



European Grid Initiative



European Grid Initiative Design Study (EGI_DS)

4th e-Infrastructure Concertation Event
Sophia-Antipolis, 5th-6th December 2007

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e-infrastructure

Consortium members

- Johannes Kepler Universität Linz (GUP)
- Greek Research and Technology Network S.A. (GRNET)
- Istituto Nazionale di Fisica Nucleare (INFN)
- CSC - Scientific Computing Ltd. (CSC)
- CESNET, z.s.p.o. (CESNET)
- European Organization for Nuclear Research (CERN)
- Verein zur Förderung eines Deutschen
Forschungsnetzes - DFN-Verein (DFN)
- Science & Technology Facilities Council (STFC)
- Centre National de la Recherche Scientifique (CNRS)



Project objectives

- Conceptual setup and operation of a new organizational model of a sustainable pan-European grid infrastructure
 - Ensure the long-term sustainability of the European e-infrastructure
 - Coordinate the integration and interaction between National Grid Infrastructures
 - Operate the European level of the production Grid infrastructure for a wide range of scientific disciplines to link National Grid Infrastructures

Work plan outline

- **WP2:** EGI Requirements Consolidation
(Fotis Karayannis, GRNET)
- **WP3:** EGI functionality definition
(Laura Perini, INFN)
- **WP4:** Study of EGI legal and organisational options
(Beatrice Merlin, CNRS)
- **WP5:** Establishment of EGI
(Jürgen Knobloch, CERN)
- **WP6:** EGI Promotion and Links with Other Initiatives
(Per Öster, CSC)



Standards related work

e-IRG TF SEI Recommendation IV:

- e-Infrastructures must inter-operate and adopt international standard services and protocols ...



EGI Design Study:

- Interoperability between NGIs:
„NGIs should contribute and adhere to international standards and policies”
- Interoperability between different grid middlewares
- Collaboration with OGF and OGF Europe