Enhancing Synergies for disaster PRevention in the EurOpean Union

WP3 Development of hazard specific scenarios for RMS

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What has been done

Aims of WP3

- To develop reference emergency management scenarios related to the considered hazards and their implications for the three ESPREssO challenges.

- Review and implement the existing Risk Management Simulator (RMS) tool, developed in previous FP7 projects for use in WP1.

D3.1 "Reference scenarios according to the project challenges" – Submitted 12.2017.

The **R**isk **A**ssessment **M**odel **S**imulation for **E**mergency **T**raining **E**xercise (**RAMSETE**) tool has been employed three times:

- Berlin Challenge 1
- Zurich Challenge 3
- Naples Challenge 2

The RAMSETE Exercises

- Original plan was for 'realistic' reference scenrios, e.g., Storm Lothar, Campi Flegrei, but this changed (obviously).

- The SENSUM game was to be the basis, but we soon found this was not really appropriate for what we needed.

- Issue of the purpose of the game. Was it 'a warm up' for the afternoon sessions or an intrinsic part of gaining answers to our questions.

- Went from very much not just being a warm up to the warm up suspect becoming more prominent (I think).

- Has certainly been a learning process.

The RAMSETE Exercises

- If we consider the reaction of the participants to the exercises, which was generally quite positive, then these 'game' sessions in the think tanks have been very successful.

- GFZ has included it in an EC ECHO proposal.

- DKKV possibly including it in a summer school next year.

WHAT NEXT?

T3.1 Development of hazard specific reference scenarios according to the project challenges

T3.2 Review and implementation of existing methodologies for scenario development and stakeholders knowledge elicitation

T3.3 Compilation of a scenario design toolbox

Deliverables

Task 3.2 'Review and implementation of existing methodologies for scenario development and stakeholders knowledge elictation'

- Deliverable 3.1 'Report on existing methodologies for scenario development and stakeholder knowledge elicitation'
- Due Month 24, GFZ.
- Will employ the three 'instruction' documents we produce, and the writeups of our notes.

Task 3.3 'Compilation of scenario design toolbox'

- Deliverable 3.2 'Scenario design toolbox'
- Due Month 28, GFZ.
- General set of guidelines for how the game works, and links to the repositories we will place the think tank materials.

Papers

There have been some papers started (Laura, Jaime, Kevin) but question of how many and how to divide them.

There is underway (GFZ lead but all will be asked to join in) the JRC "Science for Disaster Risk Management 2020 – Acting today, Protecting tomorrow" report.
- An abstract was submitted about the game.
- Need to submit by April 30th a case study.