

EPOS FACTS



26 Countries involved in the integration plan



20 Countries in EPOS ERIC



256 Research Institutions



264 Integrated data and services

EPOS is FAIR



Open access to data and high-level services from research infrastructures for cross-disciplinary research



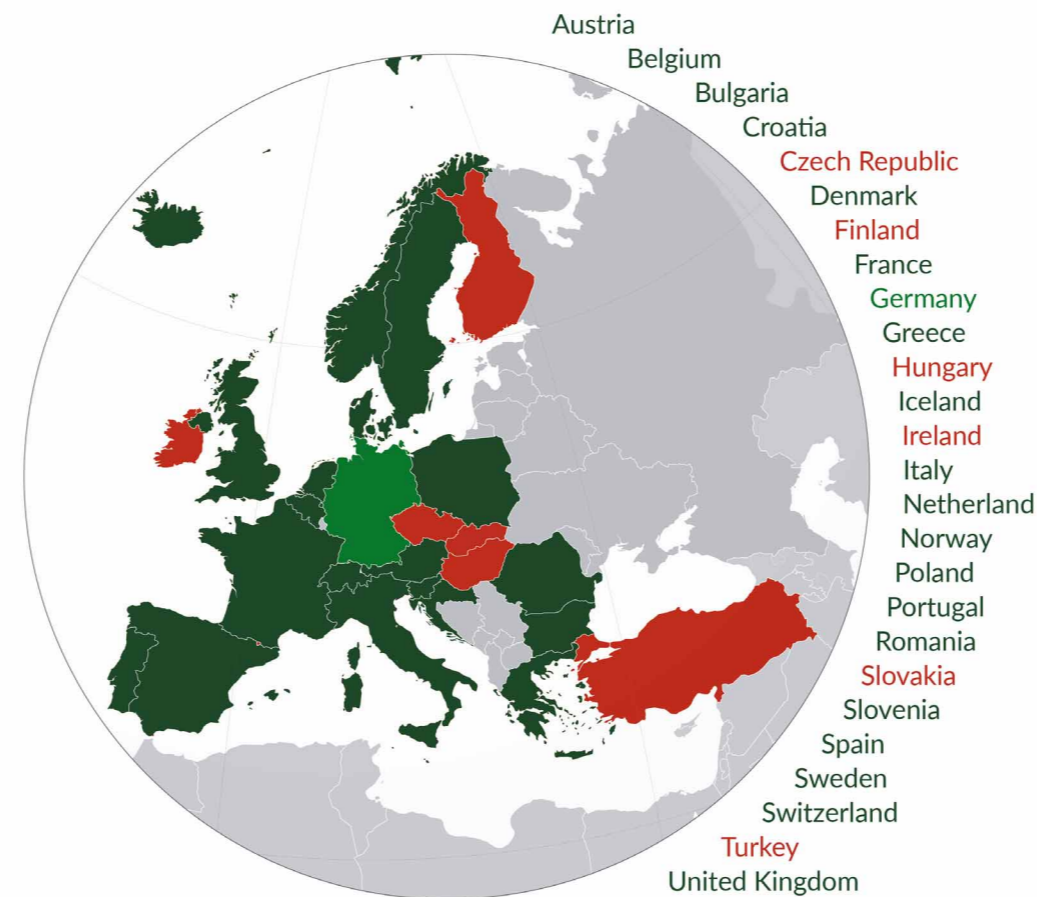
Services for data access e.g. technologies needed to provide access to data, including AAI technologies and web services



FAIR metadata e.g. creation or reuse of metadata standards and vocabularies for describing datasets, services and other resources



FAIR data e.g. harmonization of data made available under clear usage conditions licenses



■ Members ■ Observers ■ Included in the integration plan

EPOS
the pan-European
distributed research
infrastructure for
SOLID EARTH SCIENCE
enabling
EXCELLENT SCIENCE
to understand
planet Earth dynamics
for a safe and
sustainable society



www.epos-eu.org



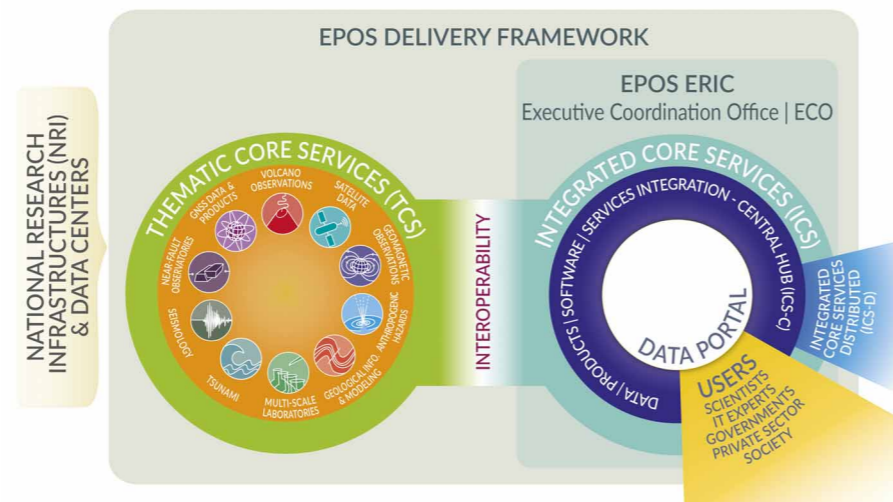
www.epos-eu.org

www.epos-eu.org



How EPOS works

EPOS, the European Plate Observing System, is the only research infrastructure for solid Earth science in Europe. EPOS promotes **open science** and it is committed to enable excellent science and innovation. Born in 2007 with the aim of developing a long-term plan for sharing and harmonizing scientific data and products, it integrates about 150 national research organizations into a single distributed infrastructure.



EPOS community is currently organized in **10 Thematic Core Services**, covering a great variety of solid Earth science disciplines.

Integration of the existing national and trans-national Research Infrastructures.

Interoperability of thematic services for a multidisciplinary community of users.

Progress in science and improvement in geo-hazard assessment, risk mitigation and sustainable management of geo-resources.

Sustainability through strategic investments in research infrastructures at national and international level.

The EPOS Data Portal

The **Data Portal** is the **platform** that provides an **unprecedented** amount of **high-quality** and harmonized scientific **data, products** and **services** for users (e.g., researchers, IT experts, institutions, decision-makers), to **foster** state-of-the-art **research** and **innovation** for a **safe** and **sustainable society**.

DATA PORTAL FACTS

- ~60.000 lines of source `</>` code developed
- ~30.000 GitLab  commits every year
- ~14.700 known bugs fixed 
- ~150 liters of coffee  drunk every year
- +16.000 unique visitors from +100 different countries 
- ~600 scientists  form the thematic communities
- ~100 IT experts involved in the `</>` design, development and operation



www.epos-eu.org/dataportal