Regional Workshop on NEAMTWS

Contribution of the European Commission, within the Union Civil Protection Mechanism framework, to the UNESCO's effort to set up the NEAMTWS

Rabat, Morocco, 23-24 September 2014

Olimpia Imperiali
European Commission - DG ECHO
Emergency Response Unit
....we will speak....

DG ECHO & the Union Civil Protection Mechanism

Emergency Response Coordination Centre (ERCC)

Our contribution to build the NEAMTWS
Civil Protection within DG ECHO

**ECHO A**
Strategy, Policy, International Cooperation

- A1 Strategy, Coordination and Inter-institutional Relations
- A2 Information and Communication
- A3 Policy and Implementation, Frameworks
- A4 Specific Thematic Policies
- A5 Civil Protection Policy, Prevention, Preparedness and Disaster Risk Reduction

**ECHO B**
Humanitarian Aid and Civil Protection Operations

- B1 Emergency Response
- B2 Central Africa, Sudan, Chad
- B3 East, West and Southern Africa, Indian Ocean
- B4 European Neighbourhood, Middle East, Central and SW Asia
- B5 Asia, Latin America, Caribbean, Pacific

**ECHO C**
Resources, Partnerships and Operational Support

- C1 Human resources, Security, Document Management
- C2 Budget, Audit, Informatics
- C3 Finance, Legal Affairs, Partner support
- C4 Field network, Transport and Logistics
Civil Protection at European level

The Union Civil Protection Mechanism (UCPM) was established in 2001.

It covers prevention, preparedness and Response.

32 states (28 EU MS + Iceland, Liechtenstein, Norway, The Former Yugoslavian Republic of Macedonia)

The operational heart is the Emergency Response Coordination Centre (ERCC)
Disaster stricken country
Request for assistance
Acceptance / rejection of assistance offered
Information update
Offer of assistance
Deployment of EUCPT
Coordination of Transport
Activation of the Mechanism
ERCC Main Functions

1. Operational heart of the UCPM mandated to facilitate the coordination of Member States Civil Protection assistance during major emergencies
2. In-house coordination platform
3. Enhanced coordination hub for the whole Commission

One of the ERCC main task is therefore the provision of **timely relevant** and **reliable** information
...To provide timely, relevant and reliable information the ERCC....

• uses different **Information tools**

• count on:

  - several **detection and alerting tools**, developed in cooperation with the Joint Research Centre (JRC)

  - **Scientific and Analytical support team**
Information Tools

**CECIS:** Common Emergency Communication and Information System

**ERCC Portal**

**ECHO Daily Flash**

**ECHO Crisis Reports**

**Website:** www.europa.eu/echo
Detection and alerting tools

**GDACS:** Global Disaster Alert And Coordination System

**EFAS – European Flood Awareness System:** Floods forecasting and Flood alerts

**EFFIS – European Forest Fire Information System:** Fires forecasting

Weather monitoring
...regarding the setting up of the NEAMTWS, the UCPM contributed to:

**NEAMWAVE14**

Setting up of 3 new tidal gauges in Greece and 2 in Portugal

Setting up of the Global tsunami informal monitoring service (GTIMS)

**NEAMTIC Project** that focus on actions aimed at public awareness dissemination of good practices fostering linkages between the European Commission and the IOC on intergovernmental and transnational actions.

**NEARtoWARN Project** that aims to develop a prototype of a local tsunami system applicable in areas threatened by near-field tsunami (travel time less than 30 minutes). It focus in the test area of Rhodes Island, which was a test area in Transfer project funded under FP6.
...furthermore...

**Development of Tsunami Analysis Tool (TAT)**

**Development of Tsunami Alerting Device (TAD)** to alert people on the beach.

Collaboration agreement with several countries for the use of the Tsunami Analysis Tool and scenario matrix (from JRC) and exchange of seismic/sea level data (from the countries): Portugal, Greece, Romania, Spain, Turkey, Maroc and Israel (in discussion).

**Improvement of the Tsunami Calculation Grid**

Together with Portugal definition of a **new calculation matrix**, as well as of a **new bathymetry**, for the North Atlantic

**Creation of a back up Sea Level Database**
Last but not least we have co-financed 2 full-scale Exercise to enhance disaster management system in case of tsunami

**EU POSEIDON 2011** – Scenario: an earthquake at sea, near Crete island, replicating a real one in antic time, affecting Herakion and Chania municipalities.

**EU TWIST 2013** – Scenario: landslide detaching from the submerged "Palinuro" volcano in southern Thyrrenian Sea will result in a tsunami wave affecting the coastal areas of southern Campania, Basilicata and northern Calabria regions.
THANK YOU!

EUROPEAN UNION

Humanitarian Aid and Civil Protection