

# **UNISDR – Gulf Cooperation Council (GCC) Training workshop on Reducing and Managing Disaster Risk and implementing the Hyogo Framework for Action**

***Riyadh, GCC HQ – 13-16 January 2013***

Enhancing capacities and strengthening national coordination for  
disaster risk reduction

**Experience of Italian Civil Protection**

# Outlines

- GENERAL FRAMEWORK
- DRR ACTIVITIES
- COORDINATION MECHANISM
- NPDRR

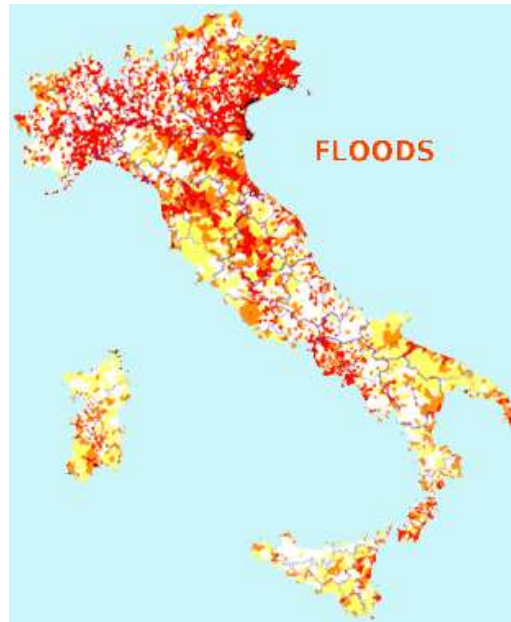
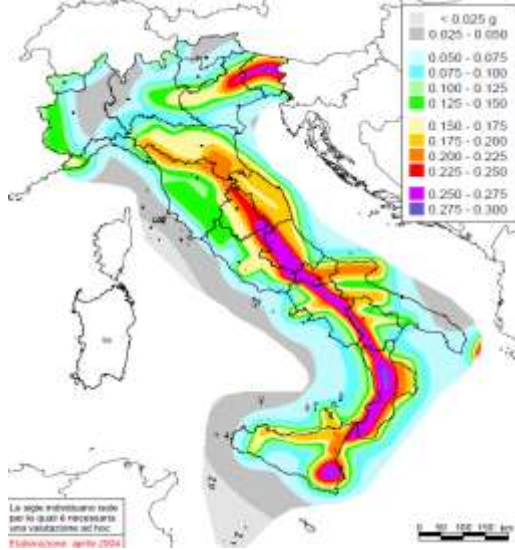


PROTEZIONE CIVILE  
Presidenza del Consiglio dei Ministri  
Dipartimento della Protezione Civile

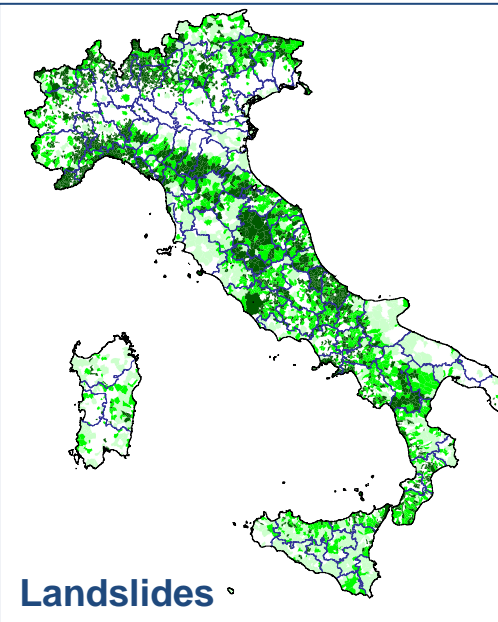
# Italy: a disaster prone country

ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA

Mapa di pericolosità sismica del territorio nazionale



FLOODS



Landslides



Forest fires

24/7/2009



# Italy: a disaster prone country

*Pop.* 60.000.000

✓ 8100 municipalities

✓ 72% with a pop.  $\leq 5000$

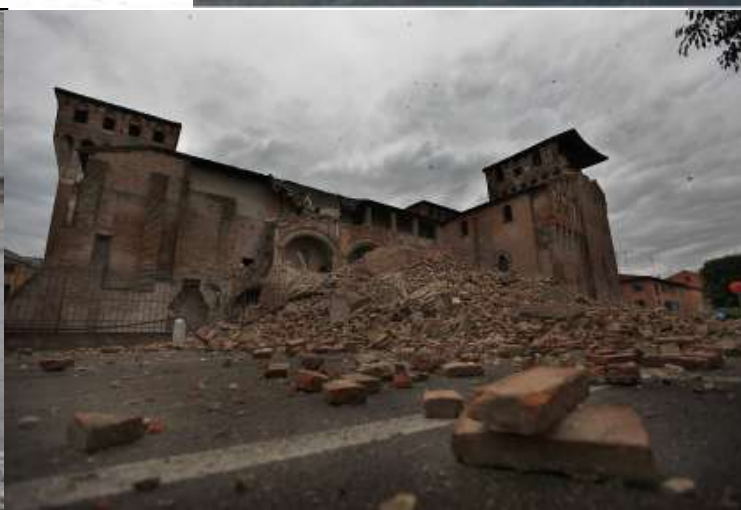
✓ 20% of the population is distributed on 55% of the territory



# Mount Vesuvio



# Direct impact



# Resulting in

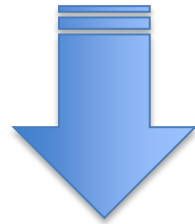
- Disruption of local authorities, lack in response and coordination
- Direct damages to
  - People
  - Emergency infrastructure (e.g. health centres, telecommunication, roads, basic services)
  - Houses and factories (need for shelters, food, ...)
  - Cultural heritage
- Side effects
  - Company bankrupt, Lost of work, emigration
  - Lost of identity, hope, ...



# Civil Protection Mission

L.225/92\_art.1 & L.100/2012

Defence lives and property by damage or by  
**possible** damage due to natural &  
technological disasters and other destructive  
events.



