

Standardisation in support of Innovation

- European perspective & support to OGF

OGF-25

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"The views expressed in this presentation are those of the author and do not necessarily reflect the views of the European Commission"

Year(s) of economic challenges

- Public investment to propel economic growth is key
- European Economic Recovery Plan (proposed by the European Commission in Nov 2008, endorsed by Heads of State and Government in Dec 2008 European Council)
- Agreed stimulus of 1.5% of EU GDP; contributions from both national and EU sources
- Close connection between fiscal stimulus and actions in the four priority areas of the Lisbon Strategy (people, business, infrastructure and energy, research and innovation)

Standardisation in support of innovation

- *European perspective* -

European Council of Ministers, 25 Sep 2008, recognised:

- Essential contribution of standards towards developing innovation and competitiveness, by facilitating access to markets, enabling interoperability between new and existing products, services and processes, enhancing protection of users, giving consumers confidence in innovations and disseminating research results
- Standards encouraging innovation in areas such as services
- Role of standards to strengthen internal market and support better regulation policy

European Council recommendations

- Public research bodies and financers of research programmes examine, at decisive phases of research projects, interest in developing standards to exploit results
- Increase value of participation in standardisation activities in careers of researcher
- Improve position of standardisation in education (familiarise students with benefits/challenges of standards)
- Standards bodies further facilitate participation in standardisation by SMEs, consumers, trade unions and bodies representing societal interests
- Standards bodies be particularly vigilant when developing standards based on proprietary technologies (to allow broad access to all users); need IPR be available under fair, reasonable and non-discriminatory conditions

OGF: key roles, challenges

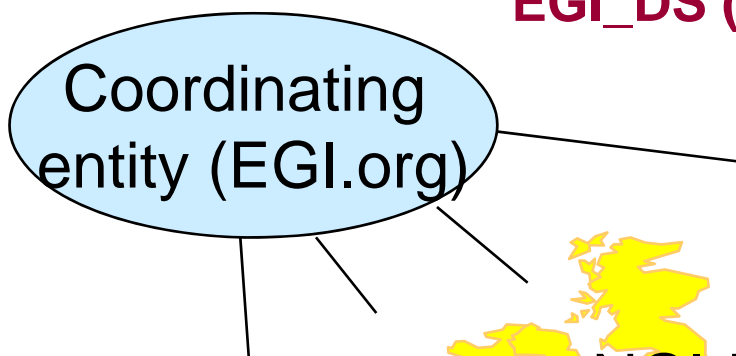
- Open Forum, Open Standards – community structuring effect (bringing together technologists, users, vendors, funding agencies..)
- Today: hazy landscape (grids, clouds, virtualisation,...)
- International community action important to ensure user benefit (well informed users on technology, sufficient user demand for interoperability), level playing field for industry, and to foster innovation
- Challenges, opportunities: defining path, balancing interests (academia, industry..), adopting new approaches (testing/certification..), marketing
- Financial viability (through public/private support) highly important!

EU's continuous support to grids/OGF

- **Grids:**
 - Over €450 m invested in last 8 years to support grid research and e-Infrastructure deployments
 - New investments planned for 2009-2010
- **OGF:**
 - Almost all EU funded grid-projects are contributing to OGF-activities
 - Supporting great majority of EU-scientist trips/participation in OGF events
 - Funding projects like OGF-Europe dedicated to support OGF works and outreach activities

Grid service provisioning: towards a sustainable landscape in Europe

EGI_DS (Design study)



NGI-
Nordic States

Key elements of new scheme:

- Common access infrastructure to national / international projects or disciplines; sharing of computing and data resources with minimal overhead
- Middleware certification, maintenance, interoperability, standardisation
- Coordination/pooling of National and European funding for sustainable service provisioning (service provisioning beyond project life-cycles)

e-Infrastructures: provisional plans 2009-10

One Call towards the end of 2009 (*indicative budget €95 m*):

- Create the EGI
- Software and services
 - In support of EGI and HPC
- User Communities
 - Focus on e-Infrastructure needs of important user-communities
- Support Measures
 - including international cooperation
 - ... and prospective and strategic studies

OGF 25, EGEE User Forum, OGF-Europe international event – new impetus!



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