

European Platform on preparedness for nuclear and radiological emergency response and recovery

M05172017

Minutes

EIGHT GENERAL ASSEMBLY OF THE NERIS PLATFORM

Location:Lisbon, PortugalDate:Wednesday, 17 May 2017

Participants: See list attached



1. OPENING OF THE EIGHT GENERAL ASSEMBLY

The Eight NERIS General Assembly was held at the occasion of the third NERIS Workshop in Lisbon, Portugal, on 17th May 2017.

Thierry Schneider opens the General Assembly at 1:30 pm, as President of the NERIS Platform. The list of participants is provided in Annex 1. The proposed agenda is adopted (see Annex 2).

2. ANNUAL REPORT

Thierry Schneider reports on the main activities of the NERIS Platform for the year 2016. The annual report presents more in details the NERIS activities for 2016.

• New membership and withdrawals

- In 2016, 1 new organisation joined the NERIS Platform as member (UBB University Babes-Bolyai (Romania))
- Due to revision of their activities, 2 supporting organisations decided to withdraw from the NERIS Platform (KWR - Watercycle Research Institute (Netherlands) and IKE - Institute of Nuclear Technology and Energy Systems (Germany)).

In terms of activities, it has been noticed:

- The efforts and the implication of the NERIS Management Board members to the coordination of the Platform.
- The NERIS Platform jointly organised with the other RP Platforms the first European Radiation Protection Week in Oxford from 19 to 23 September 2016. At this occasion, the NERIS Platform organised a special sessions dedicated to the lifting of countermeasures.
- NERIS also strengthened its involvement in the coordination of radiation protection research at European level by being involved in the Management Board of the OPERRA Project and being member of the Executive Board and Management Board of the CONCERT Project.
- An effort has been made by NERIS members to disseminate and promote the work achieved by the NERIS community: publication of NERIS TP proceedings (Radioprotection, Vol. 51 HS N° 1 2016), publication of the main outcomes of PREPARE project (Radioprotection, Vol. 51 HS N° 2 2016) and publication of the NERIS Workshop 2015 proceedings (available on NERIS Website).

Thierry Schneider also emphasised the main challenges for the NERIS Platform in the coming years. The main points highlighted are described hereafter.

Joint research at European Union level

- $\circ\,$ Importance of reinforcing the research community on Emergency and Recovery issues at the EU level
- Promote the involvement of different organisations and favour representativeness of the different EU countries in research activities

Visibility and strategy

- Need to publish papers on the updated SRA
- Develop and publish the NERIS roadmap
- Promote the publications on current NERIS activities in the open literature and the NERIS web page
 - On working groups, users group, E&T
 - On research projects (finished and on-going projects)
 - Short statements related to interesting developments make the web page more attractive



Interaction with the other research platforms

- OPERRA, COMET, CONCERT projects:
 - A successful process for the development of NERIS research activities
 - Significant interactions with other platforms for the development of research including topics related to Social Sciences and Humanities
 - Several multidisciplinary projects
 - Sharing objectives with other platforms
- ERPW: an opportunity to have common workshop sessions
 - Challenging topics such as evacuation with different considerations
 - Do not prevent to have our own NERIS workshop

NERIS Platform organisation

- Discuss the current means and structures if they are appropriate
- Development of the NERIS long-term roadmap in relation to the common roadmap developed under CONCERT
- Try to find mechanisms to support funding outside EU research programme in RP

Consolidate the connection with organisations involved in the management of Chernobyl and Fukushima accidents

- Maintain interaction with colleagues from Belarus, Ukraine and Russia to ensure the follow up and management of the consequences of the accident
- Strengthen and expand the cooperation established with Japanese colleagues
 - Possible interaction through the research projects
 - Possible invitation to the workshops
 - Possible cooperation on E&T (request from University of Hiroshima)
- Interaction with European and International organisations
 - Main challenges for the next European Radiation Protection Research Week and ICRP Symposium to be held in Paris on October 2017
 - Common session and contact to be established with different organisations
- Engage dialogue and consultation
 - Open the dialogue with stakeholders from various origins on NERIS activities and SRA
 - o Promote consultations on NERIS documents within a broader community
 - Use the results of researches to favour the engagement of different stakeholders in Emergency and Recovery preparedness
- > Towards harmonisation of Emergency and Recovery approaches in Europe
 - Vision adopted at the creation of NERIS and expected to be achieved by 2020
 - Reinforced by the feedback from Fukushima accident
 - Transposition of EURATOM Directive create a new situation calling for reinforcing the common approaches on Emergency and Recovery issues

The annual report of the NERIS Platform for 2016 is adopted by the General Assembly.



3. FINANCIAL ISSUES

Wolfgang Raskob, Treasurer of the NERIS Platform, presents the main figures of the financial results for 2016.

3.1. Results of 2016

The following tables present, for 2016, the expenses, mainly related to the secretariat activities, and the resources provided by the fees of the supporting organisations. The total of the expenses is $38.5 \text{ k} \in$ and the total of the resources is $42.7 \text{ k} \in$. This leads to a positive result for 2016 of $4.2 \text{ k} \in$.

The participants validate the financial results for 2016.

