The EGEE-II project

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Information Society and Media

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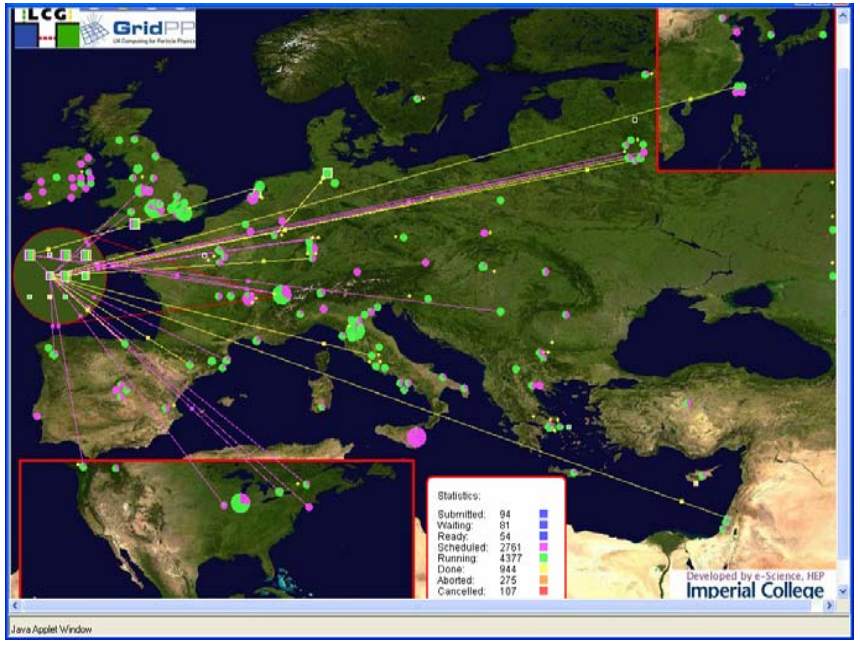
- Flagship European grid infrastructure project
- Now in 2nd phase with 91 partners in 32 countries

