



GridCoord

*“ERA Pilot on a coordinated Europe-wide Initiative
in Grid Research”*

European Grid Technology Days 2004
IST FP6 Grid Projects Launch
Brussels, 15th September 2004



Information Society
Technologies

ERA for Grid Research



Objectives and Benefits

- Overcome fragmentation and dispersion across EU to reinforce impact of national and Community research
- Strengthen Europe's position on Grid Research and its exploitation

Requirements endorsed by 10 Member States – July 2003

- Inventory of national and EU initiatives including analysis of strength, weaknesses, gaps and synergies on EU-scale
- Establishment of a regular forum on Grid Research of European funding bodies and research leaders
- Better co-ordination of fragmented national and EU efforts by putting them in EU context towards achieving critical mass / higher impact on international level
- Further investigation on how to best stimulate the development and delivery of production-level / industrial-strength Grid MW
- Actions towards broadening the use of Grid beyond eScience towards its use in business and industry

**Implementation to be supported
by SSA GridCoord**

Member States present: CZ, FR, DE, HU, IT, NL, PL, ES, SE, UK

Objectives



➊ Improved co-ordination - Funding Bodies

- Survey of Funding Bodies and Industry, Survey of Universities and Research Labs, Gap Analysis
- Common interests and synergies - Building a Coalition

➋ Enhanced collaboration - Developers and Users

- General and thematic Workshops
- Specific workshops and activities for Grid researchers
- Knowledge transfer and education
- Standardisation strategy

➌ Visionary Research Agenda - Moving into Action

- Coherent Grid R&D Programme view
- Grid R&D Road Map

Innovation Along 2 Dimensions



✚ First Targeted Accomplishment

⚙ Affecting Funding Bodies

- ERA Pilot - addressing Coordination of Funding Bodies in a novel way, Integrating National Diversity, cutting across organisational lines
- Funding Model Innovation
- Effecting a new policy, Common Interest and Synergies, Organisational Learning
- Grid Economics

✚ Second Targeted Accomplishment

⚙ Affecting Performance of Developers, Researchers and Users

- Knowledge transfer and Education
- Offer an open Forum for Discussion, disrupt existing arrangements, Forging new Links
- More than incremental changes, disruptive, breaking boundaries

Expected Results and Benefits



- ⊕ Strengthen **Europe's Position**
- ⊕ Rising **Awareness**
- ⊕ Building **Critical Mass**
- ⊕ Improved **Cooperation** among Funding Bodies
 - ⊕ regular Forum
- ⊕ Improved **Collaboration** among Researchers and Programmes
 - ⊕ regular meetings, workshops, joint initiatives
- ⊕ Improved **Industrial Exploitation**
- ⊕ Improved **Knowledge Transfer and Education**
- ⊕ Facilitating the **Launch of European Grid Research/Competence Centres**

Exploitation Potential



- ❖ Recognizing and evaluating R&D research strategic issues for Europe
 - ❖ impact on European technology and next Programmes
- ❖ Industrial impact
 - ❖ “from e-science to e-business”
- ❖ Standardisation
 - ❖ contribute towards and European strategy
- ❖ Training and education
 - ❖ at the various levels