



Standardization in research and innovation projects

Success story: **security**

DRIVER :

Driving Innovation in Crisis Management for European Resilience is a 4.5 year FP7 project started in May 2014 which implements the Crisis Management System-of-Systems Demonstration Programme funded by the European Commission.

Gathering the expertise of 37 organizations, the DRIVER project aims at 3 main objectives: firstly, the development of a pan-European test-bed enabling the testing and iterative refinement of new crisis management (CM) solutions, secondly, the actual development of a Portfolio of Tools that improves crisis management at Member State and thirdly, the creation and fostering of a Community including all stakeholders in crisis management who are concerned by societal and technological innovation in CM and its up-take.

www.driver-project.eu

THE PROJECT

The DRIVER project aims at improved solutions for crisis management, particularly for complex and challenging scenarios. A distributed pan-European test-bed will be built for experimentation and testing and the most useful new tools will be collected in a comprehensive crisis management portfolio. DRIVER will carry out experimentation campaigns in 3 strands: tools and methods for responders, resilience of civil society and learning by both. While doing so, the focus will not be on inventing novel solution ideas, but rather on achieving innovation, based on the systematic testing and adaptation of already existing ideas. Sharing a common understanding of crisis management across Europe is an important aspect of the project. Crisis management practitioners, policy makers, technology suppliers and citizens will be invited to join the DRIVER Community, enabling an intensive collaboration with and between crisis management stakeholders. The DRIVER Portfolio of Tools and the European test-bed facilities will create new capabilities for more effective European crisis management. The long-term sustainability of the test-bed, processes and tools will enhance European resilience and crisis management capabilities beyond the duration of the project.

STANDARDS: A SOLUTION FOR MARKET UPTAKE

Within Europe different tools for crisis management are implemented, but mainly on national level. The envisaged development of new standardization documents in the field of crisis management within DRIVER will create a more shared understanding among all stakeholders across Europe and will satisfy the market needs.

Based on its results DRIVER will actively contribute to standardization activities in crisis management. With the projects' start in 2014, it is too early to determine areas suitable for standardization. Indicative examples are, however, standards for communication interoperability, interoperability of command and control, organisational interoperability and for mass notification of the population.

Standardization will support a more shared understanding of DRIVER's crisis management tools and solutions among all stakeholders across Europe and will satisfy the market needs.

HOW WILL THE STANDARDIZATION WORK BE DEVELOPED?

The project DRIVER has a dedicated work package on standardization in his subproject "Supporting Information & Analysis". The transfer of DRIVER results into standardization activities is the main objective of this work package. DRIVER partners as well as other key stakeholders in the field of crisis management will provide input to the standardization activities. DIN, the German Institute for Standardization, is the main responsible for this work package and will also establish the linkage to relevant Technical Committees.

BENEFITS OF LINKING WITH STANDARDIZATION

The standardization activities in DRIVER will reflect a shared state-of-the-art understanding of addressing crisis management at European level. Additionally DRIVER will produce unique knowledge for standardization in areas like interoperability.

LONG-TERM EXPECTED IMPACT

By providing the crisis management landscape in Europe with standardization documents based on DRIVER results, gaps among existing standards in the field of crisis management will be filled. The envisaged standardization documents are also planned to feed into current and planned standardization activities at European and international level and will mainly contribute to DRIVER's third objective - sharing a common understanding of crisis management across Europe - by being available to any interested stakeholder.

© bartuchna_Shutterstock



Being the largest crisis management project in Europe for the foreseeable future, DRIVER is uniquely positioned to address complex challenges. Therefore we foresee to produce unique knowledge for standardization in areas like interoperability.

E. Anders Eriksson, DRIVER Technical Coordinator, FOI - Swedish Defence Research Agency

www.cencenelec.eu/research



Every project is different. The CEN-CENELEC Research Helpdesk can provide you with advice on how to include standardization in your project. Please feel free to contact us!

Email: research@cencenelec.eu
Tel. +32 2 550 08 11
Avenue Marnix, 17 - B-1000 Brussels, Belgium

www.losteid.be

