IN-PREP

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?

Scenario Building Tool
Introduction

Why use it?

— enable the creation of training & operational preparedness scenarios, allowing addressing several "what-if" questions,

— enable trainers to define precisely all the successive steps of a preparedness scenario

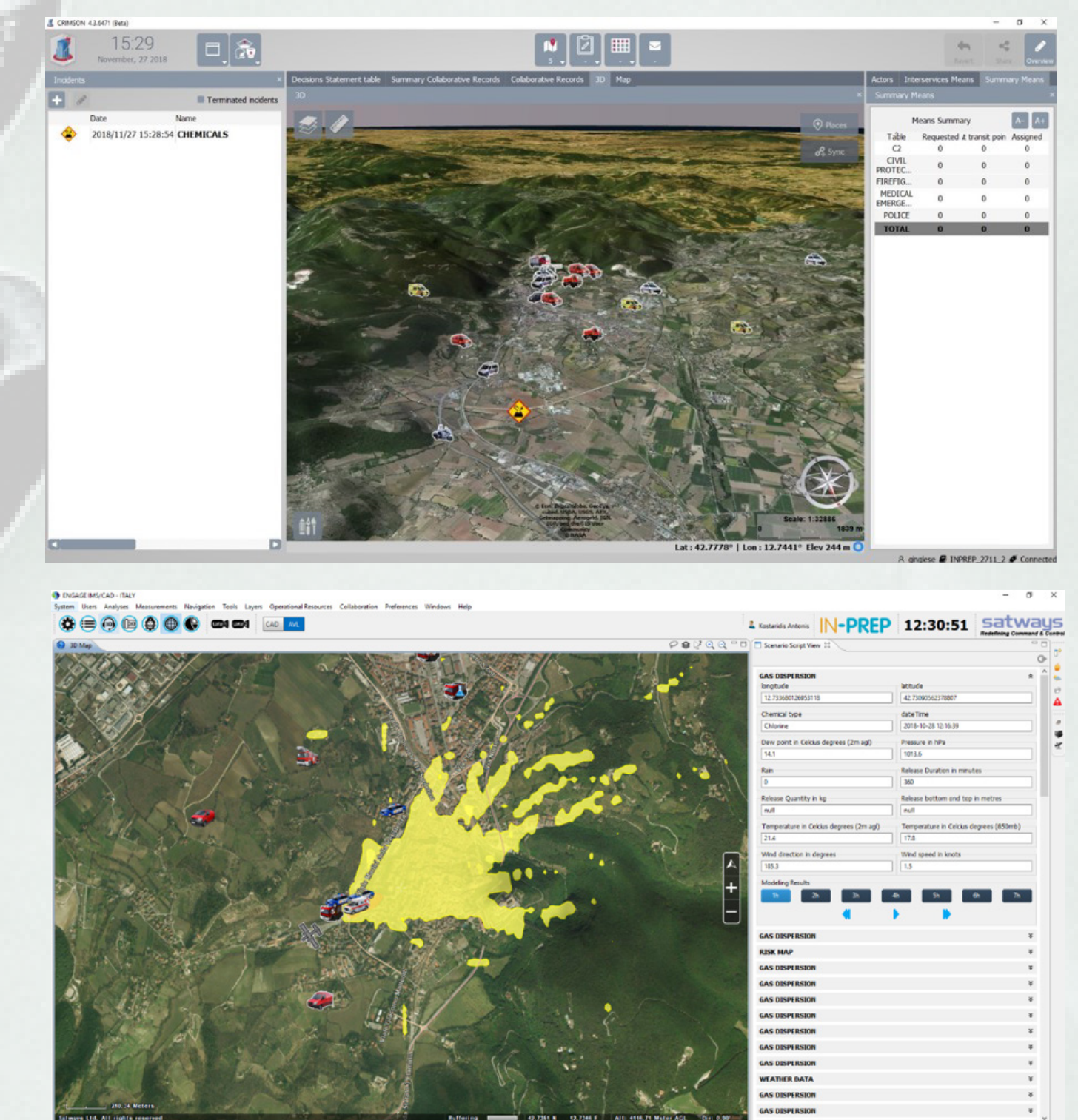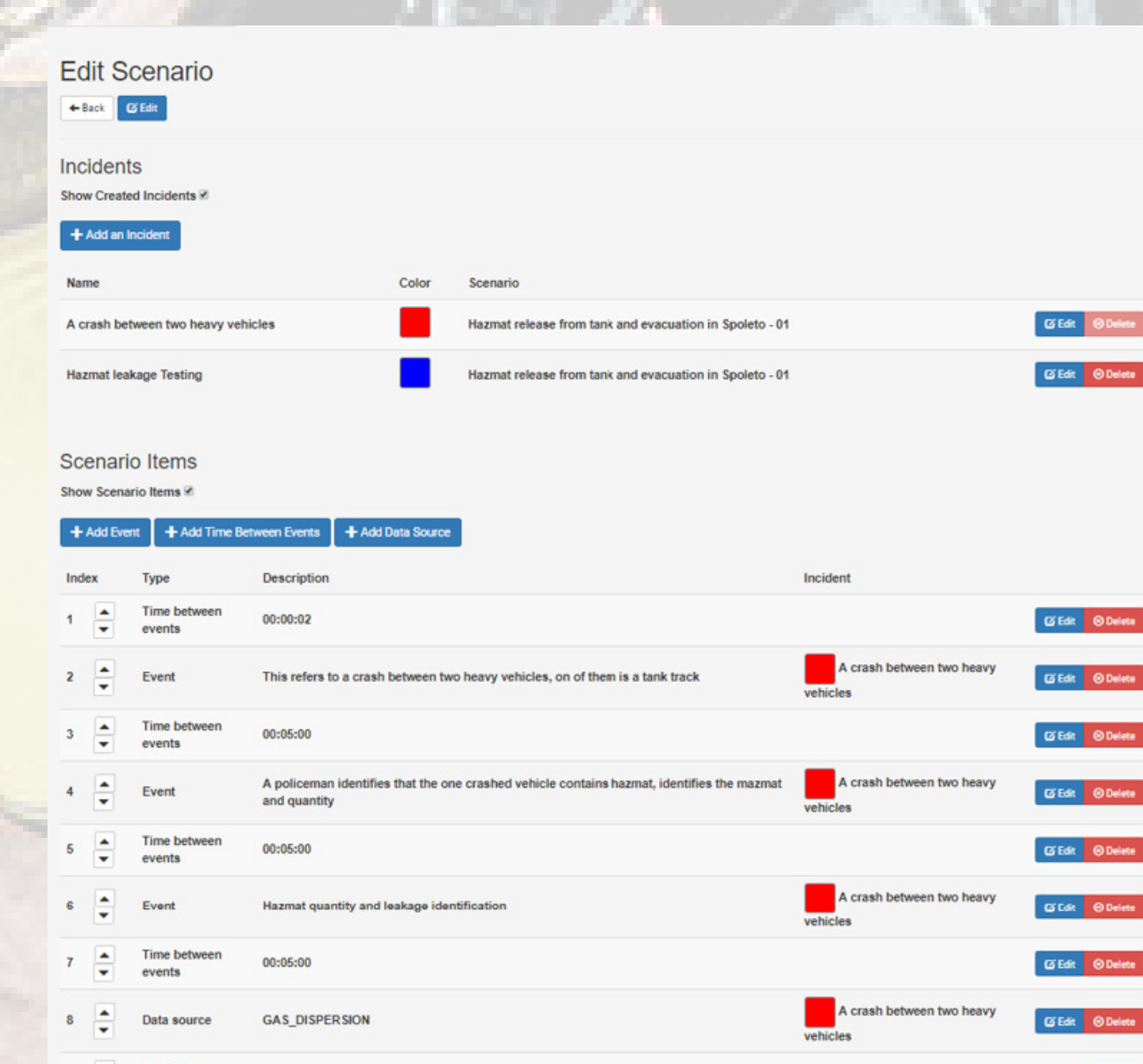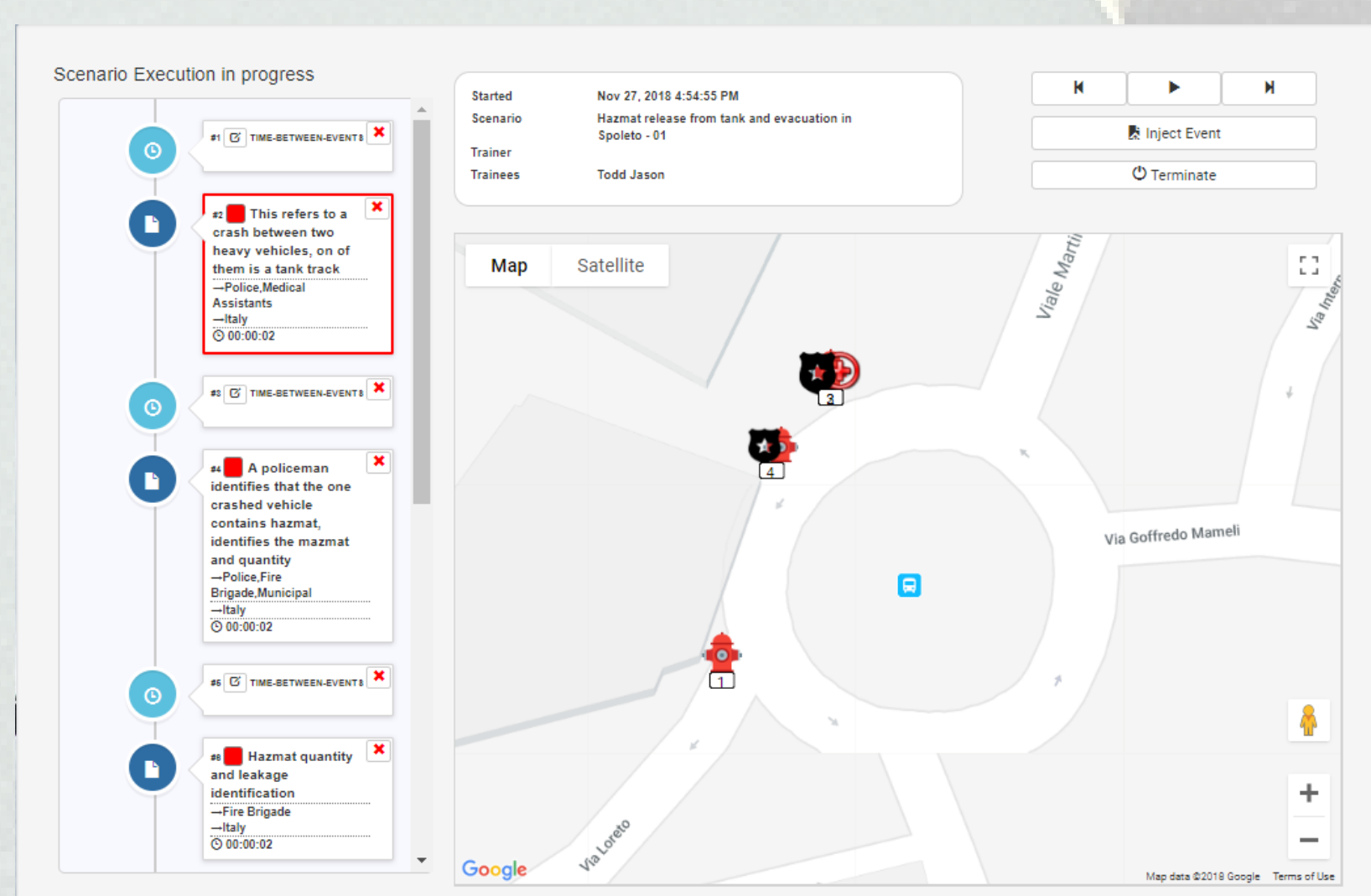— allow trainers to visualize the geographic area of the training sessions

