

**Preparatory documents for the fourteenth Management Board Meeting
of the NERIS Platform**

Monday 24 November 2014 from 10.00 to 12.00

Conference Call

AGENDA

- 1. Minutes of the thirteenth Management Board meeting** – Review of the List of Actions (T. Schneider)
- 2. Review of the CONCERT EJP** (T. Schneider)
- 3. Feedback on the 14th MELODI Workshop and the OPERRA Project**
 - 3.1. 14th MELODI Workshop
 - 3.2. OPERRA Project
- 4. Preparation of the NERIS Workshop 2015**
 - 4.1. Preparation of the agenda
 - 4.2. Call for abstract
 - 4.3. Organisation
- 5. Review of the PREPARE Project** (W. Raskob)
- 6. Report on the Workshops on emergency and rehabilitation in the frame of OPERRA** (F. Hardeman, F. Gering)
- 7. Newsletter and NERIS Website** (S. Lafage)
- 8. Any other business**

1. List of actions – NERIS Management Board 13

Strategic Research Agenda

- ⇒ Summarize the results of the consultation the NERIS supporting organisations on SRA (**Secretariat - closed**)

Preparation of the Second OPERRA Call

- ⇒ Send the CVs of the proposed candidates for the enlarged MELODI Scientific Committee (**T. Schneider - closed**)
- ⇒ Comment the list of synergetic topics (**NERIS R&D committee - closed**)

Organisation of the European Joint Programming (EJP) for Radiation Protection R&D in Europe

- ⇒ Keep inform the NERIS supporting organisations of the results of the preparatory meetings (**W. Raskob, T. Schneider, D. Oughton (for the infrastructure WG) - closed**)

Participation to the OPERRA Workshop on emergency

- ⇒ Inform the Management Board on the agenda, date and location of the Workshop when available (**F. Gering - closed**)

Cooperation with European and international organizations

- ⇒ Contact HERCA for discussing the possible cooperation – Invitation to the Fifth NERIS General Assembly (**C. Murith, F. Gering , Management Board - closed**)
- ⇒ Prepare some proposals for the ICRP Committee 4 before end of June (**E. Gallego, Management Board - closed**)

Fifth General Assembly in Geneva

- ⇒ Prepare the presentations for the Assembly (**Secretariat - closed**)
- ⇒ Send proposals to the NERIS supporting organisations for the evolutions of the fees and modifications of the statutes (**T. Schneider - closed**)

8th Newsletter

- ⇒ Prepare a proposal of articles to be sent to the Management Board (**Secretariat - closed**)

Organisation of the NERIS Workshop

- ⇒ Contact M.C. Cantone for preparing of the proposal for the NERIS workshop to be held in Milan in 2015 (**T. Schneider - closed**)

NERIS Website

- ⇒ Introduce a map showing members and supporting organizations (**Secretariat – on going**)

2. Review of the CONCERT EJP

The CONCERT proposal has been submitted on September 17, 2014. The response from the EC is expected beginning of December 2014, for a beginning of the project, if successful, in March 2015 and a first open call for proposals on the different domains of radiation protection in December 2015.

It is expected to receive support for NERIS in order to develop/update the SRA and discuss the synergy and preparation of the call with the other platforms. NERIS will also be invited to the Management Board but with no power related to financial decision for supporting research. The proposed financial contribution from EC to NERIS is 39 k€. In addition, some partners already have direct funding for their contribution.

3. Feedback on the 14th MELODI Workshop and the OPERRA Project

3.1. 14th MELODI Workshop, October 7-9, 2014, Barcelona

One session of the MELODI workshop was dedicated to the comment on the MELODI SRA. At the end of the session, it was decided to collect all the presentation and to prepare a joint paper between the 4 platforms to be submitted in a journal to describe the specificities of the platforms SRAs and their synergies. Notably, transversal issues were discussed in terms of addressing the effect of chronic exposures, taking into account the multi-stressors, considering approaches on stakeholder involvement, communication, social science issues, and ethical issues.

The possibility to organise a “European radiation protection research week” involving the 4 European Platforms was explored after the Workshop and it was proposed the period: September 19-23, 2016 in Oxford.

We can organise the NERIS General Assembly at this occasion

To discuss with Simon, confirm the reservation and pay some reservation fees but after how to proceed. Fees for participants for our NERIS Workshop but with this proposal how to proceed.

