

Preparation of second CONCERT Call priorities: NERIS proposal

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Countermeasure strategies preparedness for emergency and recovery situations

- Already addressed in past Framework Programmes (FARMING, SAGE, EURANOS, NERIS TP, PREPARE)
- The accident in Fukushima highlighted however the need for further work in this area.

• Challenge

- Radiological and societal aspects related to vulnerabilities and resilience capabilities of a territory
- Definition of appropriate strategies at different levels ranging from local to the national and European level
- Optimisation of management measures to ensure that parameters governing the radiological consequences can be identified in time.

- Challenge for further development on:
 - Impact assessment capabilities such as adequate monitoring and modelling techniques
 - Societal dimension of countermeasures
 - Decision making processes for the selection of the “optimal” strategies.

- Focus on one or more of the following elements:
 - In-depth analyses of the implementation of management strategies in the emergency and/or recovery phase of the Fukushima nuclear event;
 - Investigation of local differences and how they can be reflected in the countermeasure simulation models;
 - Development of novel and adequate tools (including monitoring and modelling tools) for assisting countermeasure emergency and/or recovery strategies;
 - Improvement of the decision making tools and/or processes.

Thank you for your attention

Details on NERIS SRA: <http://www.eu-neris.net/>