# DRR

# Disaster Risks Reduction

## Mitigation

REDUCING/MITIGATING DAMAGES BY DEVELOPING STRUCTURAL MEASURES  
SETTING RULES FOR LAND USE, BUILDING CODES  
RAISING POPULATION AWARENESS ENHANCE SELF PROTECTION MEASURES

## Alert

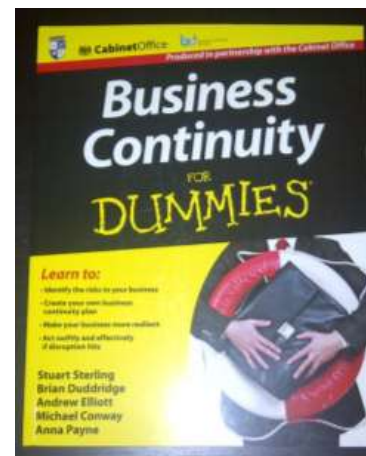
ANALYSIS OF CAUSES AIMED AT IDENTIFYING RISK TYPOLOGIES AND AREAS  
AFFECTED BY RISKS

## Response

OPERATIONS AIMED AT FULFILLING THE BASIC NEEDS OF THE POPULATION  
AFFECTED BY THE EVENT BASED ON PREVIOUSLY ELABORATED EMERGENCY  
RELIEF PLANS

## Recovering

INTERVENTIONS AIMED AT RESTORING NORMAL LIFE CONDITIONS



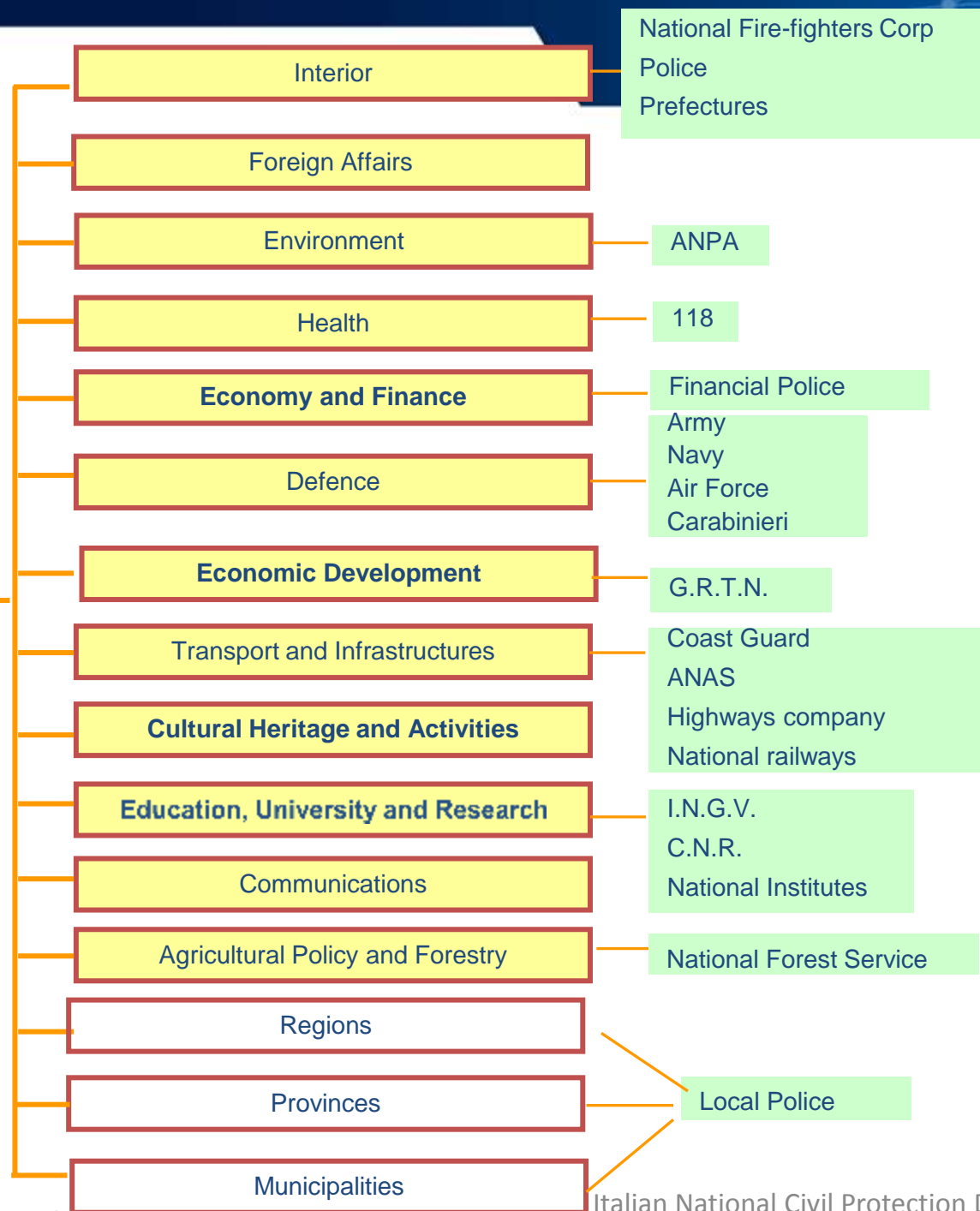
# System Structure

Volunteer Organizations

**PRESIDENCY  
OF THE  
COUNCIL  
OF MINISTERS**

Department of Civil Protection

Private companies



# Role of Civil Protection System

## National level:

- Address general DRR policy and provide guidelines
- Harmonize intervention in order to ensure effectiveness
- Provide financial resources
- Provide high profile technical and scientific knowledge and resources



## Local level:

- Address local priorities, adapt and implement national guidelines accordingly
- Gather data and perform detailed risk analysis
- Ensure first response

## IDCP mandate

To Identify and involve all the public/private structures necessary to cope with the extraordinary events

