

**Title:**

National and European Grid Initiatives

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**Abstract:**

The European Grid Initiative (EGI) Design Study represents an effort to establish a sustainable grid infrastructure in Europe. Driven by the needs and requirements of the research community, it is expected to enable the next leap in research infrastructures, thereby supporting collaborative scientific discoveries in the European Research Area (ERA).

The main foundations of EGI are the National Grid Initiatives (NGI), which operate the grid infrastructures in each country. EGI will link existing NGIs and will actively support the setup and initiation of new NGIs.

The goal of the EGI Design Study (EGI\_DS) is to evaluate use cases for the applicability of a coordinated effort, to identify processes and mechanisms for establishing EGI, to define the structure of a corresponding body, and ultimately to initiate the construction of the EGI organization (EGI.eu). The EGI Design Study is a project funded by the European Commission's 7th Framework Programme.