To be clarified

3.2. OPERRA Project

The second OPERRA call will be **issued on December 15, 2014** with a deadline for the **responses on March 12, 2015**.

It is proposed by the OPERRA management board to focus the call on the 4 following topics (corresponding to the priorities of synergetic topics between the Platforms as identified in the OPERRA e-survey):

- *Biological indicators of radiation exposure, effects, health risk and disease susceptibility to inform emergency management and epidemiological studies.*
- *Development of monitoring strategies, processes and tools.*
- *Spatial and temporal environmental modelling and human dose assessment after a nuclear accident.*
- *Development of health surveillance procedures.*

This list of topics is preliminary. It has been discussed by the extended MELODI scientific committee (held on October 6 including members nominated by NERIS) and will have to be endorsed by the panel of “anonymous” independent experts in charge of drafting the call for a publication mid-December 2014.

A total budget of **2.5 M€ is available for EC funding** with a proposal to a **maximum of 800 k€ per project** and if possible one project funded per topic. It would be required to have consortium with a minimum of 4 partners including at the minimum one partner not already partner of the OPERRA project.

The total duration of the project will be 18 months (the contract being expected to start on December 2015).

An information meeting on the second OPERRA call will be organised on **January 13, 2015 (afternoon) in Munich (BfS office)**. The objective of this meeting will be to present the call and the OPERRA project and to give the opportunity to the different organisations to discuss and exchange between them for preparing proposals. It is necessary to keep in mind that the project will require multidisciplinary teams to cover the topics of the different platforms. *Thierry will attend the meeting and will inform the Management Board. Possibility to comments from MB before the meeting.*

Ambiguities of the list of topics. 4 topics and 3 of them are connected with NERIS activities. Enlarge scientific committee have identified some other topics. 3 participants nominated by NERIS. Normally the document proposed by the MB should be took in charge.

Wait for the topics but also think to prepare a common response with other Platforms.

4. Preparation of the NERIS Workshop 2015 in Milano

4.1. Preparation of the Agenda

The meeting of the NERIS R&D committee is scheduled for January 9. This meeting will be dedicated to the preparation of the NERIS workshop.

4.2. Call for abstract

The new submission deadline was announced: December 15, 2014.

To date, 13 abstracts have been received (see table in annex).

Contribution from JR Jourdain (OPERRA project)

4.3. Organisation

Specific sessions ?

Invited lectures ?

Posters session ?NERIS

R&D Committee to discuss the program on December 16, 2014 in order to give notification of acceptance at the end of January.

CEPN and IRSN are working to produce some abstract.

The key point for the Workshop: discuss the SRA and engage dialogue with organisation on the need for research (cf Editorial Newsletter).

Rq Eduardo : Risk if we only focus on the SRA

Proposal of Engagement of local communities interesting to have

Interesting to have topics on work developed in the frame of the PREPARE project

Florian : contribution of BfS

Thierry : No restrictions but people who respond up to now focus only on research.

We can send a message or each MB members can contact some potential lecturers to propose them to prepare an abstract.

Contribution of HERCA ?

Rephrase the announcement of the Workshop in this way.

All suggestions and abstracts are welcomed (Frank)

5. Review of the PREPARE Project

Exchange on the work under development (all).

Wolfgang unfortunately could not attend the MB meeting. Thierry exchanged with Wolfgang last week. No Cost statements

Florian gives some elements on Work Package 1.

Thierry gives some elements on Work Package 3. In Athens in May, the Second Task Force Meeting, some results have been discussed on each 10 panels. Question to organise a Workshop partly link with PREPARE and WG3 of NERIS in Autumn 2015 in Paris. To allow the sharing of 10 panels results with Japanese colleagues and international organisations (WHO, ICRP...).

Concerning Work Package 4: Meeting in Athens in October-> deliverable discussed.

Concerning Work Package 5: relation of tools JRODOS, MOIRA... Test with scenario of Fukushima. The final results will be very interesting. Some results presented in the NERIS Workshop in Milano ? Short presentation possible. Meeting in Bratislava

Work Package 6: Workshop on November 10-11, 2014 in Tromsø. Social media will be further developed in a next Workshop. Participation of Japanese colleagues and Norwegian very interesting.

