

# NERIS – European Platform on Preparedness for Nuclear and Radiological Emergency Response and Recovery

## Education and training aspects

Raimo Mustonen, Chair of NERIS  
raimo.mustonen@stuk.fi

DoReMi/MELODI Forum, 11 September 2012, Helsinki

- **Mission orientation:**

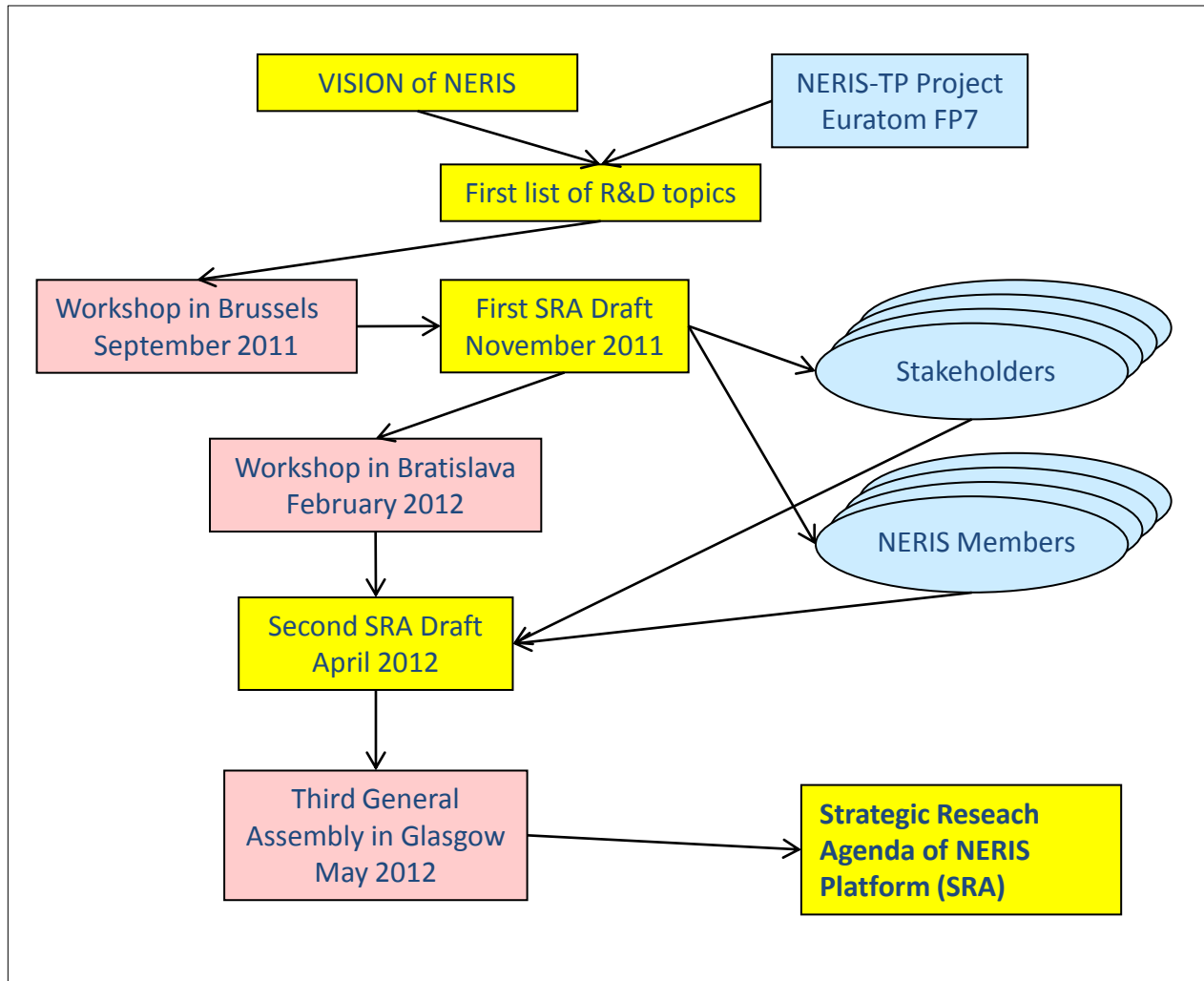
“European *need, challenge or problem, rather than simply seek to implement a technology.* That is to say, the focus must be on the overall innovation challenge, including its social- economic- legislative- political- implementational aspects, rather than only the technological issues” (EURAB 04.010, European Research Advice Board, 2004).

