



# SAF€RA

## **Coordination of research investment from 11 Member States in industrial safety**

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Coordinator of SAF€RA

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## SAF€RA - Coordination of European Research on Industrial Safety towards Smart and Sustainable Growth

- Aims at coordinating the research among the EU member states and associated countries in the field of industrial safety

Duration	3 years / 1 April 2012 – 31 March 2015
EU Funding	1,5 M€
Partners	19 partners from 10 European countries
Coordinator	Finnish Institute of Occupational Health

# SAF€RA Consortium



Finnish Institute of Occupational Health	FIOH	Finland
Ministry of Social Affairs and Health	MSAH	Finland
Finnish Safety and Chemicals Agency	Tukes	Finland
Czech Technology Platform on Industrial Safety	CZ-TPIS	Czech Republic
Institut National de l'Environnement Industriel et des Risques	INERIS	France
Ministère de l'écologie, du développement durable, des transports et du logement	MEDDTL	France
Fondation pour une Culture de Sécurité Industrielle	FonCSI	France
Bundesanstalt für Materialforschung und -prüfung	BAM	Germany
Federal Ministry of Economics and Technology	BMWi	Germany
National Center for Scientific Research	DEMOKRITOS	Greece
Italian Workers' Compensation Authority	INAIL	Italy
TNO	TNO	Netherlands
Ministry of Infrastructure and the Environment	IenM	Netherlands
Ministry of Social Affairs and Employment	MINSZW	Netherlands
Rijksinstituut voor Volksgezondheid en Milieu – National Institute for Public Health and the Environment	RIVM	Netherlands
Central Institute for Labour Protection - National Research Institute	CIOP-PIB	Poland
Ministry of Education and Science	MPN	Republic of Serbia
Instituto Vasco de Seguridad y Salud Laborales	OSALAN	Spain
Agency for Innovation and Development of Andalusia	IDEA	Spain
The Research Council of Norway (affiliated partner from 05/2013)	RCN	Norway



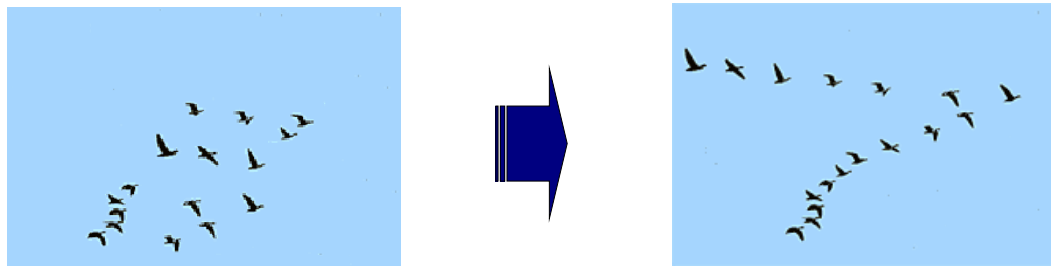
# About SAF€RA and ERA-NET



- ❖ SAF€RA is an ERA-NET on industrial safety
- ❖ Funded by the European Commission under the ERA-NET scheme
- ❖ ERA-NET scheme is
  - the principal means launched under the EU Framework Programme 6 to support the cooperation and coordination of national and regional research programmes in the EU member states and associated countries
  - an important element in the drive towards the creation of the European Research Area (ERA)



... to step up the cooperation and coordination of national or regional research activities through **networking of programmes** including their **mutual opening** and the development and implementation of joint activities



