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

NERIS WG2: Emergency Preparedness and Stakeholder Participation:

Update on Knowledge Database

Deborah Oughton and Simon French

NERIS Workshop

Oslo 22nd January 2013

Designing and Reporting Stakeholder Workshops and Public Participation:
Proposal for a Building a Knowledge Base

Simon French

University of Warwick

Thierry Schneider and Cyril Croteau

Centre d'étude sur l'Evaluation de la Protection dans le domaine Nucléaire (CEPN)

Deborah Oughton and Yevgeniya Tomkiv

Norwegian University of Life Sciences

Nadia Papamichail

Manchester Business School

First Proposed 2010

Draft 6

WG2 Workshop Oslo, November 2012

NERIS WG2 Meeting - 26-27 November 2012, Oslo (Norway)

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The NERIS WG2 meeting on emergency preparedness and stakeholder participation was held in NRPA, Oslo Norway from 26th till 27h of November 2012.

- Report of NERIS WG2 Meeting
- The Stakeholder Knowledge Databases

Please see hereinafter the program of the meeting and the presentations:

November, 26th

Presentations from NERIS participants on activities related to local stakeholder engagement

1. Belorussian experience in communication with local stakeholders in tackling post-Chernobyl problems – Viktor Averin
2. Local Stakeholder participation in Spain – Eduardo Gallego, Milagros Montero
3. Involvement of pays de Montbéliard Agglomération in the preparedness of emergency situations – Sandra Biguenet
4. About local stakeholder participation in the NERIS Working Group meeting: Norwegian Experience – Inger Margarethe Eikelmann
5. Local stakeholder participation in Slovakia – regional-local cooperation and improvement of local preparedness – Tatiana Duranova
6. Progress of Post-accident preparedness in the French context: the contribution of the Local Commissions of Information (attached to nuclear installation) and their federation (The ANCCLI) – Gilles Heriard-Dubreuil, Yves Lheureux, Valerie Demet

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WG2 Workshop Oslo

- 29 participants
- Sessions on:
  - European national stakeholder experience
  - Fukushima experience – local stakeholder participation
  - Database of stakeholder participation

Fukushima Experience – Presentations focusing on local stakeholder participation

7. Institute for Global Environmental Strategies, IGES, Japan – Governance and Local Resident Communication. Report from Workshop and Public Symposium. Outline and initial findings of the Fukushima Action Research on Effective Decontamination Operation (FAIRDO) in Fukushima – Hiroshi SUZUKI.
8. Feedback from WP3 participation at the FAIRDO meeting, ISAP2012, Yokohama: 8. Gilles Heriard Dubreuil, 8.B. Viktor Averin, Wolfgang Raskob
9. Local Stakeholder participation in Japanese contaminated areas after Fukushima: Impressions from a short visit in the context of the FAIRDO project – Eduardo Gallego
10. Risk Assessment Strategy Group, AIST, Japan. Approaches to Prioritizing Decontamination Strategies on External Radiation Doses in Fukushima – Wataru NAITO, AIST
11. The ICRP Fukushima Dialogue Initiative - Astrid Liland, Deborah Oughton, Thierry Schneider

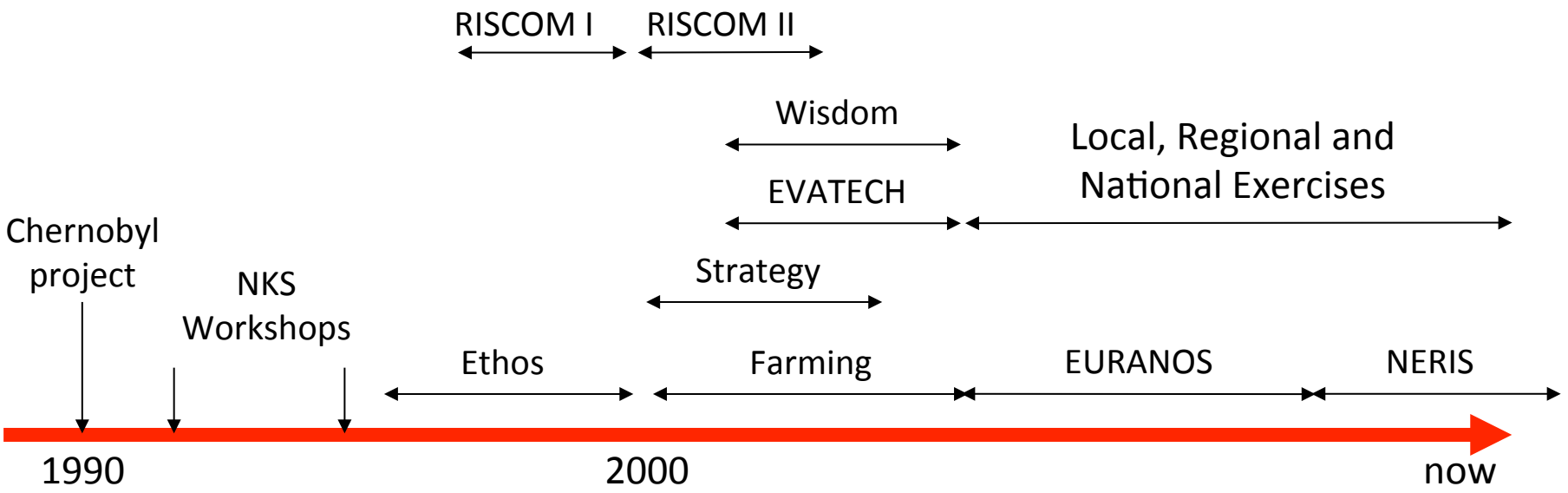
Background

Over the past 20 years there has been a growth in stakeholder and public participation in many areas of societal decision making:

- Environment
- Planning
- Emergency planning, (response) and recovery
- ....