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			NE	RIS 2016 OPERA	TING COSTS				
NERIS COSTS	Items	Workload days	Workload days paid	Daily cost VAT excluded	Total cost VAT excuded €	Total cost VAT included 20% €	T&S and others	Subtotal F ¢	Total ¢
NETWORK SECRETARIAT (CEPN)			para						
NERIS Steering Group & Management	General management (manager)	2	1	1500,00	1500,00	1800,00	163,05	1963,05	
5 . 5	Assistance (junior researcher)	15	10	680,00	6800,00	8160,00		8160,00	
NERIS Workshops (ERPW 2016)	Workshops organisation (manager)	2	1	1500,00	1500,00	1800,00		1800,00	
	Workshops organisation (junior researcher)	3,5	1	680,00	680,00	816,00	1089,45	1905,45	
WG & sub-network management	Management (manager)	1	1	1500,00		1800,00	5715	1800,00	
	Assistance (junior researcher)	3	2	680,00	1360,00	1632,00		1632,00	
NERIS Newsletters	Editorial board (senior researcher)	0	0	980,00		0,00		0,00	
	Realisation (junior researcher)	5	3	680,00	2040,00	2448,00		2448,00	
NERIS website	Maintenance, upgrading (senior researcher)	4	1	980,00		1176,00		1176,00	
	Maintenance, upgrading (junior researcher)	3	0	680,00	0,00	0,00		0,00	
	Coordination with european platform (senior re		1	980,00		1176,00		-,	20884,
Others Reception	Auditor certification Web domain (neris.eu), stamp, banking Lunches, dinner (AB, SC, Workshop)						500,00 165,04 0,00	500,00 165,04 0,00	
neception	Earches, anner (AB, 56, Workshop)						0,00	0,00	
							0,00	0,00	665,0
Contacts with intl. Organisations	Management (manager)	7	6	1500,00	9000,00	10800,00		10800,00	
			-		<i></i>	,		0,00	
CONCERT European project	CONCERT Projects (manager) RICOMET + ICRP WG	3	0	1500,00	0,00	0,00	3645,86	0,00	
SHAMISEN European project	Oslo meeting						328,87	328,87	
									11128,8
NERIS COST for coordination	subtotal 1 - subtotal 2	50,5	27		26340,00	31608,00	5892,27		37500,
Contribution CREAL 2015 extourne							-1000,00		-1000,0
Contribution to RPW 2016							2000,00		2000,0
NERIS COST for support							1000,00		1000,0
TOTAL NERIS COORDINATION		50,5	27,0			31608,00	6892,27		38500,

		NERIS 2016 RESOURCES							
IERIS RESOURCES	Members of NERIS - supporti	Members of NERIS - supporting organisations							
	1 Belgium	SCK-CEN	Belgian Nuclear Research Center	1000,					
	2 Czech Rep.	SURO	National Radiation Protection Institute	1000,					
	3 Denmark	DTU	Technical University of Denmark	1000					
	4 Denmark	PDC	Prolog Development Center	1000					
	5 Finland	STUK	Radiation and Nuclear Safety Authority	2000					
	6 France	MUTADIS	Mutadis	1000					
	7 France	CEPN	Nuclear Evaluation Protection Center	1000					
	8 France	IRSN	Institute for Radiological Protection and Nuclear Safety	2000					
	9 Germany	BFS	Federal Office for Radiation Protection	2000					
	10 Germany	KIT	Karksruhe Institute of Technology	1000					
	11 Germany	IKE	University of Stuttgart	1000					
	12 Greece	GAEC	Greek Atomic Energy Commission	2000					
	13 Greece	DEMOKRITO	National Center for Scientific Research DEMOKRITOS	1000					
	14 Ireland	EPA	Environmental Protection Agency	2000					
	15 Italy	UNIMI	University of Milan	1000					
	16 Netherland	KWR	Watercycle Research Institute	1000					
	17 Norway	NRPA	Norwegian Radiation Protection Authority	2000					
	18 Norway	NMBU	Norwegian University of Life Science	1000					
	19 Poland	NCNR	National Centre for Nuclear Research	1000					
	20 Portugal	IST	Technical Institute of Lisbon	1000					
	21 Portugal	APA	Agencia Portugesa do Ambiente	2000					
	22 Spain	UPM	Technical University of Madrid	1000					
	23 Spain	CIEMAT	Ciemat	2000					
	24 Spain	TECNATOM	Tecnatom	2000					
	25 Slovakia	VUJE	Nuclear Power Plants Research Institute	2000					
	26 Switzerland	OFSP	Swiss Federal Office of Public Health	2000					
	27 United Kingdom	PHE	Public Health England	2000					
	28 United Kingdom	RISCU	University of Warwick	1000					
otal fees				40000					
thers	Concert project								
ulers	Concert project			249					
	OPERRA SHAMISEN project			246					
				2738					
OTAL NERIS RESOURCES				42738					
ESULT	NERIS resources - NERIS costs			4238					

3.2. Proposal for 2017

For 2017, Wolfgang Raskob underlined the preliminary estimates for the expenses and resources mentioning that resources associated with fees are reduced because of the 2 withdrawals of IKE and KWR. However, this will be balanced by the expected positive results of the NERIS workshop in Lisbon.

Thierry Schneider also pointed out that CONCERT project contains dedicated resources to support the travel costs of NERIS members to attend meeting related to the preparation of the NERIS SRA and Roadmap. In this way, Thierry Schneider invited NERIS members to contact NERIS Secretariat if they need some funding for their travel costs (organisations not members of CONCERT are eligible for this funding from NERIS).

For 2018, the same fees for the supporting organisations are proposed.

The participants of the NERIS General Assembly validate the proposed budget for 2017 as well as the conservation of the fees amount.

