Cap Workshop
Rome 20 sep 2017

CAP in civil protection system - Italy

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PROTEZIONE CIVILE
Presidenza del Consiglio dei Ministri
Dipartimento della Protezione Civile

THE NATIONAL SERVICE of CIVIL PROTECTION

PRESIDENCY OF THE COUNCIL OF MINISTERS

Department of Civil Protection

Coordination activity

- Interior
  - National Fire-fighters Corps
  - Police
  - Prefectures
- Foreign Affairs
- Environment
  - ISPRA
- Health
  - 118
- Economy and Finance
  - Revenue Guard Corps
- Defence
  - Army, Navy, Air Force
  - Carabinieri
- Economic Development
  - ENEA
- Infrastructures
  - TERNA
- Transportation
  - Costal Guard
  - ANAS
  - National Highway
  - National Railway
- Cultural Heritage
- University and Research
  - INGV
  - CNR
  - National Research Institutes
- Public Education
- Communications
- Agricultural Policy and Forestry
  - State Forest Corps
- Regions
- Provinces
- Municipalities

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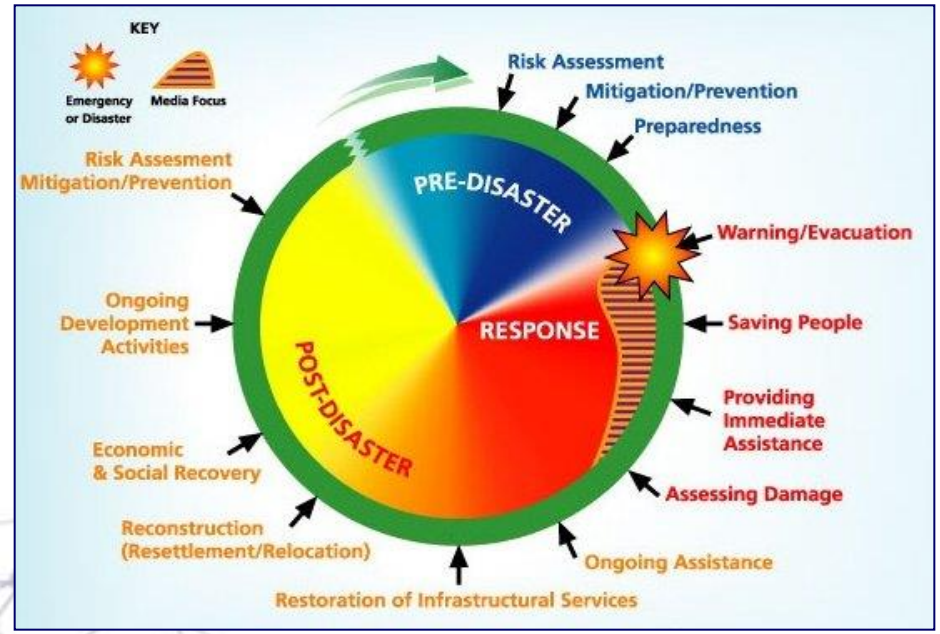
Mandate

The National Service of Civil Protection of Italy (Law 225/1992) aims at safeguarding human life and health, goods, national heritage, human settlements and the environment from all natural or man-made disasters.

It deals with:



Forecasting and Warning

Prevention and Mitigation

Rescue and Assistance

Emergency overcoming

From the *day after* to the *day before*

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South Italy – 1998

Mudflows

160 victims

From the *day after* to the *day before*

South Italy – 2000

Flash flood

11 victims

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Early warning system

www.protezionecivile.gov.it

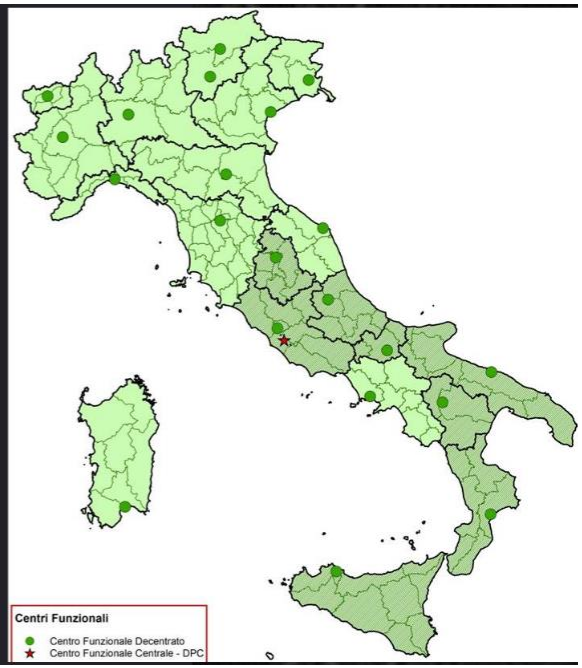
legal framewok: d.p.c.m. 2004

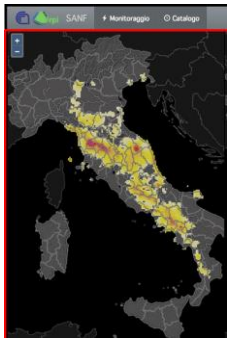
Italian EWS managed by 21 regional centers for forecasting and surveillance and 1 statal center

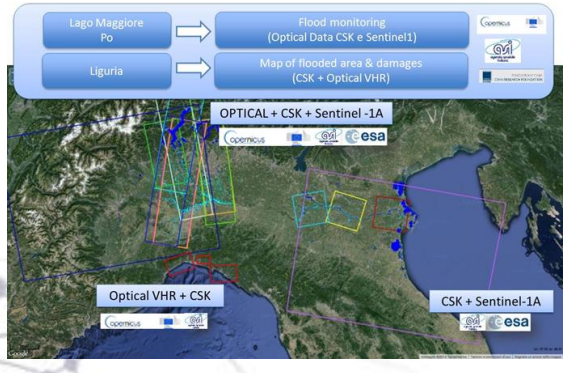
Each Regional Centre of Civil Protection has the responsability of meteo-hydrological alerts in its territory

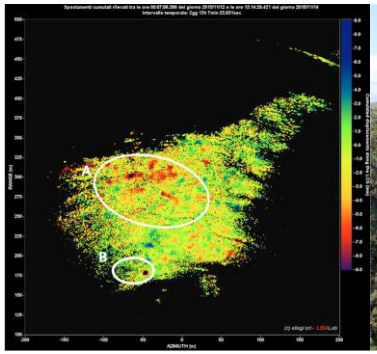
Coordination by the National Department of Civil Protection

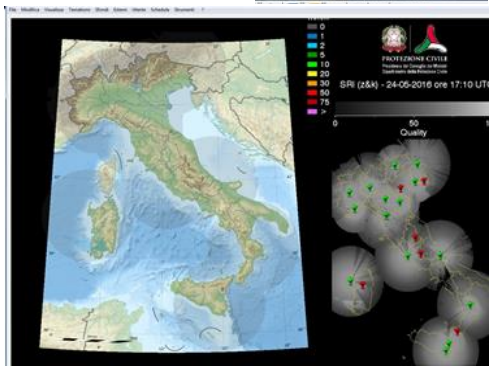
30 knowledge centers (Universities, Agencies, research dept. ex.CimaFoundation...)

