



Enabling Grids for E-science

NA5: Policy, International Cooperation & Standardisation Status Report

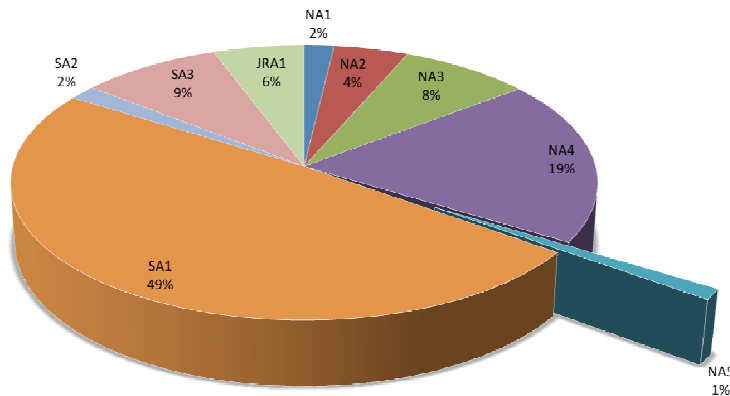
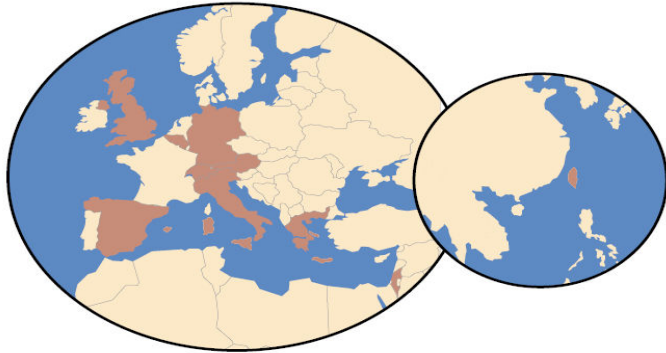
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www.eu-egee.org



NA5 Partners



Country	Total PM planned at M24 (1)	Total FTE
Austria	12	0.5
Belgium	4	0.2
CERN	12	0.5
Germany	2	0.1
Greece	34	1.4
Israel	2	0.1
Italy	18	0.8
Spain	10	0.4
Switzerland	2	0.1
UK	4	0.2
Total PM planned at M24	100	
Total FTE		4.2

(1) Total PM = Funded + Unfunded or Matching effort

- **TNA5.1 Contributions to the policy work of the e-Infrastructure Reflection Group**
 - INFN (Lead partner) GRNET, INFN, CSIC, IFAE, RED.ES, STFC, ETHZ, TAU, JKU
- **TNA5.2 Establish links with other projects and initiatives**
 - CERN (Lead partner), IFAE, FZK, GRNET, JKU, ASGC
- **TNA5.3 Monitor EGEE-III contributions to the standardization activities**
 - GRNET (Lead partner), VUB, IFAE, INFN
- **TNA5.4 Activity Management and general project tasks**
 - GRNET (Lead partner), INFN

- **Collaboration with the e-IRG (e-Infrastructures Reflection Group) and its support project e-IRGSP2**
 - EGEE has contributed considerably to the e-IRG Whitepaper resulting from the French presidency

e-IRG White Paper 2008 Sections	EGEE Contributions
Section 1: Grid & Cloud Computing	Contributors: Neil Geddes (STFC) Reviewers: Martin Llorente(UCM), Peter Kunszt (CSCS)
Section 2: Security a holistic approach	Contributors: Christoph Witzig (SWITCH) Reviewers: Neil Geddes (STFC), Christos Kanellopoulos (GRNET), Diego Lopez (RED.ES), Daniel Couril (CESNET)
Section 3: Education and Training in the use of e-Infrastructures	Editor: Malcolm Atkinson (UEDIN) Contributors: David Fergusson (UEDIN), Jo Newman (UEDIN) Reviewers: Neil Geddes (STFC)
Section 5: Sustainability of the computing-related e-Infrastructure	Contributors: Mirco Mazzucato (INFN), Peter Kunszt (CSCS) Reviewers: Neil Geddes (STFC), Rosette Vanderbroucke (VUB), Peter Kunszt (CSCS)
Section 6: Remote Instrumentation	Reviewer: Jesus Marco (CSIC)

- **CPLO**

- 39 registered Collaborating Projects (CPs), 17 still active
- 15 Letters of support have been signed
- 6 MoU have been signed and two more are under way
 - EDGeS, OGF-Europe, GENESI-DR, BalticGrid-II, SEE-GRID-SCI, Kazakh-British University, *EELA-2 (draft)*, *RESERVOIR (draft)*
- <http://collaborating.eu-egee.org/index.php?id=152>



