



IN-PREP

Project Introduction

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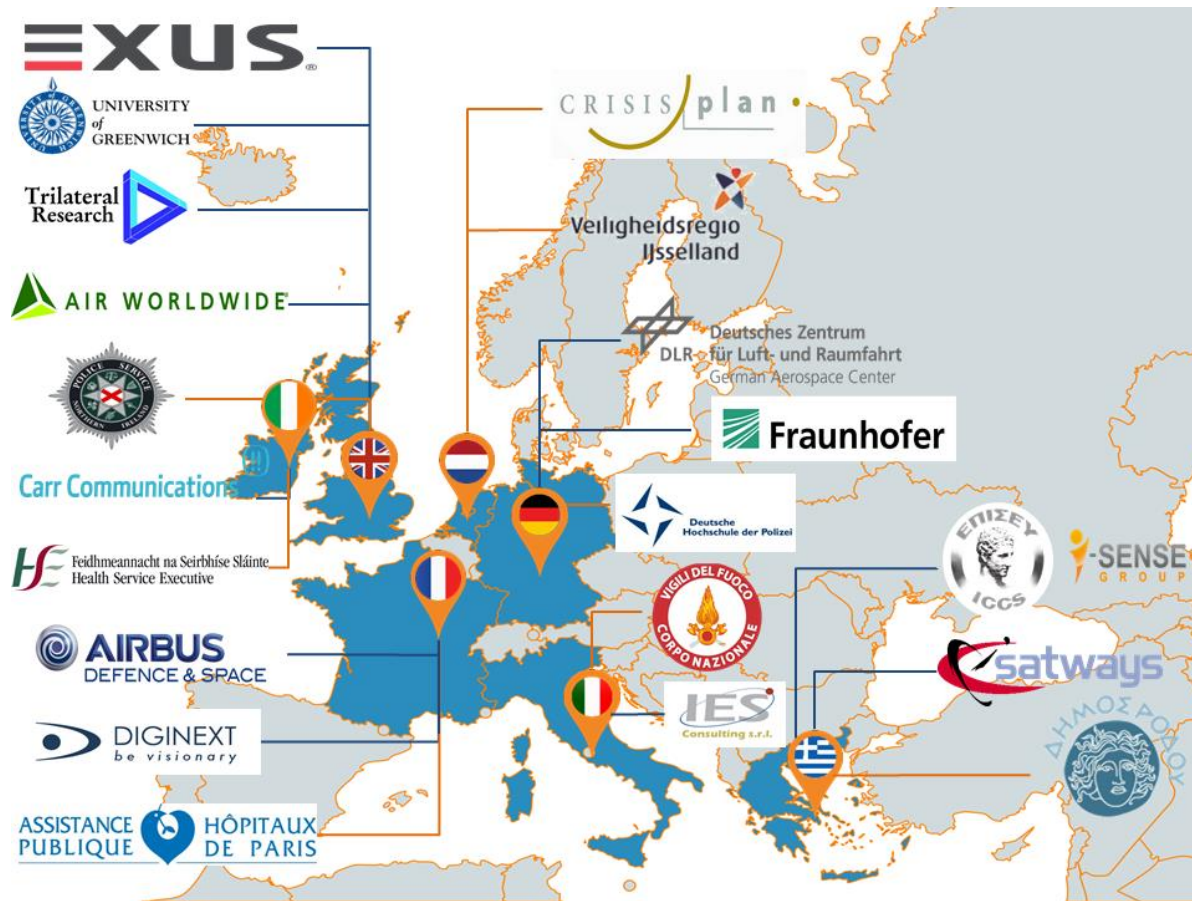
Institute of Communication & Computer Systems



Presentation Contents

- 1 IN-PREP Facts & Figures and Challenges/Motivation
- 2 IN-PREP Objectives
- 3 IN-PREP Outcomes (Technology and Policy)
- 4 IN-PREP Implementation

IN-PREP Fact & Figures



SEC-01-DRS-2016: *Integrated tools for response planning and scenario building (IA)*

Total Funding: € 9,580,781.25

EC Requested Funding: € 7,999,556.25

Training Programme: *3 Exercises & 3 DEMOs*

Consortium: *20 partners from 7 MS (7 end users, 6 SMEs and 3 Industries, 3 RTOs and 1 UNI)*

Challenge & Motivation

- Not sufficient links in existence among actors in disaster risk management (incl. **preparedness** & **response**)
- Response planning and the building of realistic multidisciplinary scenarios must be improved (TRAINING → OPTIMISE RESPONSE)
- IN-PREP identified 3 principal needs (for MS' crisis management practitioners):
 - › Shared response planning (across borders and agencies)
 - › Real-time information sharing
 - › Shared coordination of assets and resources



