

## **Important Project of Common European Interest on High performance computing and big data enabled application: a pilot for the European Data Infrastructure**

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The analysis of the European digital e-infrastructures has demonstrated that they are fragmented by the scientific and the economic domains and there are very few synergies among different countries. The lack of interoperability of infrastructure and tools prevents the share of data to industry, governments and scientists even of the same area of interest being one of the major obstacle to the open science. Moreover there is an increasing demand of world-class high performance computing infrastructure to process data and big data both from the research and the industry sector. In order to address these e-infrastructure challenges, to provide a springboard for new economic growth, Luxembourg, Italy and France and Spain intend to apply for an Important Project of Common European Interest on High Performance Computing and Big Data enabled Applications. The initiative is a pilot project to study and then propose possible implementation of the European Data Infrastructure.

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**Session Classification:** Opening Plenary: Open Science, Open Innovation and Open to the world in the EGI strategy