- **Coordinated the organization of the Collaborating Projects Track in EGEE'08**
 - 7 convened sessions, 9 stands and several posters and demo presentations
 - Sustainability was a key point of many discussions
 - the planning for the future European Grid Initiative was a major theme
 - Joint publication “Achieving Global Science: Grid-powered solutions from EGEE and Collaborating Projects” with the contribution from 28 collaborating projects



<http://collaborating.eu-egee.org/fileadmin/documents/publications/CP-booklet-2008.pdf>

- **Close collaboration with the EGI_DS**
 - Organization of two EGI_DS workshops at the EGEE'08 and 4th EGEE User Forum
- **Engagement with scientists from the European Research Council (ERC - <http://erc.europa.eu>)**
 - 10 expressions of interest as a result to the EGEE open letter
 - ERC scientists have been encouraged to participate to the EGEE User Forum in Catania and to the upcoming EGEE09 in Barcelona
- **Engagement with 19 ESFRI Projects**
 - EGEE VO to support European X-RAY Laser project (European XFEL)
 - use of EGEE resources by the Cherenkov Telescope Array (CTA) Project to conduct Monte Carlo simulations

- **NA5 web page on standardization**
 - <http://technical.eu-egee.org/index.php?id=145>
 - 22 registered working groups




The screenshot shows a web browser window displaying the NA5 technical information page. The browser tabs include 'Technical: Standardisation', 'OGF25 Progra...', 'EDMS: EGEE...', 'Open Grid Forum', 'European Com...', 'Collaborating ...', and 'Open Grid Forum'. The address bar shows the URL <http://technical.eu-egee.org/index.php?id=145>. The page features a navigation menu on the left with categories like 'The EGEE Project', 'Technical information', 'Training', 'EGEE and Business', 'Collaborating Projects', 'The European Grid Initiative', 'Documents', 'Press Room', 'F.A.Q.', 'Glossary', 'Contact', 'Site Map', 'Jobs', 'Consortium area', 'EGEE Regional websites', 'EGEE I website', 'EGEE II website', 'News', 'Events', and 'Admin'. The main content area is titled 'Standardisation' and includes a search bar, a breadcrumb trail 'You are here: Technical information > Standardisation >', and a list of 22 standards and standardisation working groups: CAOPS-WG, DRMAA-WG, ET-CG, GIN-CG, GLUE-WG, GRAAP-WG, GRIDCPR-WG, GSA-RG, and GSM-WG. A large graphic of a grid network is visible on the right side of the page.

OGF WG	Standards
PGI	Secure Job and Data Management Profile in Production Grids Secure Information Profile in Production Grids Secure Accounting Profile in Production Grids Secure Monitoring Profile in Production Grids
JSDL	JSDL Specification (1.0) JSDL SPMD Application Extension (1.0)
OGSA-BES	OGSA Basic Execution Services Specification (1.0)
HPCP	HPC Basic Profile, Version 1.0
GridFTP	GridFTP v2 Protocol Description
GLUE	GLUE Schema 2.0
RUS	Resource Usage Service - Core Specification
UR	Usage Record - Format Recommendation 1.0
CAOPS	Policy Management Authority Charter Grid Certificate Profile Audit Guidelines for Grid CAs Relying Party Defined Namespace Constraint Policies in a Policy Bridge PKI Environment
OGSA-AUTHZ	Use of XACML Request Context to access a PDP Use of SAML to retrieve Authorization Credentials

- **Organizational roles:**
 - OGF Board of Directors
 - OGF Applications Area Director
 - OGF Data Area Director
 - OGF Security Area Director
- **Participated in OGF 23 (Barcelona, June 2008), OGF 24 (Singapore, September 2008), OGF 25 (Catania, March 2009)**
- **Produced extra report “EGEE-III/OGF Standardization Activities”**
 - <https://edms.cern.ch/document/997580/1>

- **Policy work**
 - EGEE input to e-IRG documents depends on e-IRG itself
- **Standardization**
 - Monitoring standardization activities is a continuous effort that requires close co-operation with the technical activities

- **Policy**
 - Continue to provide input to the e-IRG line of reports (upcoming e-IRG roadmap and whitepapers)
- **Relations with other projects**
 - Follow-up on the existing MoUs
 - Finalize MoUs under development
 - Work with collaborating projects on a joint publication regarding the transition to the EGI
- **Standards**
 - Closely follow the developments within the OGF Working Groups and monitor the EGEE participation and update the standardization website
 - Participate to the upcoming OGF events
 - Produce reports on standardization activities and make them available to the EGI

- **All activities proceeded as planned**
- **EGEE has made significant contributions to the e-IRG Whitepaper and will continue to do so.**
- **The CPLO, in cooperation with NA1 and NA4, has enabled the project to maintain existing and establish new links with other projects.**
- **We have monitored EGEE standardization efforts in close collaboration with the technical activities.**
- **All the recorded information will be maintained and constantly updated during the 2nd year in order to be handed over to the EGI**