- **Ownership:**

The European Commission does not own or manage European Technology Platforms, which are independent organisations. The European Commission did, however, support their creation and remains engaged with them in structural dialogue on research issues (<http://cordis.europa.eu/technology-platforms/>).

- Confidence building
- Encouragement of different stakeholders to co-operate
- Facilitate access to expertise and technology and **develop and maintain competence** for the benefit of European countries and citizens

- by 2015, the self-sustaining association for development of the joint European approach in responding to and recovering from nuclear and radiological emergencies exists, and
- by 2020, all European organisations being members of NERIS are sharing common views and common approaches and developing and using compatible technology and methods for consequence management of the emergencies



## Strategic Research Agenda of NERIS

- **Atmospheric & aquatic modelling – Needs for improvement**
  - Key Topic 1: Atmospheric dispersion modelling
  - Key Topic 2: Aquatic dispersion modelling
- **Better dose assessments and decision support based on improved knowledge: source term, scenarios, etc.**
  - Key Topic 3: Improvement of existing Decision Support Systems
  - Key Topic 4: Data mining, information gathering and exchange including providing information to stakeholders and mass media
  - Key Topic 5: Usage of the existing tools in the best possible way
- **Stakeholder involvement and local preparedness and communication strategies.**
  - Key Topic 6. Stakeholder engagement and dialogue
  - Key Topic 7: Social media/networking technology



The NERIS Platform also supports the organisation of training courses

## Training course on preparedness and response for nuclear and radiological emergencies

SCK·CEN, Club-House, Mol, Belgium

October 1 – 5, 2012

What is the state-of-the-art in nuclear and radiological emergency management?

What are the lessons learned from the Fukushima accident?

Be prepared for nuclear and radiological emergencies!

## Training course on “Preparedness and Response for Nuclear or Radiological Emergencies”:

- Organised by SCK·CEN.
- Next edition: 1-5 October, 2012 in Mol, Belgium.
- Main objective: provide fundamental knowledge and practical advice to all those involved in emergency planning and response.
- Includes: principles of intervention; radiological evaluations; decision-support tools; different aspects of planning and organisation in off-site emergency response; economic, social and psychological impacts, etc.
- Special session on Fukushima accident



## Training course on “**Preparedness for Nuclear and Radiological Post-Accident Rehabilitation**” :

- Organised by CEPN.
- Next edition: To be announced
- Main objective: provide fundamental knowledge and practical advice to all those involved in long-term planning and management in contaminated territories.



Welcome to the NERIS website...



...the portal of the European Platform on Preparedness for Nuclear and Radiological Emergency Response and Recovery

[www.eu-neris.net](http://www.eu-neris.net)

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▸ NERIS Chronology

### NERIS Strategic Research Agenda

Last Updated on Monday, 02 July 2012 13:55

The first version of the NERIS Strategic Research Agenda is now available: [NERIS Strategic Research Agenda](#)

Please send your comments & remarks to the NERIS Secretariat at [sec@eu-neris.net](mailto:sec@eu-neris.net)

### 3rd NERIS General Assembly, Glasgow, May 2012

Last Updated on Thursday, 24 May 2012 16:39

The third General Assembly of the NERIS Platform was held on the **15th of May 2012** (12.30 - 2.00 pm) in **Glasgow** at the occasion of the 13th International Congress of the International Radiation Protection Association (IRPA).

The agenda of the meeting: [Agenda\\_3rdGeneralAssembly](#)

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Training course on Preparedness and response for Nuclear and Radiological Emergencies: in Mol, Belgium between the 1<sup>st</sup> and 5<sup>th</sup> of October 2012

First meeting of the NERIS Working Group on the Contaminated Goods issues: on the 25<sup>th</sup> and 26<sup>th</sup> of October 2012 in Paris, France

Meeting of the NERIS Local Preparedness Working Group: on the 26<sup>th</sup> and 27<sup>th</sup> of November 2012 in Oslo, Norway



EUROPEAN PLATFORM  
ON PREPAREDNESS  
FOR NUCLEAR AND RADIOLOGICAL  
EMERGENCY RESPONSE AND RECOVERY

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NERIS  
newsletter

## EDITORIAL ■

*FAITH, HOPE AND CONSISTENCY*

*Today we live in the world where hundreds of nuclear facilities and thousands of other facilities using big radioactive sources are in operation. There are several types of events that could result in dispersion of radioactive substances into the environment. These include both intentional and unintentional events. Operators of these facilities have great faith that major accidents will not happen and the general public can only hope*

## Last Minute

The NERIS Association has been registered on the 28th of August 2012 as legal European Association under the French Law.