Ensure unified coordination/direction at national level

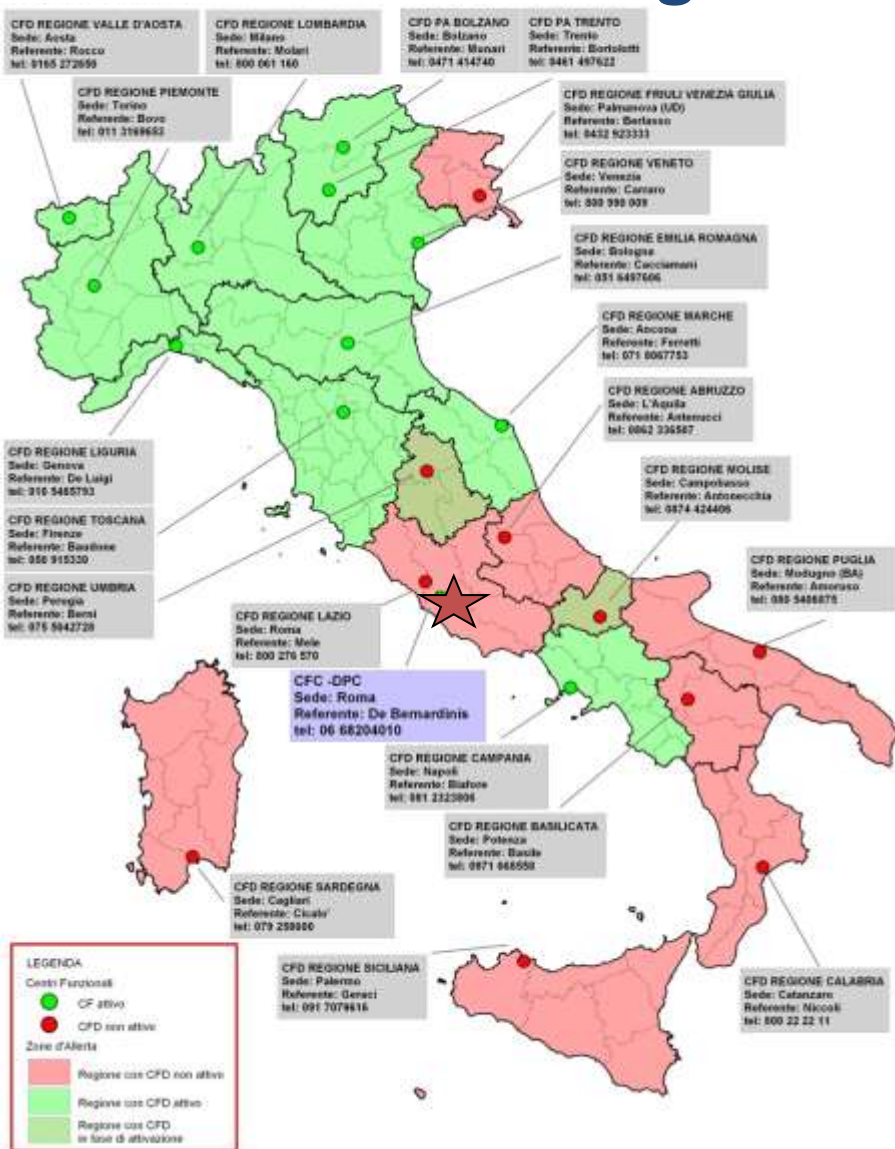
Support all the operational structures involved, collecting and sharing data and information



# Civil protection approach

- Sharing knowledge and responsibility with Local Government Authorities and Technical-Scientific Centres
- Improving monitoring network and forecasting capability (even based on new technologies, e.g. satellite based)
- Training responders
- Training volunteers
- Training Citizens (Enhancing awareness and resiliency)
- International joint training
- Exchange of experience

# Sharing knowledge & responsibility: National Network of Centres for Forecasting and Surveillance of Effects (CFSEs)



21 Planned Regional CFSEs

10 Regional CFSEs fully operating

8 Regional CFSEs partly operating

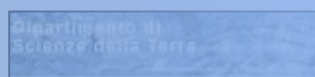
3 Regional CFSEs not operating

1 National CFSE



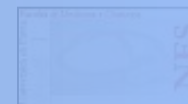
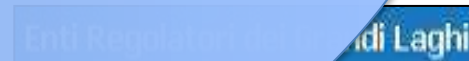
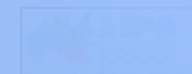
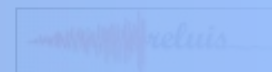


# Sharing knowledge & responsibility: The community scientific network supporting DCP

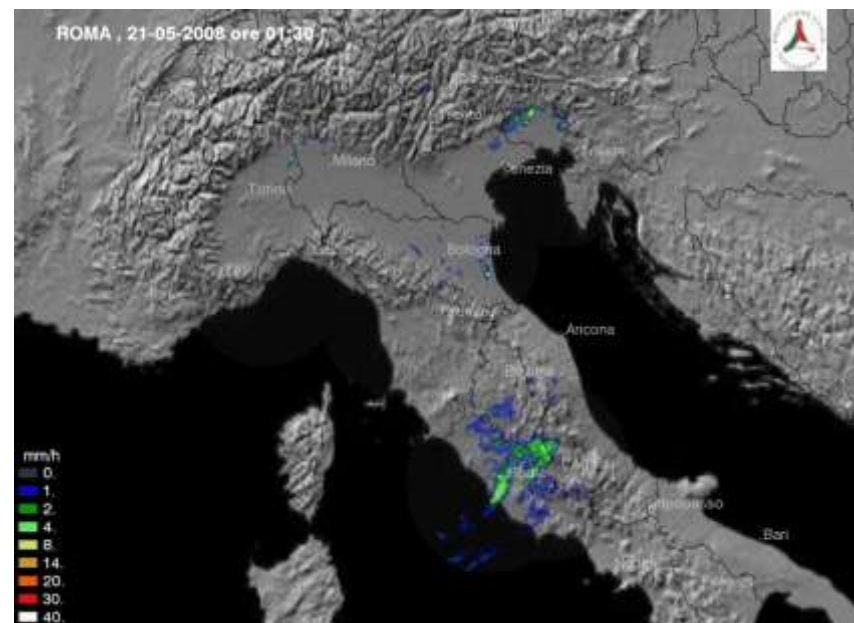
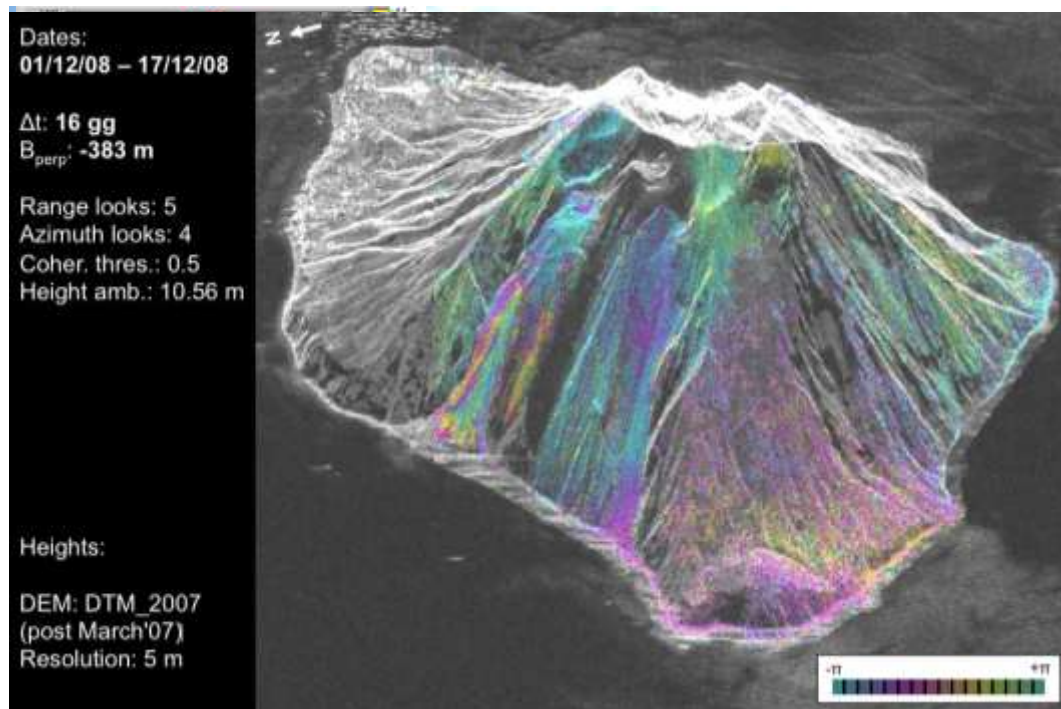