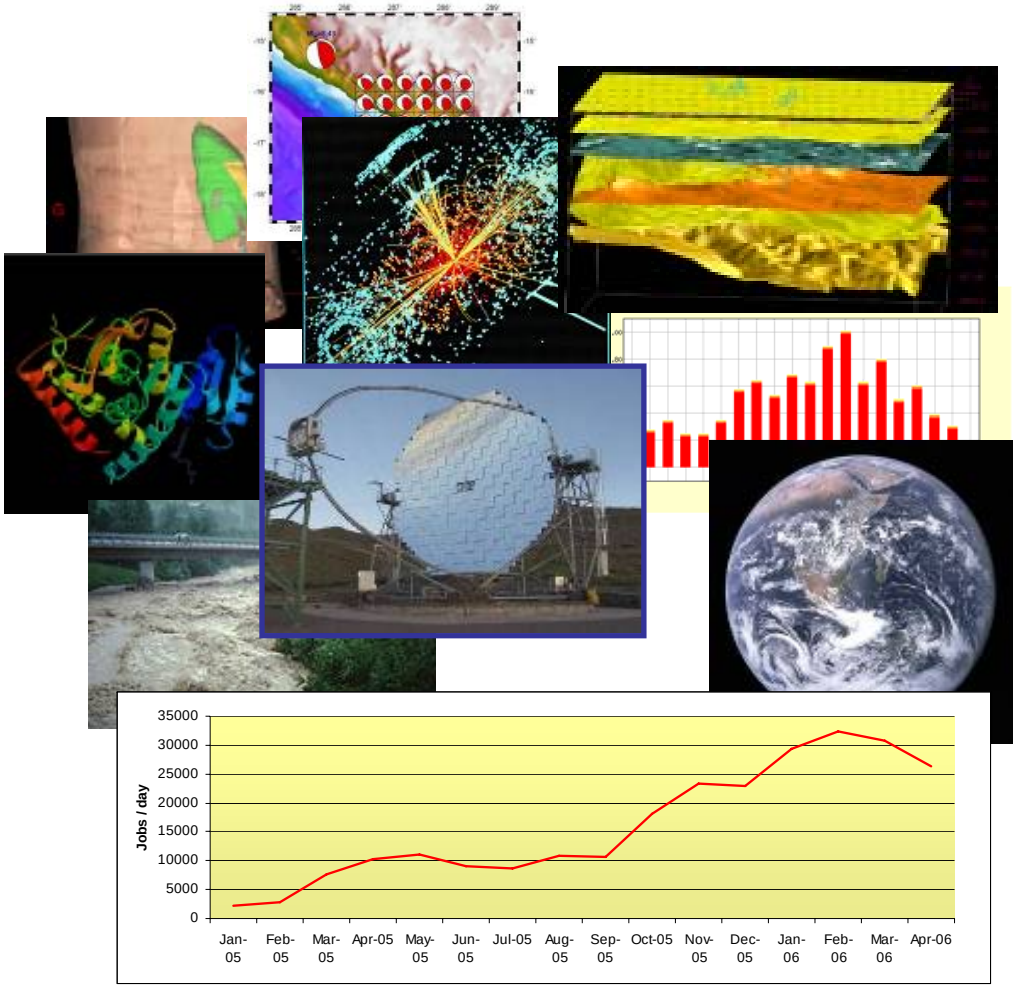
Objectives

- Large-scale, production-quality grid infrastructure for e-Science
- Attracting new resources and users from industry as well as science
- Maintain and further improve gLite Grid middleware



Applications

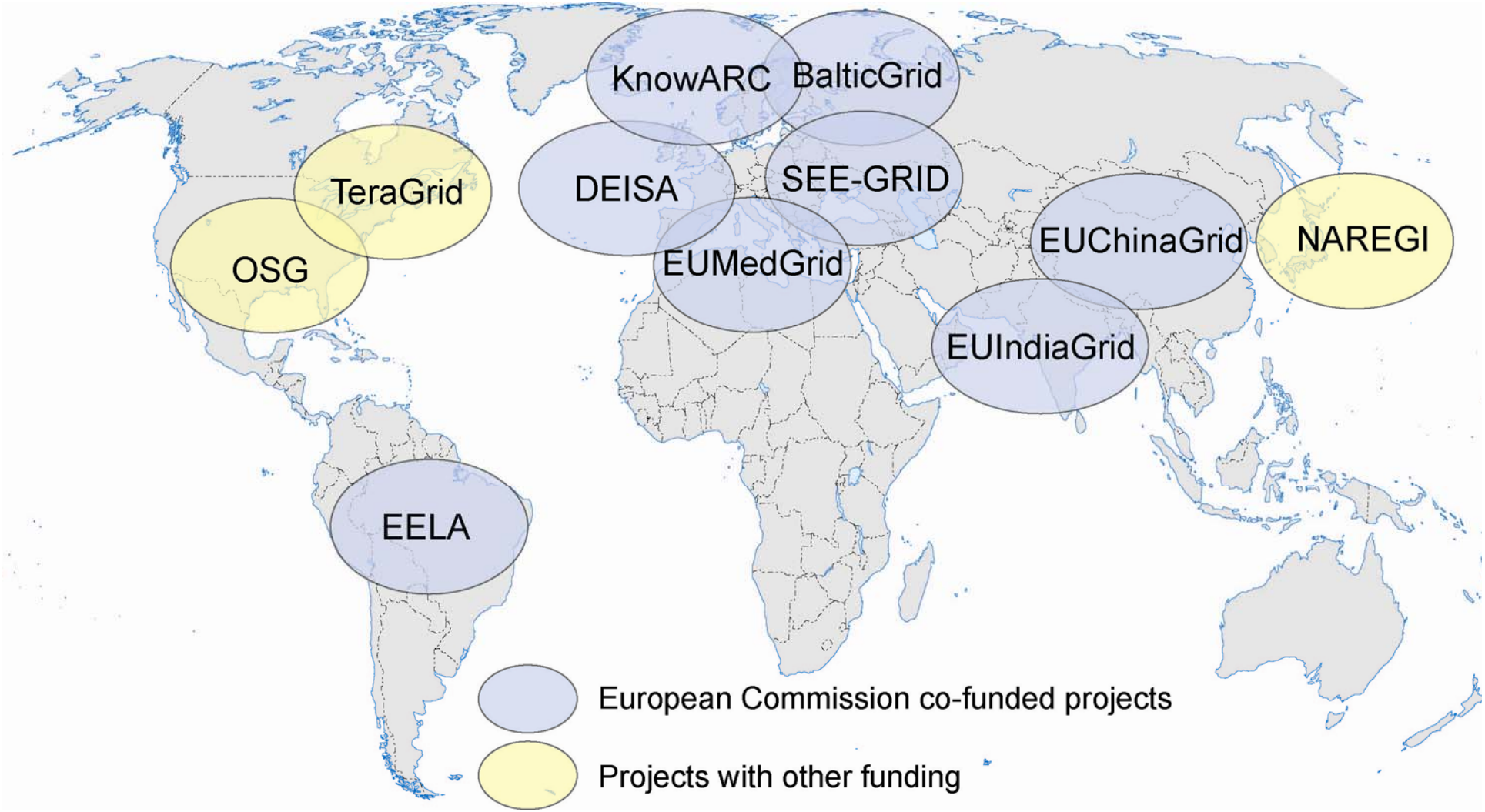
- **Many applications from a growing number of domains**
  - Astrophysics
  - Computational Chemistry
  - Earth Sciences
  - Financial Simulation
  - Fusion
  - Geophysics
  - High Energy Physics
  - Life Sciences
  - Multimedia
  - Material Sciences
  - …



