

EPOS Data Portal

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EPOS Data Portal

Outline:

- 1. Introduction of the EPOS ecosystem (5 min)
- 2. Demonstration of EPOS Data Portal by following a scientific user story (25 min)



EUROPEANPLATEOBSERVINGSYSTEM.

MOVING TOWARDS GLOBAL SCIENCE

MISSION: To establish a sustainable and long-term access to solid Earth science data and services integrating diverse European Research Infrastructures under a common federate framework



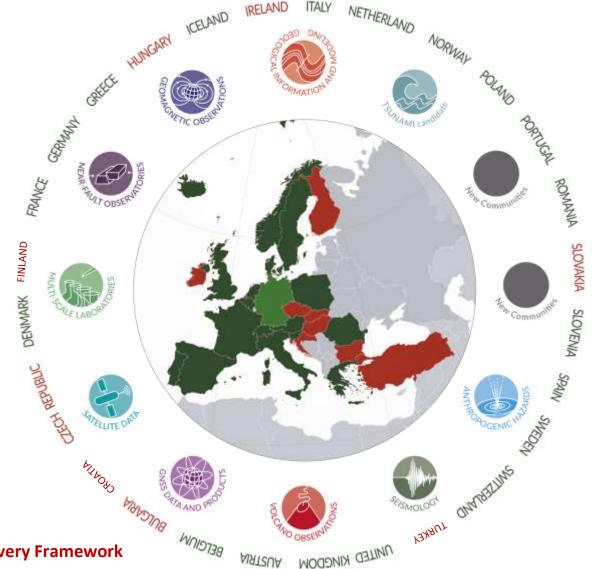
EPOS Timeline





EPOS ERIC is a legal entity composed of 18 European countries

- The legal form adopted by EPOS is a "European Research Infrastructure Consortium" (ERIC).
- The role of the ERIC is to **operate** EPOS as a pan-European distributed research infrastructure (RI).
- The EPOS ERIC legal seat is in Italy (INGV, Rome)
- Overall, EPOS ERIC ensures joint strategies to achieve scientific and technological innovation across all stakeholders involved and tackles the sustainability challenge with harmonized approaches.

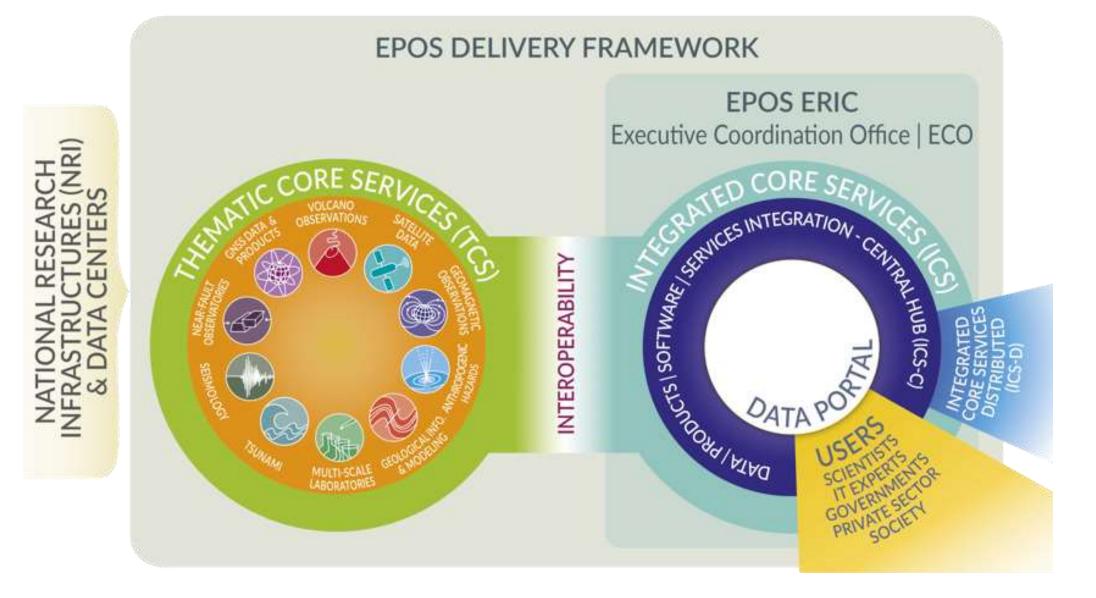


Status in September 2023:

In green country members (dark) and observers (light) of the ERIC In red, countries not in the ERIC, but still participating to the EPOS Delivery Framework