	NERIS 2017 OPERATING COSTS								
NERIS COSTS	Items	Workload days	Workload days paid	Daily cost VAT excluded €	Total cost VAT excuded €	Total cost VAT included 20% €	T&S and others €	Subtotal F €	Total ¢
NETWORK SECRETARIAT (CEPN)									
NERIS Steering Group & Management	General management (manager)	2	1	1400,00	1400,00	1680,00	200,00	1880,00	
	Assistance (junior researcher)	15	10	600,00	6000,00	7200,00		7200,00	
NERIS Workshops (NERIS 2017+ERPW)	Workshops organisation (manager)	2	1	1400,00	1400,00	1680,00		1680,00	
	Workshops organisation (junior researcher)	7	6	600,00	3600,00	4320,00	500,00	4820,00	
WG & sub-network management	Management (manager)	1	1	1400,00	1400,00	1680,00		1680,00	
Ŭ	Assistance (junior researcher)	3	2	600,00	1200,00	1440,00		1440,00	
NERIS Newsletters	Editorial board (senior researcher)	0	0	980,00	0,00	0,00		0,00	
	Realisation (junior researcher)	5	4	600,00	2400,00	2880,00		2880,00	
NERIS website	Maintenance, upgrading (senior researcher)	4	1	980,00	980,00	1176,00		1176,00	
	Maintenance, upgrading (junior researcher)	3	0	600,00	0,00	0,00		0,00	
		-		,	,	,		,	22756,00
Others Reception	Auditor certification Web domain (neris.eu), stamp, banking Lunches, dinner (AB, SG, Workshop)						500,00 200,00 0,00	500,00 200,00 0,00	
	Workshop organisation - Neris 2017						8000,00	8000,00	
									8700,00
Contacts with intl. Organisations	Management (manager)	6	5	1400,00	7000,00	8400,00		8400,00	
					0,00	0,00		0,00	
European project	CONCERT Projects (manager)	5	1	1400,00	1400,00	1680,00	6000,00	7680,00	
	SHAMISEN project (manager)	3	0	1400,00	0,00	0,00	6000,00	6000,00	
									22080,00
NERIS COST for coordination	subtotal 1 - subtotal 2	56	32		26780,00	32136,00	21400,00		53536,00
Contribution ALLIANCE/ICRER							1000,00		1000,00
Contribution to RPW 2017							2000,00		2000,00
NERIS COST for support							3000,00		3000,00
TOTAL NERIS COORDINATION		56,0	32,0			32136,00	24400,00		56536,00

		NERIS 2017 RESOURCES						
NERIS RESOURCES	Members of NERIS - supporting	Members of NERIS - supporting organisations						
	1 Belgium	SCK-CEN	Belgian Nuclear Research Center	1000,00				
	2 Czech Rep.	SURO	National Radiation Protection Institute	1000,00				
	3 Denmark	DTU	Technical University of Denmark	1000,00				
	4 Denmark	PDC	Prolog Development Center	1000,00				
	5 Finland	STUK	Radiation and Nuclear Safety Authority	2000,00				
	6 France	MUTADIS	Mutadis	1000,00				
	7 France	CEPN	Nuclear Evaluation Protection Center	1000,00				
	8 France	IRSN	Institute for Radiological Protection and Nuclear Safety	2000,00				
	9 Germany	BFS	Federal Office for Radiation Protection	2000,00				
	10 Germany	KIT	Karksruhe Institute of Technology	1000,00				
	11 Germany	IKE	University of Stuttgart	0,00				
	12 Greece	GAEC	Greek Atomic Energy Commission	2000,00				
	13 Greece	DEMOKRITO		1000,00				
	14 Ireland	EPA	Environmental Protection Agency	2000,00				
	15 Italy	UNIMI	University of Milan	1000,00				
	16 Netherland	KWR	Watercycle Research Institute	0,00				
	17 Norway	NRPA	Norwegian Radiation Protection Authority	2000,00				
	18 Norway	NMBU	Norwegian University of Life Science	1000,00				
	19 Poland	NCNR	National Centre for Nuclear Research	1000,00				
	20 Portugal	IST	Technical Institute of Lisbon	1000,00				
	21 Portugal	APA	Agencia Portugesa do Ambiente	2000,00				
	22 Spain	UPM	Technical University of Madrid	1000,00				
	23 Spain	CIEMAT	Ciemat	2000,00				
	24 Spain	TECNATOM	Tecnatom	2000,00				
	25 Slovakia	VUJE	Nuclear Power Plants Research Institute	2000,00				
	26 Switzerland	OFSP	Swiss Federal Office of Public Health	2000,00				
	27 United Kingdom	PHE	Public Health England	2000,00				
	28 United Kingdom	RISCU	University of Warwick	,				
Total fees	28 Officed Kingdoffi	RISCO		1000,00				
lotal fees				38000,00				
	c							
Others	Concert project			4214,25				
	OPERRA SHAMISEN project			4500,00				
	Workshop NERIS - Lisbon			10000,00				
				18714,25				
TOTAL NERIS RESOURCES				56714,25				
RESULT	NERIS resources - NERIS costs			178,25				

4. REVIEW OF THE PLATFORM ACTIVITIES

4.1. Activities of the NERIS Working Groups

Working Group on ICRP recommendations

Wolfgang Raskob presented the activities of the Working Group on ICRP recommendations. He mentioned that a meeting with the ICRP Task Group dedicated to the update of Publication 109 and 111 on emergency and recovery has been held in Paris on April 2016 allowing to provide preliminary comments on this update. The summary of this meeting is available on the NERIS Website, on the WG ICRP dedicated webpage.

For 2017, Wolfgang Raskob explained that WG ICRP will contribute to the ICRP meeting next October in Paris, at the occasion of the ICRP Symposium.

Working Group on Contaminated Goods

Sylvie Charron presented the activities related to the Working Group on Contaminated Goods (ConGoo). She reminded that the work implemented within this WG was initially conducted in the framework of PREPARE WP3. In September 2016, during the ERPW16 in Oxford, The WG ConGoo as such has been reactivated. All partners agreed to continue the reflection involving stakeholders on the management of contaminated goods.

Sylvie Charron specified that a new WG ConGoo meeting is scheduled at the end of the 3rd NERIS Workshop (19 May 2017). The objective of this meeting is notably to see how to interact with stakeholders' panels organised in the framework of European projects CONFIDENCE and TERRITORIES and to provide initial feedback from Fukushima current situation.