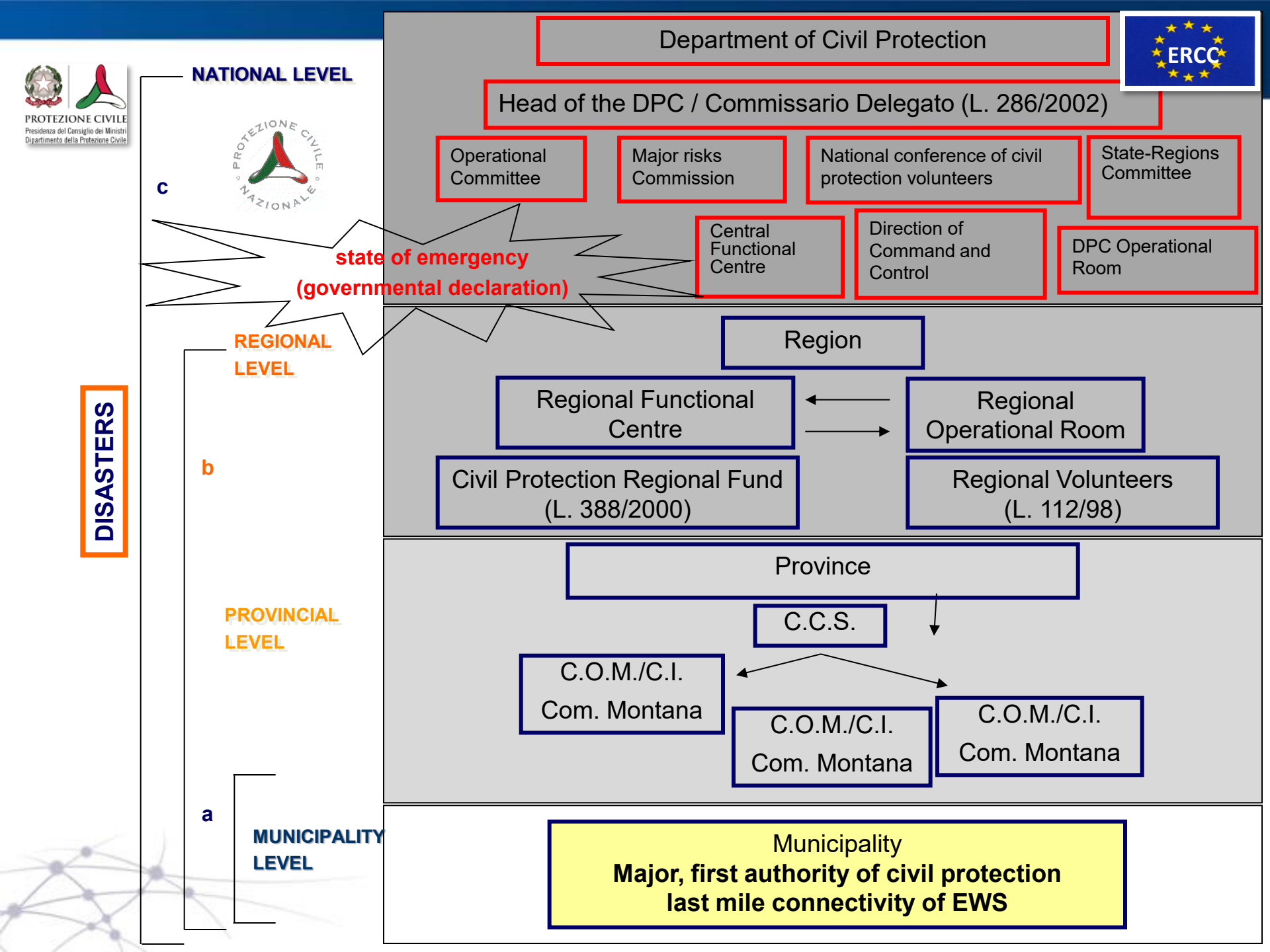











NATIONAL LEVEL
c
Department of Civil Protection
ERCC
Head of the DPC / Commissario Delegato (L. 286/2002)
Operational Committee
Major risks Commission
National conference of civil protection volunteers
State-Regions Committee
Central Functional Centre
Direction of Command and Control
DPC Operational Room
state of emergency
(governmental declaration)
REGIONAL LEVEL
b
Region
Regional Functional Centre
Regional Operational Room
Civil Protection Regional Fund (L. 388/2000)
Regional Volunteers (L. 112/98)
DISASTERS
PROVINCIAL LEVEL
Province
C.C.S.
C.O.M./C.I. Com. Montana
C.O.M./C.I. Com. Montana
C.O.M./C.I. Com. Montana
a
MUNICIPALITY LEVEL
Municipality
Major, first authority of civil protection
last mile connectivity of EWS