Centro universitario per la difesa idrogeologica dell'ambiente montano

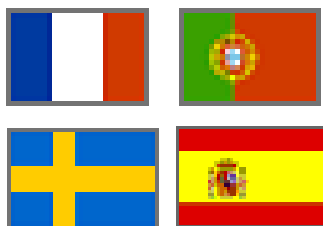
## National Scientific Group for Major Risks (established L. 225/1992)



# Improving monitoring networks:



# Training: International exercises - EU



# Training: International exercises - EU



# Training courses: EU/UNDAC



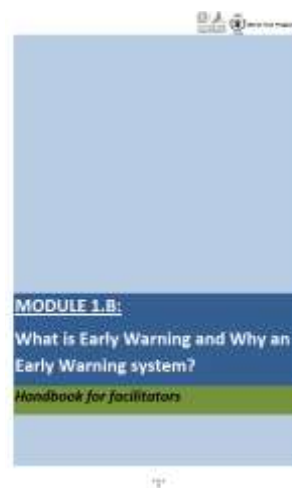
# Exchange and capacity building programs



ISDR  
Peer Review



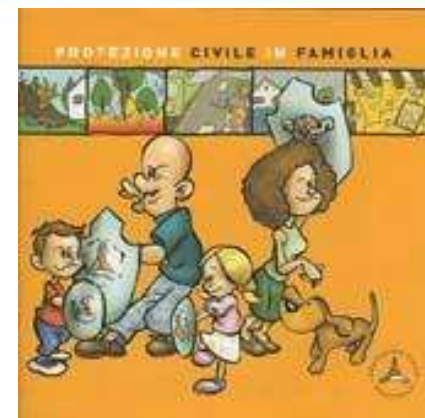
WFP  
National Early Warning  
Capacity Building



# Training people (Enhancing awareness and resiliency)

General Public

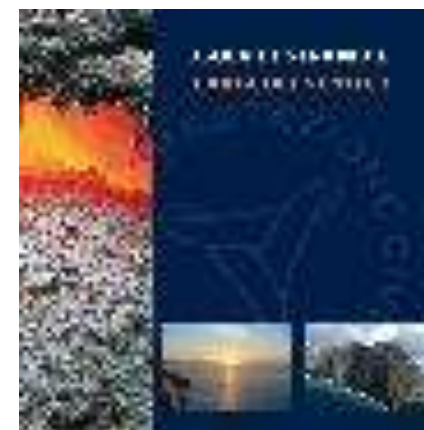
Citizens



Students



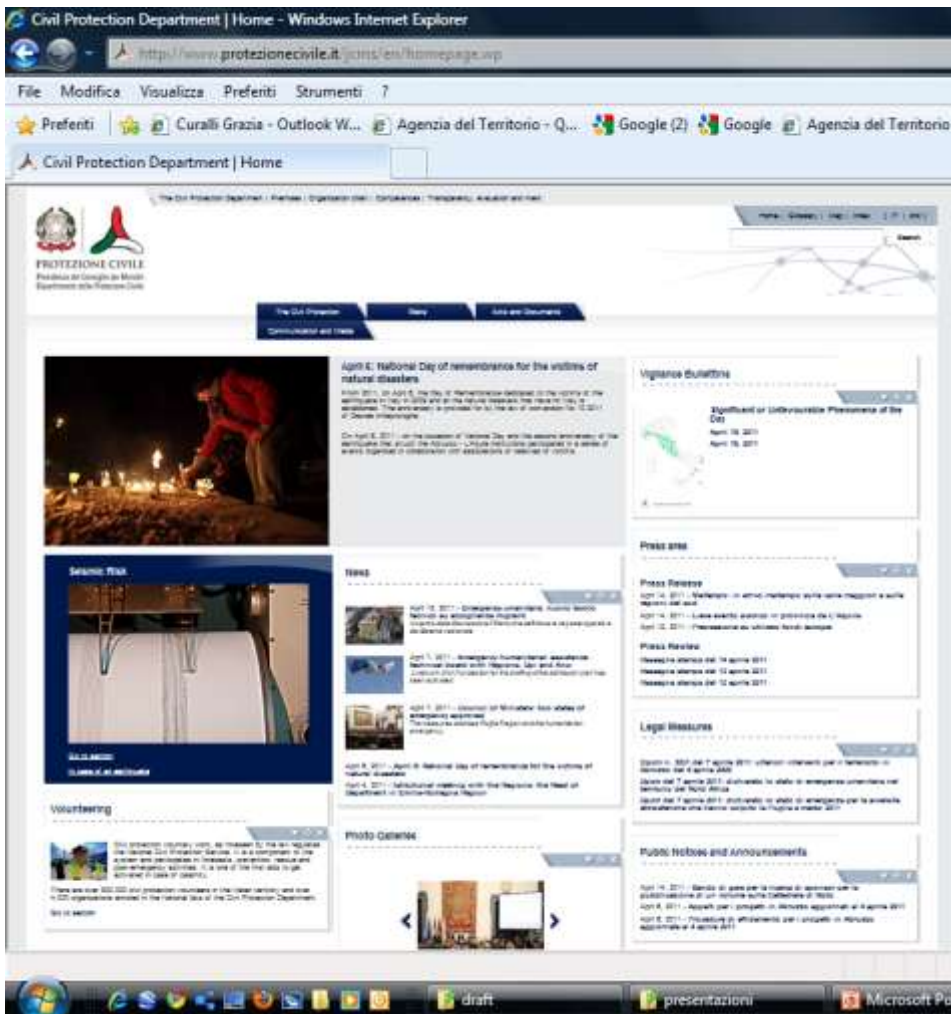
Tourists



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# Coordination

**Volunteer Organizations**

**PRESIDENCY OF THE COUNCIL OF MINISTERS**

Department of Civil Protection

**Private companies**

Interior

Foreign Affairs

Environment

Health

**Economy and Finance**

Defence

**Economic Development**

Transport and Infrastructures

**Cultural Heritage and Activities**

**Education, University and Research**

Communications

Agricultural Policy and Forestry

Regions

Provinces

Municipalities

National Fire-fighters Corp  
Police  
Prefectures

ANPA

118

Financial Police  
Army  
Navy  
Air Force  
Carabinieri

G.R.T.N.