EU Civil Protection exercise in Austria: rescue teams looking for survivors of the disaster. © European Union/ECHO/Oerk

IN-PREP at a glance



A search team managed to rescue an earthquake survivor who needs to be brought to hospital immediately (exercise in Bulgaria). © European Union/ECHO

Practitioners (civil protection, fire brigades, emergency medical services and police services)
to be trained and validated IN-PREP

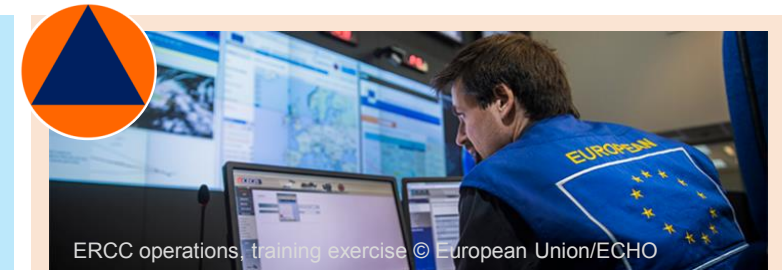
Technology providers (IS, SA, C2, Simulation/Training Tools)
Liaise with IN-PREP (new business opportunities for IN-PREP partners)



EU Crisis Management Projects (e.g. HEIMDALL, DRIVER, DARWIN, etc.)
to exchange knowledge and interface with IN-PREP



The general public (citizens, volunteers, special groups)
to be aware and benefit from IN-PREP



ERCC operations, training exercise © European Union/ECHO

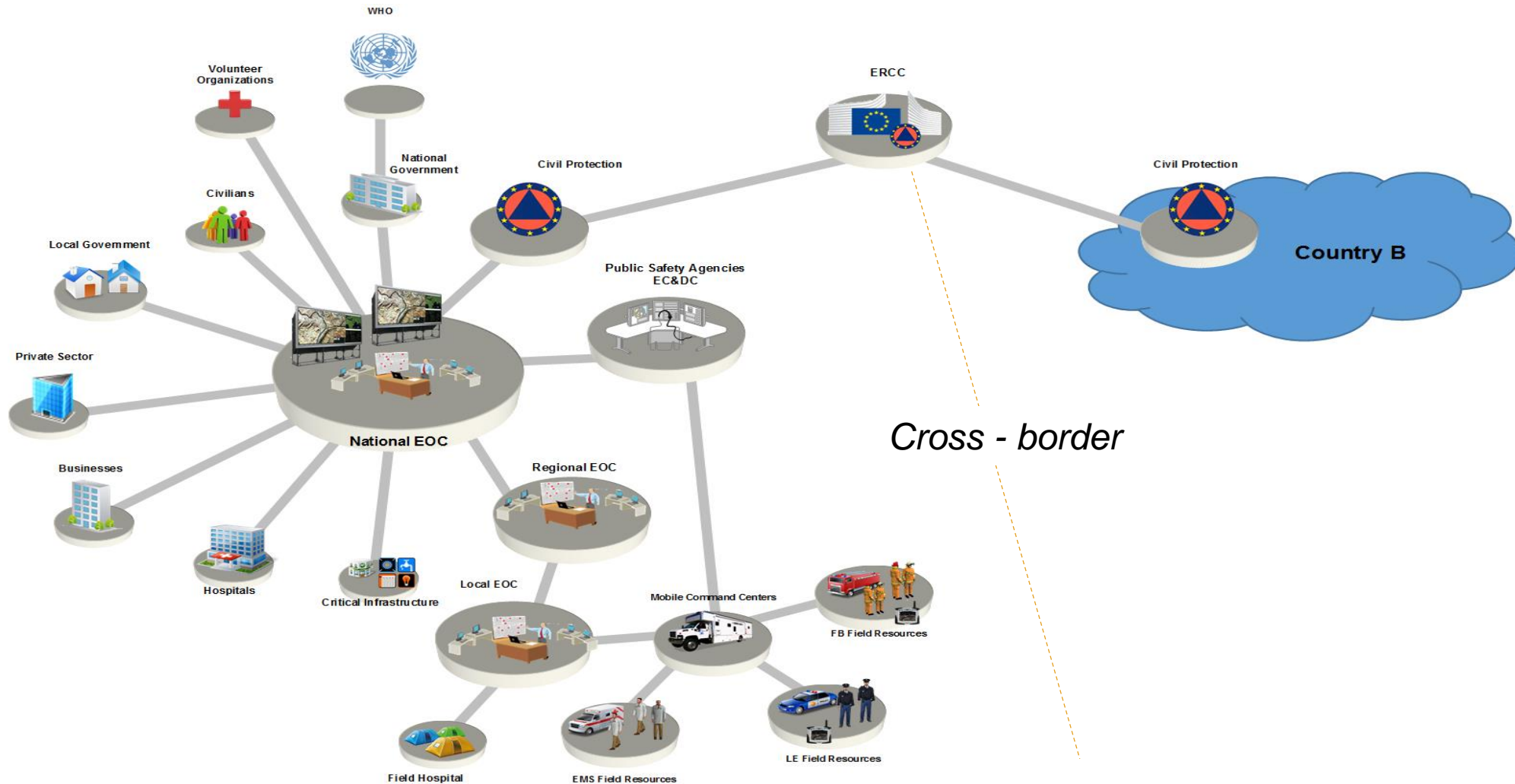
EU (ERCC, ECHO, JRC, CoU) & **MS Ministries** (Ministry of Interior, public order, civil protection)
to update policy framework and buy IN-PREP