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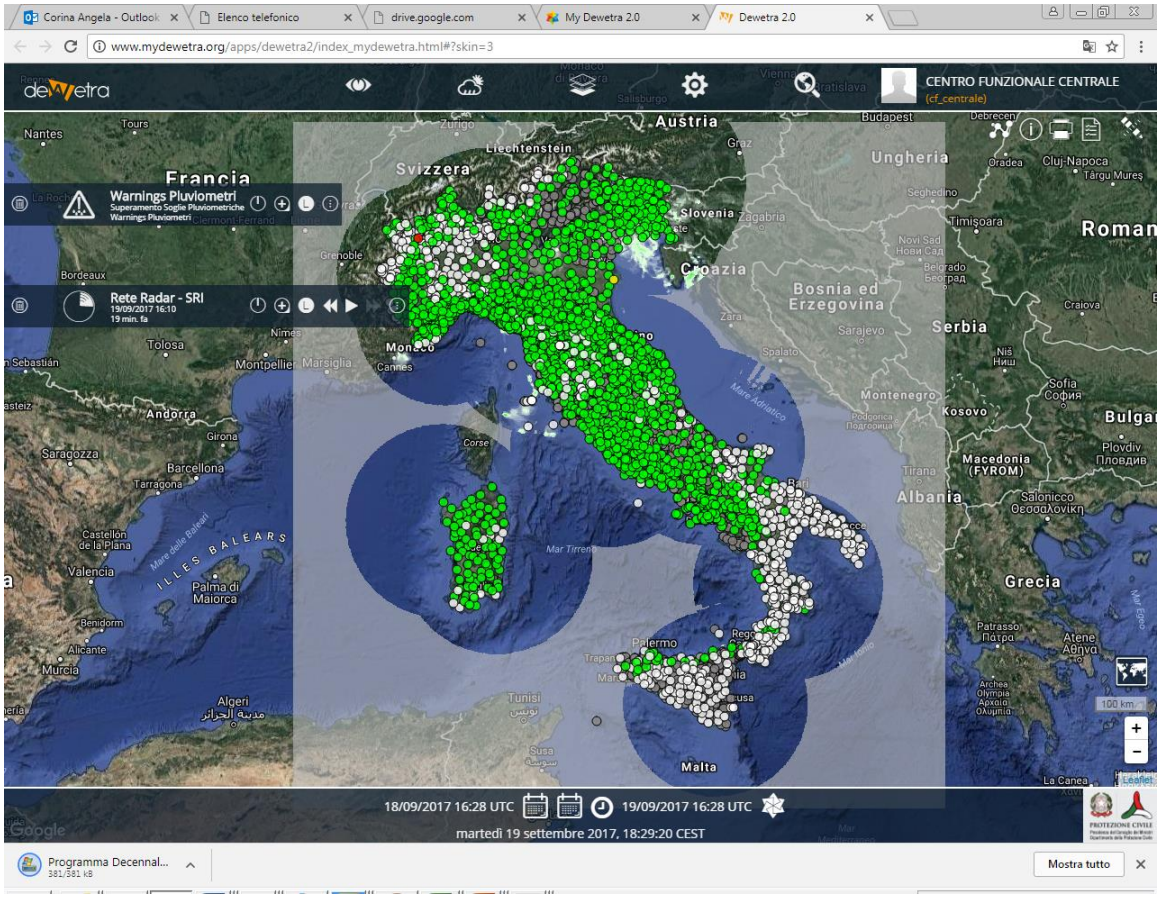
National data hub

www.protezionecivile.gov.it

a single access point to all data

- Encouraging open access, multi hazard platform : **DEWETRA platform**, agreement with WMO



