



Enabling Grids for E-science

NA5: Policy and International Cooperation

EGEE-II All Activity Meeting – CERN, 24.08.06

www.eu-egee.org




- **Progress and status**
 - Execution plan
 - Upcoming deliverables and milestones
- **Future plans**
- **Progress on EU recommendations from 2nd and 3rd review**
- **Communication and dissemination**
- **Open issues**

- **Initial list of funded people (more people are recorded as unfunded):**
 - **GRNET, Greece – 24 PMS** Greek Research and Technology Network
 - P. Louridas (activity leader)
 - **CCLRC, UK – 6 PMS**, Council for the Central Laboratory of the Research Councils
 - N. Geddes, R. Middleton, J. Gordon, S. Fisher
 - **CERN, Switzerland – 24 PMS** European Organization for Particle Physics
 - J. Lawson
 - **DFN, Germany – 12 PMS**, Deutsche Forschungsnetz
 - K. Ullmann, K. Schauerhammer
 - **GARR, Italy – 6 PMS**, Consortium GARR
 - E. Valente, F. Tanlongo, C. Santesarti
 - **INFN, Italy – 24 PMS**, Istituto Nazionale di Fisica Nucleare
 - M. Mazzucato, A. Ghiselli, D. Cresti, G. Salente
 - **JKU, Austria – 12 PMS**, Johannes Kepler Universitat, Linz
 - D. Kranzlmüller, M. Polak, C. Glasner
 - **NIIF, Hungary – 6 PMS**, National Information Infrastructure Development Program
 - P. Stefán, F. Szalai, Z. Nagy
 - **RED.ES/REDIris, Spain 12 PMS** Entidad Pública Empresarial / Interconexión de los Recursos InformáticoS
 - A. Perez, D. Lopez, A. Fuentes
 - **VR, Sweden, 12PMS** Vetenskapsrådet, the Swedish Research Council
 - A. Ynnerman, L. Johnson, A. Edlund, P. Öster, O. Mulmo

Deliverable / Milestone		Project Month	Partner Responsible
MNA5.1.1-4	EGEE-II outlook on e-Infrastructure Reflection Group White Papers and Roadmaps	5, 11, 17, 23	GRNET
MNA5.2.1	Policy Workshop I - National Grid Initiatives - Status and Perspectives	6	GARR
MNA5.4.1-2	Grid Concertation events (collocated with EGEE conferences)	6, 18	GRNET
MNA5.3.1-2	Progress report on International Cooperation Activities	8, 18	CERN
MNA5.2.2	Policy Workshop II - Towards a European Grid Organisation and National Grid Initiatives	10	DFN
DNA5.1	Status and Perspectives of National Grid Initiatives	10	INFN
MNA5.5.1-2	Inventory of EGEE-II standardisation efforts and contributions	11, 23	CCLRC
DNA5.2.1	Inventory of EGEE-II standardisation efforts and contributions and priorities for the second year	12	CCLRC
DNA5.3	Roadmap for the Next Generation Grid: Towards a European Grid Organisation and National Grid Initiatives	12	CERN
DNA5.2.2	Inventory of EGEE-II standardisation efforts and contributions	23	CCLRC

- **MNA5.1.1-4: Collaboration with e-IRG**
- **A version of the e-IRG White Paper resulting from the Austrian presidency**  **has recently been published**
 - Chapters (co-)authored by EGEE members
 - Extensive comments from EGEE members incorporated

- **Current Finnish presidency** 
 - e-IRG meeting & workshop, 4-5 October
 - e-IRG meeting, 20 November



e-IRG venue in Finland

- **NA5 have been helping with the planning of the October event**
- **More members of EGEE should be attending the workshops and contribute to the White Paper documents**

- **EGEE leadership has already done work on EGI preparation**
 - Draft position paper written
 - Regional workshops held around Europe
- **Next step: policy workshop on National Grid Initiatives, to be held at EGEE'06**
- **This will involve presenting the results of a preparatory survey about NGIs and the concept of a European Grid Initiative**

Survey has two sections, one on NGIs and one on the proposal for EGI

- 1) **Do you have a National Grid Initiative in your country?**
 - If so, questions follow about the NGI's official recognition and legal status
 - If not, questions follow about any plans to establish an NGI