## FEEDBACK FROM RECENT NERIS EVENTS



### NERIS Third General Assembly

24 participants from 11 different countries participated to the third general assembly of the NERIS Platform that took place on the 15<sup>th</sup> of May 2012 in Glasgow at the occasion of the 13<sup>th</sup> IRPA Congress. At this occasion, the participants elected the new Management Board

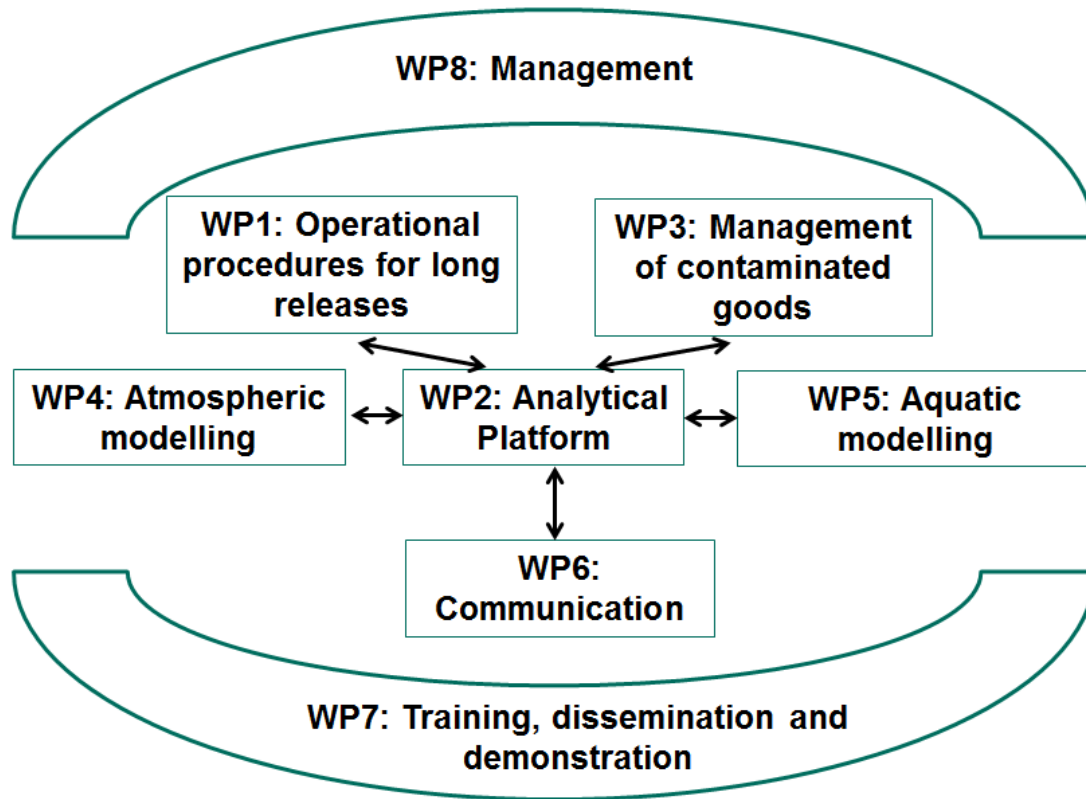
## To be defined in the Deployment Plan (DP)

- affecting on regulations and guidelines at the European level (EC, HERCA)
  - suggestions and initiatives to EC and HERCA
  - technical and scientific implementation of new regulations and guidelines
- affecting on the R&D programmes at the European level (Horizon 2020, regional programmes, etc) together with other actors
  - suggestions on content of Framework Programmes (Horizon 2020, Euratom FP, Nordic NKS, other regional programmes, etc)
  - making project proposals in annual calls together with other actors (Alliance, etc.)
- education and training (workshops, training courses)

## NERIS-TP in FP7 (2011):

- 3 years project launched in February 2012 in the context of the 7<sup>th</sup> Euratom Research Framework Programme.
- 19 partners involved from 13 countries.
- Coordinated by the Karlsruhe Institute of Technology (KIT).
- Objectives:
  - Solve urgent research needs such as the implementation of the new ICRP recommendations in the simulation models, the coupling of decision support systems such as ARGOS and RODOS to early notification systems and carry out research activities to improve emergency management on the local and the national level.
  - Support the operation of the NERIS Platform in order to make it sustainable in the long term.