71 % gain of efficiency

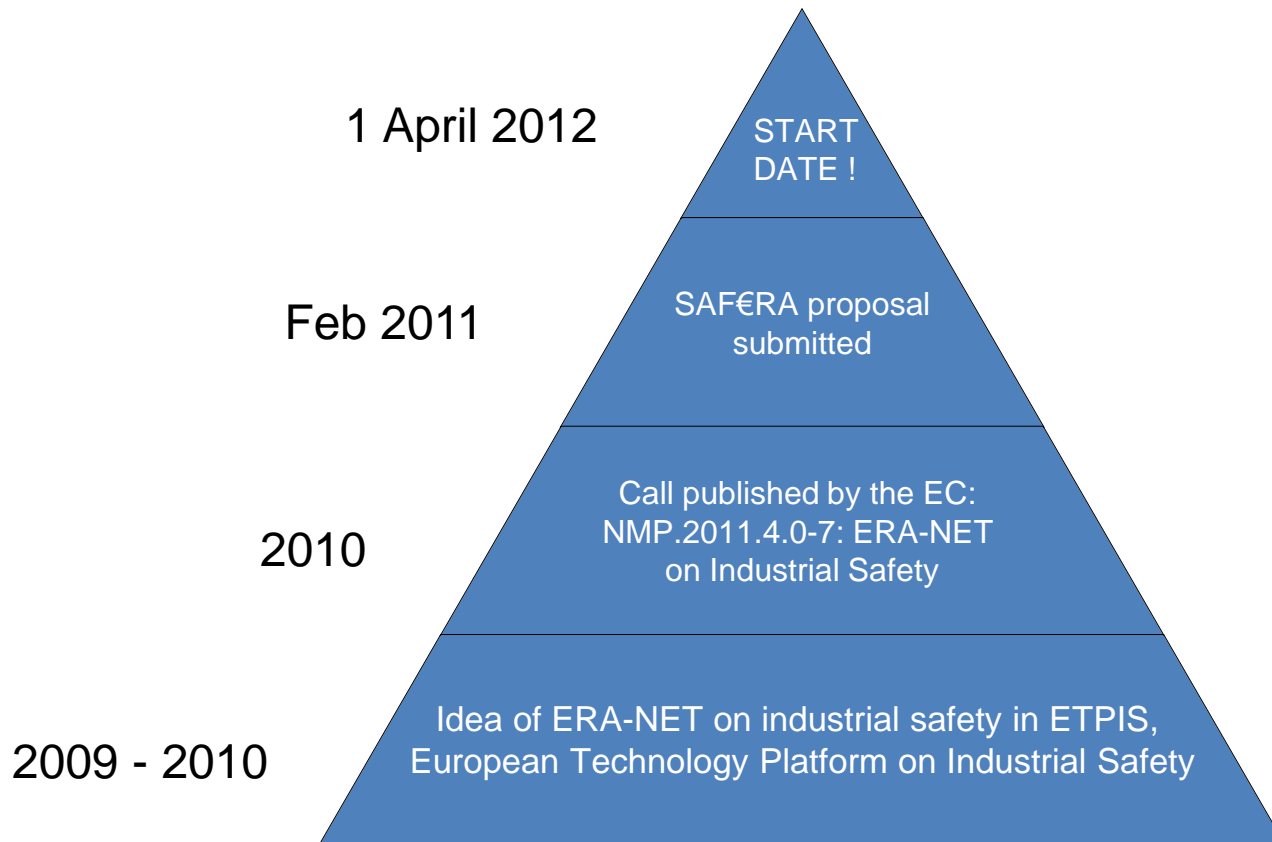
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# SAF€RA history



SAF€RA builds on experience gained in NEW OSH ERA, an ERA-NET project focusing in coordination of research on new and emerging risks at work - as well as other ERA-NETs



