



Magen David Adom (MDA) is a partner organization in a project funded by the EC, under the 7th Framework Program. The members of the consortium are:

Organization:	Country:
1. ATOS SPAIN SA	Spain
2. TOTALFORSVARETS FORSKNING SINSTITUT	Sweden
3. AUSTRIAN RED CROSS RESEARCH GMBH	Austria
4. THALES COMMUNICATIONS & SECURITY SAS	France
5. NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK - TNO	Netherlands
6. POLE EUROMEDITERRANEEN SUR LES RISQUES ASSOCIATION	France
7. ARTIC	France
8. FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V	Germany
9. INSTITUTT FOR FREDSFORSKNING STIFTELSE	Norway
10. DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV	Germany
11. DANSK RODE KORS (DANISH RED CROSS)	Denmark
12. THE BRITISH RED CROSS SOCIETY ROYAL CHARTER	United Kingdom
13. MAGEN DAVID ADOM IN ISRAEL	Israel
14. GEMEENTE DEN HAAG	Netherlands
15. BUNDESMINISTERIUM DES INNERN	Germany
16. MYNDIGHETEN FOR SAMHALLSSKYDD OCH BEREDSKAP	Sweden
17. ECORYS NEDERLAND B.V.	Netherlands
18. EDISOFT-EMPRESA DE SERVICOS E DESENVOLVIMENTO DE SOFTWARE SA	Portugal
19. GMV AEROSPACE AND DEFENCE SA UNIPERSONAL	Spain
20. FREQUENTIS AG	Austria
21. HKV LIJN IN WATER BV	Netherlands
22. CENTRE FOR IRISH AND EUROPEAN SECURITY LIMITED	Ireland
23. ITI SP ZOO	Poland
24. E-SEMBLE BV	Netherlands
25. Q4 PR LIMITED	Ireland
26. PUBLIC SAFETY COMMUNICATION EUROPE FORUM AISBL	Belgium
27. DIN DEUTSCHES INSTITUT FUER NORMUNG E.V.	Germany
28. AIT Austrian Institute of Technology GmbH	Austria
29. JRC -JOINT RESEARCH CENTRE- EUROPEAN COMMISSION	Belgium
30. ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES ETHODES ET PROCESSUS INDUSTRIELS - ARMINES	France
31. WESTFAELISCHE WILHELMS-UNIVERSITAET MUENSTER	Germany
32. EUROPEAN UNION SATELLITE CENTRE	Spain
33. INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Bulgaria
34. DISASTER WASTE RECOVERY	U.K
35. CENTRO DE INNOVACION TECNOLGICA PARA LOGISTICA YTRANSPORTE MERCANCIAS CARRETERA	Spain
36. UNIVERSITAET STUTTGART	Germany
37. EUROPEAN ORGANISATION FOR SECURITYSCRL	Belgium

About the project

DRIVER -**Driving** Innovation in Crisis Management for **E**uropean **R**esilience

The European Union's demonstration project, DRIVER gathers the expertise of 37 organizations, who will jointly develop solutions for improved crisis management. Building upon the findings of previous research projects, DRIVER's ultimate goal is to enhance European resilience in the face of crisis situations and ascertain sustainable innovation in Crisis Management also after the end of the project.

With 33.4€ million funding from the European Commission under the Seventh Framework Program, DRIVER is the largest crisis management research & innovation project in Europe, if not the world, for the foreseeable future. During the project, the consortium will work on the development of a pan-European test-bed of virtually connected exercise facilities and crisis laboratories where users, providers, researchers, policy makers and citizens can work jointly and iteratively on new approaches and solutions to emerging crisis management issues. This will facilitate capability development through the provision of appropriate methodologies and infrastructures. The DRIVER Test-bed will help to develop a portfolio of crisis management tools to strengthen crisis management capabilities at member state and EU level.

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.

crisis management – an ever evolving challenge

Crisis Management is an ever evolving challenge. Hazards change, both for natural and man-made reasons – climate change being a well-known example of the latter. Vulnerabilities change, for reasons ranging from the establishment of settlements in new areas to societal evolution affecting people's ability to cope with crises. Interconnectedness changes because of increased connectivity in the technical domain, for example the power transmission system, and in the socio-cultural domain as cross-border communities become increasingly important.

All these societal, technical and environmental changes interact to create new challenges for Crisis Management.

These evolving challenges are not compensated by traditional challenges becoming obsolete. Instead, as societies become more complex, both the increasing scope and unpredictability of potential crises, and the rapid dynamics of the incidents to be managed demand crisis management of an ever higher level of complexity. This does not necessarily mean that the frequency of crises increases, but unless innovation is up to the challenge of producing solutions, which fully exploit modularity, flexibility and adaptivity; then either the cost of capability development or the costs due to

inadequate management of crises will grow. On the other hand it is a necessary starting point of Crisis Management innovation to realise that the European Crisis Management capabilities are already a mature and competent System of Systems – here interpreted as a federation of heterogeneous and loosely coupled local, regional and national systems able to collaborate in varying configurations and with varying levels of interoperability. Radical change to these capabilities would be very costly and likely incur unacceptable loss of Crisis Management capability during a long transition phase.

As part of the main activities of the project, a simulation drill designed to test innovative solutions was held at the Civil Defense Training Center in Valabre, France. During the drill, MDA's Command and Control system (developed by Magen David Adom) was used ,as an integrated system that enabled French firefighters, trained the previous day by MDA, to receive all the critical information to optimize their response to those injured in the event, to save lives and to reduce the number of casualties.

The activities were carried out entirely in a virtual environment created by simulator and showcasing the unique MDA system, which includes using GPS to locate the call for help, receiving pictures from the scene in real time, managing the emergency vehicles responding to the incident and implementing the unique MCI system developed for such situations.

For more information, please refer to the [DRIVER website](#), or to the [FP7 website](#).

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