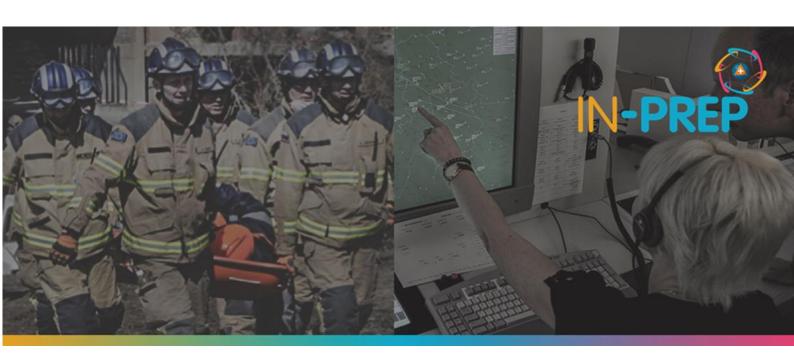


"An INtegrated next generation PREParedness programme for improving effective inter-organisational response capacity in complex environments of disasters and causes of crises"

D4.1 Scenario tool design



Document Summary Information

Grant Agreement No	740627	Acronym	IN-PREP
Full Title	An Integrated next generation preparedness programme for improving effective interorganisational response capacity in complex environments of disasters and causes of crises		
Start Date	01/09/ 2017	Duration	36 months
Project URL	https://www.in-prep.eu/		
Deliverable	D4.1 - Scenario tool design		
Work Package	WP4 - IN-PREP Scenario Building		
Contractual due date	08.03.2019 (revision)	Actual submission	on 11.03.2019 (revision)
Nature	R (Report)	Dissemination Leve	CO (Confidential)
Lead Beneficiary	STWS		
Responsible Author(s)	Leonidas Perlepes (STWS), Antonis Kostaridis (STWS), Aggelos Aggelis (STWS), Lefteris Voumvourakis (STWS)		
Contributions from	Panagiotis Efthimiou (EXUS), Lavinia Cadar (CPLAN), Marcello Marzoli (CNVVF), Pia Nottebaum (DHPol), Cian O'Brien (HSE), Mark Roberts (PSNI), Luis Sousa (AIR), Grigoleit Sonja (FhG), Romain Charbit (DXT), Lazaros Filippidis (UoG), Fabrizio Ferrucci (IESC), Rozemarijn Veneman (SRIJ), Fay Misichroni (ICCS), Evangelos Sdongos (ICCS)		

Executive Summary

Natural and manmade disasters are becoming more frequent, increasing in severity and affecting more people than ever before. The reasons vary but include climate change, population growth and urbanisation. As such, developing the tools, processes and best practices to tackle with natural and manmade disasters more effectively has become an urgent priority around the globe. To do so, disaster managers or responders require adequate technology, tools and practices aiding them to systematically manage heterogeneous information from various sources and efficiently collaborate for effectively assisting those in need.

Prior to civil protection organisations improving their crisis management capabilities with new tools and services they must obtain a clear idea of the problems they are trying to solve and as such upgrade their processes and practises. The project acknowledges the challenges for transboundary collaboration in response planning, efficient resource management and most importantly lack of interoperability in regards to data sharing and connecting people and diverse processes.

Before responding effectively, crisis managers and actors across chain of command must be prepared. To do so, collaborative response planning and realistic training are powerful tools for improving understanding and enhancing synergies to cope with the unexpected. In this direction, IN-PREP equips the civil protection agencies with integrated tools and services to support transboundary crisis management, systematic training and to interlink a wide range of stakeholders strengthening transboundary collaboration.

The work presented in this document addresses a core component to the above scope, namely the Scenario Building Tools. It is a suite of tools built around scenario editing and execution capabilities to allow civil protection actors of all disciplines to create multiple hazard scenarios and as such enhance their training boosting realism and collaboration. The Scenario Building Tool is operated by Trainers or Crisis Managers that need no more to rely on static scenarios as the tool allows dynamic design and iteration of training sessions in real-time. In addition, the tool interconnects with modelling and simulation platforms facilitating as such freedom with respect to scenario variables. The scenario script is digitised and can be adapted, re-played and evaluated. Furthermore, the script is loaded and executed to the IN-PREP Training Platform and the Command, Control and Coordination Systems shared instantly with the Trainees, the later experiencing an improved training session which according to the script timeline expects for their response actions.

Disclaimer

The content of the publication herein is the sole responsibility of the publishers and it does not necessarily represent the views expressed by the European Commission or its services.

While the information contained in the documents is believed to be accurate, the authors(s) or any other participant in the IN-PREP consortium make no warranty of any kind with regard to this material including, but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Neither the IN-PREP Consortium nor any of its members, their officers, employees or agents shall be responsible or liable in negligence or otherwise howsoever in respect of any inaccuracy or omission herein.

Without derogating from the generality of the foregoing neither the IN-PREP Consortium nor any of its members, their officers, employees or agents shall be liable for any direct or indirect or consequential loss or damage caused by or arising from any information advice or inaccuracy or omission herein.

Copyright message

©IN-PREP Consortium, 2017-2020. This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both. Reproduction is authorised provided the source is acknowledged.