The establishment of EPOS will engender data interoperability within Earth Sciences at the global scale and provide services for a broad community of users beyond scientists. The EPOS ambition for solid Earth science is to help Earth scientists and others to develop a more holistic understanding about the underlying processes of Earth’s dynamics and use this progress in science for the assessment of geo-hazards and the secure and sustainable use and exploitation of geo-resources. EPOS will tackle this challenge by facilitating and fostering the access to multidisciplinary data, products and services for solid Earth Sciences. The easy discovery of data and data products as well as the access to visualization, processing and analysis tools is the best way to progress and sustain the integrated approach to research.
EPOS integrates national and trans-national research infrastructures for solid Earth Science to provide seamless access to data and services.

EPOS integration plan relies on open access to research infrastructures, data and products for promoting cross- and multi-disciplinary research and for fostering scientific, technological, and ICT innovation.

The creation of the novel EPOS e-infrastructure through the integrated core services (ICS) is dedicated to a cross- and multi-disciplinary community of scientists and associated stakeholders.

The EPOS impact will be measured by the continued and further engagement of stakeholders as well as by the exploitation of products and services for the advancement of basic science, geo-hazards assessment, risk mitigation and the sustainable management of geo-resources for a safe and prosperous society.