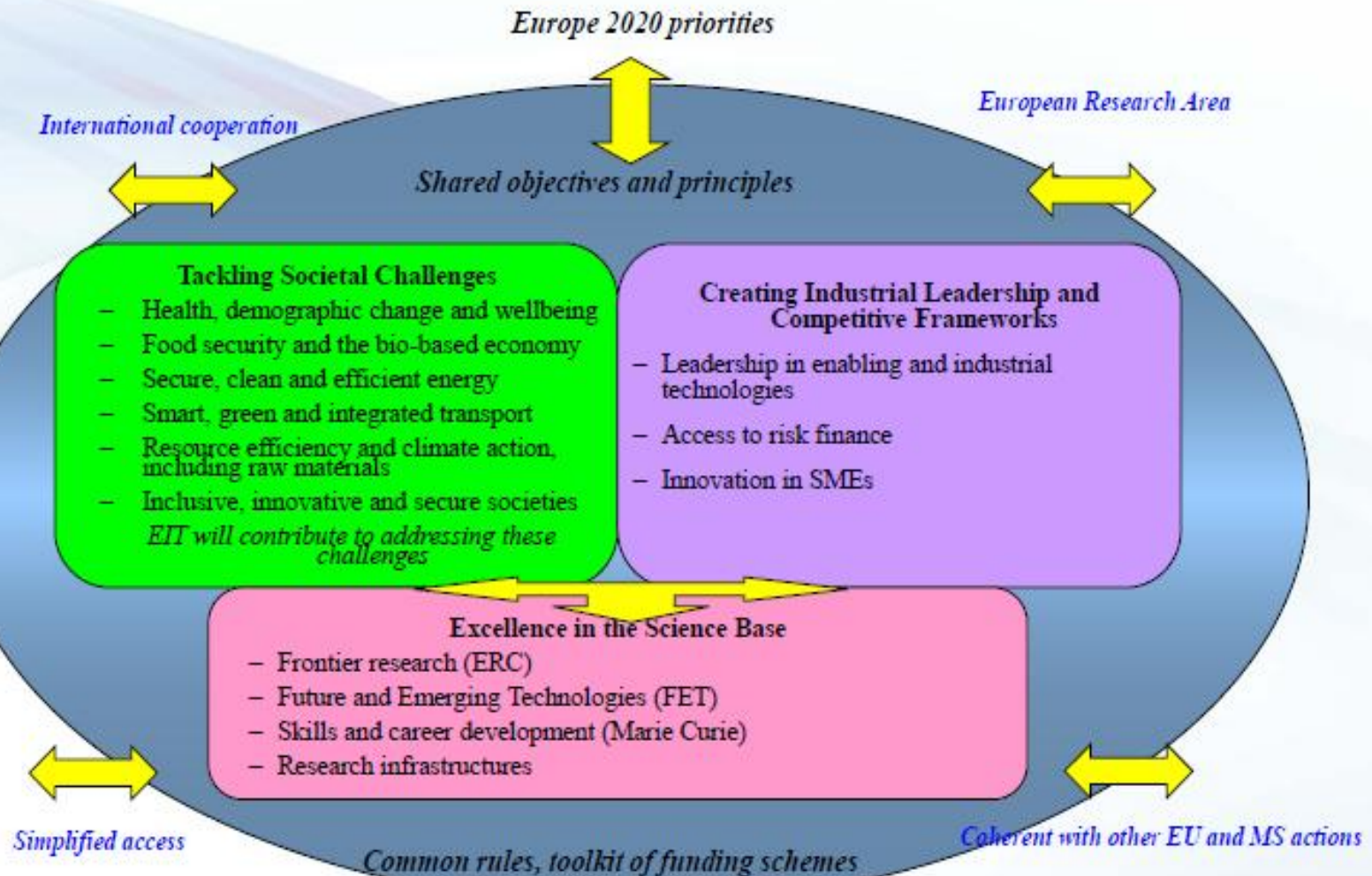
- **New project officer: Sébastien Mortier**
- **Formal role given to the ETPs in Horizon 2020**
 - See the ETPs 2020 Strategy
- **Assessment of the platforms is running**
 - Need to demonstrate the added value for the EU 2020 strategy
- **Horizon 2020**
 - H2020 presentation
 - Factsheet