Applications have moved from testing to routine and daily usage ~80-90% efficiency

Collaborating e-infrastructures

Enabling Grids for E-sciencE



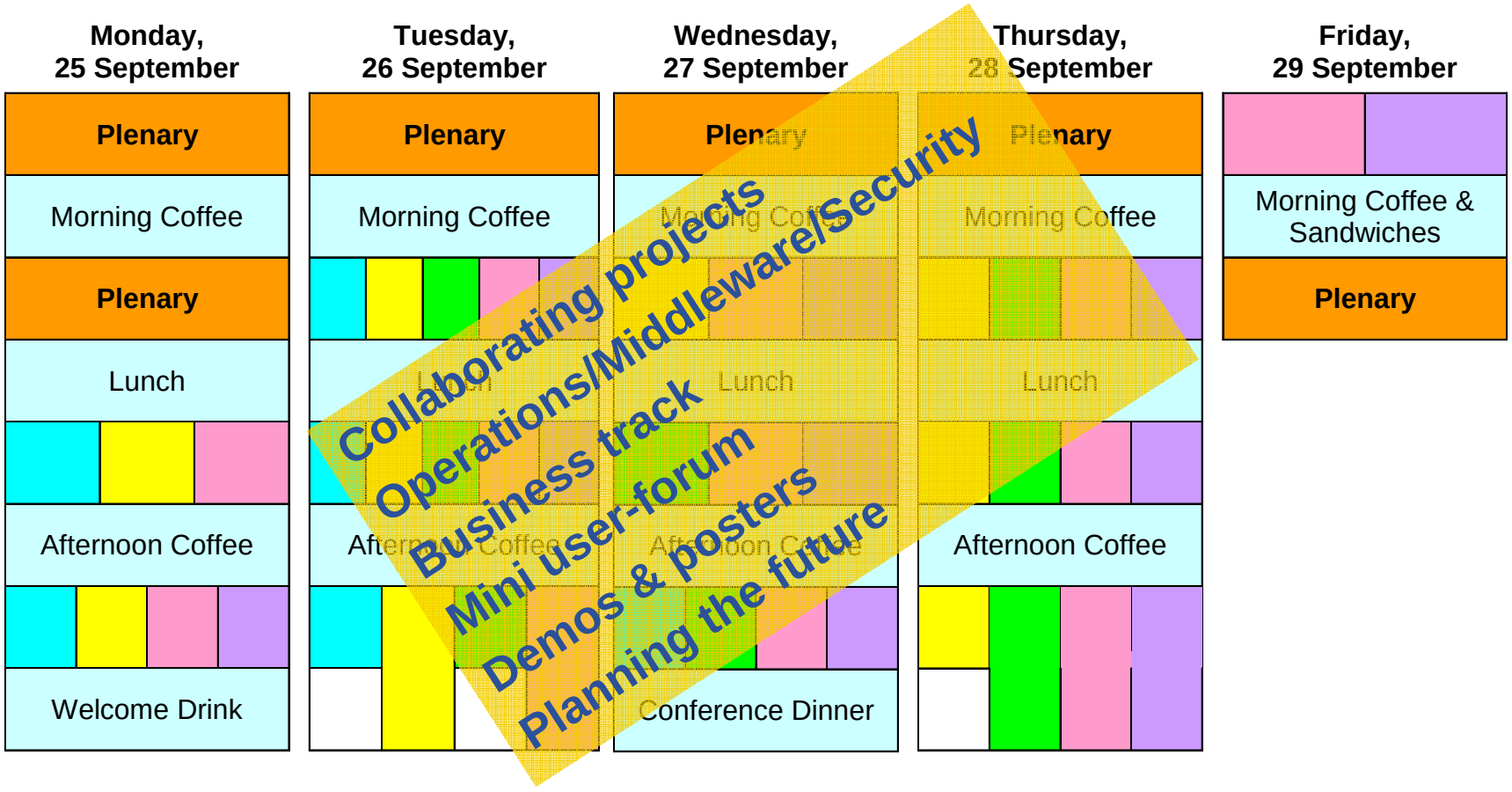
Potential for linking ~80 countries by 2008

