PROGRAMME

“PREPARE DISSEMINATION WORKSHOP: INNOVATIVE INTEGRATIVE TOOLS AND PLATFORMS”

20 - 22 January 2016
Park Inn Danube Hotel, Rybne nam 1
Bratislava, Slovak Republic

January 19, 2016: NERIS will organize its General Assembly in the venue of the workshop

FIRST DAY

20 January:

- Review and investigation of the operational arrangements and procedures
- Enhancing of the existing decision support systems with capabilities of importance

08:00 – 09:00 Registration and coffee

Opening session

09:00 – 09:10 Welcome address
Tatiana Duranova, VUJE and Wolfgang Raskob, KIT

09:10 – 09:25 Presentation by Andre Jouve, EC project officer

Review and investigation of the operational arrangements and procedures

Session 1: Emergency preparedness for long lasting releases – Chair: Florian Gering

09:25 – 09:30 Emergency preparedness for long lasting releases - Overview
Florian Gering, BfS

09:30 – 09:45 Source terms
Albert Bujan, VUJE

09:45 – 10:00 Weather scenarios
Milagros Montero Prieto, CIEMAT

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10:00 – 10:15  
Assessment of radiological consequences  
*Tuomas Peltonen, STUK*

10:15 – 10:30  
Impact on drinking water  
*Leo Puijker, KWR*

10:30 – 10:45  
Conclusions for EPR for long lasting releases  
*Florian Gering, BfS*

**10:45 – 11:00 Coffee**

**Session 2: Management of consumer goods – Chair: Sylvie Charron**

11:00 – 11:10  
Overview of WP3: Management of contaminated goods in post-accident situations; national panels’ methodology  
*Sylvie Charron, IRSN and Sandra Lafage, CEPN*

Presentation of the main results by the members of the Task Force composed of representatives of the 11 European countries involved

11:10 – 11:20  
Market, trade, economic aspects, management strategies (tools, MPLs, etc.)  
*Catinel Turcanu, SCK-CEN; Sandra Lafage, CEPN; Jean-François Lecomte, IRSN; Pascal Croïail, CEPN; Christophe Murith, FOPH*

11:20 – 11:30  
Resources & Capabilities, monitoring strategies  
*Maria José Madruga, IST-ID*

11:30 – 11:40  
Information strategies and decision making process  
*Veronica Smith, EPA; Esther van Asselt, RIVM*

11:40 – 11:50  
Other goods  
*Kelly Jones, PHE; Tuukka Turtiainen, STUK*

11:50 – 12:00  
Preparedness (education & training, stakeholder participation process, etc.)  
*Vasiliki Kamenopoulou, GAEC; Astrid Liland, NRPA; Cristina Trueba, CIEMAT*

12:00 – 12:10  
Main recommendations  
*Thierry Schneider, CEPN*

12:10 – 12:30  
Discussion
12:30 – 13:30 Lunch

Enhancing of the existing decision support systems with capabilities of importance

Session 3: Extension of atmospheric dispersion and consequence modelling in Decision Support Systems – Chair: Spyros Andronopoulos

Spyros Andronopoulos, NCSR D

13:35 – 13:45  Physico-chemical properties of radionuclides emitted as particulate matter
Kasper G. Andersson, DTU

Extension of DSSs modules regarding particles

13:45 – 13:55  Source-term module in JRODOS
Claudia Landman, KIT

13:55 – 14:05  Dispersion models in JRODOS
Spyros Andronopoulos, NCSR D

14:05 – 14:15  ERMIN and Urban Surface Retention Experiments
Tom Charnok, PHE

14:15 – 14:25  Source term and RIMPUFF in ARGOS
Jan Pehrsson, PDC

14:25 – 14:35  Dispersion and fall out of heavier particles
Poul Astrup, DTU

Source term estimation based on measurements and atmospheric dispersion models

14:35 – 14:45  Fast and simple method with NPP fence measurements
Juraj Duran, VUJE

14:45 – 14:55  More advanced method
Ivan Kovalets, UCEWP

14:55 – 15:05  Implementation of source-term estimation methods in JRODOS
Ivan Kovalets, UCEWP
15:05 – 15:20  Improved source term description in Eulerian models in ARGOS
Jan Erik Dyve, Jerzy Bartnicki, NRPA

15:20 – 15:40 Coffee

Session 4: Aquatic dispersion and consequence modelling – Chair: Mark Zhelezniak

15:40 – 16:05  Overview of WP5 and updated release of the watershed - river modeling chain RETRACE-RIVTOX and 2D reservoir model COASTOX in HDM, the implementation studies
Mark Zheleznyak & Sergei Kivva, UCEWP & Fukushima University, Alex Boyko & Ievgen Ievdin, UCEWP, Dmytro Treebushky, KIT, Dorina Gheorghiu, IFIN-HH

16:05 – 16:30 Integration of 3D model THREETOX in JRODOS-HDM, implementation studies and model validation on marine Fukushima scenarios
Vladimir Maderich UCEWP, Raul Perianez, USEV, Mikhail Iosipe, NRPA, Alla Dvorzhak, CIEMAT, Vladimir Koshebutsky & Ievgen Ievdin, UCEWP

16:30 – 16:50 Integration of marine food chain model POSIEDON in JRODOS and testing versus Fukushima data
Roman Bezhenar & Vladimir Maderich, UCEWP