IN-PREP at a glance

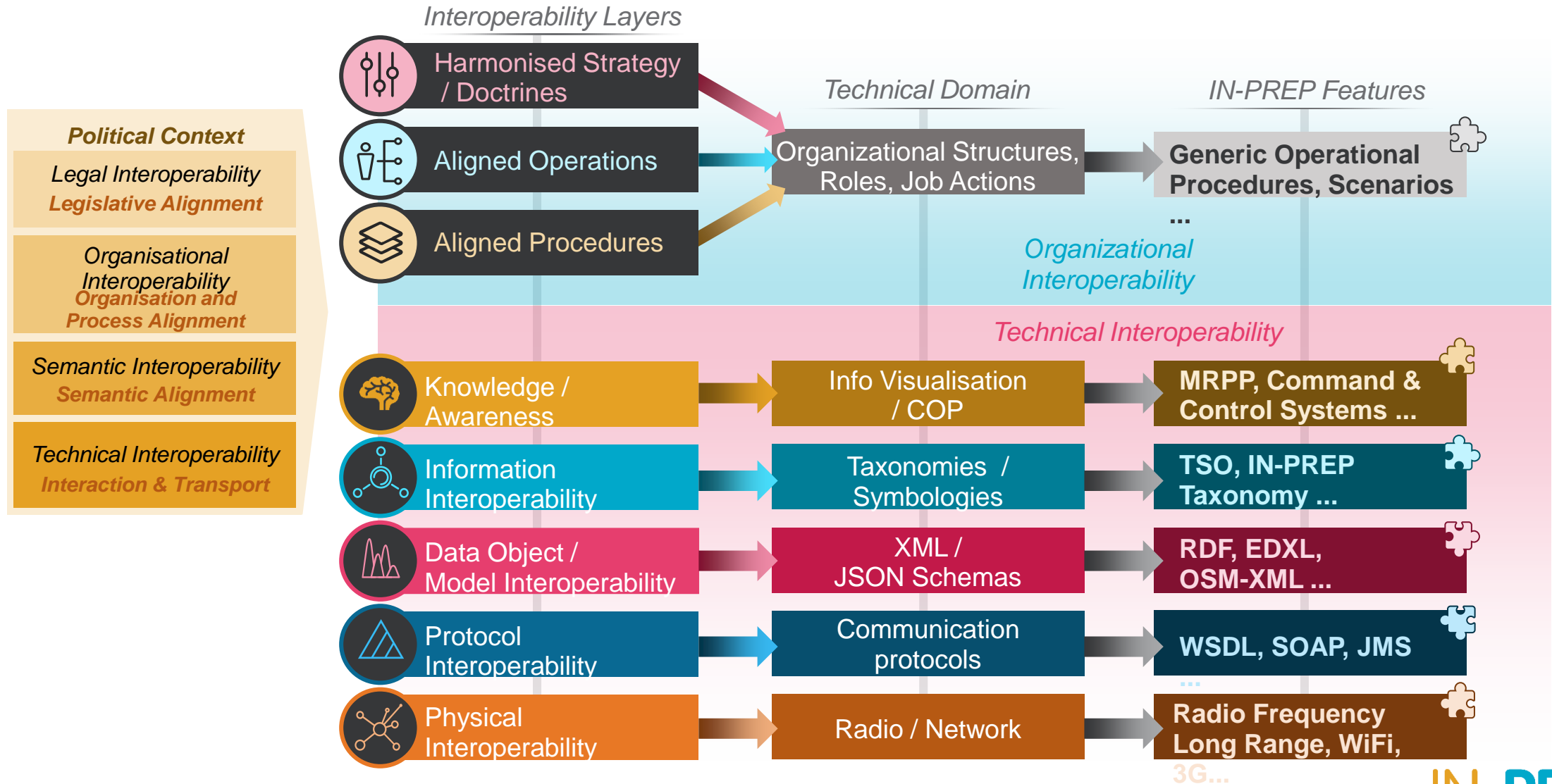


- Integrate **technology** and upgrade **operational procedures** in support of an effective EU-coordinated response to transboundary crises
 - › **Training platform** (technology-side) & **Handbook of Operations** (organisational/ policy-side)
 - › The proposed framework will not only improve preparedness and