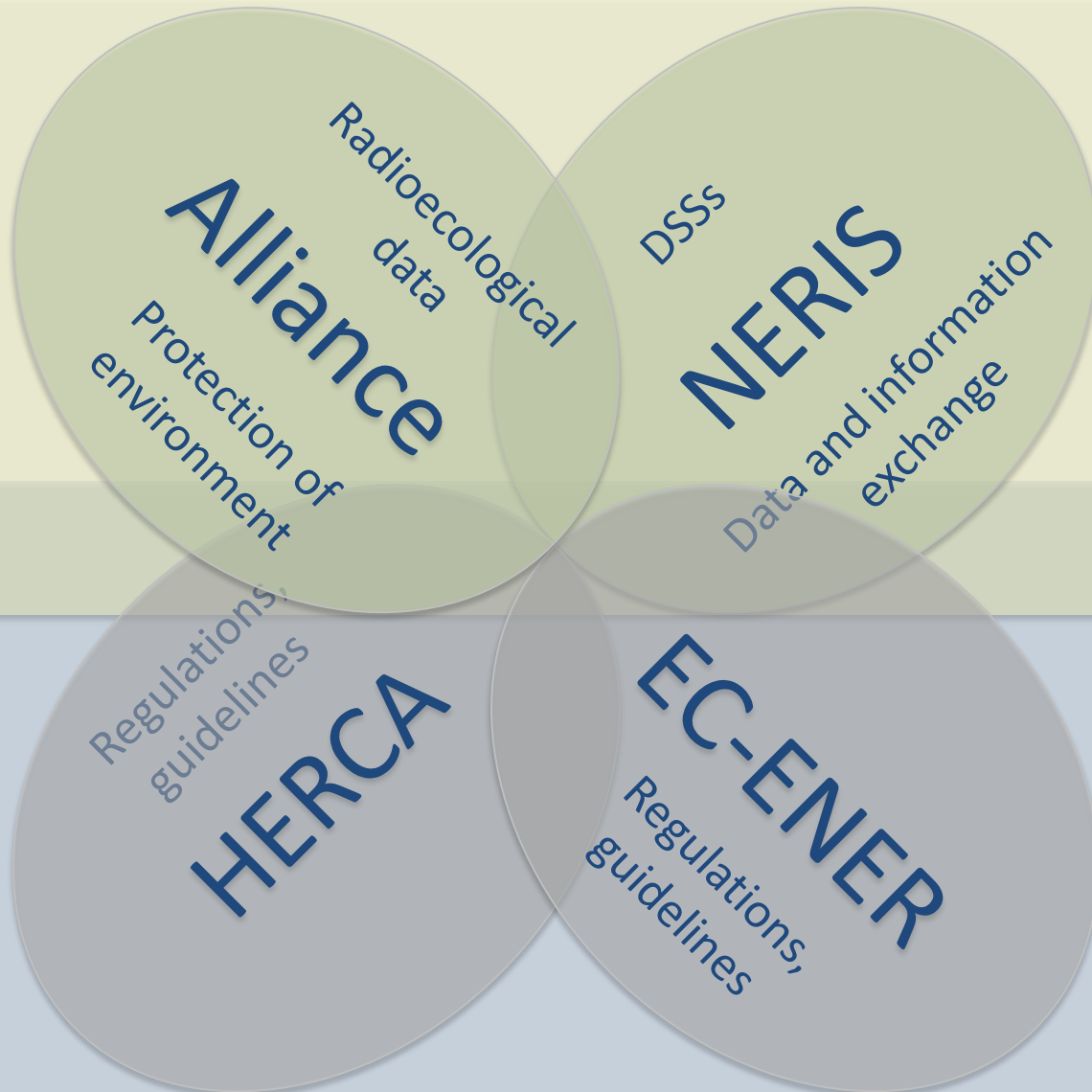
## PREPARE in FP7 (2012):



- Innovative integrated tools and Platforms for Radiological Emergency preparedness and Post-Accident Response in Europe
- 3 year project to be launched in 2013 in the context of the 7<sup>th</sup> Euratom Research Framework Programme
- 46 partners from 21 countries
- Coordinated by the Karlsruhe Institute of Technology (KIT)

## COMET (?) in FP7 (2013):

- Focus in radioecology
- From emergency management point of view, tailoring of environmental models into different European environments, and radioecology in maritime areas are important
- Content and consortium to be defined
- Deadline 13 November 2012



R&D

Governance

**Thank you !**

**Keep yourselves prepared**