

# Emergency Preparedness & Response (EP&R): The methodology of work

Meeting of NTW EP&R Working Group  
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Brussels, Belgium

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# Objectives of WG

- *Identify key stakeholders regarding nuclear EP&R from the point of view of civil society,*
- *Identify main needs for improvements of existing EP&R provisions in Europe at the local, national and European level:*
  - concerning the content of EP&R arrangements (exposure standards, intervention levels, zoning, etc.),
  - concerning the decision-making processes for EP&R in the perspective of the Aarhus convention.
  - Identify strategic opportunities to push forward key changes in EP&R at the local, national and European level.

# Initial seminar, February 2014

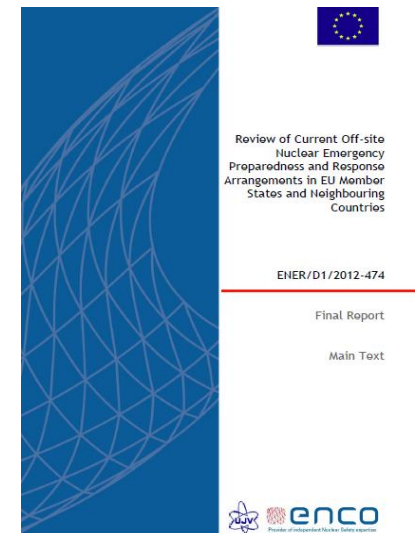
## ■ Areas:

- Monitoring feasibilities for response
- Communication and notification problems
- EP&R at local municipalities level and problems
- Technical arrangements for EP&R challenges
- Exercises and drills – lessons not included in the improvement
- Medical support limitations
- Problems with trans-boundary arrangements
- QA/QC (maintaining the plans, or new plans):

# EC study (ENCO)

DG ENER commissioned in 2013 a study: “**Review of current off-site nuclear emergency preparedness and response arrangements in EU member states and neighbouring countries**”.

- **Assess the status of the existing arrangements and capabilities** for off-site emergency preparedness and response (EP&R) within and between the EU Member States (MS) and neighbouring countries in respect of their coherence and completeness;
- **Identify best practices, gaps and inconsistencies**, in particular related with cross border arrangements;
- **Assess how current arrangements and capabilities could be made more effective** (in particular optimized to make better use of available resources and avoid duplication, both nationally and across borders); and
- **Make recommendations on potential areas for improvement.**



# Checking results of ENCO study on EP&R

- **The study is based on the top level desk office work** complying, analysing and comparing governance structures, and legal, technical and organisational procedures regarding EP&R, however not how - if at all - are those provisions and procedures actually implemented in practice.
- **Key findings of the ENCO Study:**
  - Current arrangements and capabilities for off -site nuclear emergency management are **broadly compliant with European legislative requirements** and (non-binding) international requirements
  - A number of gaps or inconsistencies exists: The most significant is **a general lack of strategies and arrangements for long term protective measures and return to normality following an emergency**; and coherence in cross border arrangements
  - MS are taken different approaches to technical implementation – that might be technically adequate and justified however **undermines public confidence**
  - There are opportunities for greater **sharring of resources and capacities** on EU&R among MS, however greater benefits can results from **integrating arrangements for nuclear emergency with those for other type of emergency**, at all levels, including within the EC itself.

# [ The focus of investigation ]

- Inclusion of Civil Society Organizations (CSO) in EP&R plans and exercises,
- Checking the implementation of national and trans-boundary provision on EP&R,
- Setting the regulatory framework and harmonisation,
- Improvement of information for public.

For this purpose the investigations will include national research on how well the EP&R is organised within the country by taking into account besides the paper arrangements also the information from the field, the round tables' discussion organised at national or trans-boundary level, and comparison of the results with the findings from "DG ENER" study.

