



Athens, Monday 26 February 2018

### PRESS RELEASE

#### **Using Big Data for Seismology and Climatic Change with the launch of the DARE research project. H2020 project DARE kicks off in Athens, Greece.**

A daring new European Horizon2020 research project will aim to support scientists in the fields of Seismology and Climatic Change for the next three years. The **DARE project** (acronym for **Delivering Agile Research Excellence**) officially premiered in Athens, Greece in January 2018 and constitutes of a consortium of nine research organisations from six European countries.

This collaborative effort project will aim to deliver a new working environment for teams of professionals wrestling with the challenge of extreme data, computing and complexity in the fields of Seismology and Climatic Change.

DARE aims to provide the scientific communities with a unified electronic infrastructure that will allow for easier conduct of large-scale experiments in seismology and climatic change, thus expanding the global frontier of today's research and innovation. To this end, DARE will work closely with two major research infrastructures: [EPOS](#) (European Plate Observing System) for seismology and [IS-ENES](#) (Infrastructure for the European Network of Earth System Modelling) for climatic change.

Both EPOS and IS-ENES will engage in the co-design and production use of extreme methods that address these challenges.

**Dr. Vangelis Karkaletsis**, Research Director at NCSR Demokritos and coordinator of the partnership comments: ***"The DARE project seeks to develop and use state-of-the-art e-Infrastructure technologies with applications in seismology and climatic change. For the creation of this online hyper-platform, the nine partners will work together for 3 years in a project funded with 3M euros by the European Commission"***.

#### **Notes to journalists:**

- DARE acronym- Delivering Agile Research Excellence on European e-Infrastructures
- DARE website: <http://project-dare.eu/>
- The DARE logo as well as photos from the kick off meeting in Athens, Greece are attached in this Press Release for your use
- The DARE partnership includes 9 partners from 6 European countries:
  - ◆ [National Center for Scientific Research 'Demokritos'](#) (GR)
  - ◆ [University of Edinburgh](#) (UK)

- ◆ [CERFACS](#) (FR)
- ◆ [The University of Liverpool](#) (UK)
- ◆ [KNMI](#) (NL)
- ◆ [Greek Research and Technology Network](#) (GR)
- ◆ [FRAUNHOFER](#) (DE)
- ◆ [Athena Research and Innovation Centre](#) (GR)
- ◆ [INGV](#) (IT)