



Aarhus Convention and Nuclear Roundtable

"Cross-border Emergency Preparedness and Response to nuclear accidental and post-accidental situations (EP&R)"

January 12-19-26, 2022

Location: online sessions

Agenda

December, 2021

The Nuclear Transparency Watch network and the European Commission (DG ENER) are organising an Aarhus Convention and Nuclear (ACN) Roundtable on "*Emergency Preparedness and Response to nuclear accidental and post-accidental situations (EP&R)*" with successive half-day morning sessions to be held on January 12th, 19th, and 26th, 2022.

An overview of current progress of the implementation EU EP&R provisions will be provided together with a regional perspective. A particular focus will be given to transboundary challenges of EP&R between EU member states. The roundtable will also examine the extent to which EP&R policies can reconcile various competing priorities such as health protection, continuity of economic life, recovery of life quality, remediation, and environmental protection. A plurality of participants will be involved. During the 2nd session, they will be proposed to participate to a serious game methodology, to foster dialogue on cross boarder situation involving Safety conditions at work in contaminated areas, on the one hand as well as on the Management of the production and marketing of goods produced in a contaminated, in the other hand. The 3rd session will draw lessons learned from Covid-19 that are relevant to EP&R

First Session- January 12th 2022: current progress of the implementation EU EP&R provisions together with a regional perspective

9:00 Introductory session

- Nadja Zeleznik, chair of Nuclear Transparency Watch
- Jan Panek, Director Nuclear energy, safety and ITER, DG ENERGY

9:15 Current arrangements at national and EU levels, transboundary aspects

Chair: Michael Hübel, Head of Unit D3, Radiation protection and nuclear safety, DG ENERGY

- **Study on the effective implementation of EP&R requirements in the EU Member States and the neighbouring countries:** Preliminary results and perspectives
 - Yvan Pouleur, Policy Officer D3, DG ENERGY
- **Outcomes of the IAEA/EC workshop (2018) on Emergency Preparedness and Response: Requirements and practical implementation**
 - Bharat Patel, Policy Officer D3, DG ENERGY
- **Présentation of the WHITE BOOK on Emergency and Post emergency Management elaborated by ANCCLI**, including specific aspects associated with transboundary EP&R
 - Anne Laure Maclot CLI of Cattenom and Yves Lheureux, ANCCLI
- **Modeling a major nuclear accident in a hypothetical EPR and understanding the dependence of the magnitude of transboundary radioactive pollution on meteorological situations**
 - Frédéric Paul Piguet, project director of Institut Biosphère

10:15 Plenary Discussion

11:00 Break

11:15 Regional Roundtables with national stakeholders

Effective involvement of the CS in the EP&R system will be discussed through regional roundtables. A focus will be made on complexity of transboundary aspects based on factual experience feedback, in two different EU regional contexts.

11:15 First regional Roundtable (France, Belgium, Germany, Luxembourg) on non-radiological challenges in EP&R

Chair: Yves Lheureux, ANCCLI

- **Economical and industrial issues**, Aurélie Fournier, CLI of Gravelines, France
- **Tourism issues and negative impact on the territory image**, Kris Van Dijck, Mayor of Dessel (Belgium)
- **Worker flow and impact on health structures**, Roger Spautz, Greenpeace Luxemburg
- **Agricultural issues**, Saarland – Ministry for the Environment and Consumer Protection (to be confirmed)

12:15 Second Regional Roundtable (Bulgaria, Greece, Ukraine, Romania) on identification of cross-border resources in nuclear accidental and post-accidental context

Chair: Borislav Sandov, Zelenite

- Natalia Bizhko, Deputy head of division on Emergency Preparedness and Radiation protection, SNRIU, Ukraine
- Konstantinos Karfopoulos, Greek Atomic Energy Commission (EEAE), Greece
- Alben Simeonova, Foundation for Environment and Agriculture (FEA), Bulgaria
- Adi-Maria Simoiu, University of Craiova, Romania

13:15 End of First half day

Second Session- January 19th 2022: Post-accident governance Challenges

Chair: Jérôme Guillevic, IRSN

Post-accident management and post-accident recovery remains an important and complex challenge involving a plurality of actors as well as competing priorities such as health protection, social activities, continuity of economic life, restart of business and trade, priorities regarding waste management, thus integrating radiological protection standards with other priorities (well illustrated by the current COVID situation).

The trend of centralisation that characterises emergency management is not adapted anymore to the post-accident context where various components of society have to enter the decision-making.

The session is intended to provide the participants with a better view of the challenges at stake.

- Topic 1 - Safety conditions at work in contaminated areas, equity and consistency of protection standards between workers and population (in cross-border context)
- Topic 2 - Management of the production and marketing of goods produced in a contaminated area (in cross-border context)

Facilitating the session will be done with the support of IRSN through a specific method based on a **serious Game** that have been developed in the EU R&D project TERRITORIES.

The objective is to identify remaining challenges attached to Post-accident Governance notably in regard to Transparency and in the perspective of improving preparatory provisions and also for the framing of future R&D in the field of post-accident governance.

9:00 Introductory session

- Nadja Zeleznik, chair of Nuclear Transparency Watch
- Jérôme Guillevic, IRSN

9:10 Presentation of the methodology and mechanisms of the working groups session

- Julien Dewoghélaëre, Mutadis

9:30 Working groups session

- The participants will be split in small groups that will work in parallel on Topic 1 or Topic 2. The discussions will be based on concrete situations.

12:00 Conclusive session

- Jérôme Guillevic, IRSN

12:15 End of second half day

Third Session-January 26th 2022: Lessons from the COVID regarding nuclear post-accident challenges

Chair: Michael Hübel, Head of Unit D3, Radiation protection and nuclear safety, DG ENERGY

9:00 Cross analysis nuclear post-accident/ COVID

- **Local feedback from COVID**
 - Gerben Dijksterhuis, GMF's Vicepresident and Mayor of Borsele (Netherlands)
- **Lessons learnt from COVID**
 - Jutta Paulus, Member of European Parliament
- **Some lessons learned from the COVID experience in the perspective of nuclear post-accident challenges**
 - Gilles Heriard-Dubreuil, Mutadis

9:45 Plenary Discussion

10:30 Break

10:45 Final Roundtable- Drawing from the lessons learned from COVID the emerging challenges for EP&R

Chair: Gilles Hériard-Dubreuil, NTW

What is different from past experience ? A new understanding of risks ? To what extent does it change the vision for EP&R ?

- Yvan Pouleur DG ENERGY
- Jan Haverkamp, NTW
- Jerome Guillevic, IRSN
- Robin Gosnard, transboundary group of ANCCLI
- Cristian Iacob DG ECHO
- Sean Morris, Manchester climate protection agency (to be confirmed)

11:45 Plenary Discussion – What are the next steps regarding EP&R for attending stakeholders based on the results of the discussions during these three roundtable sessions?

12:30 Conclusions

- Nadja Zeleznik, chair of Nuclear Transparency Watch
- Michael Hübel, Head of Unit D3, Radiation protection and nuclear safety, DG ENERGY

12:45 End of the Roundtable