NGI Policy Workshop Questionnaire

National Grid Initiative Profile

1 Please provide your contact information:

Title/Name:

Telephone:

e-mail:

2 On behalf of which country are you answering this questionnaire?

3 Is there a National Grid Initiative (NGI) in your country?



13 Please rank in order of importance (1 meaning highest priority) the proposed functions of EGI:

	1	2	3	4	5
Coordination of infrastructure operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Testing, certification and validation service for the infrastructure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managed resource centres that can provide initial resources for new user communities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Representation of European Grid efforts on standards bodies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Representation of European Grid efforts in discussions with similar structures from other continents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14 Please describe any additional functions that you think EGI should include:

15 The proposed set of stakeholders for EGI are the NGIs and other resource providers, user communities and the European Commission. If you think any other stakeholders should be involved in EGI then please specify:

16 If such an EGI structure were to be established, would your region be prepared to join?

YES
 NO

If 'No', please try to identify the major obstacle to your participation:

2) Questions to gauge attitudes towards an EGI proposal

- role definition for EGI
- who the stakeholders should be
- willingness of respondent's country to participate

These results will also feed into **DNA5.1: Status and Perspectives of National Grid Initiatives** in PM10, for which our INFN partners will be responsible.

- **D-Grid have helped us to formulate the use cases**
 - This work is, of course, not the sole preserve of NA5
- **An e-IRG task force has presented the case for a sustainable e-Infrastructure to the EC, which was well received**
- **We have a draft EGI position paper available for comments**
- **We will shortly be distributing the questionnaire to feed into the workshop at EGEE'06**
 - This needs to be done very soon

- **During the EGEE'06 conference, we will also be hosting a 'concertation' event, involving many other EU-funded projects**
 - Technically-focussed discussions in the RP plenary session and the SEE-GRID / EGEE Infrastructure session; will be a follow-up of the Pisa session
 - New RPs will be introduced to EGEE and infrastructure projects will bring each other up to date on developments

Appearing soon at a conference near you:

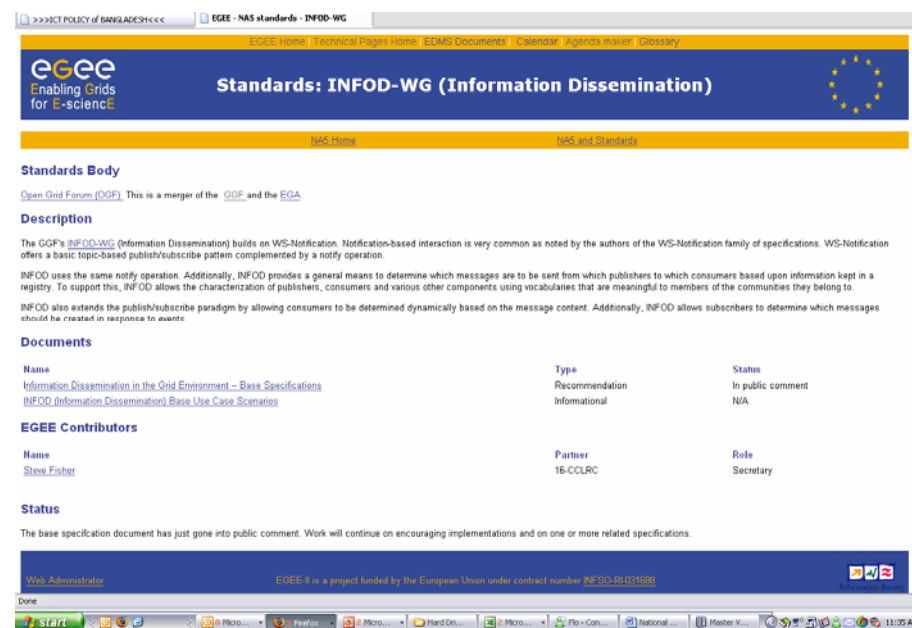


and others...