Working Group on Information, Participation and Communication

Eduardo Gallego presented the first-year-activities of the Working Group dedicated to 'Information, Participation and Communication'. He reminded that this WG was created in January 2016 with the idea to continue the work implemented in the framework of PREPARE WP6. First actions, agreed during the meeting in Oxford in September 2016, was to:

- Establish a forum within the analytical Platform
- Draft and edit easy-to-read leaflets with key messages from PREPARE WP6 and WP3
- Develop new sections on the NERIS website with relevant deliverables

E. Gallego inviteed all volunteers to be part of this NERIS WG and to help with the work in progress. E. Gallego proposed also a new meeting during the future NERIS Workshop in 2018.

Thierry Schneider underlined the fact that the WG on Information, Participation and Communication integrates the objectives of the former WG on Local Stakeholder, which has no more activities. Some participants in the assembly asked to save the database entered in the former WG Local SH.

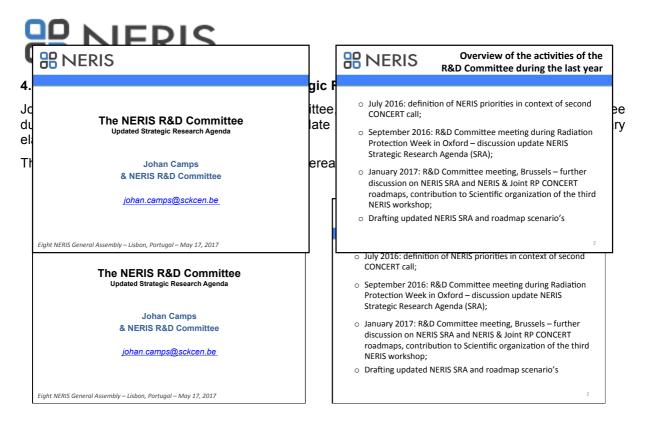
Thierry Schneider declared that this issue will be addressed and that leaders of this former WG will be implicated in order to save and maintain the work done so far. The members of the General Assembly agreed to withdraw the WG on Local Stakeholder.

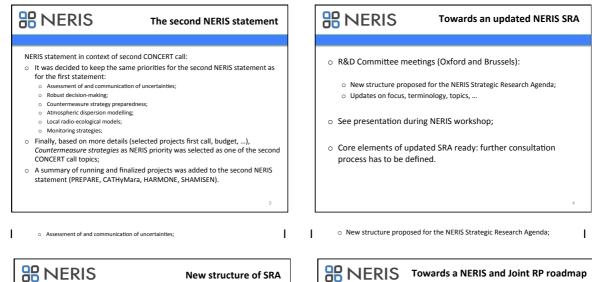
Thierry Schneider also proposed to dedicate more time to the presentation of the strategy developed within each NERIS WG during the next General Assembly in 2018.

4.2. Activities of the RODOS Users Group

Florian Gering presented the activities of the RODOS Users Group. He explained that in 2016, the meeting of the RODOS Users Groups was held in June 2016 in Madrid. About 40 participants from 17 countries were present. In addition to this meeting, an optional training course on advanced features of JRODOS was organised by KIT.

Florian Gering specified that the 2017 meeting of the RODOS Users Group was held last April 2017 in Karlsruhe. Next meeting of the RODOS Users Group is scheduled in April 2018 in Netherlands. The exact dates are no determined yet and, in order to prevent some schedule conflicts, Thierry Schneider draws the attention that the 4th NERIS Workshop will also be held in April 2018: from 25 to 27.





NERIS	New structure of SRA

- 3 Research Areas, 10 Key Topics
- o Challenges in radiological impact assessments during all phases of nuclear and radiological events
 - Improved modelling Improved monitoring Data assimilation
- o Challenges in countermeasure and countermeasure strategies in emergency and recovery, Decision support and Disaster informatics
 - Countermeasures & countermeasure strategies Formal decision support -Disaster Informatics
- Challenges in setting-up a multi-faceted framework for preparedness for emergency response and recovery
 - Emergency response and recovery framework, including reference levels -Stakeholder engagement, involvement of the public & communication Integrated emergency management, non-radiological aspects - Uncertainty and incomplete information handling
- RERIS Towards a NERIS and Joint RP roadmap \circ $\;$ Two societal scenarios were developed by NERIS (as agreed during CONCERT roadmap meeting RPW Oxford): Facing the consequences of a nuclear or radiological accident or incident Facing the consequences of a radiological terroristic act Deadline for roadmaps shifted from end of May towards end of November 2017.
- Discussion joint RP roadmap continuous (Budapest, May 22)
- NERIS roadmap: further steps are necessary start from the scenario's developed is a possibility



5. INFORMATION ON THE OPERRA PROJECT

Thierry Schneider reminded that 3 projects selected under the OPERRA project are directly related to NERIS activities and involved NERIS members:

- CATHYMARA Project leader: David Broggio (IRSN)
 Child and Adult Thyroid Monitoring After Reactor Accident
- HARMONE Project leader: Christian Staudt (HMGU) Harmonising Modelling Strategies of European Decision Support Systems for Nuclear Emergencies
- SHAMISEN Project leader: Elisabeth Cardis (ISGlobal) Nuclear Emergency Situations-Improvement of Medical and Health Surveillance

Started in December 2015, these projects will end on 31st May 2017.

Thierry Schneider also pointed out that the OPERRA Final meeting will be held on 23-25 May 2017 in Budapest. After that final event, all documents related to the projects funded by OPERRA will be available. The ones related to NERIS activities will notably be available on the NERIS Website.

6. INFORMATION ON THE CONCERT PROJECT

6.1. General information on the CONCERT Project

Thierry Schneider reminded that two major projects related to NERIS activities, CONFIDENCE and TERRITORIES, have been selected under the first CONCERT Call. Detailed presentations of these projects were presented during the 3rd NERIS Workshop.

Thierry Schneider also specified that the second CONCERT Call is under evaluation. The results are expected for the end of July.

Concerning the different CONCERT work packages, Thierry Schneider pointed out the important implication of NERIS representatives for the elaboration of the joint SRA and Roadmaps, gathering all priorities coming from all European Research Platforms. A first joint Roadmap is expected for the end of November 2017.

