



## **FIN-EPOS – Finnish national initiative of the European Plate Observing System: Bringing Finnish solid Earth infrastructures into EPOS**

Tommi Vuorinen and Annakaisa Korja

Institute of Seismology, University of Helsinki, Finland (tommi.at.vuorinen@helsinki.fi)

FIN-EPOS consortium is a joint community of Finnish national research institutes tasked with operating and maintaining solid-earth geophysical and geological observatories and laboratories in Finland. These national research infrastructures (NRIs) seek to join EPOS research infrastructure (EPOS RI) and further pursue Finland's participation as a founding member in EPOS ERIC (European Research Infrastructure Consortium). Current partners of FIN-EPOS are the University of Helsinki (UH), the University of Oulu (UO), Finnish Geospatial Research Institute (FGI) of the National Land Survey (NLS), Finnish Meteorological Institute (FMI), Geological Survey of Finland (GTK), CSC – IT Center for Science and MIKES Metrology at VTT Technical Research Centre of Finland Ltd. The consortium is hosted by the Institute of Seismology, UH (ISUH).

The primary purpose of the consortium is to act as a coordinating body between various NRIs and the EPOS RI. FIN-EPOS engages in planning and development of the national EPOS RI and will provide support in EPOS implementation phase (IP) for the partner NRIs. FIN-EPOS also promotes the awareness of EPOS in Finland and is open to new partner NRIs that would benefit from participating in EPOS. The consortium additionally seeks to advance solid Earth science education, technologies and innovations in Finland and is actively engaging in Nordic co-operation and collaboration of solid Earth RIs.

The main short term objective of FIN-EPOS is to make Finnish geoscientific data provided by NRIs interoperable with the Thematic Core Services (TCS) in the EPOS IP. Consortium partners commit into applying and following metadata and data format standards provided by EPOS. FIN-EPOS will also provide a national Finnish language web portal where users are identified and their user rights for EPOS resources are defined.