Coast Guard  
ANAS  
Highways company  
National railways

I.N.G.V.  
C.N.R.  
National Institutes

National Forest Service

Local Police

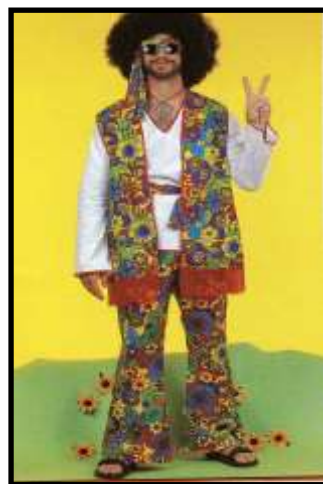
Italian National Civil Protection Department  
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# Coordination challenges

- Why coordination?
- Which coordination? (top down/consensus)
- Too coordinate vs being coordinated (role, responsibility, visibility)?
- Cultural gap/mutual understanding?

**The Aid worker's  
view of the Soldier**



**The Soldier's view  
of the Aid Worker**



# Italian Coordination Mechanism

## The Operational Committee

is set up within the Department of Civil Protection to ensure a unified direction and coordination of emergency management

Dams  
Agency

Monitoring  
forecast  
team

Agency for road  
maintenance

Highway

Railway

Trains

Agency for  
flight control

Alpine Rescue  
Corps

Italian  
Red  
Cross

Police

National Fire  
Brigades

National  
Research Council

Regions and Local  
Autonomies

Volunteers  
organisations

National Institute  
for geophysics  
and volcanology

Italian Television

Agency for  
environment  
protection

National  
health  
system

State Corps  
of Foresters

Electricity  
management  
agencies

Postmaster

Telecommunications companies

Army  
Air Force  
Navy

Head  
Department of  
Civil Protection



# ITALIAN NATIONAL PLATFORM FOR DISASTER RISK REDUCTION



**BACKGROUND**



**RATIONALE**



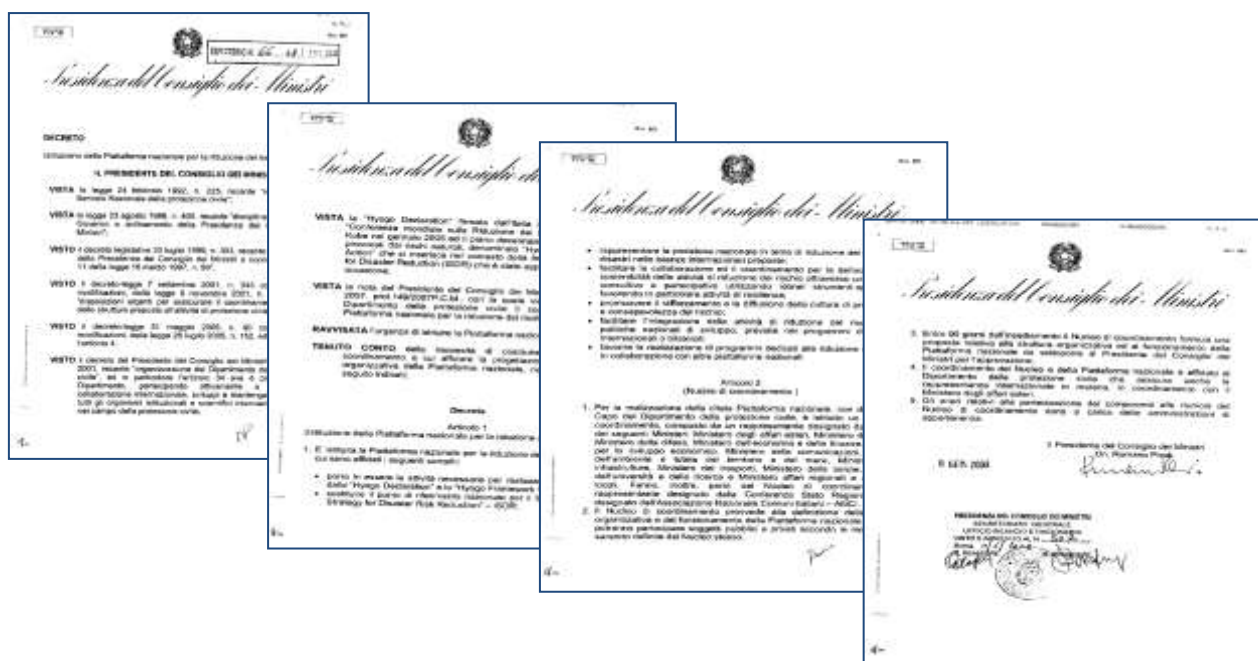
**ORGANIZATIONAL STRUCTURE**

THE TARGET OF THE ANALYSIS CONCERNS DISASTERS LINKED TO THE RISKS AFFECTING THE COUNTRY (EARTHQUAKES, FLOODS, LANDSLIDES, VOLCANOES, FOREST FIRES, TECHNOLOGICAL RISKS, RISKS RELATED TO TRANSPORTS, ENVIRONMENTAL RISK, SANITARY RISKS)

# BACKGROUND

## PRIME MINISTER'S DECREE N. 66/2008

BY WHICH THE PRIME MINISTER ESTABLISHED A NATIONAL PLATFORM FOR DISASTER RISK REDUCTION, ENTRUSTING THE NATIONAL CIVIL PROTECTION DEPARTMENT (IDCP) WITH THE DUTY OF CHAIRING A COORDINATION PANEL CONSISTING OF THE VARIOUS MINISTERIAL REPRESENTATIVES IN CHARGE OF DEFINING THE ORGANIZATIONAL STRUCTURE OF THE PLATFORM AND THE PLATFORM CHARTER



