



Enabling Grids for E-science

Plans for the future

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EGEE-II final EU Review (CERN)

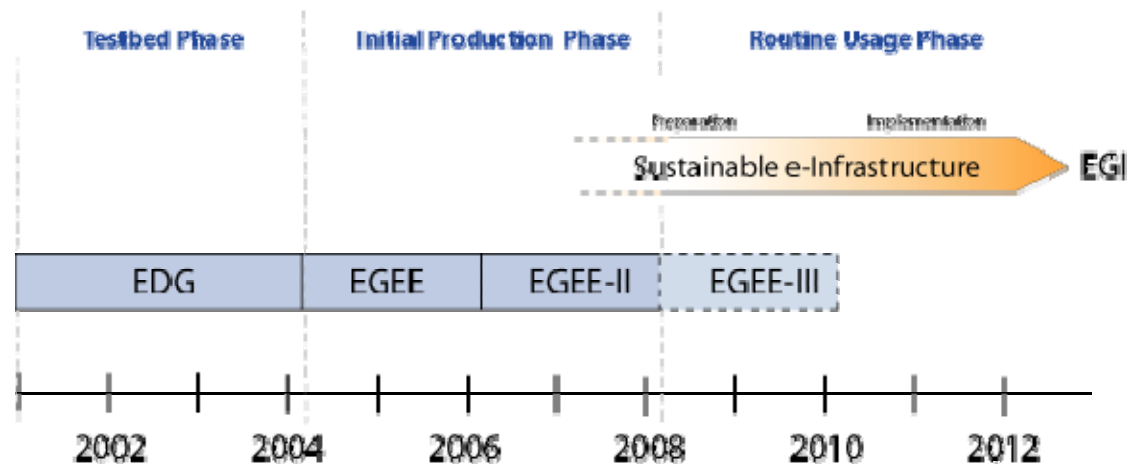
8-9 July 2007

www.eu-egee.org



- **EGEE-3**
- **The European Grid Initiative (EGI)**
- **EGEE and EGI**
- **EGEE support for proposed FP7 projects**
- **EGEE in the context of ESFRI**
- **Summary**

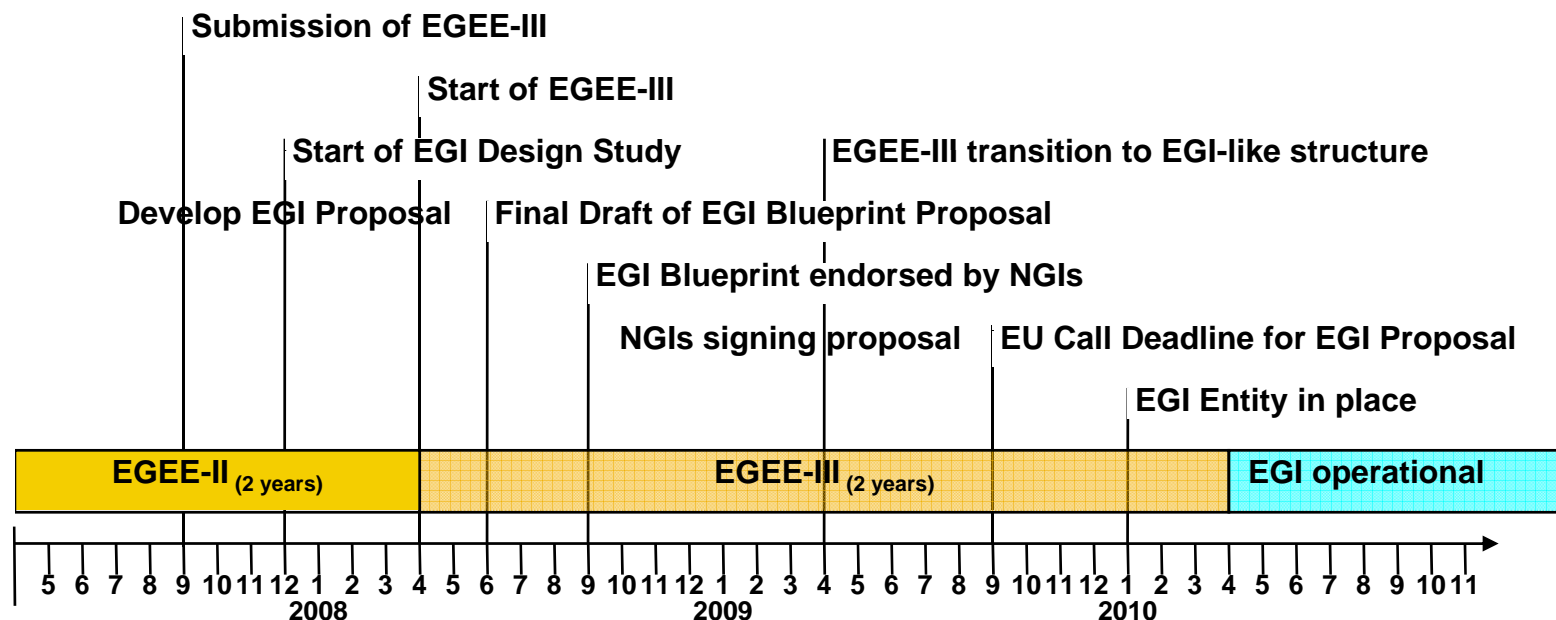
- Need to prepare permanent, common **Grid infrastructure**
- Ensure the long-term sustainability of the European e-infrastructure independent of short project funding cycles
- Coordinate the integration and interaction between National Grid Infrastructures (NGIs)
- Operate the European level of the production Grid infrastructure for a wide range of scientific disciplines to link NGIs

