Introduction to Working Groups

“ALARA in Emergency Exposure Situations”
Lisbon, Portugal 15-17 May 2017

http://www.eu-alara.net/
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 the 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)