

- *RRADEW Consortium workshop*
- *24-25th of March 2025*
- *Lisbon, Portugal*



WP4 - Strategies for building resilience

Led by NMBU, all partners involved



Co-funded by
the European Union

The aim of WP4:

Use scenario-based methods to help **identify different resilience-building strategies**, which will be assessed through a multi-criteria decision analysis (MCDA) exercise.

Adapt existing EPR&R **training courses** to situations of armed conflict or disaster

Develop recommendations for improving global resilience to future nuclear or radiological (N/R) emergencies in the context of disasters related to war and armed conflict or disaster.





Task 4.1. Scenario exercises M20-M29

Led by KIT/SCK CEN, with involvement of IRSN, CIEMAT, UKHSA, APA

Combine the "technical" scenarios (WP1), the resilience attributes (WP2), and the societal impacts (WP3) to **identify** different decision configurations and to design and **define** a set of **strategies, optimising protection and minimising the negative consequences** on physical and mental health and social well-being, taking into account all risks involved.

The platform developed in WP2, including simulations, optimisation and a MCDA tool, will be used to explore, with relevant experts, the **strategies that contribute most to strengthening resilience**

17:00 – 17:30	Discussions on the development of exercises and serious game <i>Auditorium</i>	Moderator: Yevgeniya Tomkiv (NMBU)
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Task 4.2. Design of training courses for first responders and decision makers M8-M29



Led by ISP/NPP/ENSOSP, with involvement of NMBU, USB, SCK CEN, CEPN, KIT, IRSN

ST4.2.1. Description of training needs of **operational responders** (firefighters, military, medical personnel, etc.) based on modules currently provided by the French Firefighter Academy in collaboration with the Upper Alsace University (ENSOSP) ➡ **Presentation by ENSOSP**

ST4.2.2. Adaptation and development of scenarios, technical frameworks and analysis platforms for training courses and demonstration exercises for **modellers and decision-makers** (SCK CEN, KIT)

ST4.2.3. Updating material for ongoing national and international **radiation protection and emergency and recovery preparedness courses** (NMBU, SCK CEN, CEPN)

Task 4.2. Design of training courses for first responders and decision makers M8-M29



Lead by ISPNPP/ENSOSP, with involvement of NMBU, USB, SCK CEN, CEPN, KIT, IRSN

- ST4.2.4. Adaptation of **scenario matrix material for a serious game** (IRSN);
- ST4.2.5. Design of **training for international experts** involved in national response to nuclear emergency situations - description of necessary communication and involvement strategies (ISPNPP);
- ST4.2.6. Design and planning of **materials for establishing a state-of-the-art training centre** in Chornobyl, that will leverage the expertise and experience of survivors who faced the capture of the site and its occupation in 2022. It will offer extensive opportunities for hands-on and realistic role-playing activities (ISPNPP).

17:00 – 17:30	Discussions on the development of exercises and serious game <i>Auditorium</i>	Moderator: Yevgeniya Tomkiv (NMBU)
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Task 4.3. Recommendations M25-M30

Led by NMBU, all partners involved

Develop a set of recommendations for extending existing emergency preparedness guidelines to war and armed conflicts situations

Elaborate generic stand-alone recommendations for threat, conflict, and post-conflict phases

Organise international stakeholder workshop to discuss draft recommendations