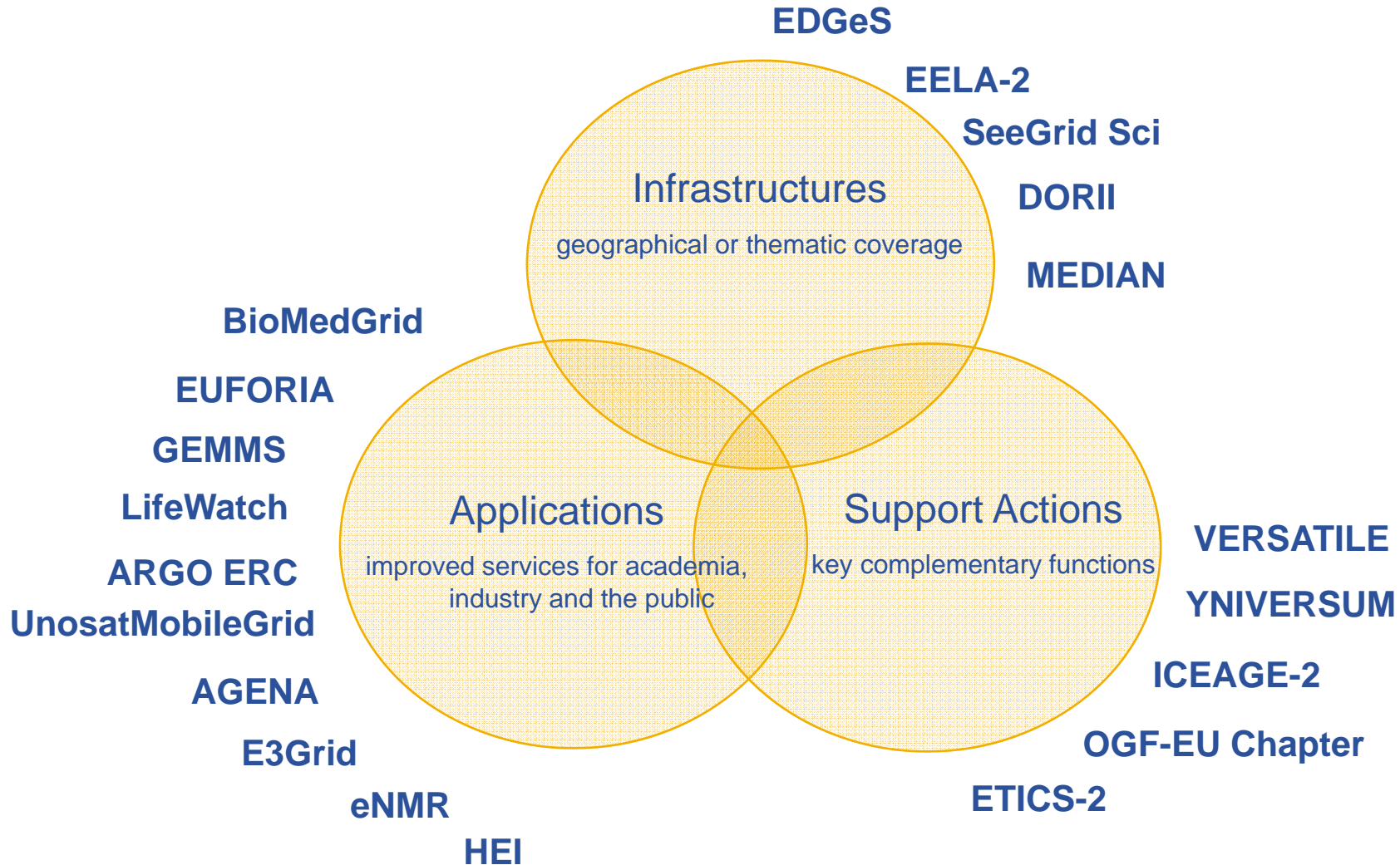




- **EGI Design Study proposal submitted to the European Commission (2 May 2007)**
- **Supported by 31 National Grid Initiatives (NGIs)**
- **2 year project to prepare the setup and operation of a new organizational model of a sustainable pan-European grid infrastructure**
- **Federated model bringing together NGIs to build a European organisation**
- **Well defined, complimentary responsibilities between NGIs and EGI**

- Our intention is to submit a proposal for the 3rd phase of EGEE project to the European Commission in September 2007
 - To run from April 2008 to March 2010
- The main goal of EGEE-III is to enable the *transition to EGI* by evolving the existing technical and organisational structures
 - This will be complex since EGEE-III must in parallel ensure the continuous availability of the production infrastructure to an ever increasing number of diverse user communities





- **The majority of the ESFRI projects will require a distributed computing infrastructure**
- **The diverse range of user communities supported by EGEE demonstrates that a shared infrastructure for such projects is possible**
- **EGEE will work with ESFRI projects during their design phase to study suitable computing architectures**
 - LIFEWATCH example: EGEE will provide access to the GILDA testbed with associated training and consultancy to allow LIFEWATCH partners to prototype applications
 - Contacts with other ESFRI projects could be established in conjunction with the eIRG



- **EGEE-II has completed successfully and has produced important results**
 - Exceeded most of the targets defined for the project
- **All deliverables have been produced and major milestones met**
- **EGEE is THE largest multi-disciplinary research Grid infrastructure in the world**
- **EGEE-III started on 1st May and will run for 2 years**
- **EGEE has led the way in building a consistent European view of grid infrastructure via a number of related projects and international collaborations**
- **EGEE is the driving force behind preparations for a sustainable grid infrastructure in Europe**
- **The success of a large number of collaborating projects and EGI all depend on EGEE-III**