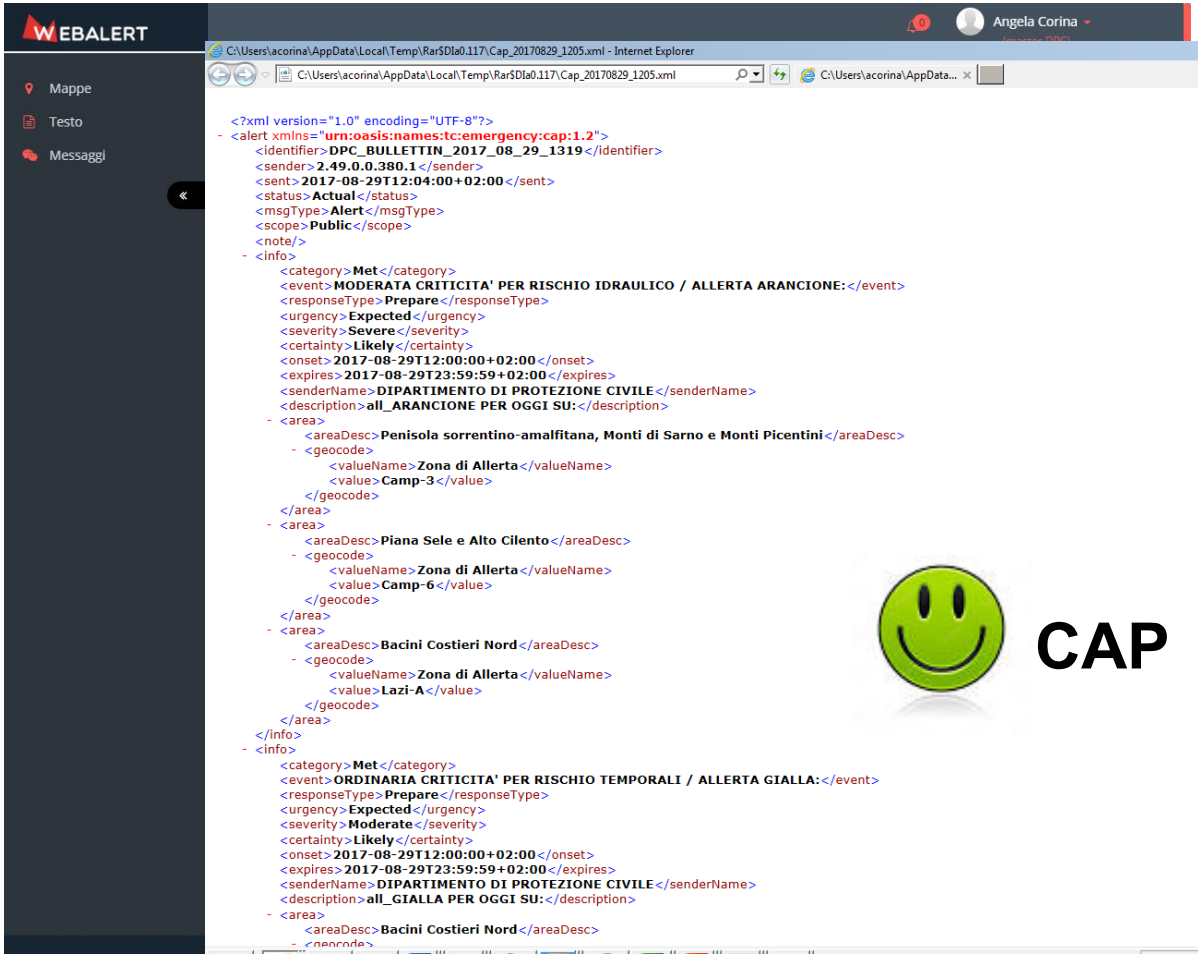
National warning platform

a single access point to a distributed system

web alert platform

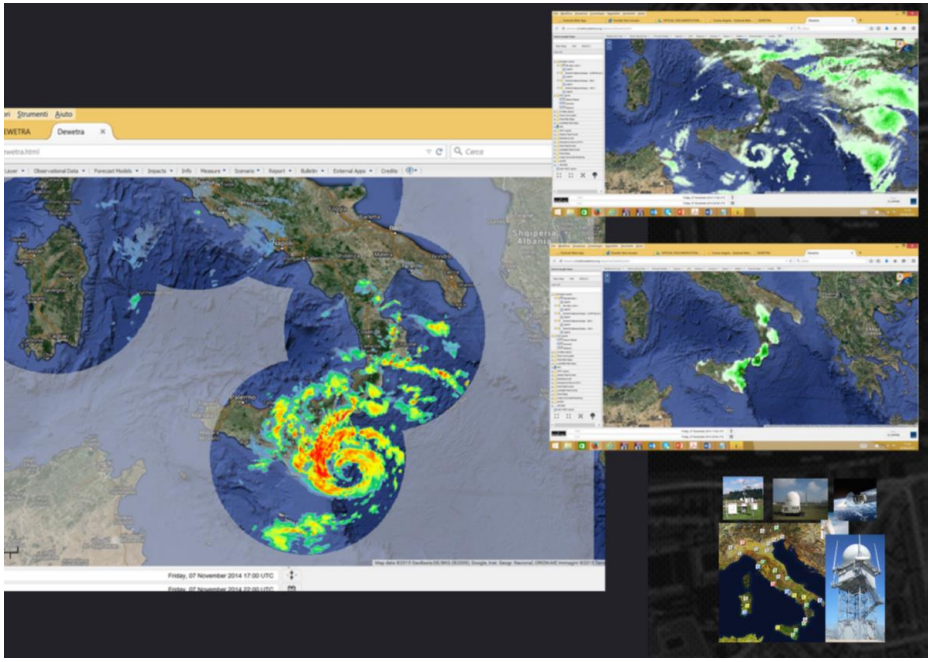
Real time sharing of risk assessment and warnings

Client CAP



some challenges

- Boosting public-private partnerships
- Opportunities offered by ICTs (social media, big data, …)
- Digital gap
- Bridge gap between monitoring and communication / dissemination



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SIAM – Tsunami Alert System

INGV – seismic network

ISPRA – sea level network

Presidenza del Consiglio dei Ministri

DIPARTIMENTO DELLA PROTEZIONE CIVILE

Direttiva recante: "Istituzione del Sistema d'Allertamento nazionale per i Maremoti generati da sisma

5 giugno 2017

IL PRESIDENTE
DEL CONSIGLIO DEI MINISTRI

@ INGV, Rome

INGV – CAT Centro Allerta Tsunami

Provides the alert messages

@ DPC, Rome

DPC – SSI Sala Situazione Italia

The national operations room for the monitoring and coordination of the emergency response operations

SNPC Servizio Nazionale Protezione Civile

The National Service of Civil Protection

CAP

CAP

- For international cooperation
- Increase warning effectiveness to take advantage of multi-channel communication networks.
- Bridge the gap bt monitoring and communication/dissemination, mainly for rapid onset events

conclusions

- It is necessary to set up a national **coordination** mechanism in charge of leading on communication. This should include also all relevant stakeholders.
- it is imperative to harness the potential of information and communication technologies **(ICTs**), infrastructure and access
- Early warning system is a **social system**, synthesised by technology and science, effective only if the civil society is involved = can access, understand, act upon warning messages

Thank you!

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