6.2. CONCERT WP5 – Contribution to the CONCERT Stakeholder Group

Tatiana Duranova explained that the SubTask 5.2 of the CONCERT project aims to establish a Stakeholder Group at the European scale to:

- Provide a route for stakeholders to build their own opinion on RP research topics and to be heard within CONCERT
- Provide input to identify areas of concern where further information or research could be beneficial.

10 to 15 persons are expected to be part of the Stakeholder Group, representing the range of different stakeholder types (patients, NGO, RP public expert, industries, research funding agencies, etc.).

In this context, Research Platforms have been asked to identify stakeholders on the basis of their interest in the orientation of RP Research.

Concerning NERIS, Tatiana Duranova informed the General Assembly that the management board has proposed three different stakeholders: Eduardo Gallego (UPM-Spain), Yves Lheureux (ANCCLI-France) and Dominique RAUBER (FOPH-Switzerland).

7. NERIS PARTICIPATION TO THE ICRP SYMPOSIUM AND THE ERPW 2017

Thierry Schneider reminded that, as mentioned during the last NERIS General Assembly, NERIS has been involved in the organisation of the ICRP Symposium as well as the ERPW 17 on October 10-12 2017 in Paris.

Concerning the ICRP Symposium, Christophe Murith specified that a joint session ICRP& NERIS will be organised on Thursday 12th October and will be dedicated to the **Post-Accidental Recovery**.



Within the ERPW 17, two sessions will be organised by NERIS, on Tuesday 10th afternoon:

- Session 1: Ethics in radiation protection
- Session 2: Management of emergency and post-accident situations: how to optimize population evacuation zones and related decision making processes?

Thierry Schneider reminded that during this week, satellite meetings will be organised as for example: the NERIS R&D Committee and Management Board on October 11th. Thierry Schneider invited participants who whish to organise satellite meetings to contact him in order to book dedicated meeting rooms.

8. INTERNATIONAL COOPERATION

8.1. Cooperation with international organisations

EAN – European ALARA Network

Pascal Croüail and Thierry Schneider informed that the 17th European ALARA Network workshop on "ALARA in emergency exposure situations", organised in cooperation with NERIS, was completed just before the 3rd NERIS Workshop. The report will be available by the end of September 2017 and will be also published on the NERIS website.

WHO

Zhanat Carr presented the main interaction between NERIS and WHO. The detailed presentation is available in Annex 3.

ICRP

Jean-François Lecomte presented the main current ICRP activities related to NERIS. He notably announced the results of the election of the ICRP Main Commission members. Jean-François Lecomte also mentioned the main outcomes from Task Group 93, working on the update of publications 109 and 111. The detailed presentation is available in Annex 4.

IAEA

Carol Robinson presented the main activities of the Incident and Emergency Centre of IAEA. Her detailed presentation is available in Annex 5.

EC-ISPRA

Miguel-Angel Hernandez Ceballos presented the main activities of the European Commission's Science and knowledge services. Thierry Schneider took the opportunity of this presentation to emphasise the need of closer relations between NERIS and EC-ISPRA. The detailed presentation of Miguel-Angel Hernandez Ceballos is available in Annex 6.

NEA-OECD

In the absence of Olvido Guzmán, Thierry Schneider presented the main activities of NEA-OECD related to NERIS activities in 2016. The detailed presentation is available in Annex 7.

8.2. Cooperation with Japanese organisations

Thierry Schneider reminded that cooperation with Japanese organisations and universities were organised in the framework of different European projects (PREPARE, SHAMISEN, etc.). Currently, a cooperation agreement exists with CRIEPI. Thierry Schneider expressed the need to further consider the possible interaction and collaboration between NERIS and Japanese organisations in the near future, on the E&T matters notably.

9. NERIS WORKSHOP 2018 – DATE & VENUE OF THE NEXT GENERAL ASSEMBLY

Thierry Schneider and Veronica Smith announced that the **next NERIS Workshop will be held in Dublin, on 25-27 April 2018.**

At this occasion, it is decided to organise **the ninth General Assembly on 25th April afternoon in Dublin.** In addition, satellite meetings could take place during this week in Dublin.



10. ANY OTHER ISSUES

Thierry Schneider provided information on 2 events of interest for NERIS:

- RICOMET 2017 Social & ethical aspects on the decision-making-process in radiological risks situations. 27-28 June 2017 in Vienna (IAEA premises)
- ICRER 2017. 2-8 September 2017, Berlin

11. CLOSING OF THE EIGHT GENERAL ASSEMBLY

Thierry Schneider thanked all the participants and closed the General Assembly at 4:30 pm.

BNERIS

M05172017

Minutes of the Eighth General Assembly of the NERIS Platform Wednesday 17 May 2017 Lisbon, Portugal

Members of the Bureau of the NERIS Platform

Thierry SCHNEIDER, CEPN	Chair	
Florian GERING, BfS	Vice-Chair	F. Gorg
Deborah OUGHTON, NMBU	Secretary	By if G. Salans
Wolfgang RASKOB, KIT	Treasurer	W. Rem



ANNEXES



Annex 1: List of Participants (Supporting Organisations only)

BNERIS

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Minutes of the Eighth General Assembly of the NERIS Platform Wednesday 17 May 2017 Lisbon, Portugal

Supporting organisations of the NERIS Platform

ORGANISATIONS	REPRESENTIVES	SIGNATURE
APA - Agencia Portuguesa do Ambiente	PAULO NUNES	Paule Non
BfS - Federal Office for Radiation Protection	Florien Gering	F. Ging
CEPN - Nuclear Evaluation Protection Centre	Threery Schneider	Sent
CIEMAT	HILBGRUS MONTERO	No lapos site leves
DTU NUTECH -Technical University of Denmark	W. Raskob (proxy)	Cv. Dru
EPA – Environmental Protection Agency	C. Mc Machon	lac
FOPH - Federal Office Public Health	C. Muril	ait
GAEC - Greek Atomic Energy Commission		
IRSN - French Institute for Radiological Protection and Nuclear Safety	S. CHARRON	8.
IST - Instituto Superior Técnico (the Lisbon School of Engineering, Science and Technology)	MA'RO REIS	Leron -
KIT - Karlsruhe Institute of Technology	W. Resleas	Cv. Dul
MUTADIS	T. Schneides (proxy)	Setur
NCBJ - National Centre for Nuclear Research		