EU2020

Innovation & sustainable growth: embedded safety and emerging risk management for a competitive Europe addressing the EU Grand Challenges



Horizon 2020 – Objectives and structure



The T approach Transversal & Thorough

NMP
ENERGY
ENV.
TRANSPORT
SECURITY
HEALTH

Transversal : embedded safety in all innovative projects

50 M€

Aging

Multi-risk incl.

NaTech

Safe Green Technologies

70 M€

90 M€

Education

Standardisation



SafeFuture

A set of projects
at EU and national
level based on PPP

- FP7 & FP8
- ERANET IS (SAF€RA)
- National programmes
- Industry projects

SafeFuture safety – security – sustainability



*Safety as a trade-mark of the technology "made in EU"
Safe innovation for competitive and sustainable future*

*Way to achieving (by 2020) a new safety paradigm for European industry.
Safety as a key factor for successful business and an inherent element of
business performance.*

*Industrial safety performance progressively and measurably improved in terms
of reduction of reportable accidents at work, occupational diseases,
environmental incidents and accident-related production losses. "Incident
elimination" and "learning from failures" cultures embedded in design,
maintenance, operation at all levels in enterprises. Structured self-regulated
safety programs in all major industry sectors in all European countries.
Measurable performance targets for accident elimination and accident free
mind set workplaces as the norm in Europe.*

SafeFuture

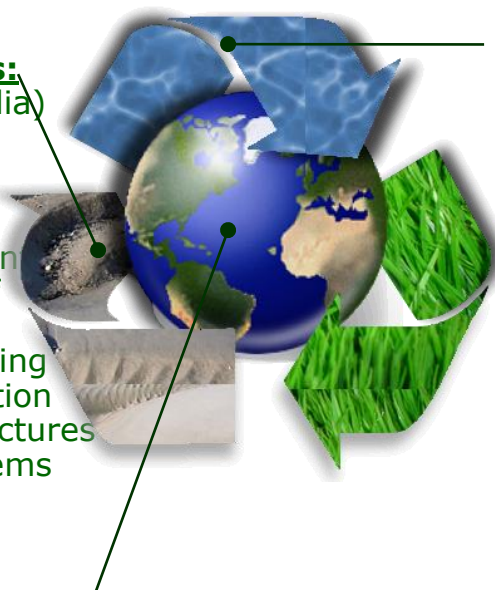
safety – security – sustainability

Organization / Task Force

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



Safety Cross-cutting issues:

A. JOVANOVIC (Steinbeis R-Tech) & V. COZZANI (CONPRICI, 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

Safe Energy:

O. SALVI (INERIS)

- 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) and R. NOMEN (IQS)

- Green jobs
- Value chain and interdependencies
 - Nanosafety
- PPEs in a Smart Working Environment

SafeFuture

safety – security – sustainability

SafeFuture SRA and implementation

- Develop a strategic research agenda for each pillar
- Convince the “innovative industry” to work with ETPIS experts in projects
 - ***Networks with associations, federations, consortia***
 - ***Technical workshops***
 - ***Join or organize new PPP initiatives***
- Address the key priorities of the HLG
- Include general aspects for each pillar, such as:
 - ***Standardization***
 - ***Education***
 - ***International cooperation***
 - ***How to reach SMEs***

Octopus model

ETPIS Survey

- **Survey to collect inputs for topics, in line with SafeFuture (from Mid April to Mid May)**
- **More than 30 contributions received...**
 - Strong interest in soft risk issues
 - Manufacturing more in focus than energy or infrastructure
 - ... need to further exploit the inputs
- **Survey is still open, until the end of the May**
- **Meeting of the Executive Board, HLG in July to align and organise groups and formulate the**