Work Package 7:

Catrinel gives some elements on the Training Course in Mol

Tatiana in charge of dissemination of knowledge. Kick off meeting last year: Portugal, Norway, Netherlands...

Contact of Johan... to have suggestions and comments but to date no return. I was proposed to send

Dissemination Workshop of PREPARE but objectives is to invite other organisations or only partners. Objectives is to present the results of each Work Package.

Thierry suggests that it is important to deliver a clear message with objectives of each Workshop because it will be organised several Workshop on Radiation Protection shortly before the week dedicated in Oxford in September 2016.

6. Report on the Workshops on emergency and rehabilitation in the frame of OPERRA

- Workshop on emergency (Oct. – Paris)

The first Workshop will be organised in the framework of the OPERRA project. The aim was to identify lessons learned from Chernobyl and Fukushima in the field of emergency response, including research needs to improve preparedness for future accidents. 23 participants from 16 countries. Cooperation with other Platforms

- Workshop on rehabilitation (Nov. – Vienna)

Florian and Wolfgang attended this Workshop also organised in the frame of OPERRA Project. Exposure

Florian will send some elements on the meeting on AIEA.

7. Newsletter and NERIS Website

The 8th Issue of the NERIS Newsletter is available on the NERIS Website.
Proposals for the next issue ?

The Training Course and the final dissemination Workshop. Sandra will send a proposal to collect the suggestions in order to see when publish the next Newsletter. Before the NERIS Workshop

8. Any other business

- NERIS General Assembly, April 29, 2015, Milano

Send a proposal for the agenda and to have a next MB meeting in February to discuss the content of the General Assembly

- Workshop 2016 in Oxford: agreement from NERIS for a “Radiation Protection Research week” from 19 to 23 September 2016

Publication has been delay but are in preparation to the end of December. Information on the NERIS Website before the NERIS Workshop

- Workshop PREPARE WP3 in Autumn 2015
- Publication NERIS Workshop in Oslo in January 2014 (under preparation – papers expected for end of December 2014)

Proposal to organise the next Management Board Meeting at the occasion of the Workshop in Munich. (deuxième semaine de janvier) reboucler avec F Gering les dates possibles.

9. List of actions – NERIS Management Board 14

CONCERT EJP

- ⇒ Organise a Management Board meeting to discuss involvement of the NERIS Platform in the CONCERT EJP
- ⇒ Clarify funding from countries for non-CONCERT partners

OPERRA Project

- ⇒ Inform the Management Board on the meeting organised by AIEA (**F. Gering**)

Participation to the OPERRA Workshop on emergency

- ⇒ Inform the Management Board on the expert meeting organised by AIEA in February 2015 (**F. Gering**)
- ⇒ Send the Minutes of the Workshops on emergency

Sixth General Assembly in Milano

- ⇒ Prepare a proposal of Agenda (**Secretariat**)

R&D Committee

- ⇒ Contact J. Camps or S. Lafage if you are interested to participate to the R&D Committee meeting organised on January 9, 2015 (**Management Board**)

Dissemination Workshop in Bratislava

- ⇒ Provide information on the Dissemination Workshop organised in Bratislava in January 2016 (**T. Duranova**)

Organisation of the NERIS Workshop in Milano

- ⇒ Contact potential lecturers to propose them to prepare an abstract (**Management Board**)
- ⇒ Invite members of HERCA to the NERIS Workshop (**F. Gering**)
- ⇒ Send a new call for abstract to mention that subjects related on “implementing of BSS” are welcomed (**Secretariat**)

9th Newsletter

- ⇒ Prepare a proposal of articles to be sent to the Management Board (**Secretariat**)

NERIS Website

- ⇒ Introduce a map showing members and supporting organizations (**Secretariat**)

Participants:

Florian Gering
Tatiana Duranova
Joel Bardelay

Eduardo Gallego
Deborah Oughton
Thierry Schneider
Frank Hardeman
Catrinel Turcano