BNERIS

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ORGANISATIONS	REPRESENTIVES	SIGNATURE
NCSRD - National Centre for Scientific Research "Demokritos"	S. Andronopoulos	AL1
NMBU - Norwegian University of Life Sciences	ØYVIND GJØLME SELNÆS	Avial G. Schas
NRPA - Norwegian Radiation Protection Authority	Inger M. H. Eikelmann	Ly-M- EEL
PDC-Argos - Prolog development Center	Jau Rehrsson	hel
PHE – Public Health England	ANYON BEXIN	ABen
SCK-CEN - Belgian Nuclear Research Centre	JOHAN CAMPS	AE
STUK - Finnish Radiation and Nuclear Safety Authority	M. Muikken	Milin
SURO - National Radiation Protection Institute	Petr KUDA	Jehh
Tecnatom	E-GIALLEGO (Proxy)	There hally
UNIMI- University of Milan	Marie Claire Cantone	Make Sulão
University of Warwick	T. SCHNEDDER (pory)	Stat
UPM - Universidad Politécnica de Madrid	E.GALLEGO	Itlend galley
VUJE - Nuclear Power Plants Research Institute	T. Duranova	That



Annex 2: Agenda of the Eight NERIS General Assembly

BNERIS

Agenda

EIGHTH GENERAL ASSEMBLY OF THE NERIS PLATFORM

Wednesday May 17, 2017

13.30 - 16.30

CTN – Tecnológico e Nuclear Campus Estrada Nacional 10 2695-066 Bobadela LRS

- 1. Opening of the General Assembly and adoption of the agenda (President – Thierry Schneider - CEPN)
- 2. Annual report (President Thierry Schneider CEPN)
 - 2.1. Activities and evolution of the memberships
 - Adoption of the report by the GA
- 3. Financial issues (Report of the treasurer: Wolfgang Raskob KIT)
 - 3.1. Results of 2016
 - Adoption of the results of 2016
 - 3.2. Proposal for 2017
 - 3.3. Adoption of the fees for 2018

4. Review of the Platform activities

- 4.1. Activities of the NERIS Working groups:
 - 4.1.1. WG on ICRP recommendations (Wolfgang Raskob KIT)
 - 4.1.2. WG on Contaminated Goods (Sylvie Charron IRSN)
 - 4.1.3. WG on Information, Participation and Communication (Eduardo Gallego - UPM)
- 4.2. Activities of the RODOS Users Group (Florian Gering BfS)
- 4.3. R&D Committee: Updated Strategic Research Agenda (Johan Camps – SCK CEN)
- 5. Information on the OPERRA Project

6. Information on the CONCERT project

- 6.1. General Information on the CONCERT Project
- 6.2. CONCERT WP5 Contribution to the CONCERT Stakeholder Group
- 6.3. Information on the development of the CONFIDENCE & TERRITORIES projects

- 2
- 7. NERIS participation to the ICRP Symposium & European Radiation Protection Week in October 2017 in Paris (*Thierry Schneider & Christophe Murith*)

8. International cooperation (All)

8.1. Co-operation with international organisations

- 8.1.1. EAN European ALARA Network: Feedback on the workshop organised in cooperation with NERIS (*Fernand Vermeersch, Pascal Croüail*)
- 8.1.2. WHO REMPAN (Zhanat Carr)
- 8.1.3. ICRP (Jean-François Lecomte)
- 8.1.4. IAEA (Carole Robinson)
- 8.1.5. NEA/OECD

8.2. Co-operation with Japanese organisations

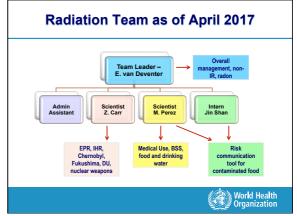
9. RP Research coordination

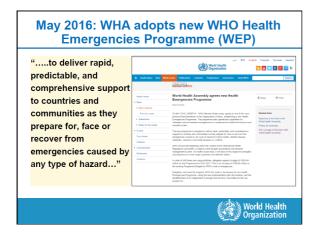
- 9.1.1. MELODI (Pedro Vaz) 9.1.2. ALLIANCE (Maria-José Madruga)
- 10. NERIS Workshop 2018
- 11. Date and venue of the next General Assembly
- 12. Any other issues
- 13. Closing of the Eighth General Assembly (President Thierry Schneider CEPN)



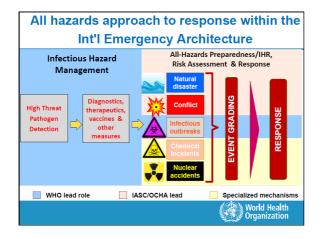
Annex 3: Updates from WHO Radiation Programme's Activities in the EPR area