Outline

➤ **Part 1: EU-VRi reporting**

- Draft Annual Report 2012
- EU-VRi portfolio of projects in 2013

➤ **Part 2: ETPIS in Horizon 2020**

- Common vision
- Partnership and alliance
- Discussion
- Examples of initiatives:
 - ***PSOPHIA***
 - ***PPP Soil restoration***
- Survey



Action plan 2013

- **1. Partnership with other ETPs & other initiatives**
 - Finalize the signature of MoU with ECTP-reFINE (continuation of the SafeLife-X project)
 - Same with
 - ***Textile, EU-MAT (EMIRI), SusChem, Biofuel, ERTRAC, Steel...***
 - ***NanoSafety Cluster and NanoFutures***
 - ***MoU also with KICs (climate change, energy...)***
 - ***European Innovation Partnership Raw Materials***
 - Nominate main contact persons
 - Create a coordination group to interact with ETPIS Executive Board

Action plan 2013

➤ 2. Intensify the interactions with key stakeholders

- Various EC representatives from DG RI, ENV, ENTER, HEALTH, SANCO, CLIMATE...
- EU-OSHA and MAHB
- EU scholarship associations: SRA Europe, ESRA...
- EU industry associations: EPSC, FEA, EIGA, CEFIC, CEOC...
- Other ERANET: ERANET SIINN
- Pôle Risques, Safety Clusters in EU
- CEN and national standardization bodies

Action plan 2013

- **3. Energize the NTPIS / Mirror**
 - Use the opportunity of SAF€RA
 - ***Project repository***
 - ***Compendium (similar to the NanoSafety Cluster Compendium)***
 - Update the information on ETPIS website (contacts, websites...)
 - Organize an annual workshop to exchange on given topics
 - ***On a selected topic***
 - ***Think tank session for new topics***

Action plan 2013

➤ 4. SafeFuture Research and Innovation Agenda

- Concept is available
- ETPIS consultation to develop the SRIA
 - **April: identification/collection of topics with a survey**
 - *Context & societal challenges addressed*
 - *Topic description with S&T challenges*
 - *Main deliverables and expected impact*
 - **May: presentation at ETPIS GA on May 23, 2013 in Stuttgart**
 - **June-September: ranking of the priorities**
 - **October-November: workshop in Prag hosted by CZ-TPIS**

Action plan 2013

- **5. Increase the interactions with the HLG**
 - Membership of the HLG to be expanded
 - ***Replace the members who have changed their position***
 - ***Invite new participants***
 - Plan in advance the next meeting
 - Validate the ranking of the SRIA

Action plan 2013

➤ 6. International cooperation

- Sign MoU with similar initiatives in other countries
- Or with key organisations in other countries

Action plan 2013

➤ 7. Upcoming events

- 21-22 May: 5th iNTeg-Risk Conference in Stuttgart
<http://www.integrisk.eu-vri.eu/home.aspx?lan=230&tab=248&itm=2303&pag=1356>
- 23 May: ETPIS General Assembly in Stuttgart
- 5-6 June: EU-OSHA campaign partnership event in Brussels (with a workshop on Learning from accidents and incidents)
- 13 June: Dispersion modeling workshop in Paris
- 25-27 September: International Symposium on Culture of Prevention (www.ttl.fi/cultureofprevention2013)
- 24-25 October in Prag: CZ-TPIS & ETPIS Conference
 - **Preparation of H2020**
 - **Brokerage events**
 - **Workshops**

Perspectives

- **ETPIS provides an effective forum to exchange ideas on safety (technical workshops)**
- ***SafeFuture* will be the new vehicle to promote industrial safety in the new political and industrial context**
- **The content has to be prepared in partnership (PPP) to reach an effective implementation**
- **Most of EU-VRi members are active members of ETPIS, and thus they should use ETPIS and *SafeFuture* for the positioning of EU-VRi in the new context of Horizon 2020**