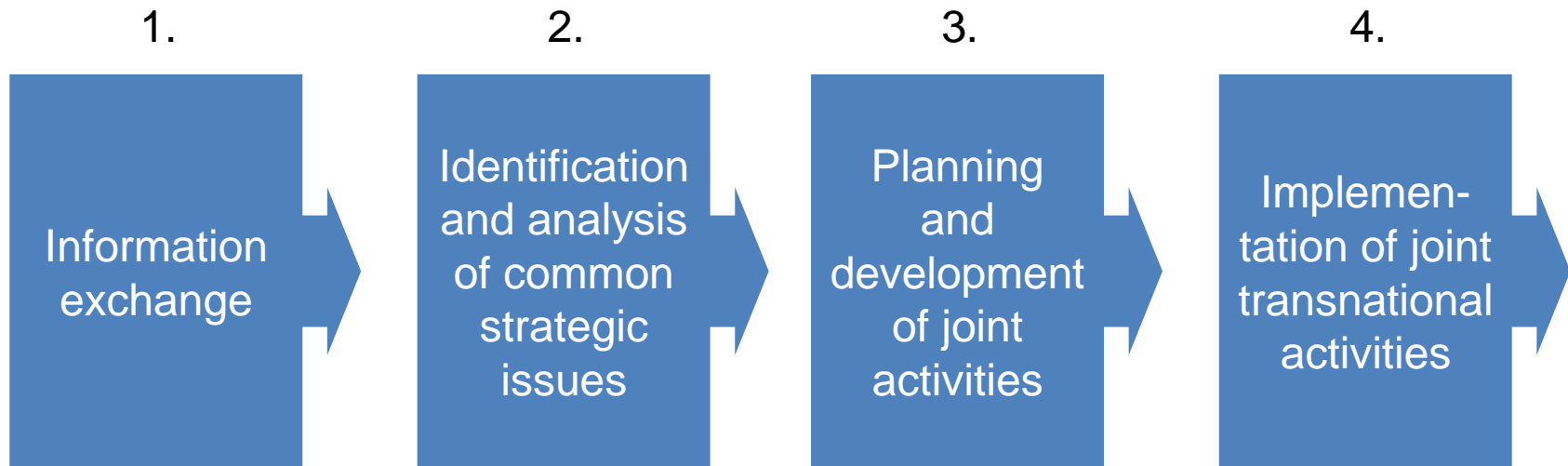
- ❖ **Coordination of research on industrial safety**
  - Collaboration between national programmes
  - Establishing joint transnational research programmes
  
- ❖ **Promotion of industrial safety**
  - Promotion of R&D
  - Dissemination of results of research
  - Promotion of harmonization of safety standards
  
- ❖ **Establishment of durable European network for cooperation between key actors in the field of industrial safety**



# Implementation of the project



The project is carried out in four phases



## Phase 1

### Information exchange

- Information on activities and outcomes of SAF€RA will be disseminated at national, EU and international level
- ETPIS (European Technology Platform on Industrial Safety) is involved as a channel to communicate to the industrial safety stakeholders in Europe and to perform some dissemination activities

## Phase 2

### Identification and analysis of common strategic issues

- Developing strategies for future co-operation, taking account of complementarities between national programmes, gaps in existing research, national research priorities and areas of joint interest

## Phase 3

### **Planning and development of joint activities**

- Developing common review approaches and elaborating the legal, contractual and financial framework of the transnational activities

## Phase 4

### **Implementation of joint transnational activities**

- Establishment and implementation of joint activities: transnational funding, joint calls and use of joint transnational evaluation and information dissemination approaches

# Memorandum of Common Understanding: SAF€RA 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.



# Memorandum of Common Understanding: SAF€RA 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.



# MCU: 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
- 
- ❖ The list may be altered as new important topics arise in industry and society
  - ❖ Final topics for the joint calls for proposals will be decided by the SAF€RA partners funding the individual call



- ❖ Human and organizational factors including the value of industrial safety, which includes but is not limited to:
  - Assessing the value of the safety culture concept and developing a common understanding across industries, countries and regulators.
  - How people and organizations cope with error and manage uncertainty.
  - Impact of soft law and Corporate Social Responsibility (CSR) initiatives on safety.
  - Resilience engineering and safety management, including accident analysis and organizational learning).
  - Public participation in decisions concerning safety and the environment, including risk communication.
  - Tools for assessing effectiveness and efficiency of different legislation and regulation regimes (contributing to smart regulations).
  - Demonstration of economic benefits (safety spending is known but benefits cannot easily be quantified).
  - Value for citizens: how they perceive safety of products, processes, plants.
  - Value for competitiveness of organizations.
  - Value for society: impact on regulation, insurance.

- ❖ SAF€RA is a strong vehicle to develop joint research activities among the Member States and promote safety in the EU 2020 strategy and in Horizon 2020
- ❖ Already, positive effects of SAF€RA are visible in terms of reinforced cooperation and dialog about the priorities for safety research
- ❖ The preparation of the 1<sup>st</sup> joint call is still a challenge!



# Further information



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