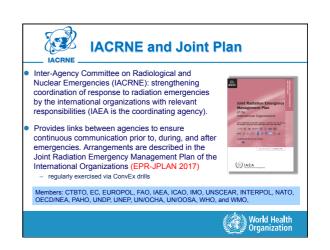






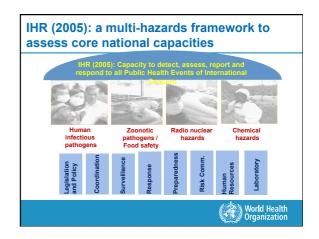


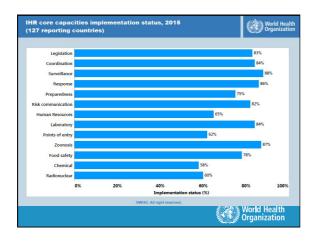


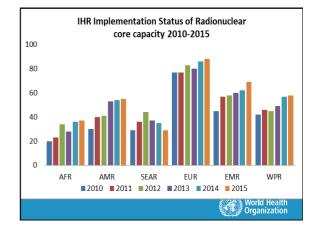


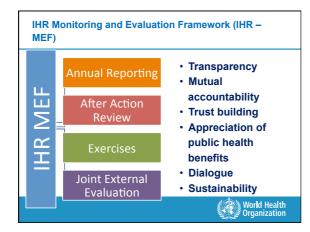


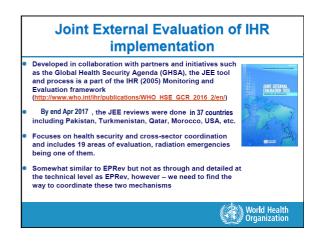










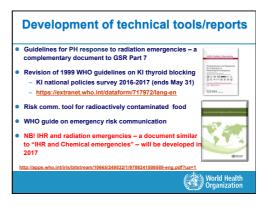








Planned JEE Missions in 2017 in European Region						
EURO	Belgium	2017	Jun 19-23			
EURO	Finland	2017	Mar 27-31			
EURO	Latvia	2017	May 8-12			
EURO	Slovenia	2017	Jun 5-9			
EURO	Switzerland	2017	Oct 30 -3 Nov			
EURO	Liechtenstein	2017	Oct 30 -3 Nov			
ttps://extranet.who.int/spp/calendar World Health Organization						





UPCOMING EVENTS

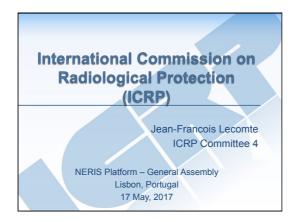
- World Health Assembly next week will elect new DG, will come to administration from July 01, 2017.
- Various national and regional training programs held by the WHO Collaborating Centres

 RERF annual training course in biodosimetry, Hiroshima, Japan;
 - Karolinska University training for on clinical management of radiation injuries, Sweden – Nov 2017
 KIRAMS training on EPR for Asian countries, Seoul Korea – Q3, 2017
- Topical Webinars aiming at specific issues, e.g. iodine thyroid blocking, acute radiation syndrome management, etc.
- ConvEx-3(2017) in Hungary June 2017
 The 40th Operating statistics of MUO DENDAM, 2.5, http://
- The 15th Coordination meeting of WHO REMPAN 3-5 July 2017 in Geneva, Switzerland (co-hosted by Swiss FOPH)

World Health Organization



Annex 4: Internation Commission on Radiological Protection (ICRP)







Programme of work						
	2013-2017	2017-2021				
Committee I	No clear direction	Update of the detrimen				
Committee 2	Development of dose coefficients	Finalisation of dose coefficients				
Committee 3	Protection in various medical practices	Continuation				
Committee 4	Protection in existing exposure situations	Topics of common interest with SLOs				
Committee 5	Scientific basis for the protection of fauna and flora	Integration of protection of man and the environment				



ICRP TG 93: a new report

Updating ICRP Publications 109 (emergencies) and 111 (living in long term contaminated areas) issued in 2009, in light of the lessons of the Fukushima accident

- Focused on the emergency and recovery situations of large scale nuclear accidents
- Superseding all previous ICRP Recommendations in the same field

ICR?

ICRP.



	TG 93 draft report
	Application of the Commission's Recommendations
£	the protection of people in the event of a nuclear accident
tor	
	- Update of Publications 109 and 111 -
	Contents
	Editorial: From Chernobyl to Fukushima
	Abstract
	Preface
	Main points
	Glossary
	I. INTRODUCTION
	2. GENERAL CONSIDERATIONS
	3. EMERGENCY RESPONSE
	4. RECOVERY
	5. EMERGENCY AND RECOVERY PREPAREDNESS
	6. CONCLUSION
	Annexes:
	A.I. Chernobyl
	A.1. Chernobyl A.2. Fukushima
1633	A.2. Fukusnima

TG93	and rela	ited	meeting	S	
TG93 meetir					
1 st	28-29, Nov, 201	3	Fukushima		
2 nd	8-9, May, 2014		Fukushima		
3 rd	28-30, Nov, 201	4	Paris		
4 th	30 March-1 Apr	il, 2015	Paris		
5 th	8-10, July, 2015	5	Tokyo		
6 th	14-15, July, 201	6	Tokyo		
7 th	22-23, Feb, 201		Paris		
8 th	6-7, July, 2017		Fukushima		
ICRP "Dialo	que in Fukushi	ma" me	etings		
12 mee	tings during Nov	. 2011 -	Sep. 2015. Fu	kushima	
	0 0				
6-7, Jul	v. 2015	Fukush	ima Dialogue	Tokyo	
11-12, A	pril, 2016	NERIS	Ū	Paris	
	uly, 2016	Fukush	ima Dialogue	Tokyo	
5 July, 2 Fukushi	2017		ima Dialogue	,	10

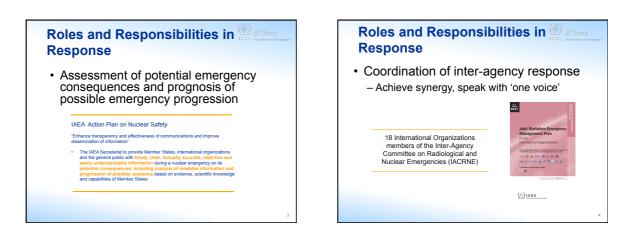




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Annex 5: Incident and Emergency Centre (IEC)





Roles and Responsibilities in Preparedness

- Emergency Preparedness and Response (EPR) Safety Standards, guidance and tools
- · EPR capacity building
- Emergency Preparedness Review (EPREV)
- IAEA's in-house and inter-agency preparedness



