



OGS

Istituto Nazionale
di Oceanografia
e di Geofisica
Sperimentale

European Antelope User Group Meeting

Wien, 5-7 June 2023



The **National Institute of Oceanography and Applied Geophysics - OGS** is a public internationally oriented research institution funded by the **Italian Government**, which operates internationally in the field of:

- physical, chemical, biological and geological oceanography
- experimental and exploration geophysics
- seismology and seismology applied to engineering

Our missions

Sea and Ocean

Understanding sea and ocean to promote sustainability and ecosystem health

1



Earth processes

Understanding Earth processes to drive sustainable development

2



Natural risk

Understanding natural risk to build prepared and resilient communities

3



Polar areas

Exploring Polar areas to understand the Planet and its changes

4



Open science

Fostering open Science to widen the user community of scientific data

5



Mission 3

Understanding **Natural Risk** to build prepared & resilient communities

- Hazard processes and mechanisms
- Forecasting and risk scenarios
- Integrated multi-risk
- Impact assessment and risk mitigation
- Rapid emergency response

One of the main objectives of the OGS is to prevent risks and reduce the loss of human life, economic losses and damage to the environment and territory, by improving and disseminating knowledge about natural and anthropogenic phenomena and their consequences, and by enhancing the technological infrastructure for measurement and control.



OGS

National Institute
of Oceanography
and Applied
Geophysics



OGS as Competence Centre for DPC

OGS is a **Competence Centre (CC)** of the Italian Department of Civil Protection (DPC) on:

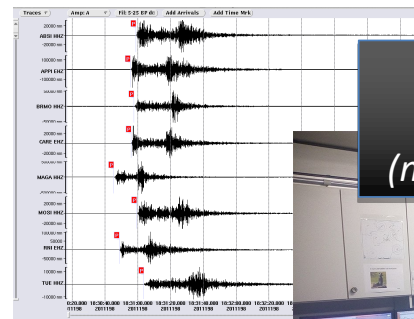
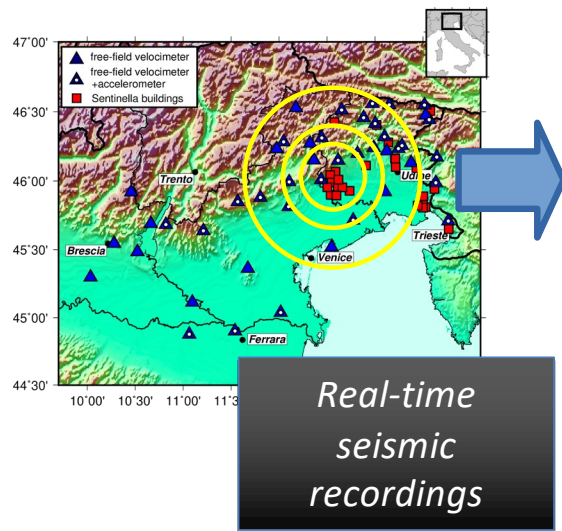
- Highly qualified technical support for rapid emergency response on land/sea
- Integrated analysis of geophysical, oceanographic and biological data
- Direct scientific advice, also in collaboration with other CCs, on topics of institutional interest



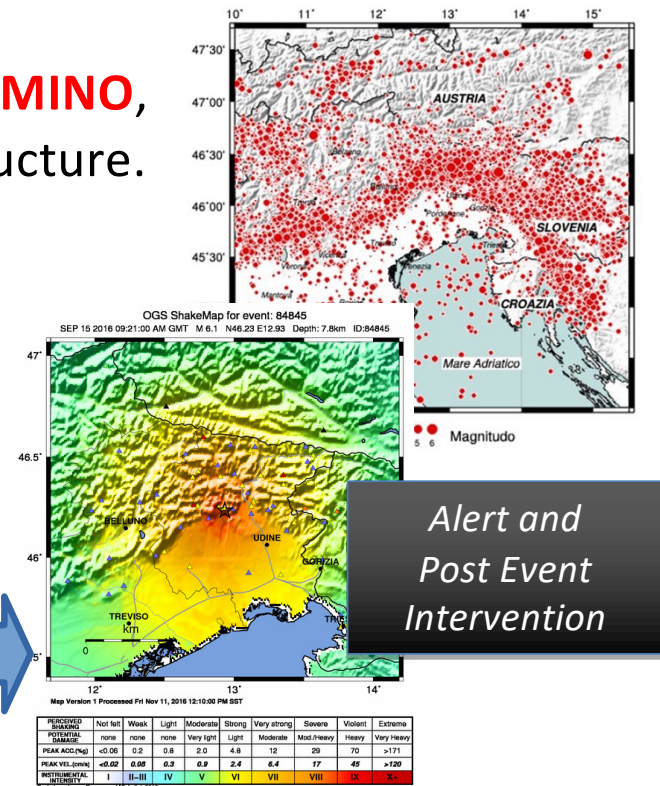
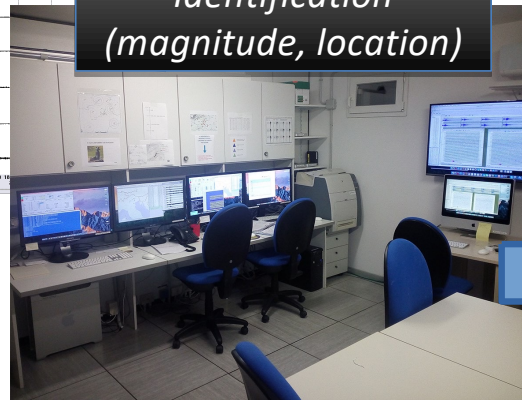
The Seismological Research Centre - CRS

