

EGEE

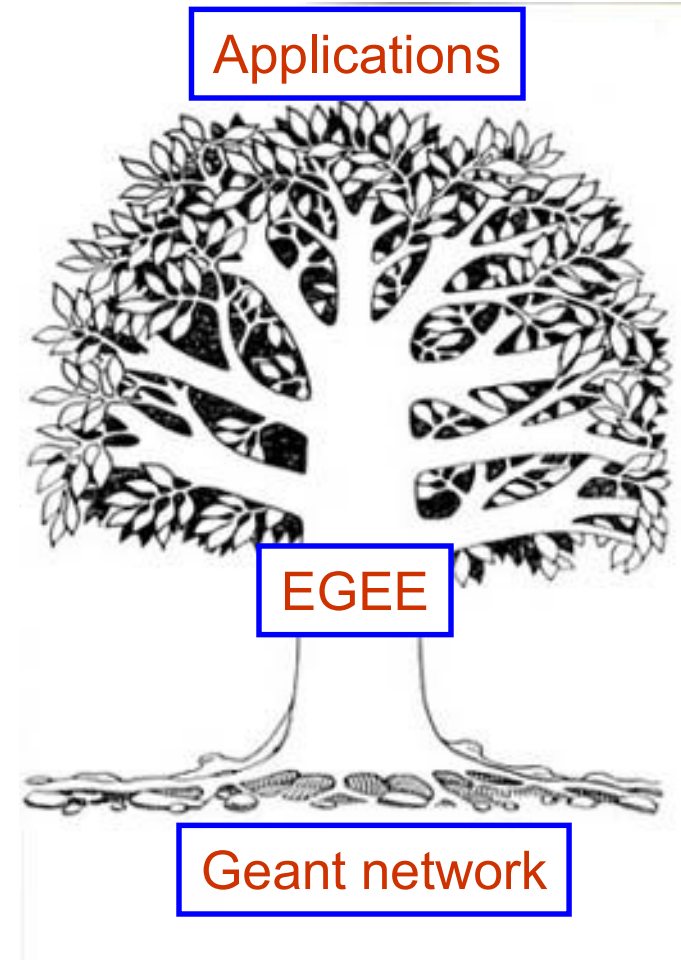
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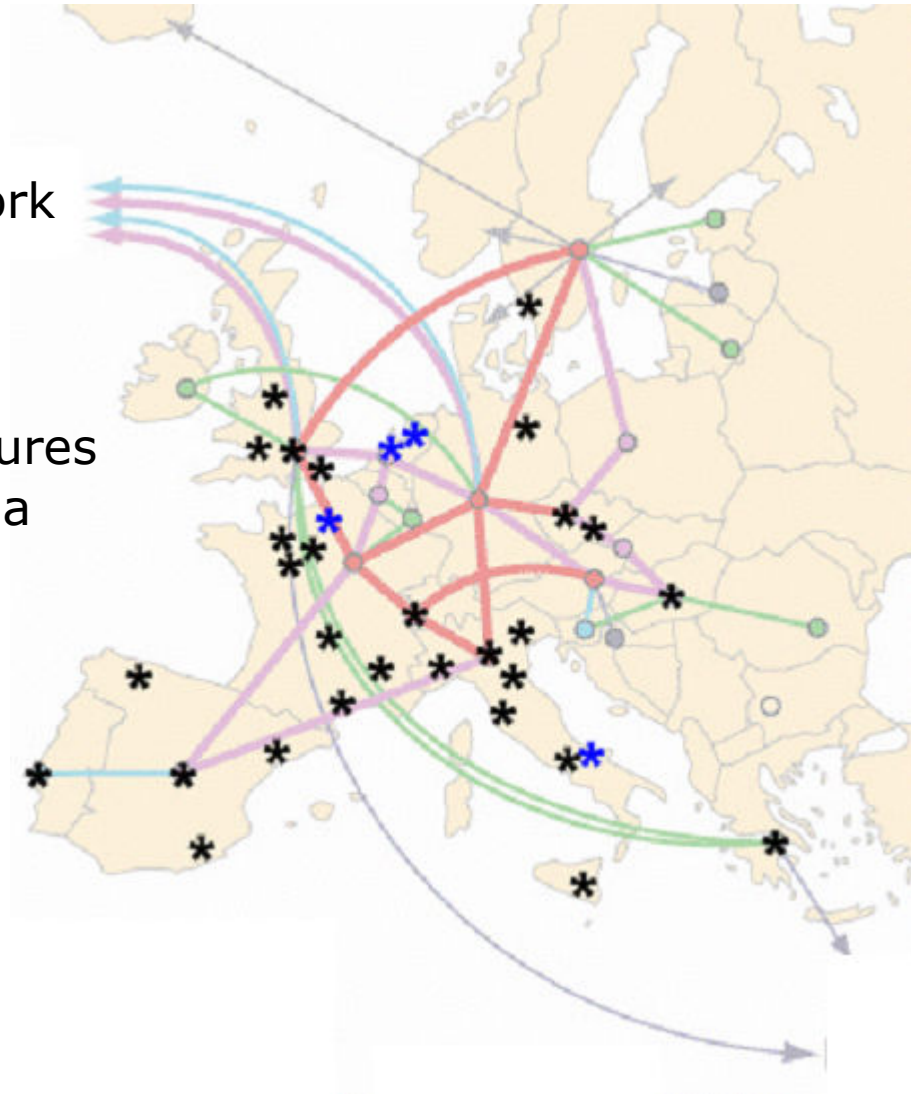
EGEE vision: Enabling Grids for E-science in Europe

- **Goal**
 - Create a European wide production quality Grid
- **Build on**
 - EU and EU member states major investments in Grid Technology
 - International connections (US and AP)
 - Several pioneering prototype results
- **Approach**
 - Bind national and regional Grid infrastructures
 - Procure and deploy robust middleware