planning but can be also applied *during joint interventions*, thus improving the joint capacity to respond.

Diverse CP Organizations

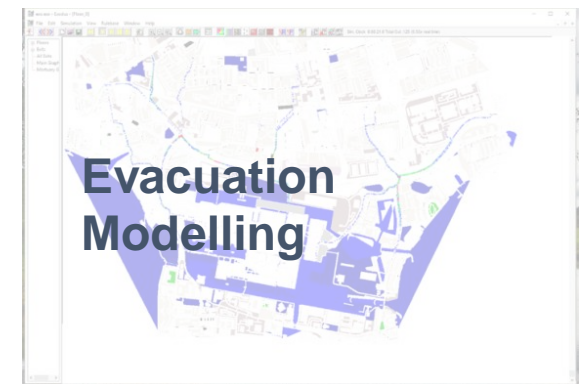
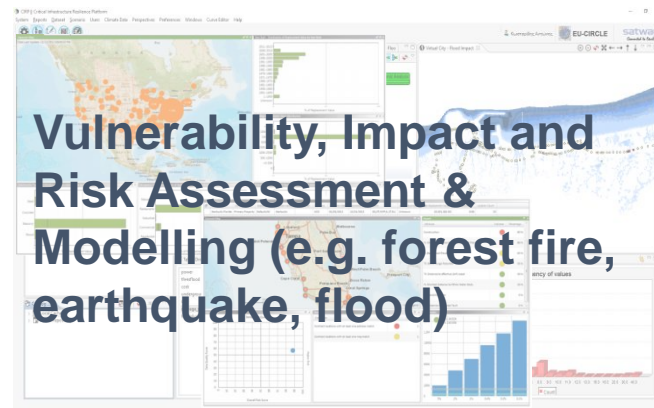
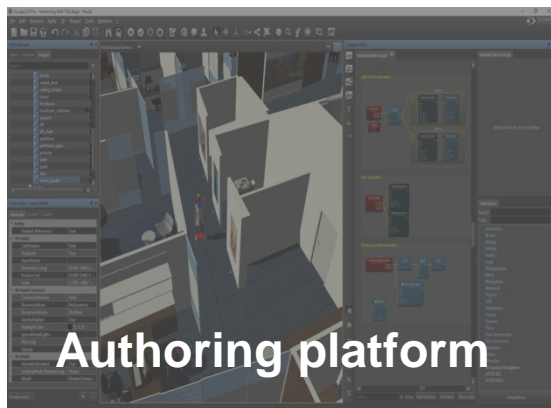
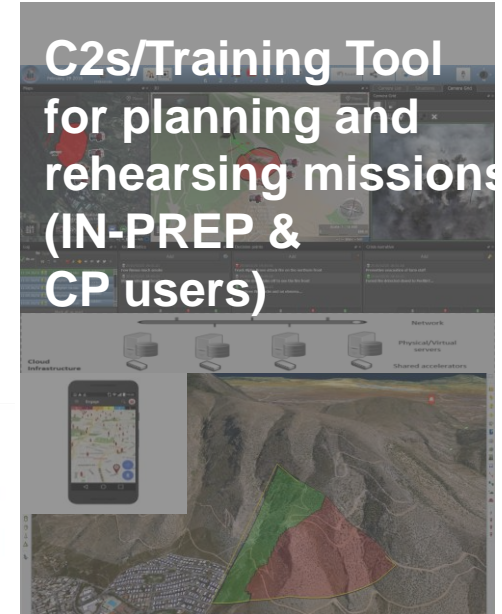
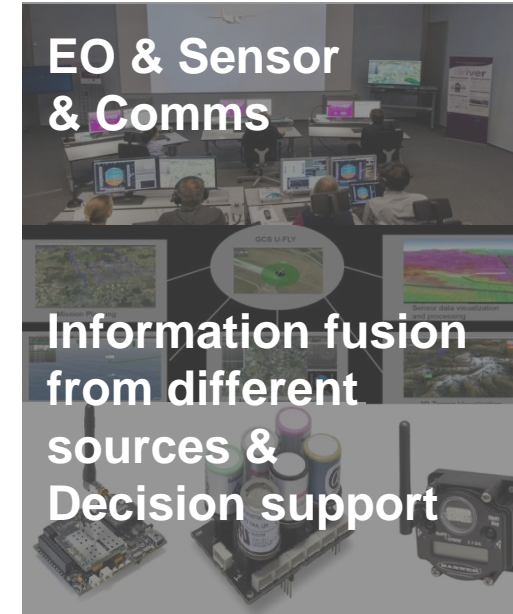
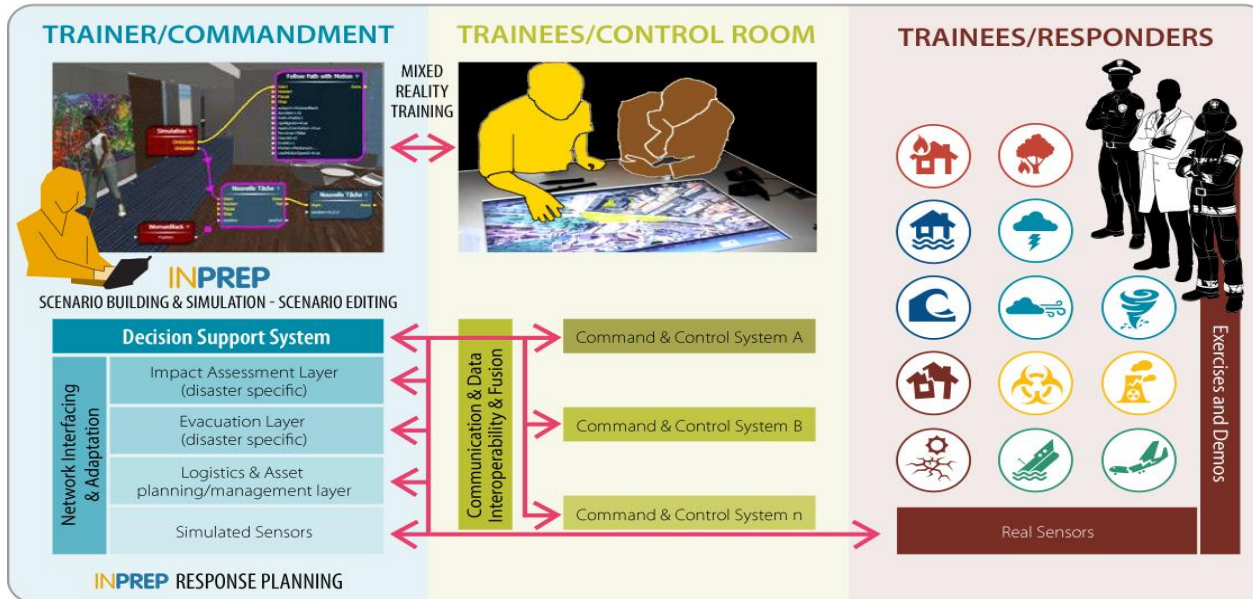


