

The National Civil Protection Service

A System at the service of the Country

SUMMER SCHOOL 2025 ORVIETO-TODI - III.

RISK MANAGEMENT KNOWLEDGE, FORECASTING, PREVENTION, PROTECTION,
PLANNING, PREPAREDNESS



Foligno, July 21 - 2025

ITALY: A COUNTRY PRONE TO DISASTERS

Earthquake

Most of Italian territory is prone to seismic risk



Forest Fires

30 % of the Italian territory is exposed to the risk of forest fires

Volcanoes

10 volcanoes, 2 active and 8 quiescent.
Vesuvio and Campi Flegrei at very high risk



Tsunamis

Italy has been affected by historical tsunamis

Hydraulic and Hydrogeological risk

91% of Italian municipalities are exposed to hydro-geological risk



Drought

Due to climate change the drought risk has increased

OTHER RISKS

THE NATIONAL SERVICE CAN BE ACTIVATED FOR THE FOLLOWING TYPES OF RISKS:

- Chemical
- Nuclear
- Radiological,
- Technological
- Industrial
- Transport
- Environmental,
- Sanitary,
- Return or fall to earth from outer space of objects and space debris
- Kinetic effect
- cyber/hybrid attacks



MORE THAN 1000 INDUSTRIAL PLANTS
AT SIGNIFICANT RISK

THE BIRTH OF THE SYSTEM

1980

Earthquake
Irpinia

MW 6.8

Campania

2734 casualties



Despite the tremendous effort this disaster came to prove the **initial lack of coordination**



Epicenter of the seismic event still to be defined
3 days after emergency outbreak

1982 - ESTABLISHMENT OF THE DEPARTMENT OF CIVIL PROTECTION

FUNDAMENTAL ASPECTS



Not only **RESCUE** but
PREVENTION, PREPAREDNESS,
OVERCOMING THE EMERGENCY
and **ORGANIZATIONAL**
COORDINATION among various
Administrations

The **Department of Civil**
Protection is placed directly
under the **Presidency of the**
Council of Ministers

“To safeguard human life and health, goods, the national heritage, human settlements, animals and the environment from both natural or man-made disasters”.

DISASTER CYCLE MANAGEMENT AND MAIN ACTIVITIES

FORECASTING

Risk scenario
identification and study

RECOVERY

Resumption of
normal living
conditions



PREVENTION AND PREPAREDNESS

Risk reduction

EMERGENCY MANAGEMENT

Relief and assistance

MAIN PLAYERS

The **Italian Department of Civil Protection** coordinates the **National Service of Civil Protection** which involves several Private and Public Bodies/ Organisations :

PUBLIC (Government, Ministries, Regions, Provinces, Municipalities, Emergency Services & other “Operational Bodies” etc.)

SCIENTIFIC/ACADEMIC INSTITUTIONS (Universities, Research Bodies, etc.)

CIVIL SOCIETY (Volunteers, private companies, professional associations, etc.)