# Goals and principles

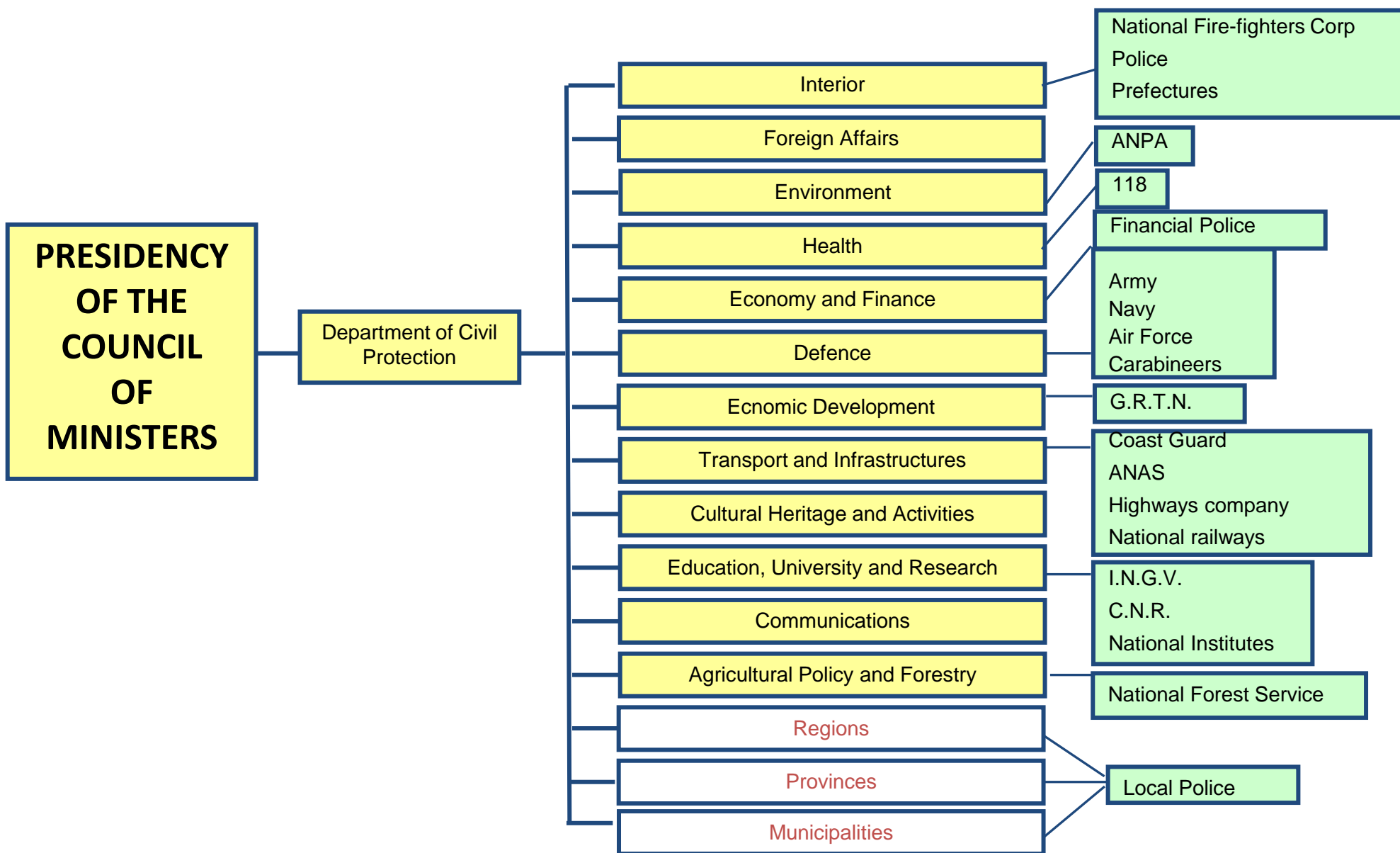
## GOALS: TO FACILITATE

1. CLIMATE CHANGE ADAPTION AND DRR
2. INFORMATION SHARING AND EXCHANGE
3. LOCAL LEVEL IMPLEMENTATION OF HFA

## BASIC PRINCIPLES:

1. BOTTOM UP AND PARTICIPATORY APPROACH – COORDINATION BY CONSENSUS
2. BUILDING ON EXISTING INSTITUTIONS/ORGANIZATIONS
3. AVOIDING THE CREATION OF BUREAUCRATIC LAYERS AND RIGID STRUCTURES
4. NOT ACTING AS A POLITICAL FORUM

