

What is IN-PREP?

IN-PREP aims to improve collaborative response planning. The project addresses the lack of training capabilities and insufficient links in transboundary crises management.

The IN-PREP system is a collaborative training platform to enable responders to

- Share and exchange information easily in a secure manner.
- View accurate, real time image of the situation on the ground as well as the big picture.
- Practice working with each other.

How do agencies that may never have worked together prepare for cascading disaster scenarios without connecting systems?

Legacy emergency management systems as of now, are heterogeneous and limited with respect to information exchange.

Agencies:

- Use different visualisation interfaces, protocols and inventories.
- Use different symbols and messages.
- Have different cultures and operating procedures that can't always connect.



Levels of interoperability

Organisational interoperability

Two entities operate together as their organisations are compatible.

Procedural interoperability

Procedures of two entities are compatible enabling joint operations.

Technical interoperability

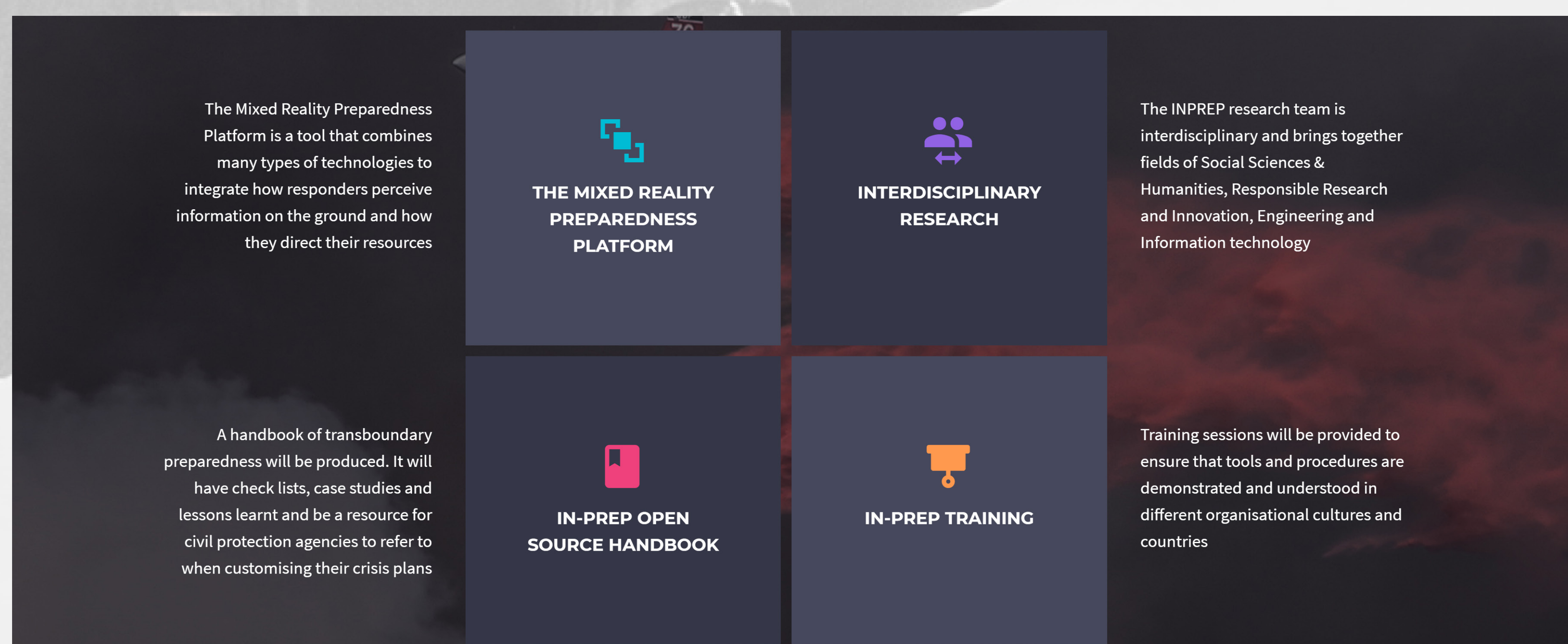
Systems are designed in such a way that they can work together in the same operation. The technical interoperability is structured in levels, from the simple physical connectivity to complex interworking.

What is novel about IN-PREP?

IN-PREP Mixed Reality Preparedness Platform is a novel IT based training platform for collaborative response planning.

It will interconnect C2/C3systems, merge decision support mechanisms with 'at a glance' visualisation and integrate Situational Awareness with real time.

The MRPP enables data exchange throughout the agencies, coordination centre, sensing devices, proprietary protocols and legacy information systems.



Facts about IN-PREP

SEC-01-DRS-2016: Integrated tools for response planning and scenario building (IA)
IN-PREP Duration: 1st of September 2017 to 31st of August 2020
Training Programme: 3 Exercises & 3 DEMOs

Project Partners

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

