



Scientific advice in crisis management

Olimpia Imperiali
ECHO B1 – Emergency Response Unit



Global player: 44 field offices in 39 countries

Main instruments:

Humanitarian Aid

- Guided by humanitarian aid principles,
- Needs-based
- Co-operates with over 200 partner organisations (UN, IOs, NGOs)

Civil Protection

- EU Civil Protection mechanism (28 EU Member States + Norway, Iceland, the former Yugoslav Republic of Macedonia, Serbia and Montenegro)

In 2014, ECHO committed a total amount of over **EUR 1.27 billion**

Civil protection assistance

Governmental aid delivered in the immediate aftermath of a disaster. It can take the form of in-kind assistance, deployment of specially-equipped teams, or assessment and coordination by experts sent to the field.

Emergency Response Coordination Centre



- The ERCC is the ECHO coordination hub and facilitates a coherent European response during emergencies.
- The ERCC **collects** and **analyses** real-time information on disasters, **monitors hazards**, **prepares plans** for the deployment of experts, teams and equipment. The ERCC works with Member States to map available assets and **coordinates the EU's disaster response efforts**.
- For multi-sectorial crises, in case of the activation of the IPCR/"Solidarity Clause" the ERCC is the coordination hub for the whole Commission



Coordination => provision of timely and reliable information

- ERCC analytical cell mandate: **to support the management to take decisions** during emergency situations by providing **"operational" advices**
- **Situational maps** are often used as a tool to pass the message in a quicker and simpler manner
- The analytical cell is in daily contact with the **JRC** that provides **scientific reports**. These reports are "translated" into operational advices.

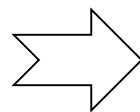
Scientific advice => operational advice



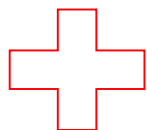
ERCC reinforced mandate



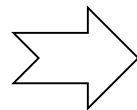
European Emergency Response
Capacity (EERC)



Deployment
plan



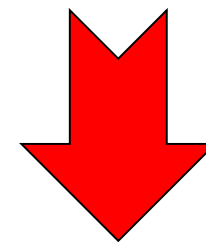
Integrated Political Crisis Response
Arrangements/"Solidarity Clause



Integrated
Situational
Awareness
Analysis (ISAA)
report



Reinforced
mandate of the
ERCC as
coordination
platform



European
Parliament Pilot
Project

ERCC Multi-Hazards Pilot Project



- A 2.5 M Euro Pilot Project has been established by DG ECHO on request of European Parliament;
- The objective of the project is the creation of a Scientific Partnership amongst European entities which already operate on a national level to provide a 24/7 service to the ERCC in the Early Warning Analysis and Monitoring
- 3 parts:
 - Analysis and identification of EU 24/7 Warning Centers
 - Definition of a structure/methodology to provide a 24/7 service to the ERCC
 - 1 year of Pilot Activation
- Call is closed, 1 Consortium submitted a proposal
- Proposal Analysis is under way

DRMKC: EU Scientific Partnership



Development of European-level disaster science partnerships based on existing networks of scientific centres