Interoperability



IN-PREP Technology (The MRPP for Training and Response)

MRPP HIGH LEVEL SYSTEM ARCHITECTURE



IN-PREP Handbook of Operations (IN-PREP procedural/operational flow upgrade as Recommendations)

Study the disasters and how are managed to enhance training



1. Inventorise national disaster management plans
2. Gaps and shortcomings identification (tech./organis.)
3. Human behaviors and sources of failures identification

Capability /
Impact-based
planning
process cross
agency/country

+

Validation/
Evaluation of
IN-PREP
Technology

IN-PREP Handbook
(Policy, Procedures,
Operations)

1. Lessons learnt
2. Recommendations
3. Check-lists

IN-PREP Training Programme

Table-top Exercises (TTXs)



Industrial Accident – SEVESO/CBRN threat (CNVVF, all - **Nov '18**)



Evacuation of cruise ship table-top exercise (CNVVF, all - **Mar '19**)



Massive flood table-top exercise (SRIJ, all - **Jul '19**)

Demonstrations (DDSs)



Cross-border terrorist attack (PSNI, all – **Sep '19**)



Earthquake & CI cascading failures (comms – energy) demo (CNVVF, all – **Nov '19**)



A large forest fire in the middle of refugee crisis (RHO, all – **Mar '20**)



**Thank you for
your attention**

Any questions?

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