# RATIONALE - ICP Structure



# Sharing knowledge & responsibility: The community scientific network supporting IDCP



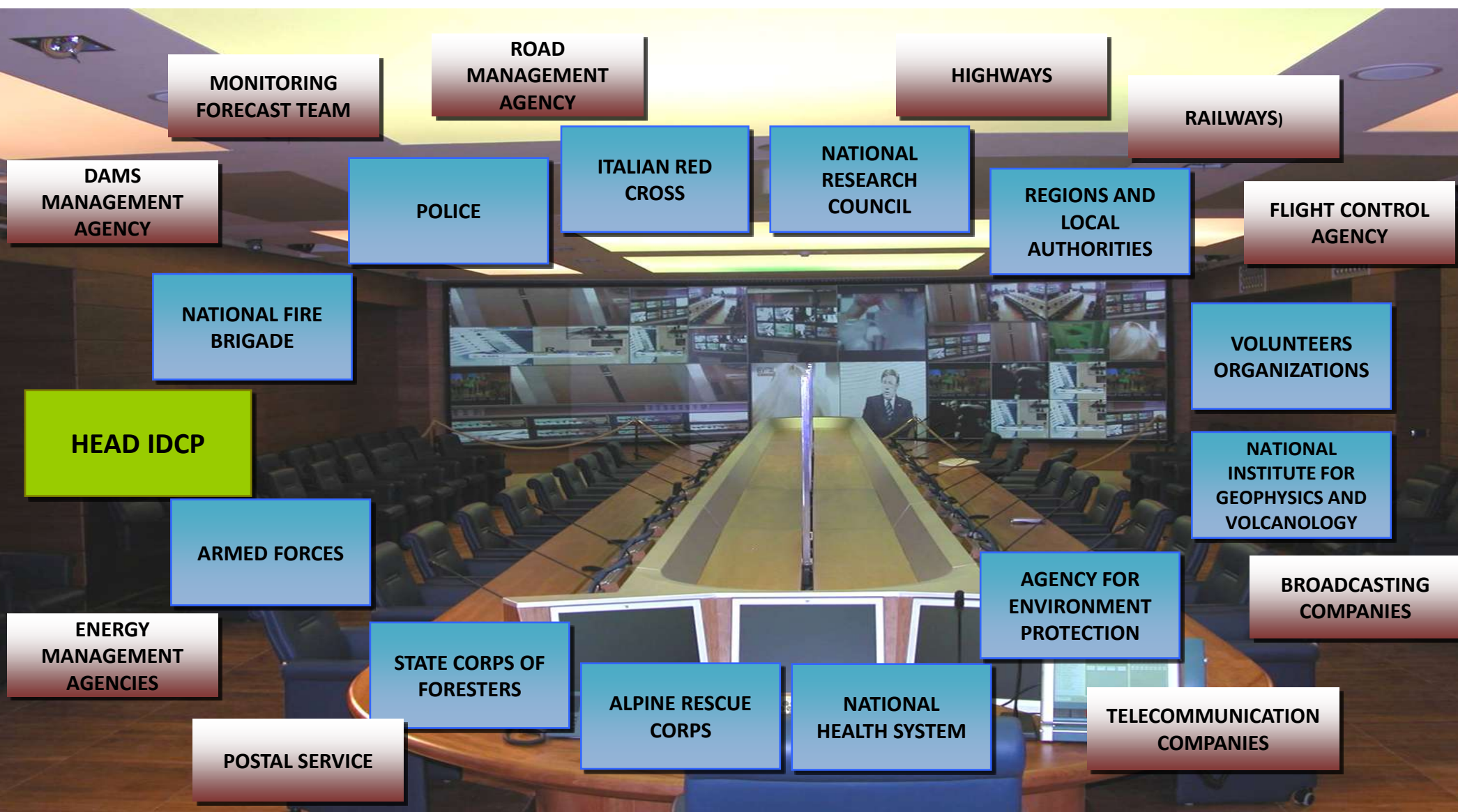
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Enti Regolatori dei Grandi Laghi



# RATIONALE – Civil Protection Operational Committee



## DIRECTIVE of the PM – 2012\*

**GUIDELINES FOR THE COORDINATION OF THE NATIONAL PLATFORM HAVE BEEN SUBMITTED TO THE SIGNATURE OF THE PRIME MINISTER IN ORDER TO:**

- IDENTIFY MEMBERS, THEIR TASKS AND RESPONSIBILITIES;
- DEFINE LINKAGE AMONG POLITICAL, ADMINISTRATIVE, SOCIAL AND TECHNICAL-SCIENTIFIC SPHERES;
- ENSURE THE COUNTRY SYSTEMIC APPROACH;
- ENSURE THE BEST RESOURCE MANAGEMENT;
- ENSURE FULL AGREEMENT ON DRR POLICY AT ALL LEVELS.

# THE MAKING CITIES RESILIENT (MCR) CAMPAIGN

**"I CALL FOR THE NEED OF WORLD LEADERS TO ADDRESS CLIMATE CHANGE AND REDUCE THE INCREASING RISK OF DISASTERS- AND WORLD LEADERS MUST INCLUDE MAYORS, TOWNSHIPS AND COMMUNITY LEADERS"**

UN SECRETARY-GENERAL BAN KI-MOON AT THE OPENING OF THE INCHEON CONFERENCE "BUILDING AN ALLIANCE OF LOCAL GOVERNMENTS FOR DISASTER RISK REDUCTION", AUGUST 2009



THE 2010-2011 WORLD DISASTER REDUCTION CAMPAIGN "MAKING CITIES RESILIENT" ADDRESSES ISSUES OF **LOCAL GOVERNANCE** AND **URBAN RISK** WHILE DRAWING UPON PREVIOUS ISDR CAMPAIGNS ON **SAFER SCHOOLS AND HOSPITALS**, AS WELL AS ON THE SUSTAINABLE URBANIZATIONS PRINCIPLES DEVELOPED IN THE UN-HABITAT WORLD URBAN CAMPAIGN 2009-2013

# HFA & MCR IMPLEMENTATION STRATEGY

## AT NATIONAL LEVEL

- INVOLVING NATIONAL AND REGIONAL ADMINISTRATIONS IN A PERMANENT DIALOGUE ON DISASTER RISK REDUCTION
- COORDINATING THE ITALIAN PLATFORM FOR DISASTER RISK REDUCTION
- PROMOTING CROSS-SECTORAL PROGRAMMES, PROJECTS AND INITIATIVES
- STIMULATING LEGISLATIVE INNOVATION



## AT LOCAL LEVEL

- SUPPORTING MUNICIPALITIES, INTERMUNICIPAL ORGANIZATIONS AND PROVINCES IN DEVELOPING THEIR OWN RISK KNOWLEDGE BASE, FORECASTING AND PREVENTION SYSTEMS, CONTINGENCY AND EMERGENCY PLANS.
- PROMOTING DISASTER RISK TRAINING, EDUCATION, AWARENESS
- FACILITATING LOCAL CAMPAIGNS, EVENTS, FORUMS

## WHAT HAS BEEN DONE - Involvement of local administrations

- ACTIVATION OF THE ITALIAN NATIONAL PLATFORM FOR DISASTER RISK REDUCTION, INVOLVEMENT OF NATIONAL-LEVEL ADMINISTRATIONS AND REGIONAL ADMINISTRATIONS;
- DISASTER RISK AWARENESS CAMPAIGNS AT LOCAL LEVEL, WITH PARTICULAR REGARDS TO SCHOLARS AND VOLUNTEERS;
- PROMOTION OF THE MAKING CITIES RESILIENT CAMPAIGN INITIATIVE AND OBJECTIVES;
- ORGANIZATION OF LOCAL, NATIONAL AND INTERNATIONAL EVENTS ON DISASTER RISK REDUCTION;
- SUPPORT AND ASSISTANCE TO LOCAL AUTHORITIES.



### ROLE MODEL CITY : VENICE

THE CITY OF VENICE, LOCATED INTO A LAGOON WITH A FRAGILE BALANCE AMONG LAND AND SEA, HAS EVOLVED DURING ITS LONG HISTORY MANAGING TO PRESERVE ITS APPEARANCE OVER TIME AND ITS CHARACTERISTICS THROUGH THE DEVELOPMENT OF SPECIFIC RISK PREVENTION AND ADAPTATION SKILLS.