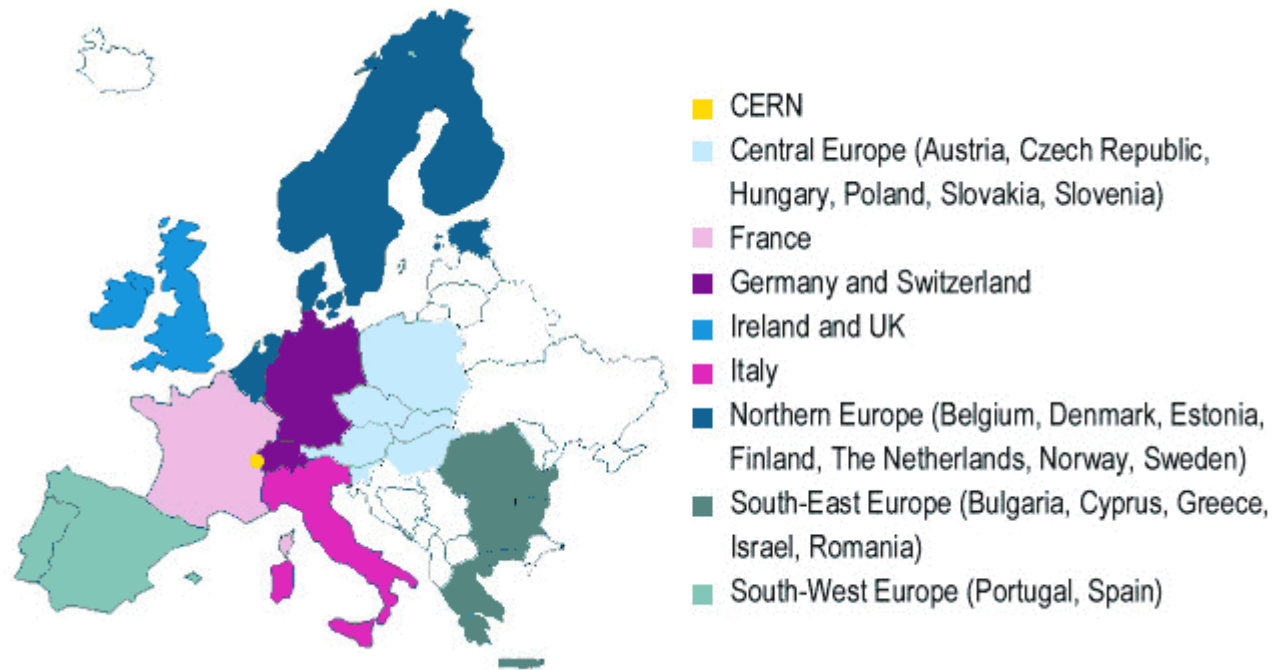


The Historical Analogy

- **EU Geant** \Rightarrow binds national NRENs and creates a high performance production network for Europe
- **EGEE** \Rightarrow will bind national Grid infrastructures - focussing all activities towards establishing a production quality Grid for Europe



The EGEE consortium of Grid Federations

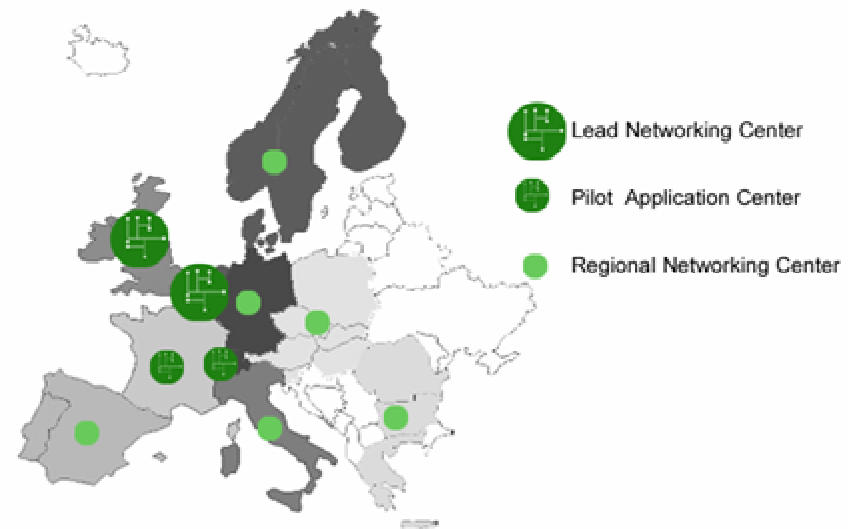


Total of 70 full partners covering entire EU and beyond

Integrated Infrastructure Initiative (I3)

Response to FP6 call "Communication Network Development – Grids"

- Networking Activities:
- Specific Service Activities:
- Joint Research Activity



Networking activities

- Management & coordination
- User Training and Induction;
- User Support and Consultancy;
- Applications Interface.
- Dissemination and Outreach;

Specific service activities

The structure of the Grid services will comprise:

- EGEE Operations Management
- EGEE Core Infrastructure Centres
- Regional Operations Centres, responsible for coordinating regional resources, regional deployment and support of services in all other countries
- Network services through Geant & NRENs

Joint research activity

- Middleware Engineering Centres for key services:
 - Resource Allocation and Access ;
 - Data Management ;
 - Information Collection and Accounting
 - Resource Brokering
- Quality Assurance team and a Grid Security team.
- Middleware Integration team and Middleware Testing Centre.

- Fin -

- EGEE will build a production Grid for Europe
- EGEE will bind national and regional Grid infrastructures
- EGEE will require staggered proposals to respond to several separate EU calls
- Proposal was submitted on May 6th