Features

- *Map based user-friendly interface*
- *Role-based support*
- *Store scenarios (library)*
- *Training session evaluation*

Functionalities

- *Map based user-friendly interface*
- *Role-based support*
- *Store scenarios (library)*
- *Training session evaluation*

Visualization

Visualize the scenario script to

- external visualization (trainee) &
- training systems (C2)

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.

THE MIXED REALITY PREPAREDNESS PLATFORM

The Mixed Reality Preparedness Platform is a tool that combines many types of technologies to integrate how responders perceive information on the ground and how they direct their resources

INTERDISCIPLINARY RESEARCH

The INPREP research team is interdisciplinary and brings together fields of Social Sciences & Humanities, Responsible Research and Innovation, Engineering and Information technology

IN-PREP OPEN SOURCE HANDBOOK

A handbook of transboundary preparedness will be produced. It will have check lists, case studies and lessons learnt and be a resource for civil protection agencies to refer to when customising their crisis plans

IN-PREP TRAINING

Training sessions will be provided to ensure that tools and procedures are demonstrated and understood in different organisational cultures and countries

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 3Industries, 3RTOs and 1 UNI)

AIRBUS DEFENCE & SPACE · DLR · CARR COMMUNICATIONS · Fraunhofer INT · satways · EXUS · CRISISplan

AIR · ENIXEY ICCS · IES Consulting s.r.l. · HSE Feidhmeannacht na Seirbhíse Sláinte Health Service Executive

TRILATERAL RESEARCH · UNIVERSITY of GREENWICH · DIGINEXT be visionary · Veiligheidsregio IJsselland · Deutsche Hochschule der Polizei