



European
Commission

THE EUROPEAN CRISIS MANAGEMENT LABORATORY

A European Scientific Research and Test facility for ICT for Crisis Management

Research on ICT solutions for Crisis Management and Crisis Rooms

- Benchmarking ICT tools and devices
- ICT technology validation
- Testing in-house systems and tools
- Threat Analysis, Situational Awareness, Early Warning, Command and Control

Training and Capacity Building

- Crisis Management and Crisis Room Technologies
- Tsunami Decision Support Systems for Early Warning Centres

Core Goals

- Building cooperation with European research facilities, industry, users in governmental organisations and others
- Twinning with strategic international research partners
- Contributing to roadmaps for R&D on ICT and crisis management
- Contributing to addressing gaps in standards for data, threat assessments, early warning and organisational interoperability
- Building sustainable network of Pan-European research and testing facilities focusing on ICT for crisis management



The inauguration of the European Crisis Management Laboratory by the European Commission President Manuel Barroso and the Commissioner for Research, Innovation & Science, Máire Geoghegan-Quinn (March 2012)

The ECML serves as a research, development, testing and validation facility for ICT focused solutions, integrating devices, applications, and crisis management related information sources to support crisis management needs including threats analysis, common situational awareness, early warning, response and collaborative decision making. The ECML supports testing in a range of crisis scenarios, from intentional threats and natural disasters to health crises. The use of visual analytics for improving information readability, visualisation and effectiveness, particularly in large video screen environments, form an integral part of the Laboratory's ICT R&D and testing programme.

The ECML also supports distributed crisis management technology training across relevant services of the European Commission, as well as with partners in the EU Member States and others engaged in crisis management, thereby enhancing their awareness and confidence in the application of technological solutions to strengthen their crisis management capabilities.



The European Crisis Management Laboratory during the Japan Tsunami Event of 2011



The European Crisis Management Laboratory during the Mobile Technology Workshop (2012)

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