Standards, Guidance and Tools (cont'd)

- · Safety Standards under development:
- ✓ DS474: Arrangements for the Termination of a Nuclear or Radiological Emergency
 - Expected to be published in 2018
- ✓ DS475: Arrangements for Public Communication in a Nuclear or Radiological Emergency
 - · Expected to be completed in 2019
- ✓ DS469, EPR in Transport, revision of TS-G1.2 Expected to be completed in 2020

Standards, Guidance and Tools (cont'd) · Most recent developments within EPR series: **EPR-Harmonized Assistance** Capabilities 2017: Guidelines on the Harmonization of Response and Assistance Capabilities for a Nuclear or (6) IAEA Radiological Emergency

✓ EPR<u>-NPP-OILs 2017</u>: Operational Intervention Levels for Reactor Emergencies and Methodology for their Derivation

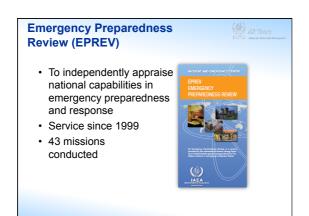


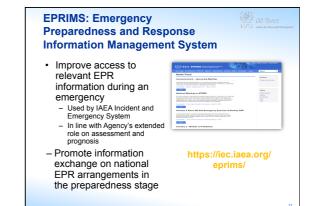
Standards, Guidance and Tools (cont'd)

- · EPR Series documents under development:
- ✓ EPR Protection Strategy
- Expected to be completed in 2017
- ✓ EPR Combined Emergencies
- Expected to be completed in 2017
- ✓ Revision of TECDOC 955: EPR Assessment of **Nuclear Accidents**
- · Expected to be completed in 2017
- ✓ EPR RAD OILs:
- Expected to be completed in 2017

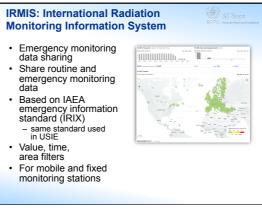


- GSR Part 7 requirements were fully applicable. · Hazard assessment would provide the basis for defining EPR arrangements
- There would be value in developing technical guidance to help Member States in defining EPR arrangements for these new reactors
 - Tasks to be started in 2018
 - There is a plan to launch a Coordinated Research Project on emergency planning zones for Small Modular Reactors









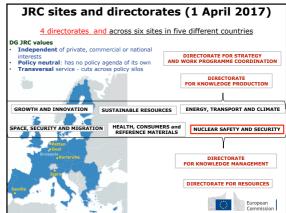






Annex 6: The European Commission's science and knowledge service







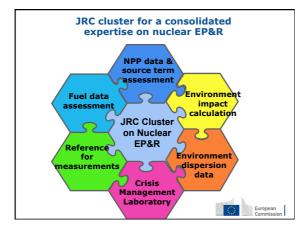
- 4 Foster knowledge management, education and training;
- 5 **Support the policy** of the Union on nuclear safety and security and the related evolving Union legislation.



JRC expertise in support of EU institutions in case of nuclear crises

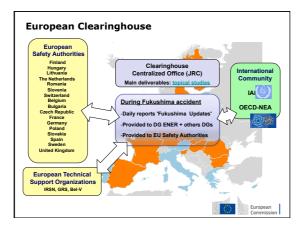
- 1. expertise on NPP data, safety, accident scenarios, source term calculations ('Clearinghouse', JRC-Petten)
- 2. expertise on fuel behavior and damage (JRC-Karlsruhe)
- expertise on environmental dispersion data (EURDEP & REMdb) and impact assessments (JRC-Ispra)
- expertise on environmental and food radiological measurements, reference for measurements (JRC-Geel)
- 'European Crisis Management Laboratory' integrates information and provides visual analytics (JRC-Ispra, non nuclear)



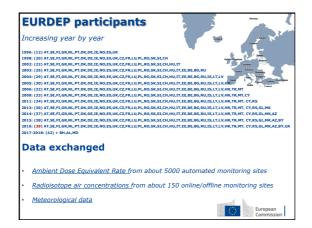


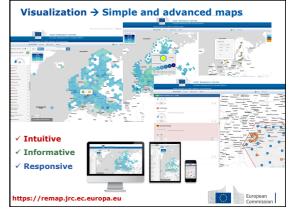


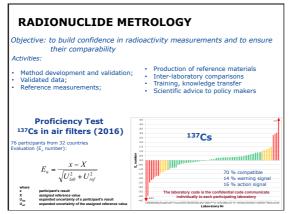




EURATOM Treaty, Chapter III: Health and Safety, art. 36 and 39	87/600/EURATOM Council Decision community arrangements for the early exchange of information in the event of a radiological emergency
The Commission and the Member States are required to establish and maintain a systems of rapid alert and information exchange for nuclear and radiological emergencies.	
ECURIE (European Community Urgent Radiological Information Exchange) is the official European Union arrangement for the early notification and exchange of <u>information</u> in the event of a radiological or nuclear emergency	
network for the automatic	tiological Data Exchange Platform) is a c exchange of radiological monitoring <u>data</u> both routine and emergency mode.













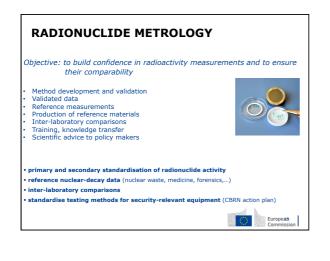
As the European Commission's science and knowledge service:

• Expertise in a wide range of areas from economic and financial analysis through to energy, transport, health and environment

 Focus on the priorities of the European Commission (80% of activities co-designed with partner DGs)

DG JRC values

- Independent of private, commercial or national interests
- Policy neutral: has no policy agenda of its own
- Transversal service cuts across policy silos
 European
 Commission



Annex 7: NEA-OECD activities