Our community has played a huge role in these developments

Some of our Experiences



Stakeholder Engagement Models in Emergency Preparedness and Accident Management

- **Preparedness Phase**: Exercises, case studies → building network and trust between partners
- **Management Strategies:** Many stakeholder networks were involved in evaluating concrete strategies (EU FARMING, STRATEGY, NERIS, etc projects).
- **Real Situations**: ETHOS in Chernobyl; ICRP co-expertise dialogues in Fukushima; reindeer herder dialogues in Norway, …

What have we learnt?

- Involving stakeholders and the public
  - Builds trust and acceptance
  - Better than 'Decide → Announce → Defend'
  - Is greatly valued by the participants and their peers
  - Produces sound conclusions and results that seem to compare in their validity with more traditional approaches
- But how do we know or demonstrate this?
  - And is all this true/valid?!?
- Still many research questions

Evidence for success of stakeholder involvement and public participation

- **Exit questionnaires with responses such as:**
  - "All felt that having many varied perspectives present … had been useful"
  - "one of the clearest conclusions is the simple value of holding such a workshop to permit the different players to network and gain better understanding of each other"
- **Acceptance of the outcomes**
- **More ideas generated in the divergent phase**
  - … in theory, but little empirical evidence

Academic Justification for Stakeholder Engagement

- **Empowerment** – control/influence over environment and well-being
- **Democratisation** – right to take part in decisions affecting their lives.
- **Efficiency** – stakeholders have important and relevant knowledge
- **Success** – the public has the capacity to halt many projects

From DAD (decide announce defend) to MUM (meet understand modify)

Hansson and Oughton 2013. *The Promises and Pitfalls of Stakeholder Participation*, in Oughton and Hansson (eds) *Societal and Ethical Aspects of Radiation Risk Management.* Elsevier

Some Criticisms of Public Participation Processes

Propaganda with no real influence

They exist "*to legitimise agency decisions, defuse opposition, warn the agency of possible political obstacles and satisfy procedural and legal requirements" (Kraft and Clary, 1993).*

Legitimacy

"*..it is the job of those in power to take decisions necessary for the sound management of waste*." *(UK Government's Select Committee on Science and Technology, 2002)*

Premature public engagement (particularly when expert opinion is highly divided) can be counterproductive.

Designing and Reporting Stakeholder Workshops and Public Participation:
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Important outreach mechanism for NERIS to other partners and other areas of nuclear safety

Background and Explaination Template

Draft 6

Oslo WG2: Breakout discussions

- All groups supported the initiative and there was a consensus on the need to get started, and to provide a template and examples.

- Simple web-server based database, user registration, but knowledge and information should not be data restricted

Database Compostition

- Basic factual information
- General description
- Evaluation according to several criteria
- Other relevant documents and material uploaded as files.

3.2 Suggested items of factual information

Item	Description and notes	Comments sought
Header section		
Title	Short title describing the exercise	
NERIS Reference Number	A unique reference assigned by the NERIS knowledge base	
Event reference as assigned by organising body	Any unique reference number assigned by the body which organised the exercise. *May be blank.*	

Factual Information

- Topic
- Who, how many, how, where…
- Participation instruments and/or approaches
- Facilites used
- Chronology and dates of exercise
- Costs, staff, resources, …

General description

- Context: geographical, technical, economic, political and social contexts, political governance structures; main players and stakeholders; …
- Aims and deliverables
- Process: how was the process decided upon, and why
- Outcomes (factual rather than evaluative): Where the results of the exercise were sent and what happened subsequently. Who, in fact, took part: not just who was invited., …

Evaluation Criteria

- Information sharing: e.g., channels of communication, has it been one or two-way and, if two-way, a genuine dialogue?
- Democratic Ideals: e.g. transparency, accountability, representativeness
- Community cohesion: e.g., trust building, stakeholder and/or political acceptability
- Practicability: costs, timescale, frequency
- Decision quality: framing, structure

Test with Case Studies

- Norwegian EURANOS (CAT3) Strategy Stakeholder Dialogues
- ICRP Fukushima Dialogues

Proposed next steps

- Distribution of final draft for NERIS WG2 comments
- Create knowledge base
  - with due account being taken of information and data protection laws.
- Populate it!
  - E.g. one entry from each NERIS member, then all new exercises,

WG2 Future Work

- Meeting 1730-1800 Thursday 23rd
- Finalising the knowledge database
- Revision of objectives
- Future activities, workshops, etc.

! OPEN TO ALL INTERESTED !