#### EGEE Conference 2006 - Business track 25th September 2006

# e-Infrastructures as icebreakers for industry



**European Commission - DG INFSO Head of Unit Research Infrastructures** 











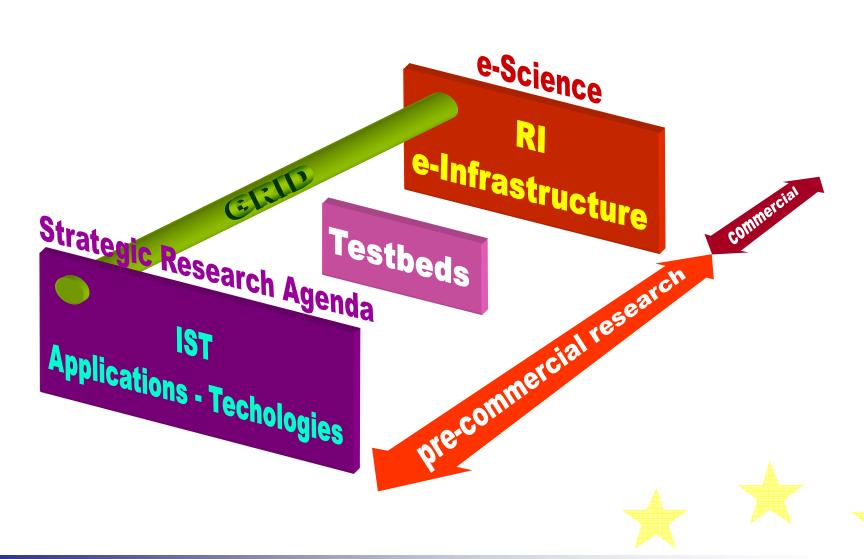
## Growth through innovation







#### EU research policy - industry/academia collaboration





#### e-Infrastructures - implementation strategy

- Focus on services to eScience virtual communities
- Involvement of Academia and Industry













#### e-Infrastructures achievements today

- 50 M€in IST Research Networks Testbeds
- 220 M€in Research Infrastructure





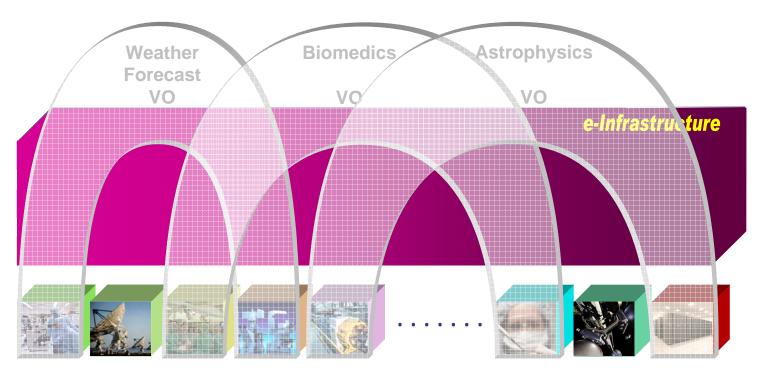






## e-Infrastructures tomorrow - continuing a pioneering path

# Bringing the best brains together Sharing the best scientific resources



**Producing the best science** 











#### e-Infrastructures - industrial involvement

**Short term** 



**Medium term** 



Long term

Partners in the project

Industry-academia partnership

Participation in call for proposals, national initiatives

Operational validation of innovative solutions

**Drivers and early adopters** 

Industrial requirements and quality

Industrial *fora*, training conferences, education, best practices, cookbooks, pre-commercial procurement

Take-up by industry, pre-competitive areas

**Industry at large** 

Market knowledge/pull

Standardisation, repositories of components, procurement

Widespread adoption of new solutions





#### e-Infrastructures - some examples of industrial impact

- Industry learn by doing and e-Science processes adopt industrial practices: quality assurance (e.g. OMII-Europe), security (e.g. ETICS - ISSeG)
- e-Infrastructures validate technology developed by academia (e.g. EGEE gLite) or partnerships with Industry (e.g. DEISA GFS
   - GÉANT hybrid architecture)
- e-Infrastructures act as platform for pre-competitive innovative activities (e.g. CGG in EGEE)
- Industry faces lower risks in the process of adopting and reshaping technologies for business applications (e.g. BEinGRID)
- Industry can benefit from a skilled pool of expertise created (e.g. ICEAGE) and operational knowledge (EGEE and GÉANT Operational Centers)
- Industry and Academia work on standardisation (e.g. OGF)





#### Let's make e-Infrastructures better in FP7... together!

- e-Infrastructures in FP7:
  - Repositories of scientific Information
  - e-Infrastructures uptake by more user communities
  - e-Science grid infrastructure
  - GÉANT
  - Support measures (international, policy)
- Support to new infrastructures
  - Design studies
  - Support to the construction of e.g. petaflop supercomputers (ESFRI roadmap)
- Programme support measures (studies)











#### **Further information**



Further info on e-Infrastructures: www.cordis.europa.eu/ist/rn/



