

17th EAN Workshop

Introduction to Working Groups

“ALARA in Emergency Exposure Situations”

Lisbon, Portugal 15-17 May 2017

Working Group Topics

1 - Can the ALARA principle fully apply in Emergency Exposure Situations for the members of the public

room: Aquarium (downstairs)

2 - Can the ALARA principle fully apply in Emergency Exposure Situations for the occupationally involved individuals?

room: Auditorium

3 - Predict the unpredictable!?! How to ensure that emergency plans are optimal from a radiation protection point of view?

3a- Physics building

3b- Reactor building

Working Group Timetable

- Monday: ~ 16:00 - ~ 17:30 (after coffee break)
 - Round table, Introductions
 - (Very) Preliminary discussions (night thoughts)
- Tuesday: ~ 14:00 – ~ 17:00 (including coffee break)
 - Discussions
 - Preparation of recommendations (®PowerPoint)
 - Brief meeting with WG facilitators
- Wednesday
 - 9:00 - 10:20 WG report back (<20'/group)
 - 11:00-12:00 Workshop conclusions (J.Morgan & P. Crouail)

Working Group Functioning

- Representatives from each group
 - Facilitator
 - Rapporteur (to be decided by the Groups)
- Topics
 - Questions are provided – to get you started
 - Do not limit yourselves!
- Recommendations (**3 - 4 per group**)
 - By end of Day 2 – copy to Julie and Pascal
 - PowerPoint (**few** slides)
 - Recommendations (+ to whom?)

Working Group Facilitators

1: Mrs. Catrinel Turcanu

2: Mrs. Ciara McMahon

3a: Mrs. Tatiana Duranova

3b: Mr. Eduardo Gallego

Workshop Objectives (1)

- To show, in particular from the experience of Fukushima accident, the **challenges posed by the optimisation of exposures** in emergency and post-accident situations
- To review the **national arrangements for assessing, monitoring and mitigating the radiological consequences** of an emergency, especially with regard to applying the ALARA principle to public and occupational exposures

Workshop Objectives (2)

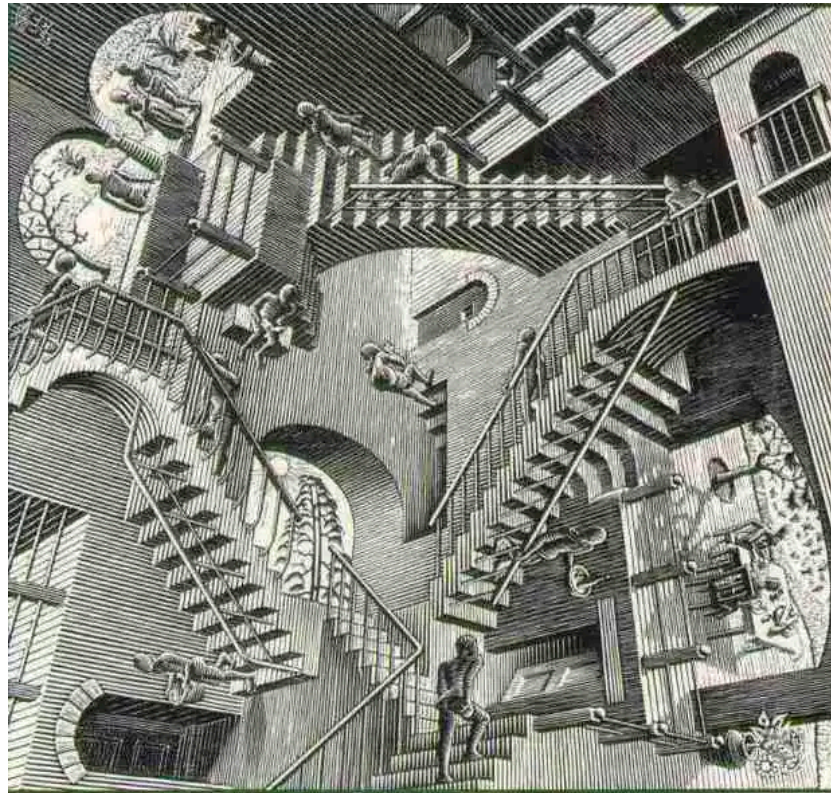
- To review the arrangements for managing **emergency doses to workers**
- To review the **arrangements for providing ALARA-based training for the different types of stakeholders** who would be engaged in the emergency response and long-term recovery actions.

Some personal thoughts...

- Is RP doing (always) more good than harm? (need to revisit elements of the protection strategies highlighting justification principle, ethical issues, societal context and affected people's preferences, uncertainties, reasonableness and practicality?)
- How to reduce uncertainty in dose predictions and measurements in order to regain the lost public confidence?
- After a radiological event, what level of protection could be expected? ALARA, ALAP or "ALABA"*? Who decide (role of stakeholders)?
- What are the possible perverse effects of the use of reference levels and particularly derived reference levels (PA zoning)?
- How to include non radiological issues in the optimisation process?
- How to increase the radiological protection culture in "peacetime"?
- Unsolved issues (eg non food management, criteria for the lifting of protecting actions)

Some personal thoughts...

Request of the affected people:
Help us find and go the right way!



M.C. Escher (1888-1972)