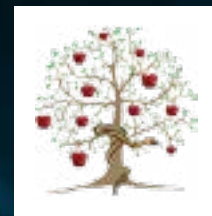


EDEN: THE LARGEST COLLABORATIVE EUROPEAN PROJECT AGAINST CBRNE EVENTS



EDEN

1st of September 2013 marked the start of the 3-year European project EDEN, which is characterized by a highly innovative approach to develop CBRNE research activities in the EU, linking end-users, researchers and industrial experts. The focal points of the project are three large-scale Demonstration actions scheduled at the end of the research activities to validate the solutions sought in EDEN project climaxing in the EDEN (Trade) Fair in Brussels at the end of the project.

The project demonstration outputs will aim to allow capabilities to be shared among multi-national CBRNE stakeholders, which is paramount in cross-border incident management and over time will allow for a build-up of common capability across European boundaries.



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This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 313077.

Newsletter edited by Astri Polska. Contribution and pictures provided by EDEN Partners.

One of the EDEN's Work Package aims at demonstrating the ability of the EDEN global approach to assist crisis managers and responders involved in large, multiple, multi-national and/or cascading events. The French National Institute of Industrial Environment and Risks (INERIS) is in charge of the preparation, the animation and the assessment of the multiple chemical attack demonstrations.

Two table-top and three full-scale demonstrations are planned in 2015 and 2016.

○ Demonstrations already performed

On the 3rd and 4th June, the Norwegian Defence Research Establishment (FFI) organised a table-top demonstration aimed at addressing medical aspects of CBRNe response in Chemical Warfare Agent (CWA) incidents. The demonstration was held at FFI in Kjeller, Norway.

The table-top demonstration, gathering about 15 European medical emergency experts and more than 20 EDEN Consortium members, focused on medical management of chemical warfare agent (CWA) release in an urban area. During these two days, two realistic CWA scenarios were the basis for exchange on practices and demonstration and evaluation activities of the tools selected from the EDEN Store.

The first day was organised as a scenario based stra-

tegic discussion, where two scenarios previously developed in PRACTICE and refined for the purposes of EDEN were presented and discussed:

Sarin dispersion in ventilation system of large public building with an estimation of 1200 exposed people. Subsequent detonation of bomb containing sulphur mustard in another part of the constructed virtual city. More than 100 patients treated in a number of different hospitals, and dozens of responders worked at the blast scene before indications that the incident was CBRNe.

The participants were divided in six groups where each group covered two pre-chosen topics addressing the main objectives of the demonstration regarding comparing and exchanging respective medical practices, commonalities and differences, best practices and response plans.



Participants discussion

On day 2 selected tool providers demonstrated their tools, focusing on how tools could improve the response to CBRNe incidents. An interaction session was arranged where tool providers and end-users were given the chance to discuss the tools more thoroughly and allow end-users to provide positive and negative feedback. All participants were asked to evaluate two tools using prepared questionnaires. 14 international end-users, mainly medical experts, doctors and first responders took part in the demonstration, as well as several Consortium members and tool providers.



Tool providers present end-users their tool

○ Upcoming events

October - Rome

On October 29th, another table-top demonstration will be held in Rome, Italy focusing on the preparedness and response phases in order to demonstrate support from the toolbox of toolboxes approach and tools integration using EDEN interface mechanisms. The main objectives are to present EDEN tool and toolboxes and their use for the management of Chemical crisis related to the release of CWAs in urban environment.

The demo is a walking-through on selected EDEN tools that can be applied to improve the ability of decision makers and CBRN operators to face the chemical crisis. Some example of EDEN toolboxes (two or more EDEN tool interfaced to get superior capabilities) is presented too.

November - Antwerp

On November 24th and 25th, a full-scale multi-chemical demonstration will be held in the port of Antwerp in Belgium. The demonstration, led by IN-ERIS, will focus on scene assessment and triage & decontamination issues and will gather first responders from other Member States. The scenario will take place in a simulated chemical plant, involving Toxic Industrial Chemicals (TICs) with cascading effects.

Next year

Additional full-scale demonstrations are planned in France and Italy in Spring 2016. The full-scale demonstration in Italy will be held on pre-hospital premises with focus on triage and decontamination of exposed patients to a C-attack escaping a scene.

For all these demonstrations, tools are selected from the EDEN Store gathering tools from the EDEN consortium and from the EDEN suppliers and SMEs' platforms based on pre-identified gaps and needs from end-users.

Information about the project and Platforms can be followed through a dedicated website at

<http://www.eden-security-fp7.eu/>

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THE CONSORTIUM 35 partners from 15 countries and includes small/medium-sized enterprises, industry, research institutes and end-user organisations.

