



IN-PREP

“An INtegrated next generation PREParedness programme for improving effective inter-organisational response capacity in complex environments of disasters and causes of crises”

D1.7 CP Forces, Assets and Tools Engagement Plan (Intermediate)



Document Summary Information

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Executive Summary

IN-PREP's overarching goal is to support collaborative response planning and training for transboundary disasters and causes of crises. To do so, IN-PREP delivers the Mixed Reality Preparedness Platform and a Handbook that supports Preparedness that allow civil protection agencies to: 1. Make/enter a plan; 2. Create a scenario; 3. Define criteria to test; 4. Play (train); 5. Score, assess and 6. Adapt.

All above are realized thanks to the IN-PREP tools, namely:

1. The Scenario Builder (SB) for dynamically creating, editing, storing and executing training scenarios;
2. The Modelling tools for risk and impact assessments which enhance the dynamicity and realism of the training session and further to that facilitate collaborative response planning process;
3. The Training Platform for sharing the operational picture to decision makers and merging response plans whilst evaluating achievement of training objectives;
4. The C2s that allow insertion of individual response plans and support operational and tactical management during a training session;
5. The Recommendations Engine that supports decision-making in the form of notifications (the latter visualized in the Training Platform);
6. The Communication Modules (i.e. Emergency Management Content Router and Data Distribution Module) which interconnect all above sub-systems.

Other than the tools developed by the consortium and the user teams of the relevant project partners, IN-PREP works towards facilitating interconnection of external tools and services in the context of response training and planning as well as seeks to engage external practitioners and CP teams, not only for maximizing the impacts of the solutions developed but to prove interoperability and inclusiveness.

As such, IN-PREP project will finance micro-projects in order to incorporate innovative technologies from promising suppliers (as sub-contractors) mainly by using the technology watch process and also the exercise-specific planning procedures. Via such instruments, a number of external to Consortium entities will be selected that will carry out pre-specified funded micro-projects liaising with the IN-PREP platform and the Training programme. Such framework is strongly coupled with the work conducted within the project and the agile development process is followed. In other words, the defined developments of above mentioned tools, the technology watch inventory and the exercise specific planning are mixed and matched towards identifying gaps and as such enriching the IN-PREP MRPP functionalities (i.e. interfaced tools or services, e.g. a modelling capability) or the training programme capabilities (i.e. a user related function, e.g. evaluation, training domain-expertise. etc.).

These micro-projects will allow technologies and applications that were either unavailable or not mature at the time of proposal preparation (or even early stages of project development) to become incorporated within the IN-PREP project (liaised with either the MRPP, the Handbook or the Training Programme/Exercises), by putting emphasis also on alignment with the project's vision, objectives, targeted outcomes and planning, while selecting and engaging the most promising technology suppliers, (the focus here lies on the incorporation of sensor enabled information – novel sensors of any type or sensor networks, acquisition of satellite data, modelling capabilities etc. – as input to the MRPP) for the pilot activities. The technology watch will facilitate and realise innovation take-up throughout the project. The administrative procedures have been defined with the aim to ensure transparency, fairness, excellence while optimising the cost-to-benefit ration. On both the technical and end-user domains, specific proposals for additional technical components and end-user modules/teams/tools (e.g. EUCP registered modules, Training teams, Command and Control centres) to be integrated within MRPP (and respective new stakeholders from the end user community) will be made in alignment to the exercise specific planning (T7.1), the preparatory pilot activities (T7.3 or T7.4) and the factory integration process (T6.3), for the corresponding Exercises or Demonstrations.

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