16:50 – 17:15 Integration of long-term models MOIRA-LAKE and MOIRA-RIVER into JRODOS- HDM
Eduardo Gallego, UPM, Liana Papush, Sweden, Ievgen Ievdin, UCEWP

17:15 – 17:30 Implementation of JRODOS-HDM for the assessment of Cs-137 transport and fate in rivers, reservoirs and ponds of the Fukushima Prefecture
Kenji Nanba, Fukushima University, Mark Zheleznyak, Sergey Kivva, Vladimir Maderich, Vladimir Koshebutsky, Eduardo Gallego, Liana Papush

19:30 Workshop dinner at Bratislava Castle Restaurant

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SECOND DAY

21 January:

- Improved means for the interaction of technical experts with authorities in charge, communication from and to the public and the training of key players
- Analytical Platform

Session 5: Conditions and means for information and participation of the public in a nuclear emergency and post-emergency situations – Chair: Gilles Hériard Dubreuil

09:00 – 9:15
Supporting people building their own response to the consequences of a nuclear accident: complexity management, trust and the Aarhus convention
Gilles Hériard Dubreuil, Mutadis

09:15 – 9:40
Information and participation of local actors confronted to a nuclear accident: lessons from Chernobyl and Fukushima accidents
Stéphane Baudé, Mutadis
Inger-Margarethe Eikelmann, NRPA

09:40 – 10:05
Experts-to-expert interactions in an emergency and post-emergency situation: conditions and means for relevant and trustworthy information of the public
Yves Marignac, WISE Paris
Julie Hazemann, EnerWebWatch

10:05 – 10:30
The role of traditional and social media in emergency and post-emergency situations
Tanja Perko, SCK-CEN

10:30 – 10:40
Discussion

10:40 – 11:00 Coffee

Session 6: Training of the key players, exercising – Chair: Johan Camps

11:00 – 11:10
Improving Nuclear Emergency Management by Training, Exercising and Testing
Johan Camps, SCK-CEN

11:10 – 11:30
Basic Training Courses for Key Players in Emergency Management: a Review of the Early and Late Phase Training Courses
Catrinel Turcanu, SCK•CEN & Pascal Crouail, CEPN

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11:30 – 11:55 Lessons Learned from a Transport Accident Exercise with Cross Border Consequences  
Marie-Thérèse LIZOT, IRSN

11:55 – 12:10 Lessons Learned from a Table Top Exercise on Monitoring a Large Scale Cross Border Contamination in the Aftermath of a nuclear accident  
Benjamin Zorko, JSI

12:00 – 12:30 Feedback from testing new models and tools  
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12:30 – 13:30 Lunch

Session 7: Analytical Platform – Chair: Claudia Landman

13:30 – 13:40 Overview and applicability of the Analytical Platform  
Wolfgang Raskob, KIT

13:40 – 14:00 Technical realization of AP  
Tim Müller, KIT

14:00 – 14:20 Knowledge database of AP  
Stella Möhrlle, KIT

14:20 – 14:40 “Ask the expert” and web crawling  
Andreas Ikonomopoulos, NCSRd

14:40 – 14:50 Operational procedures of AP  
Milagros Montero Prieto, CIEMAT

14:50 – 15:15 Conditions and means for a useful and trustworthy engagement of experts in the PREPARE Analytic Platform – survey and interviews outcomes  
Milagros Montero Prieto, CIEMAT  
Stéphane Baudé, Mutadis

15:15 – 15:30 Coffee

Session 8: Training and exercising, demonstration exercise – Chair: Tatiana Duranova

15:30 – 15:45 INEX 5 Exercise on Notification, Communication and Interfaces Related to Catastrophic Events involving Radiation or Radiological Materials  
Olvido Guzmán López-Ocón, WPNEm - OECD/NEA
15:45 – 15:55  Analytical Platform – training end exercising
   Tatiana Duranova, VUJE

15:55 – 16:50  Analytical Platform: demonstration exercise
   Claudia Landman, Tim Müller, KIT

16:50 – 17:30  JRodos demonstration and simulation capabilities: series of
   demonstrations and presentations of new tools
   Dmytro Trybushnyi, KIT

Programme June 2015
THIRD DAY

22 January:

- Integrative tools and platforms and their role within the common road map on radiation research in perspective of European research programme Horizon 2020

Session 9: Integrative tools and platforms: key outcomes – Chair: Wolfgang Raskob

09:00 – 09:10  PREPARE key outputs and general recommendations
    Wolfgang Raskob, KIT

09:10 – 09:45  Feedback from Work Package activities and new ideas
    WP1: Florian Gering, BfS
    WP2: Claudia Landman, KIT
    WP3: Sylvie Sharron, IRSN
    WP4: Spyros Andronopoulos, NCSR D
    WP5: Mark Zhelezniak, UPCEW
    WP6: Gilles Heriard-Dubreuil, Mutadis
    WP7: Johan Camps, SCK-CEN

09:45 – 10:00  NERIS Strategic Research Agenda reflections
    Johan Camps, NERIS R&D Committee

Coffee – 10:00 – 10:15

Session 10: Common road map on radiation research – Chair: Thierry Schneider

10:15 – 12:15  Panel discussion with European and International organisations, Platforms and Plenary discussion session on way forward

12:15 – 12:30  Concluding remarks
    Wolfgang Raskob, KIT and Thierry Schneider, NERIS

12:30 – 13:30  Lunch

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