# Questionnaire on EP&R provisions from a (practical) perspective of civil society

NTW WG on EP&R will check the relevance of the results of the study by comparing actual state of the art of the off-site EP&R based on the questionnaire targeting also implementations of EP&R provisions with the findings of the ENCO study

1. Which **stakeholders** should be **included in off-site nuclear EP&R activities** in your country?
2. What are the provisions regarding **inclusion of civil society** (local initiatives, NGOs) and/or local communities in EP&R activities?
3. At what stage - if at all - are the **initiatives of local communities and/or NGOs included** in EP&R activities?
4. Are the local communities and/or civil society engaged in **cross-border EP&R activities**?
5. How do you assess provision of **sheltering** in off-site EP&R plans in your country?
6. How (and by whom) are the stocks of **stable iodine pills** planned in your country?

# Questionnaire on EP&R provisions from a (practical) perspective of civil society

8. How do you assess provisions for evacuation plans in case of nuclear accidents in your country?
9. there a clear strategy regarding **decontamination** in your country?
9. How are EP&R plans in your country addressing the issue of **relocation**?
10. Have those plans been **updated after the accident in Fukushima** or are they at least planned to be updated?
11. What **major changes** have been made or are planned to be undertaken?
12. How are **food and drinking water restrictions** managed under EP&R plans at national level?
13. Are there in EP&R plans clear criteria under what circumstances people will be allowed to **return** (to their homes) **from evacuation or relocation**?
14. How people in emergency protection zone are to be **informed on EP&R activities**?



# Questionnaire on EP&R provisions from a (practical) perspective of civil society

15. How (by which media) and by whom the people in the emergency planning zone **will be informed of a nuclear accident** in the nearby NPP? How and by **whom the general public will be informed** of a nuclear accident?
16. Would the **information** on the level of exposure to radiation, sheltering measures and evacuation activities **provided by authorities be considered as reliable, sufficient and trusted** by the people?
17. Are there in your country enough calibrated measurement devices to assure an adequate **measurement of levels of radiation** in case of severe nuclear accident?
18. Which **civil society organization(s) and/or independent experts and/or institute(s)** have a potential to provide **trustworthy, credible and effective information** on EP&R in the case of a severe accident in a NPP in your country?

# Round tables

Event	Date	Place	Organisers	Countries involved	Expected outcome
<i>RT on EP&amp;R of NPP Cattenom</i>	May 17 2014	Schengen (Lux)	Greens Fichtelgebirge, CI Cattenom non merci, Greenpeace Luxemburg	B, Lux, F, Germany	Suggestions for improvement of EP&R for NPP Cattenom
<i>RT on EP&amp;R on Eastern Balkans</i>	June 20 2014	Sofia (Bg)	Zelenite, Fundation for Environment and Agriculture	Bg, Srb, MN, Ro, FYRM	Overview of EP&R in involved countries
<i>RT on EP&amp;R in France</i>	September or October 2014	?	ANCLLI and HCTSIN	Fr	Recommendations for improvement of EP&R in France
<i>RT on EP&amp;R of NPP Temelin</i>	September 27 or October 4 or 11	Temelin?	Greens Fichtelgebirge, Greenpeace Czech Rep.c?	Cz, Svk?, A?	Recommendations for improvement of EP&R for NPP Temelin
<i>RT on EP&amp;R cross border aspects of NPP Krško</i>	October 2014	Krško or Brežice	REC Slovenia, CI Krško-Brežice, Focus, Zelena Akcija	Slo, Cro, A	Recommendations for improved cross border cooperation on EP&R for NPP Krško
<i>RT on EP&amp;R in Ukraine</i>	October	Kiev ?	Mama 86	U, Pol, Hu?	Overview of EP&R in Ukraine with suggestions for improvements

# [ Report ]

- Introduction,
- Results of NTW investigations:
  - analyses of investigation, interviews, seminars,
  - results from questionnaire,
  - comparison of the EC study - examining the reality of EP&R by national investigations with involvement of responsible and affected people (experts, fire brigades, mayors, local population, NGOs, citizens, etc.),
- Outcomes from the Round tables,
- Suggestions and recommendations,
- Conclusions

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# THANK YOU FOR YOUR ATTENTION!

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