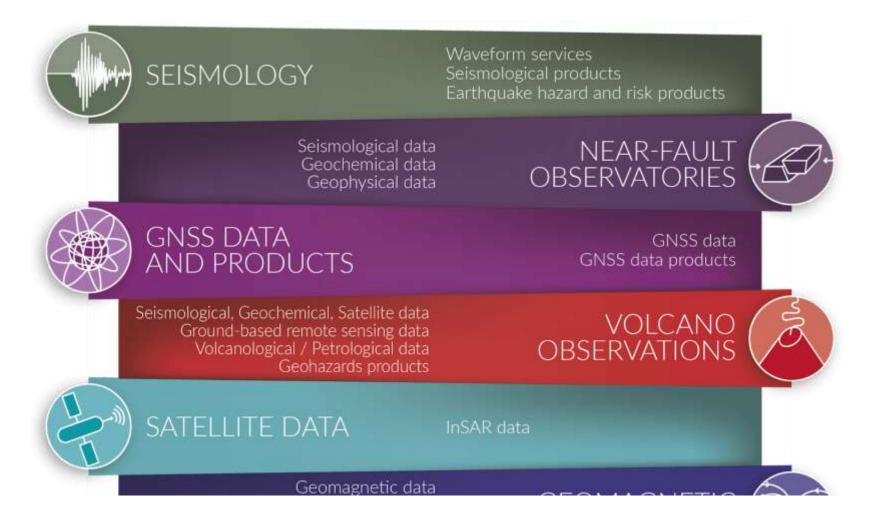


The EPOS architecture



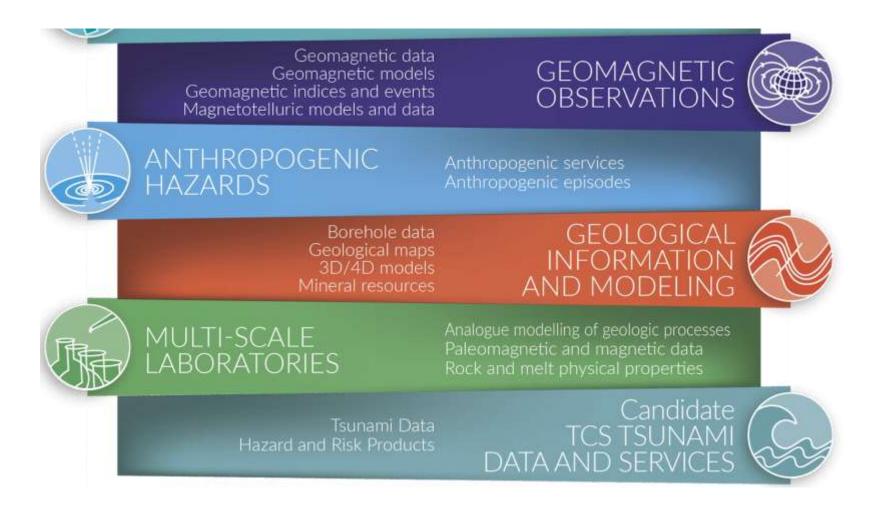


EPOS Thematic Core Services



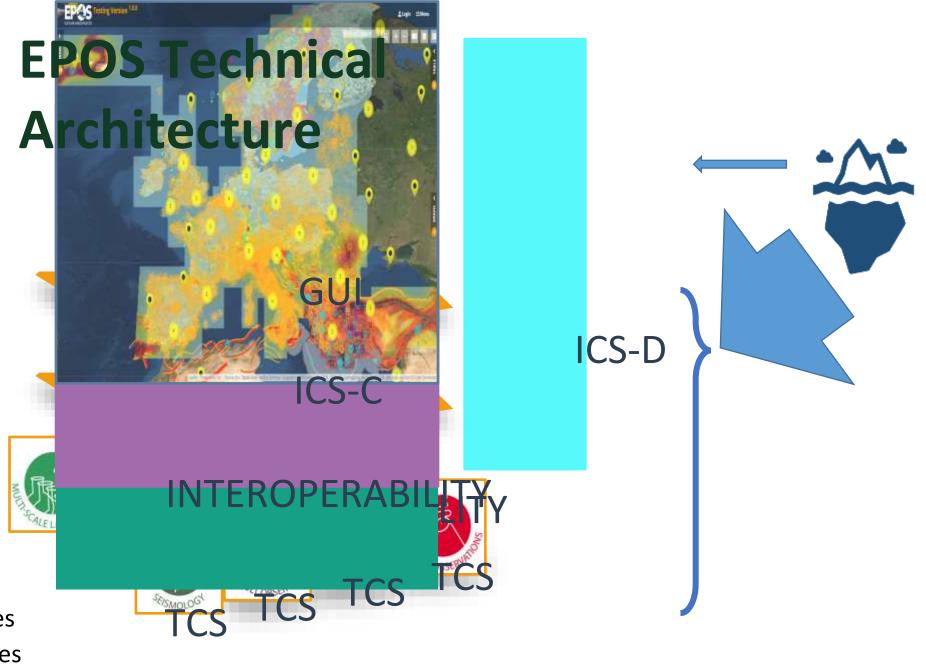


EPOS Thematic Core Services

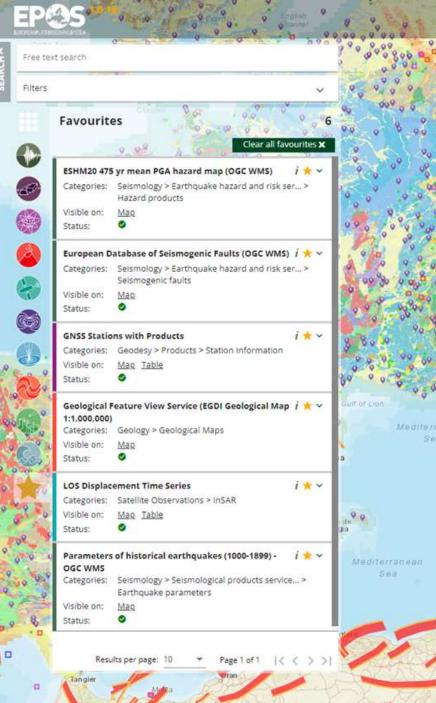




How it works ...



TCS ... Thematic Core Services ICS ... Integrated Core Services



EPOS Data Portal is truly FAIR!

EPOS Data Portal is the place where FAIR principles and practices are implemented thanks to the adoption of a co-development approach and harmonization actions across communities of developers and data providers.

https://www.ics-c.epos-eu.org/

Leaflet | Powered by Esri | Esri, HERE, Garmin, NGA, US



EPOS Data Portal

Live demo



Try it! Use it!

ics-c.epos-eu.org





How can you contribute to EPOS?

- Provide high quality data (and metadata)
- Start using the EPOS Data Portal
 - Teaching
 - Outreach
 - Cross-disciplinary research requires knowledge of individual scientific domains I learning requires time / steep learning curve
- Provide feedback