

D3 Future beyond SAFERA

Olivier Salvi, Cross European Technology Platforms Initiative on Industrial Safety






Future beyond SAFERA funding

WP6 - Building up an enduring structure

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What is ETPIS? It is...



- An instrument created in 2005 to pilot and defragment EU research investment in industrial safety (OHS, process safety & 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, Re-insurance, Construction, Manufacturing, Security & Defense and EU-OSHA*



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Buncefield, 11 De. 2005 (UK)









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.

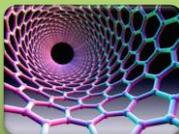


Safety in Horizon 2020



Conventional risks

improving the safety performance in all industry sectors and reducing the impact of accidents taking into account technical, human, organisational and cultural aspects, and the current ‘state-of-the-art methods’ for safety management.



Innovative industry

accompanying the innovative industry to reduce the time to the EU market and reach public acceptance of new technologies and products by implementing e.g. the [CEN Workshop Agreement CWA 16649:2013 ‘Managing emerging technology-related risks’ adopted on June 26, 2013](#)



Safety technologies, products & services

guaranteeing the leadership of the EU safety industry on personal protective equipment, safety systems, inspection and control...



Safety in Horizon 2020



- **SafeFuture** vision: “Safety for a sustainable and competitive future”
- Focus on **Societal Challenges** and **Leadership in enabling and industrial technologies**
- 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).



ETPIS as Cross-ETP initiative on Industrial Safety



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

Individual ETPs					
Bio-based economy	Energy	Environment	ICT	Production and processes	Transport
EATIP	Biofuels	WssTP	ARTEMIS	ECTP	ACARE
ETPGAH	EU PV TP		EUROP	ESTEP	ERRAC
Food for Life	TPWind		ETP4HPC	EuMaT	ERRAC
Forest-based	RHC		ENIAC	FTC	Logistics
Plants	SmartGrids		EPOSS	SusChem	Waterborne
FABRE TP	SNETP		ISI	Nanomedicine	
TP Organics	ZEP		NetWorks	ETP-SMR	
			NEM	Manufature	
			NESSI		
			Photonics 21		
Cross ETP Initiatives					
Nanofutures					
Industrial Safety					

See http://cordis.europa.eu/technology-platforms/individual_en.html



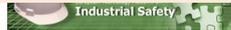
Missions as cross-ETP



Strategy From the Strategic Research Agenda the **SafeFuture** Initiative has been developed to address Societal Challenges. In relation with the **ERA-NET SAF€RA** it provides the structure for research and implementation planning.

Mobilization The **open forum** 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.

Dissemination **Newsletters, technical workshops, and other events** organized on a regular basis contribute to keep the community up-to-date with legal requirements and the new knowledge gained through research and innovation.



SAF€RA STRATEGY VISION



- ❖ Safety and innovation jointly contribute to the competitiveness and sustainability of European industry, meeting societal challenges.
- ❖ Researchers from various scientific disciplines and stakeholders constitute a community, sharing knowledge about industrial safety.



SAF€RA STRATEGY MISSION



SAF€RA shall coordinate research investment in Europe on industrial safety, improving the coherence of research, thus contributing to the development of the European Research Area. SAF€RA will therefore:

- encourage cooperation between researchers from various countries and scientific disciplines;
- create new perspectives and opportunities for safety research to provide industry with forward-looking solutions;
- share emerging societal concerns, knowledge and research results on industrial safety issues in Europe;
- promote research on industrial safety as a competitive advantage and contribute to societal decision making on innovative technologies.



SAF€RA STRATEGY VALUE



The SAF€RA consortium shares the following values:

- ❖ Safety is the keystone of competitiveness, sustainability and social welfare.
- ❖ Openness, transparency and objectivity.
- ❖ Cooperation based on trust and fair partnership, respecting partners' interests and diversity.



Meeting in Brussels on July 3, 2013



- ❖ Why is it important to maintain SAF€RA role and activities after the end of the support by the EC?
- ❖ What are the existing structures developed after the ERANETs? Example of PEROSH, EARTO, others...
- ❖ What are the functions that need to be maintained to launch joint calls with the current SAF€RA partners?
- ❖ What might be the resources needed?



Why is it important to maintain SAF€RA role and activities after the end of the support by the EC?



❖ KEY REASONS:

- Most of the research investment is done at national level
- Stability in safety research funding
- Better return of investment for safety research (coordination of institutional activities for programming, research and dissemination)
- Address topics of interest for both public authorities and industry
- Contribution to harmonisation of good practices in EU based on the results of the SAF€RA funded research



Structure for the future SAF€RA



❖ KEY ACTIVITIES:

- Coordination (operating level) of the **joint programming** and the **joint funding**
- Definition of the content of the joint calls (Scientific Committee)
- Preparation of the joint calls with specific committees for each call (dependent of the content) with ad-hoc advisory board
- Support the communication (meetings, webinar, website)

❖ SPECIFIC FEATURES:

- Keep the core group with institutions (coordination of the institutional funding) and the Ministries & Funding agencies/bodies
- Be inspired by PEROSH with a light structure but not limit the activity to the coordination of institutional funding
- Use the ETPIS structure, network and community
- Invite bodies such as JRC, OECD, UNEP, UNECE, ILO...
- Link with events organised by SRAEurope, ESREL, iTeg-Risk



Structure for the future SAF€RA - tentative



General Assembly with all Members

Institutions / Ministries / Industry / Key Associations

•Decision & supervision

Programming Committee

- Definition of the calls
- Implementation of calls
- Ad-hoc committees programming and for evaluation
- Monitoring of the performance

Funding Committee

- Definition of the rules for funding
- Fund rising
- Monitoring of the expenses

•Operational support:

- Meetings
- Teleconferencing
- Secretariat

•Communication support:

- Website
- Collaborative tools
- Dissemination activities

www.safera.industrialsafety-tp.org



What might be the resources needed?



- ❖ Motivation and commitment
 - ❖ Personnel resources (Person Month effort)
 - ❖ IT infrastructure and maintenance
 - ❖ Basic structure costs (Rooms, Teleconferencing, Secretariat)
- ⇒ **Preparation of a business plan / budget needed**
- ⇒ **Proposal: 2% of the budget of the calls is dedicated to the operational costs, secretariat, support of the SAF€RA**



Next steps



- ❖ Develop a concrete proposal for the organisation of the future SAF€RA (after the end of the EC funding)
 - SAF€RA becoming the research programming body for ETPIS and supervising the implementation
 - Definition of the priorities for research, development and innovation
 - Clear and transparent mechanism for ranking and orientations, based on the convergence of a top-down and bottom-up approach
 - SAF€RA funding part of the research
 - Specific criteria: e.g. support to implementation of regulations or preparation of new regulations with harmonised approaches
- ❖ Next in-person meetings:
 - Bilbao in October 2014: to review a concrete proposal
 - Paris in Feb. 2015: CEOs & directors, to sign the SAF€RA statutes



Acknowledgement



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For more information:

<http://safera.industrialsafety-tp.org>



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