- NA5 webpage on ‘standardisation’
 - This hosts an inventory with links to pages detailing each standard or working group
 - These would be maintained by the contributing member(s)
 - e.g. of our first contribution, detailing the INFOD-WG

ISSUE

- However, this means that we need your help!
 - Quick and easy thanks to Steve Fisher’s template
 - Available to download from the NA5 standardisation page



- **To continue work on**
 - EGI preparation
 - Distributing the questionnaire
 - Written summaries of the NGI workshop input
 - Further iterations of the position paper
 - Co-operation with e-IRG
 - Meetings in Finland
 - Updates to Roadmap and White Paper Related Projects
 - Decide when EGEE will host the next big e-Infrastructure concertation event “à la Den Haag” (focusing not only on Grid projects)
 - Standardisation inventory
 - We need everyone’s help here!
 - <http://egee-na5.web.cern.ch/egee-na5/NA5Standardisation.html>

13) Make sure that the EGEE production infrastructure grows appropriately over time to keep the attention of the scientific community world-wide

- **Infrastructure growth is being pursued through international cooperation:**
 - EGI proposes an integration of National Grid Initiatives to provide an unprecedented infrastructure for the European Research Area
 - Linking with other geographical areas and projects already
 - Baltic region (BalticGrid), China (EuChinaGrid), LatinAmerica (EELA), Mediterranean (EUMEDGRID), South East Europe (SEE-GRID2) and others (US, Japan, EuIndiaGrid)
 - Interoperability efforts are also underway
 - e.g. with NorduGrid

14) Track all publications from the application areas which emphasize EGEE/gLite in major Grid conferences and events

- **Related actions**

- Now we have the EGEE Technical Report Series
- List of publications related to EGEE/gLite appears in the Quarterly Reports
- EGEE User Fora are the major venues for in-depth discussions with application areas
 - After the first User Forum, March 2006, we had > 90 abstracts in the EGEE User Forum Book.

15) *Investigate a dedicated EGEE project booth at SC'06 and ISC2006, as well as at major Grid events with exhibitions*

- **ISC 2006 (Germany)**

- We had a dedicated booth, attracting more than 60 visitors
- Displayed posters, gave handouts, showed live Grid monitor
- Credit goes to NA2

- **Planning for SC'06 in November (Florida-US)**

- Another dedicated booth has been secured

- **Other major Grid events**

- GGF16, Feb 2006, Athens
 - Dedicated booth again
- GGF17/GridWorld, May 2006, Tokyo
 - Booth and high-level delegation again
- HealthGRID 2006, June, Valencia
 - Lots of publicity, including a booth
- Euro-Par 2006, August-September 2006, Dresden
 - Booth planned

11) *Fully complete the implementation of recommendation 13 from the second project review:*

“Make sure that the EGEE production infrastructure grows appropriately over time to keep the attention of the scientific community world-wide”

- **Being followed up most notably with the EGI plans**

ISSUE – The following recommendations are not entirely within NA5's power to fulfil, but we have received some help already...

