
SAF€RA

Coordination of European Research on Industrial Safety towards Smart and Sustainable Growth

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ETPIS - European Technology Platform on Industrial Safety

A cross-cutting ETP initiative

- Activities at policy and practical level
- Prevention of major accidents with off-site and on-site consequences and protection of the environment and the society

Joint research funding in continuation of the EU-funded ERA-NET SAF€RA

- EU-funded co-ordination 2012-2015
- Joint programming and dissemination of results
- A partnership funding research

European Technology Platforms

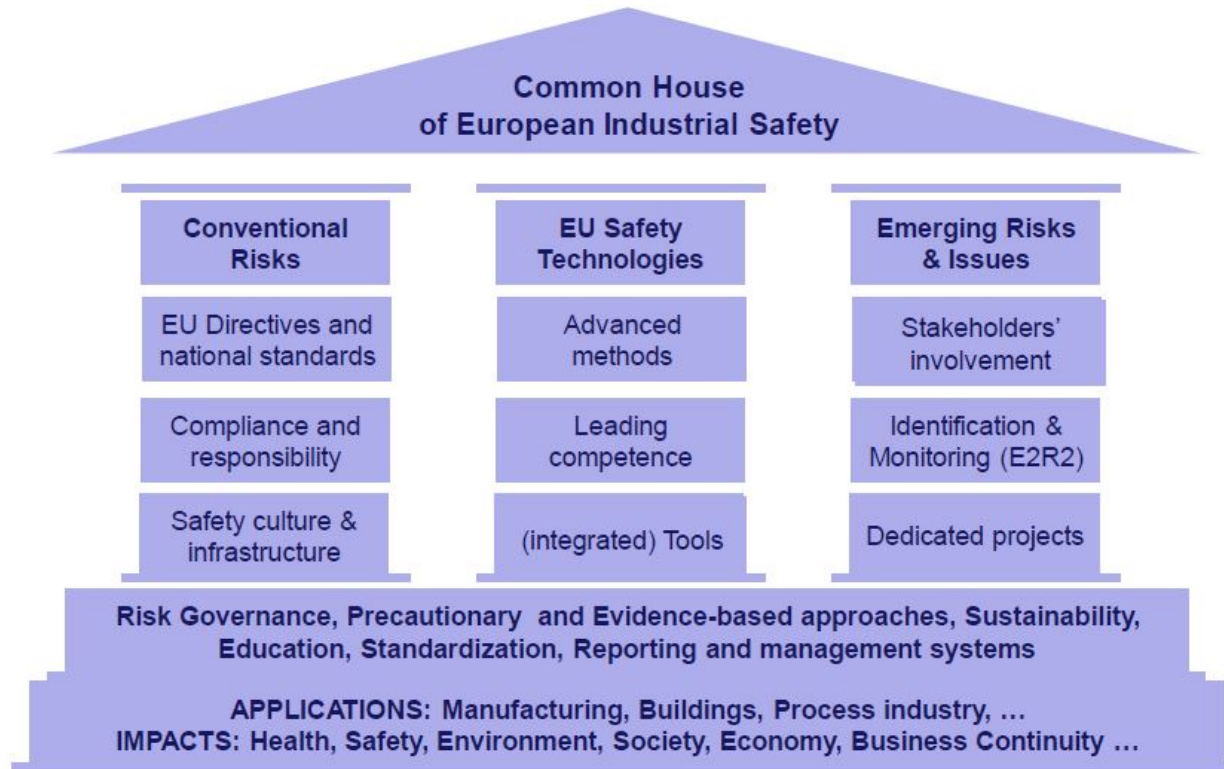


Bio-based economy	Energy	Environment	ICT	Production and processes	Transport
<u>EATIP</u>	<u>Biofuels</u>	<u>WssTP</u>	<u>ARTEMIS</u>	<u>ECTP</u>	<u>ACARE</u>
<u>ETPGAH</u>	<u>EU PV TP</u>		<u>ENIAC</u>	<u>ESTEP</u>	<u>ALICE</u>
<u>FABRE TP</u>	<u>TP OCEAN</u>		<u>EPoSS</u>	<u>EuMaT</u>	<u>ERRAC</u>
<u>Food for Life</u>	<u>RHC</u>		<u>ETP4HPC</u>	<u>FTC</u>	<u>ERTRAC</u>
<u>Forest-based</u>	<u>SmartGrids</u>		<u>euRobotics</u> <u>[AISBL]</u>	<u>Manufuture</u>	<u>Waterborne</u>
<u>Plants</u>	<u>SNETP</u>		<u>NEM</u>	<u>Nanomedicine</u>	
<u>TP Organics</u>	<u>TPWind</u>		<u>NESSI</u>	<u>SMR</u>	
	<u>ZEP</u>		<u>Networld 2020</u>	<u>SusChem</u>	
			<u>Photonics 21</u>		
			<u>Nanofutures</u>		
			<u>Industrial Safety</u>		
			<u>PROSUMER.net</u>		