VENICE HAS BEEN APPOINTED AS A **ROLE MODEL CITY** BECAUSE OF ITS EFFORTS TOWARDS THE **PROTECTION OF ITS IMMENSE CULTURAL HERITAGE**. ITS MAJOR HAS BEEN APPOINTED **CAMPAIGN CHAMPION**

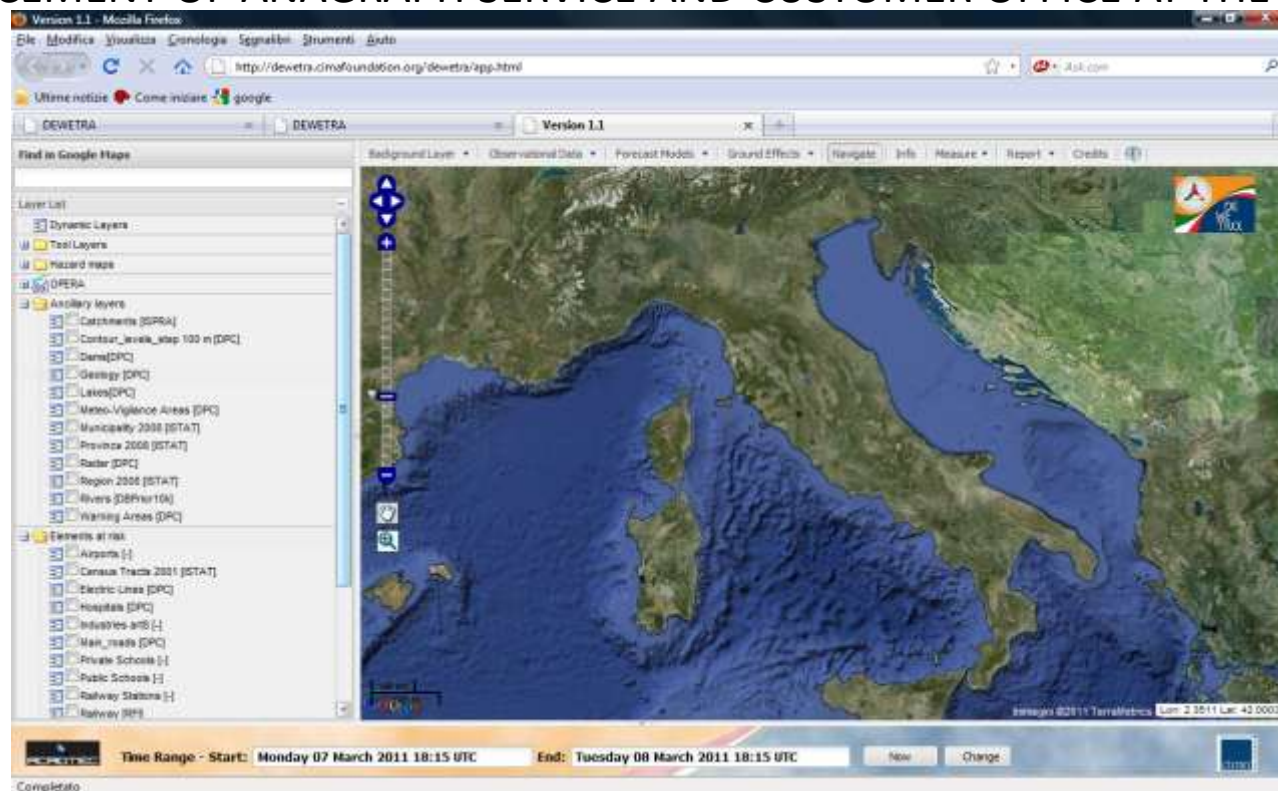
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## WHAT HAS BEEN DONE – supportive initiatives

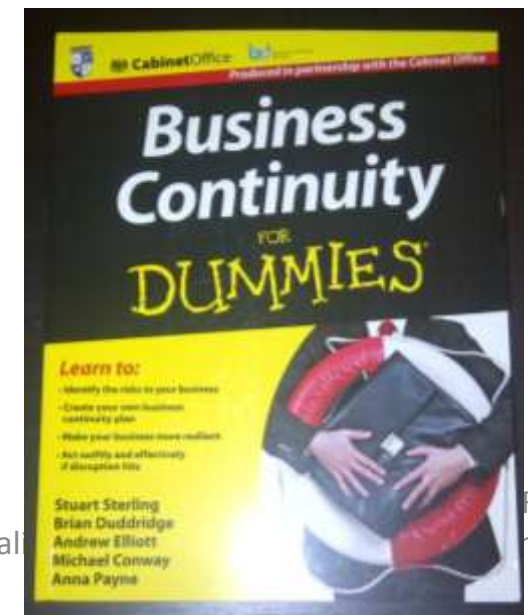
- EXCHANGE OF EXPERTS
- BUSINESS CONTINUITY:
  - DL. ABRUZZO: 1MLD€ FOR SAFE RECONSTRUCTION OF SCHOOLS IN THE EARTHQUAKE AREA
  - EMILIA ROMAGNA DL: TECHNICAL GUIDELINES FOR THE QUICK FIXING OF INDUSTRIAL BUILDINGS AND EARLY RECOVERY OF FINANCIAL ACTIVITIES,
  - CALABRIA EXERCISE: QUICK REPLACEMENT OF ANAGRAPH SERVICE AND CUSTOMER OFFICE AT THE MUNICIPAL LEVEL
- “DEWETRA” PLATFORM, FOR DATA AND INFORMATION COLLECTION ANALYSIS AND EXCHANGE



## International exchange of experiences - the UK Peer Review

### Best practises collected

- A SCIENTIFIC SYSTEM SUPPORTS DECISION MAKING PROCESS; CHIEF SCIENTIST DIRECTLY REFERS TO CABINET OFFICE
- NATURAL HAZARD PARTNERSHIP;
- FLOOD FORECASTING CENTRE STAFFED WITH HYDROLOGISTS AND METEOROLOGISTS FACILITATES MUTUAL UNDERSTANDING, THUS IMPROVING PERFORMANCES;
- SPECIAL COMMUNICATION UNIT COORDINATES SPREADING OF CONSISTENT MESSAGES;
- BUSINESS CONTINUITY PLANNING:
  - BUSINESS CONTINUITY FOR DUMMIES
  - PRIVATE COMPANIES ARE FULLY SUPPORTING RESILIENCE POLICIES: E.G. 83% OF INSURANCE COMPANIES OFFER DISCOUNT TO CUSTOMERS WHO ARE ADOPTING BUSINESS CONTINUITY PLANS



Italy

Rossi  
ment  
Unit

PLEASE RISE YOU QUESTIONS

# Shukren

THANK YOU FOR YOUR ATTENTION