CRS is a research department of OGS.

CRS-OGS is responsible for the management and operation of **SMINO**, the northeastern Italy seismic and geodetic monitoring infrastructure.

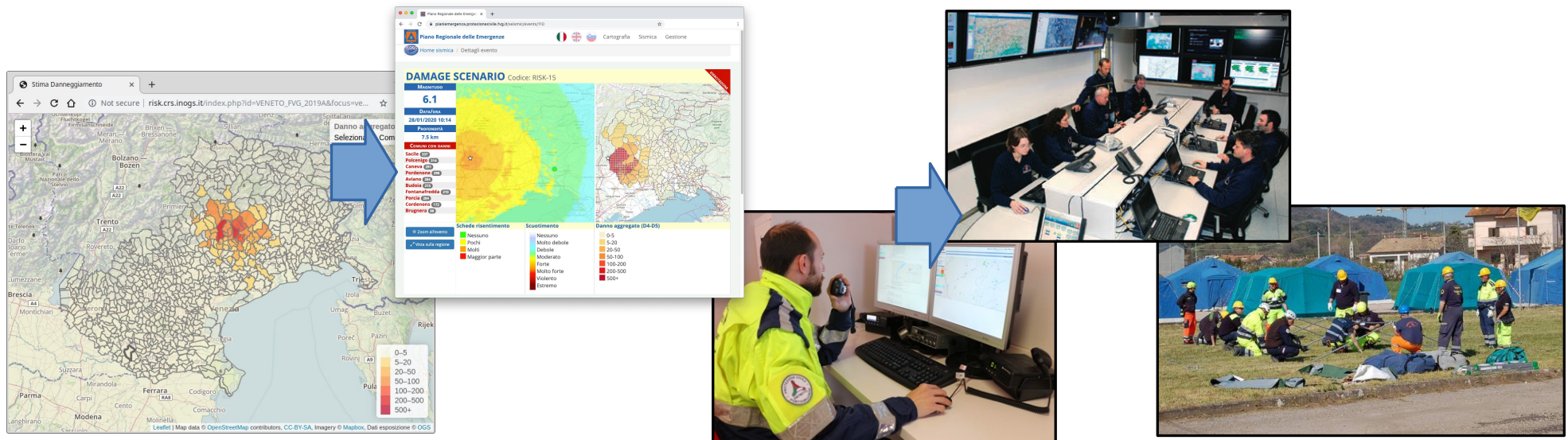


*Event
Identification
(magnitude, location)*



CRS-OGS for the Regional Civil Protection

CRS-OGS has extensive experience in seismicity analysis, earthquake hazard and risk assessment, emergency management, and post-event intervention for the **Regional Civil Protection of Northeast Italy**





[export in xls format](#) [export in csv format](#)