Cross-cutting ETP Initiatives

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- A **Cross-cutting ETP Initiative**
 - Working on the "Common House" of the European industrial safety
 - Conventional risks
 - Emerging risks
 - Safety technologies, products and services
 - Enhance **integration of safety and security**
 - **Provide infrastructure** (ETPIS & EU-VRI) to interact with European Commission and stakeholders, to coordinate projects and disseminate results
 - **Share interests with national and other initiatives** dealing with the main issues of safety and security
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The "Common House" of the European Industrial Safety



Meetings with the European Commission, in particular

- DG Research & Innovation
- DG Migration and Home Affairs

Consultation of industrial and administrative stakeholder groups, eg.

- EARTO, EOS, TIEMS and the Spanish Platform Industrial Safety PESI
- IMG-S
- CEN/CENELEC
- Public authorities

Contribution to research programming

Contact: Dr. Olivier Salvi, ETPIS General Secretary, salvi@eu-vri.eu

Initial issues of SAF€RA

- Industrial safety is key factor in pursuit of European competitiveness, sustainability and social welfare.
- Problems related to industrial safety are complex and common to all.
- Research is not well-aligned and resources are limited.



**Need to collaborate
and focus resources
of national &
regional research
on industrial safety**

SAF€RA

- 24 partners from
12 European countries

Scope

- Addressing industrial safety, in order to improve the level of safety
- in European industry and achieve
- sustainable growth and enhanced competitiveness in the world



SAF€RA aims

- Coordination of national and regional research programmes on industrial safety in Europe through
- Networking
- Joint activities
- Dissemination

Priority themes for joint activities

- The value of industrial safety
- Good practices in managing new and emerging risks
- Safe transport system for dangerous goods
- New technologies in improving safety
- Human and organizational factors

For details see [SAF€RA MoU](#)

1st JC *Human and organizational factors including the value of industrial safety*

- Value of safety and safety values
- Resilience: improving management of safety

53 eligible applications, applicants from 20 countries

12 projects funded, in addition "SAF€RA associated projects"

Projects started in spring 2014

Projects presented at SAF€RA website

2nd JC *Innovating in safety and safe innovations*

- Managing emerging risks
- New technologies for safety

2-stage application process

9 of 19 proposals of the second phase of the call have been recommended for funding

Projects started in spring 2015

3rd JC *Improve safety and the management of technological risks*

- Big data and intelligent prognostics for life extension of aging facilities
- Developing professional competencies and learning from experience

2-stage application process

12 full proposals received and evaluated

Approval process/contracting ongoing



Data base: funded projects

<https://projects.safera.eu/projects/>

Value of Safety – VaLoSa

 bottlenecks values CSR



2014-06 to 2015-12

Building a European platform for evaluation of consequence models dedicated to emerging risks – SAPHEDRA

 test protocol land use planning uncertainty

hazards consequence modelling regulators

emergency plans



2014-04 to 2016-10

Exemples of data base entries

1st Symposium
Future Safety and Security
Research in EU
Prague, March 2013

2nd Symposium
Industrial Safety - Challenges,
value and needs
Berlin, March 2014

3rd Symposium
Future Research Programming on
Industrial Safety
Paris, February 2015

4th Symposium
Emergence of a New Collaborative
Work Programme on Industrial
Safety
Athens, April 2016

5th SAF€RA Symposium planned for April 2017, possibly in Bilbao

Join SAF€RA as funding partner. Two forms of funding are foreseen:

- **Research grants** for researchers from universities, institutes, research organizations and public firms;
- **Person-months for personnel** for institutes and research organizations (institutional funding)

Contribute to the annual SAF€RA Symposium

- Dissemination of **research results**
- Identification of **research needs** for future joint calls

Get involved by

- Participating as industrial / academic partner (at own costs)
- Opting as evaluator of proposals in the application procedure

Project database: <http://projects.safera.eu/>

Contact



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