ANNEX 1

NERIS Workshop 2015 - Call for abstract

Authors	Organisation	Topics	Presentation	Title	Corresponding author	Email
Kasper G. Andersson	DTU - Technical University of Denmark (Denmark)	* IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Oral P	The importance of operational optimisation in recovery of contaminated terrestrial areas	Kasper G. Andersson	kgan@dtu.dk
Slawomir Potemski Stefano Galmarini	NCBJ - National Centre for Nuclear Research (Poland)	* ATMOSPHERIC DISPERSION MODELLING * IMPROVEMENT OF EXISTING DECISION SUPPORT SYSTEMS	Oral P	The needs for improvement of atmospheric dispersion capabilities for decision support systems	Slawomir Potemski	slawomir.potemski@ncbj.gov.pl
Hannah Gaskell Peter Bedwell Stephanie Haywood	PHE - Public Health England (UK)	* ATMOSPHERIC DISPERSION MODELLING * IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Oral P	Is the consideration of different types of atmospheric dispersion model likely to impact on the extent of the estimated countermeasures that may be used as an input for site emergency plans?	Peter Bedwell	Peter.Bedwell@phe.gov.uk
Raimo Mustonen Aleksi Mattila	STUK - Radiation and Nuclear Safety Authority (Finland)	* ATMOSPHERIC DISPERSION MODELLING * DATA MINING, INFORMATION GATHERING AND PROVIDING INFORMATION TO STAKEHOLDERS AND MASS MEDIA * IMPROVEMENT OF EXISTING DECISION SUPPORT SYSTEMS	Oral P	Atmospheric dispersion modeling to locate the source of airborne radioactivity – do we use all the know-how we have?	Raimo Mustonen	Raimo.Mustonen@stuk.fi
Landman ¹ C. Raskob ¹ W. Trybushnyi ¹ D. Levdin ² I.	1 KIT- Karlsruhe Institute of Technology (Germany) 2 UCEWP- Ukrainian Center for Environmental and Water Projects (Ukraine)	* IMPROVEMENT OF EXISTING DECISION SUPPORT SYSTEMS * IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Oral P	Improving the decision support system JRodas according to customer requirements	Claudia Landman	claudia.landman@kit.edu
Wolfgang Raskob	KIT- Karlsruhe Institute of Technology (Germany)	* IMPROVEMENT OF EXISTING DECISION SUPPORT SYSTEMS * IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Oral P	How to use decision support systems in a nuclear emergency?	Wolfgang Raskob	wolfgang.raskob@kit.edu
C. Trueba M. Montero B. García-Puerta	CIEMAT (Spain)	* IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Oral P	Soil vulnerability maps for predictive purposes in decision making processes for post-accident recovery in Spain	Cristina Trueba	cristina.trueba@ciemat.es
Veronica Smith Catherine Organo Ciara McMahon	Environmental Protection Agency (Ireland)	* STAKEHOLDER ENGAGEMENT AND DIALOGUE	Oral P	Stakeholder Engagement in Ireland on Radioactive Contamination of Food	Veronica Smith	V.Smith@epa.ie

Sprangers Matthias ^{1, 2} Camps Johan ² Olyslaegers Geert ² Schroeiers Wouter ¹	1-University of Hasselt (Belgium) 2-SCK-CEN - Belgian Nuclear Research Centre (Belgium)	* IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Poster	Development and evaluation of a plume survey method for first responders	Matthias Sprangers	matthias.sprangers@student.uhasselt.be
Johan Camps	SCK-CEN - Belgian Nuclear Research Centre (Belgium)	* IMPROVEMENT OF THE DECISION-MAKING PROCESSES	Oral P	Measurement uncertainties and their impact on decision support	Johan Camps	jcamps@SCKCEN.BE
Lieven Vervecken ^{1,2} Christophe Gueibe ¹ Johan Camps ¹ Johan Meyers ²	1- SCK-CEN, Society and Policy Support (Belgium) 2-KU Leuven, Department of Mechanical Engineering (Belgium)	* ATMOSPHERIC DISPERSION MODELLING	Oral P	Real-time simulation of the near-range atmospheric dispersion using Computational Fluid Dynamics	Lieven Vervecken	lverveck@SCKCEN.BE
Christophe Gueibe ¹ Lieven Vervecken ^{1,2} Johan Camps ¹	1- SCK-CEN, Society and Policy Support (Belgium) 2-KU Leuven, Department of Mechanical Engineering (Belgium)	* ATMOSPHERIC DISPERSION MODELLING	Poster	Inter-comparison of dose rate calculations from atmospheric dispersion models in the near range	Christophe Gueibe	cgueibe@SCKCEN.BE