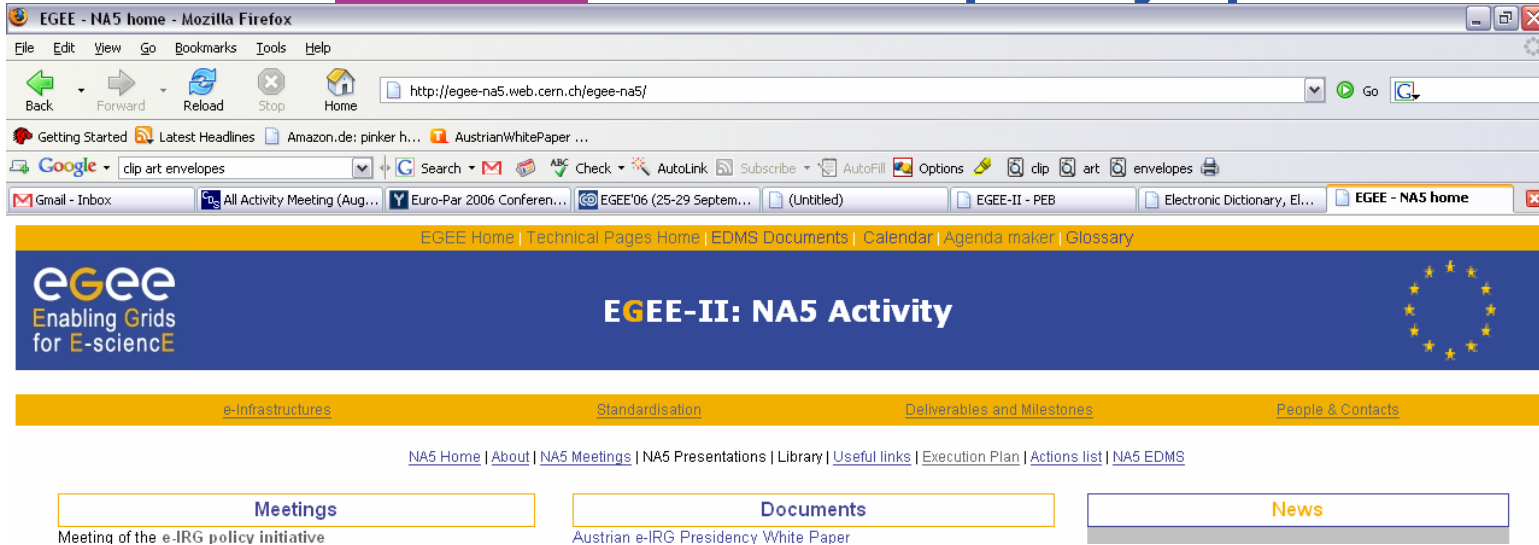
12) Strive for increased participation and leadership in standardization activities in standards bodies including GGF and related organizations, so that some of the major deliverables of EGEE/gLite widely deployed as de-facto could serve as a basis for standardization.

- Have been working on our inventory so that we can see if / where more effort is required
- JRA1 is building on its existing standardisation work, identifying future opportunities and people who can fulfil them
- Erwin Laure is contributing in the GIN group of GGF
- Strong EGEE presence at GGF meetings
- The adoption of EGEE/gLite technology as de facto standards depends on the growth of the EGEE infrastructure and the quality of the services offered to the community

13) Through collaborations with other international grid efforts, test-deploy standards-compliant modules, either those that had originated within EGEE, or those incorporated from the outside and made to be interoperable with existing gLite components.

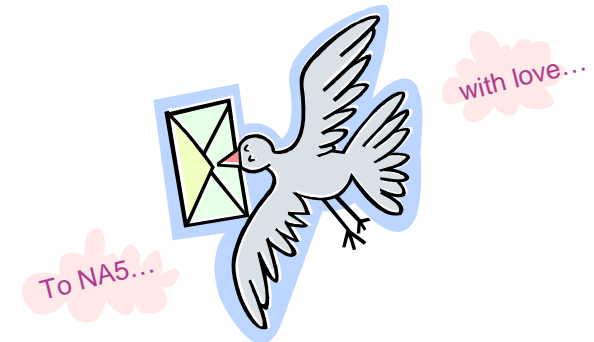
- **NA5 is responsible for the making the links with other international efforts**
- **Detailed discussions on standards interoperability are led by the technical director and technical activities:**
 - Within OGF (Grid Interoperability Now) among the major grid production infrastructures around the world
 - Further bilateral discussions with China/EuChinaGrid, Japan/NAREGI, USA/OSG

- We have a website which is frequently updated



- Notifications of website updates and appeals for information are sent to our NA5 mailing list

- Given that there are only 28 people at most named in the execution plan this seems to work well enough



- **Standardisation – we need your contributions!**
 - Everything you need is available on the NA5 pages
 - <http://egee-na5.web.cern.ch/egee-na5/NA5Standardisation.html>
- **Addressing recommendations 12 & 13 from the final review**
 - *“Strive for increased participation and leadership in standardization activities in standards bodies including GGF and related organizations, so that some of the major deliverables of EGEE/gLite widely deployed as de-facto could serve as a basis for standardization.”*
 - *“Through collaborations with other international grid efforts, test-deploy standards-compliant modules, either those that had originated within EGEE, or those incorporated from the outside and made to be interoperable with existing gLite components.”*
- **You can help us with these, and also by**
 - Continuing your strong contributions to the work of the e-IRG
 - Providing valuable information / developments from other related projects
 - Promoting the ideas of NGI/EGI

Thank you for your attention!