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# THE EUROPEAN CRISIS MANAGEMENT LABORATORY

## CRISIS TOOLS & METHODS

### Researching ICT Technologies to support Crisis Room functionalities

- Benchmarking software tools
- Testing in-house software
- Situation Awareness, Early Warning, Command and Control

### Training and Capacity Building Activities

- Specific training: best use of Crisis Room Technologies
- GIS Systems and Crisis Rooms
- Tsunami Decision Support Systems for Early Warning Centres

### Backup for European Commission Crisis Rooms

- Monitoring and Information Centre (MIC) of the Community Humanitarian Office (DG ECHO)
- Directorate General for Home Affairs (DG-HOME)

### Crisis Room Design

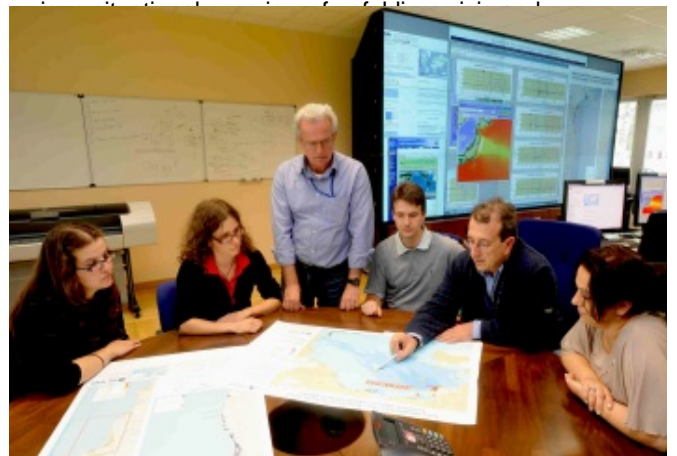
- JRC Crisis Room
- Haiti Civil Protection
- DG-ECHO Monitoring and Information Centre (MIC)

The European Crisis Management Laboratory acts as a research, development and test facility for ICT focused solutions which integrates devices, systems, models and relevant information sources to support crisis management needs, such as threats analysis, situational awareness, early warning, response and coordination, and collaborative decision making.

The Laboratory allows distributed crisis management 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 functions in crisis management.

The Laboratory allows testing in a variety of crisis scenarios ranging from intentional threats and natural disasters to health crises. The use of visual analytics for improving information readability, visualization and effectiveness, particularly in large video screen environments, form an integral part of the Laboratory's ICT research.

The Laboratory also plays a central support role during real emergencies, whereby it offers analyses of complex events that necessitate the integrated use of a variety of systems, tools and information to give a





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### Video Wall

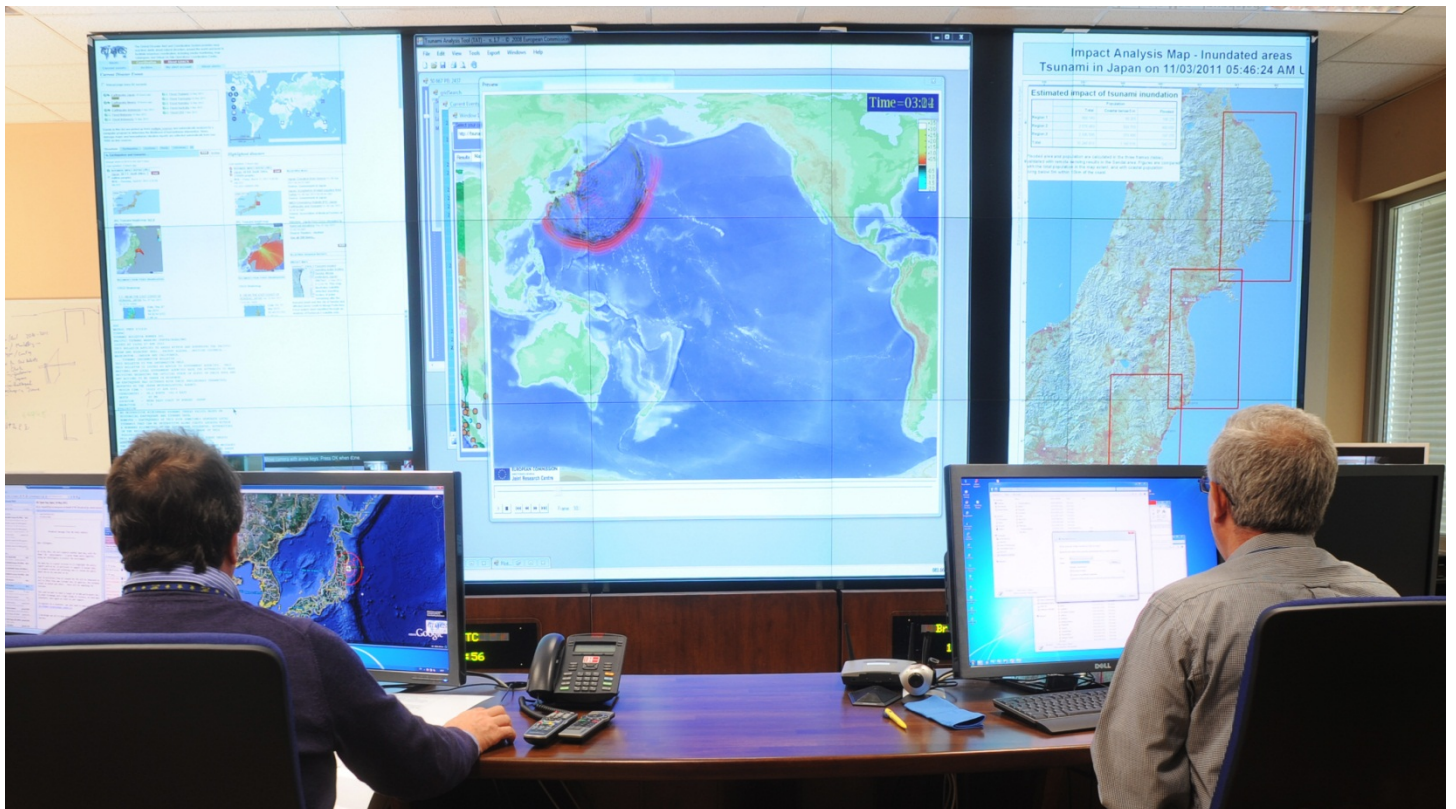
- 5x3 matrix (5m x 2.22 m) video wall
- Overall resolution 5120x2304 pixels
- Up to 6 Simultaneous video input (e.g. computers or satellite TV)
- computers or satellite TV)
- Up to 4 analogue video input
- Touchable over the whole surface

### Computers

- 5 Workstations to feed the Video Wall, 2 used to control it
- 1 server to control the video input

### Other hardware

- Video, phone & skype conference
- Plotter A0
- Touchable Board
- Wireless network for guests
- Meeting table



### CONTACTS

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