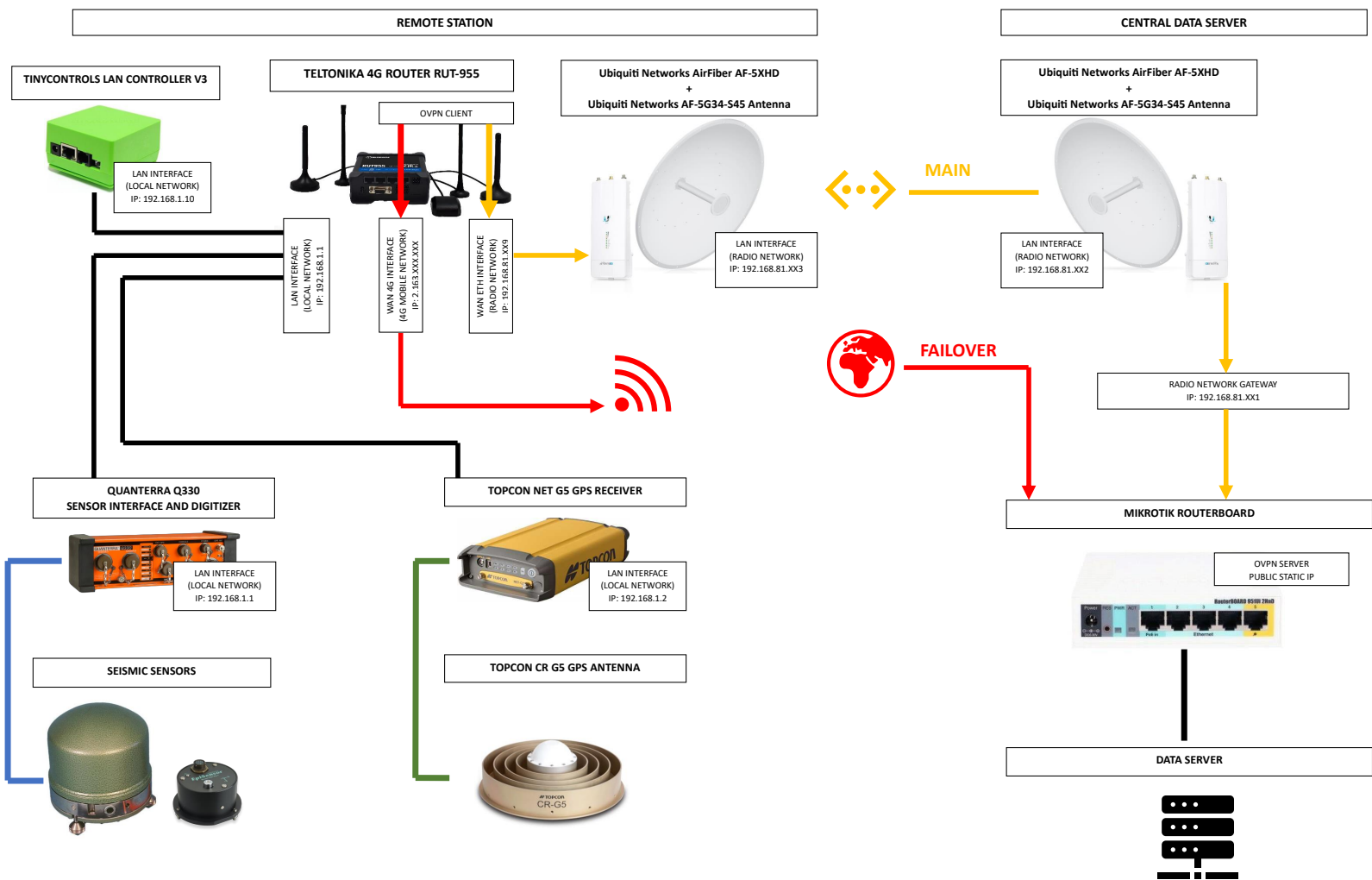
OGS-ALL ☒ OGS-ACC ☒ OGS-BB ☒ OGS-SP ☒ other networks ☒

Caption

- | | | | |
|-------------------------|--------------------------------------|--------------------------------|-------------------------------------|
| OGS Network | Switzerland Seismic Network | Italy National Seismic Network | MedNet |
| Austria Seismic Network | Provincia di Bolzano Seismic Network | Slovenia Seismic Network | Provincia di Trento Seismic Network |







Teltonika Networks - RUT955_crs

Not secure | 192.168.1.1/#/network/mwan

MODE
ADVANCED

USER
ADMIN

FW VERSION
RUT9_R_00.07.02.7

LOGOUT

STATUS

NETWORK

SERVICES

SYSTEM

MOBILE
INTERFACES
WIRELESS
FAILOVER
FIREWALL
VLAN
ROUTING
DNS

TELTONIKA | Networks

MODE
ADVANCED

USER
ADMIN

FW VERSION
RUT9_R_00.07.02.7

LOGOUT

FAILOVER / LOAD BALANCING INTERFACES

Falover

	METRIC	NAME	TYPE	INTERVAL	STATUS	
+	1	wan	Wired	3	Interface stopped	<div>off on</div> <div></div>
+	2	mob1sta1	Mobile	3	Disabled	<div>off on</div> <div></div>

RULES

	PRIORITY	NAME	SOURCE ADDRESS	SOURCE PORT	DESTINATION ADDRESS	DESTINATION PORT	PROTOCOL	USE POLICY	
+	1	default_rule	-	-	0.0.0.0/0	-	-	default (Falover)	<div></div> <div></div>

ADD NEW INSTANCE

RULE NAME

ADD

SAVE & APPLY

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ADVANCED

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FIREWALL

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DNS

TELTONIKA | Networks

INTERFACE CONFIGURATION

Enable ☒

Interval 3

Flush connections on

RULE

Method Ping

Track IP 192.168.83.1

Reliability 1

Count 1

Up 3

Down 3

SAVE & APPLY

ADD

SAVE & APPLY

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Thank you