The Challenge

- **Operational procedures and middleware**
  - must keep pace with the increasing scale of deployment, usage and number of users
- **New users will not be experts**
  - ease-of-use and simplified management are crucial
- **Inter-operability**
  - effort on interfacing e-infrastructures must lead to widely-accepted standards
- **Mission-critical**
  - forces us to plan well beyond the end of the current Projects

EGEE'06 Programme

EGEE'06 is more than EGEE



Colour Legend:

Plenary	Business	Applications	Related Projects	EGEE Activities	Federations

30+ Grid Projects @ EGEE'06

Enabling Grids for E-sciencE

Businesses @ EGEE06

Atos Origin
CS
DATAMAT A Finmeccanica Company
GlobalVillage
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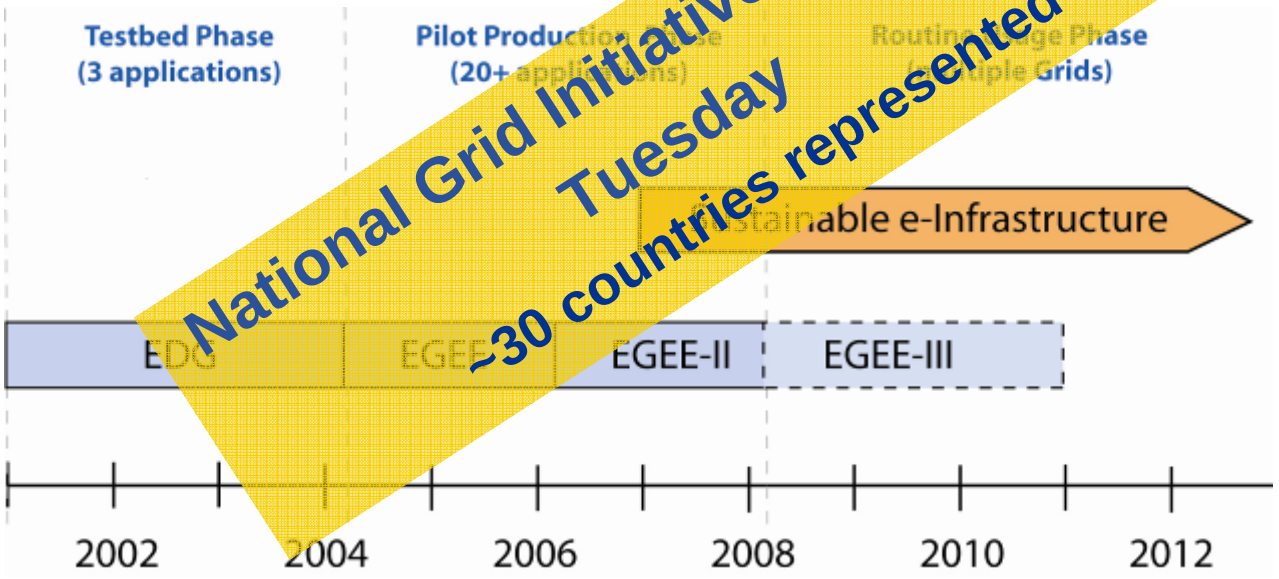
gridwise tech
hp invent
intel Leap ahead
intellect
kite knowledge · innovation · technology · enterprise

Capitalising on e-Science to make e-Business

maat
metaware
GRUPPO MPS CONSORZIO OPERATIVO GRUPPO MPS
NICE
ontoprise know how to use Know-how
ORACLE
Platform
PRICEWATERHOUSECOOPERS
Qi3
SIEMENS
SOURCING & OUTSOURCING SERVICES LTD
Sun microsystems
TOTAL
T-Systems

Sustainability

- **Need to prepare for permanent Grid infrastructure**
  - Ensure a high quality of service for all user communities
  - Independent of short project funding cycles
  - Infrastructure managed in collaboration with National Grid Initiatives (NGIs)



National Grid Initiatives workshop
Tuesday
~30 countries represented

- **Take this unique opportunity to advance the state of e-infrastructures**
- **Meet face-to-face your colleagues, users, suppliers**
- **Understand what is happening in other projects**

EGEE'06

Capitalising on e-infrastructures

- **Thanks to our organisers and sponsors**
- **Enjoy Geneva**

www.eu-egee.org/egee06

Enabling Grids for E-sciencE

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