OPERATIONAL COMPONENTS OF THE SYSTEM



National Fire Corps



Italian Air Force



Italian Army



Italian Navy



Carabinieri Corps - Military Police



Italian National police



Finance Guard Police



Italian Coast Guard



Italian Red Cross



Italian National Health Service



Voluntary Organizations



National Alpine and Speleological Rescue Corps



National Research Institutions



CNR- National Research Center of Italy



ISPRA - Italian Institute for Environmental Protection and Research



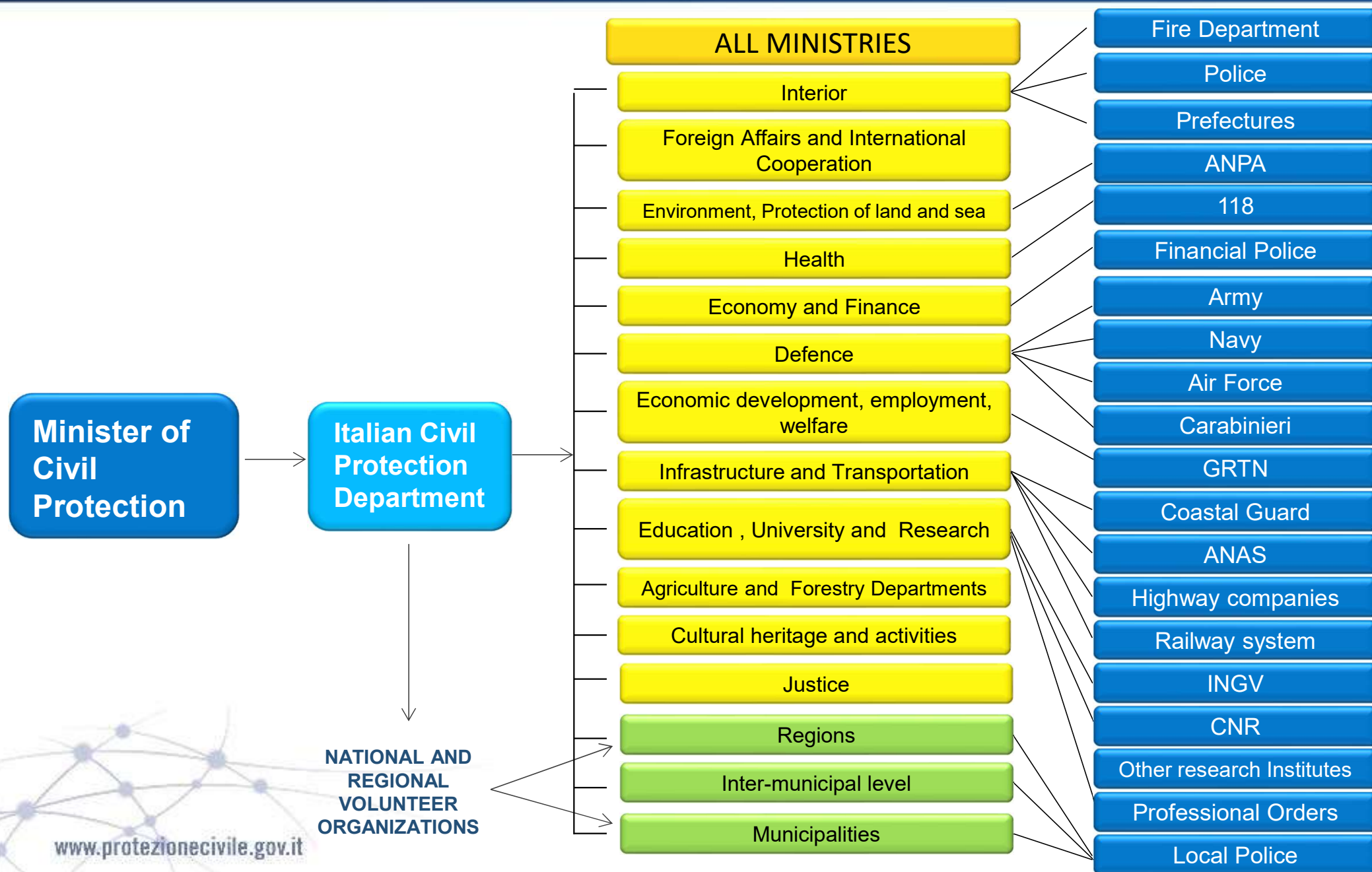
INGV-National Institute of Geophysics and Volcanology

Civil protection in Italy can be equated to a

FUNCTION

within a COMPLEX and COMPREHENSIVE SYSTEM
and **NOT** TO A TASK assigned
to a single administration

ORGANISATIONAL STRUCTURE DURING AN EMERGENCY



NATIONAL AND LOCAL CIVIL PROTECTION AUTHORITIES

THE PRESIDENT OF THE COUNCIL OF MINISTERS appointed the Minister of Civil Protection who avails himself of :

The Department of Civil Protection to address and coordinate the National Service of Civil Protection to ensure the unified representation envisaged by the European Union and international bodies operating in the field of civil protection;

the Prefectures – Local Government Offices.



PRESIDENTS OF THE REGIONS AND AUTONOMOUS PROVINCES OF TRENTO AND BOLZANO

TOWN MAYORS AND CITY MAYORS


CIVIL PROTECTION OPERATIONAL COMMITTEE



Activated in case of a state of emergency at national scale



Convened at the Headquarter Office of the Department of Civil Protection in Rome



It ensures an efficient and coordinated management of all relief operations in response to a national scale emergency.

DECISION-MAKING



COORDINATION OPERATING CENTER ITALIAN SITUATION ROOM



ACTIVITIES

Day and night
(24/7/365)

MONITORING

In charge of
issuing
**ACCOUNTABLE
and REAL TIME
INFORMATION**
from the entire
Italian territory

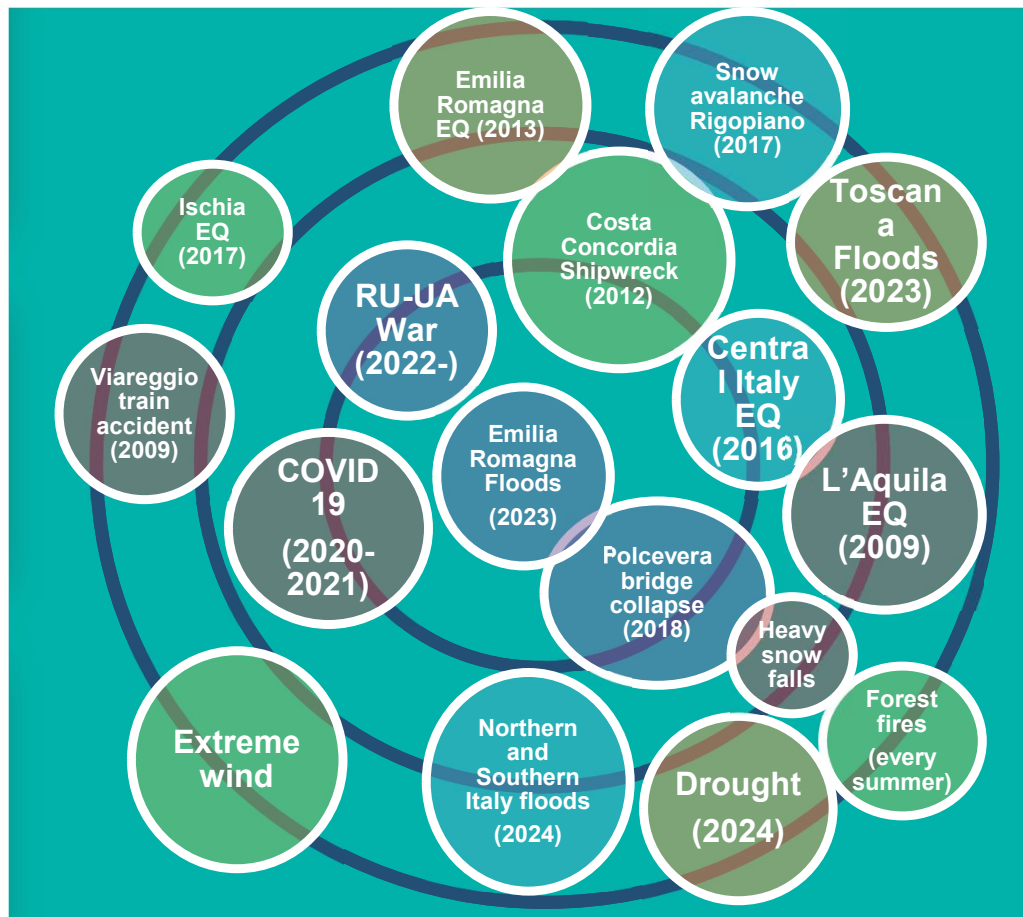
SUPPORT

To the
Operational
Committee
and/or Crisis
Unit

PERSONNEL

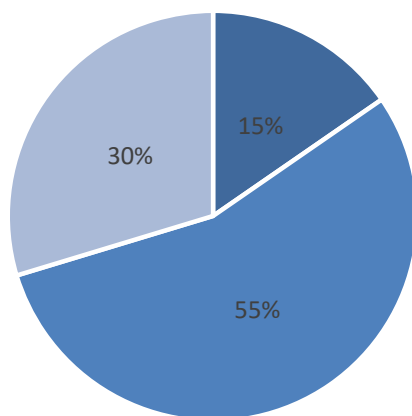
Department of Civil
Protection
Fire Department
Armed Forces
Police
Carabinieri
Red Cross
Revenue Guard Police
Coast Guard Police

EMERGENCIES IN THE LAST 16 YEARS



EMERGENCIES IN A TIME WINDOW OF 10 YEARS

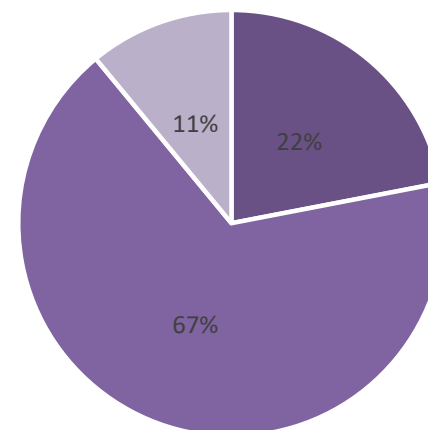
EMERGENCIES VS MACRO-TYPE



■ Antropico ■ Climatico ■ Vulcanico-tettonico

EMERGENCIES	Total	ANNUAL RATE
Antropic	14	2
Climatic	50	5
Vulcanic-tettonic	27	3

EMERGENCIES VS LEVEL OF ACTIVATION



■ S1 ■ S2 ■ S3

EMERGENCIES	S1	S2	S3
Total	20	61	10
ANNUAL RATE	2	7	1

Thanks for your attention