

Dissemination, Communication and Outreach NA2 Status Report

Catherine Gater

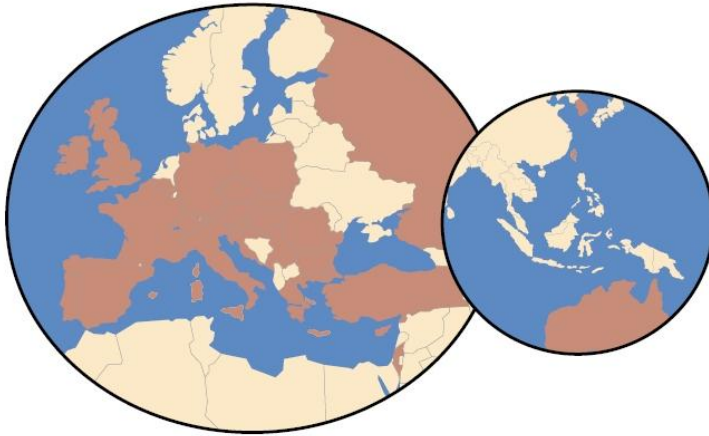
NA2 Activity Manager

CERN

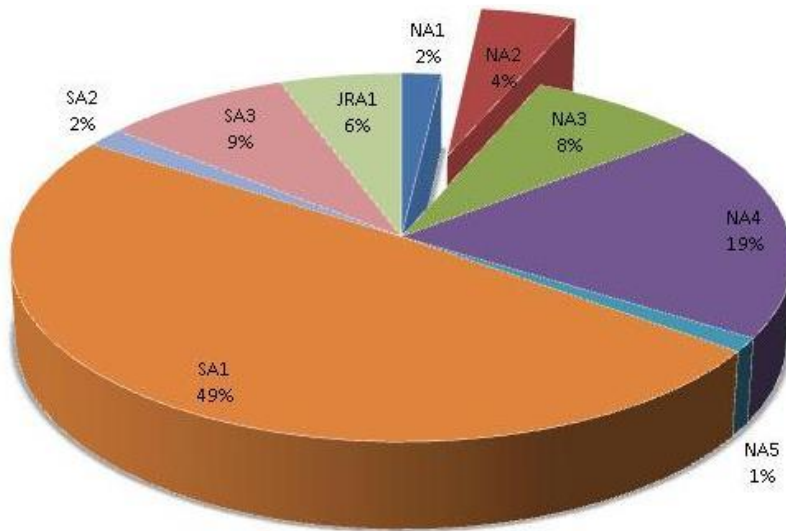
EGEE-III Final Review, 23-24 June, 2010

- **Activity overview**
- **Review of objectives**
- **Structure of NA2 in EGEE-III**
- **Achievements of NA2 in Year 2**
- **Issues and mitigating actions**
- **Lessons learnt**
- **Summary**

Manpower: 27 partners, 22 countries, 15.5 FTE



NA2 Budget



Country	Total PM planned at M24	Total FTE
Austria	5	0.2
Belgium	12	0.5
Bulgaria	6	0.3
CERN	84	3.5
Croatia	6	0.3
Cyprus	6	0.3
Czech Republic	6	0.3
France	56	2.3
Germany	12	0.5
Greece	6	0.3
Hungary	12	0.5
Israel	6	0.3
Italy	47	2.0
Poland	6	0.3
Portugal	6	0.3
Romania	6	0.3
Russia	12	0.5
Serbia	6	0.3
Slovakia	6	0.3
Slovenia	6	0.3
Spain	6	0.3
Turkey	6	0.3
UK	48	2.0
Total PM planned at M24	372	
Total FTE		15.5

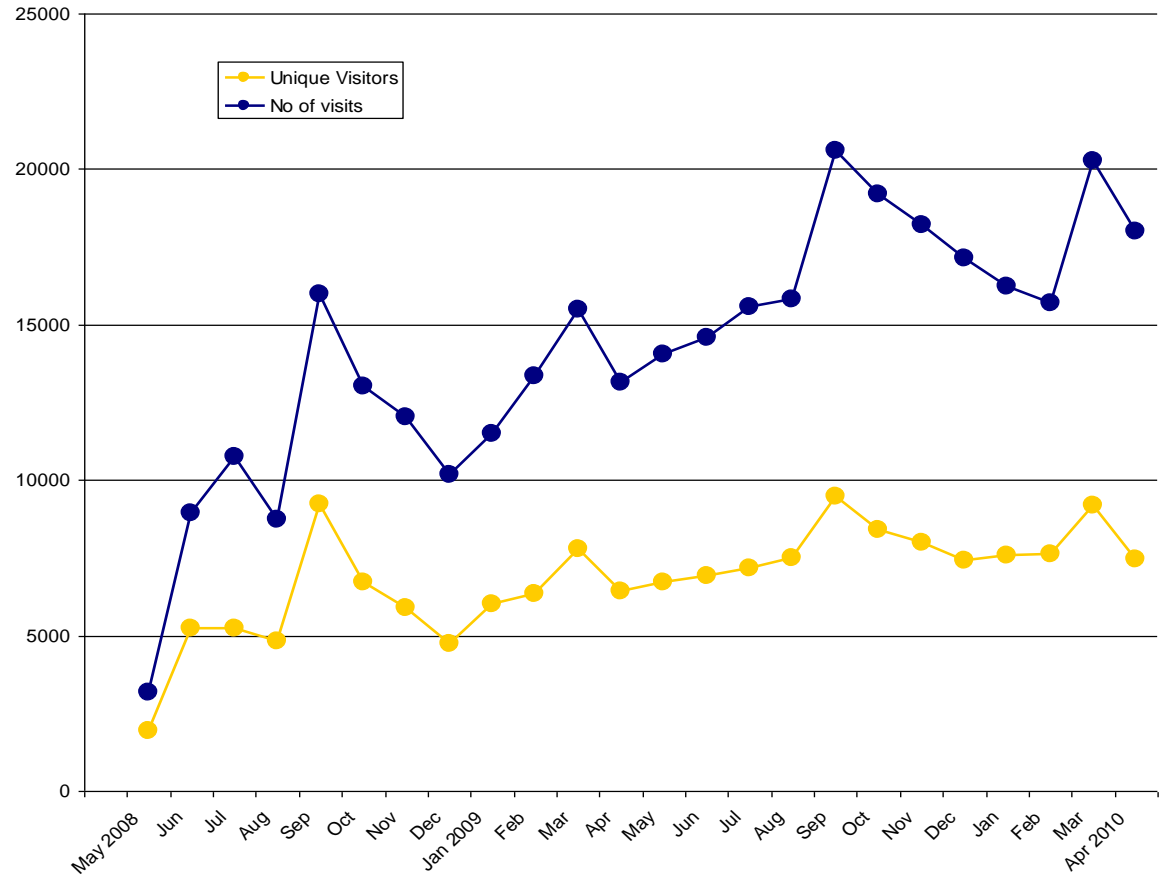
The objective of the NA2 activity is to spread the word about the project's achievements, reach out to current and new adopters of the infrastructure and prepare for a sustainable infrastructure to follow after EGEE-III through a clear dissemination plan:

- **Designing and keeping the project's website up-to-date.**
- **Increasing grid awareness and knowledge through specialist and non-specialist media.**
- **Contributing to the edition of up-to-date information to users.**
- **Producing and distributing written material about the project.**
- **Ensuring journalistic and media coverage of EGEE and its activities.**
- **Attendance at key events.**
- **Liaising closely with the project management, training and business activities.**

- **‘Clusters of competence’ model**
- **Seven sub tasks**
 - TNA2.1: Web pages and design CNRS JRU (HealthGrid)
 - TNA2.2: Materials and publications CERN
 - TNA2.3: Media, public relations and marketing to new users STFC JRU (Queen Mary, Uni of Manchester, Uni of Edinburgh, Imperial College)
 - TNA2.4: Regional effort 22 partners
 - TNA2.5: Management, administration and coordination CERN with TRUST-IT
 - TNA2.6: Business analysis and technology transfer Elsag Datamat, with BT Services, CNRS and TRUST-IT
 - TNA2.7: Dissemination and outreach to business communities TRUST-IT with Elsag Datamat, BT Services and CGG Veritas

- Launched 21 May 2008 at the London Business Day.
- Average of 6,800 unique visitors per month.
- Total of 160,000 unique visitors, or 340,000 visits over the lifetime of the project.
- Total of 8.5 million 'hits'.
- Visitors from countries across the world, including Europe, India, Africa and the US.
- Regional web sites took visitors up 21,000 per month

EGEE Portal Web Statistics 2008-2010





EGEE
Enabling Grids for E-science

The EGEE Project
Technical Information
Training
EGEE and Business
Collaborating Projects
The European Grid Initiative
Documents
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Glossary
Contact
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Jobs
Consortium area
EGEE Regional websites
EGEE I website
EGEE II website

News Events

Admin

Project:
INFSO-RI-222667

Welcome

Enabling Grids for E-science (EGEE) is Europe's support infrastructure for over 10,000 researchers in physics, earth and life sciences.

In 2009 EGEE is focused on transitioning to a support services for its users. The resources currently coordinated by the Grid Initiative (EGI) as of 2010. In EGI each country has its own Initiatives. The adoption of this model will enable support collaborative scientific discoveries. EGI will enable European and global research community for many years.



LATEST NEWS

- 18.05.09 **GMAC'09: Workshop Grids Meets Autonomic Computing**
- 14.05.09 **Lift off! Planck satellite enters space, begins mission**
- 11.05.09 **Registration now open for the EGEE'09 Conference!**

European Grid Initiative

Letter to NGIs from EGI_DS Project Director

You can read letter to NGIs from EGI_DS Project Director [here](#).

EGEE'09 Conference in Barcelona

Uniting our strengths to realise the sustainable European grid

Enabling Grids for E-science

Enabling Grids for E-science's grid computing infrastructure today supports thousands of researchers and scientists around the world, helping them to meet their e-science challenges.

- Home
- Programme
- Registration
- Media Room
- Exhibition
- Accommodation
- Sponsors
- Keynote Speakers
- About Barcelona

From EGEE to EGI

EGEE'09, the final conference of the EGEE project, is a meeting for businesses, collaborating projects and researchers to realise a sustainable future for the European Grid Initiative (EGI).

Driven by the needs and requirements of its users, EGEE will enable the next leap forward in collaborative scientific endeavour across Europe.

The transition to EGI will be a major challenge across the speakers, the exhibition and the sessions.

EGEE'09 conference

The EGEE'09 conference will take place in Barcelona between 21-25 of September 2009 with participation of more than 600 delegates.

A production grid infrastructure

The EGEE project (Enabling Grids for E-science) is a Commission and its third phase, EGEE-III, is a project creates a production grid infrastructure for Europe and beyond.

Welcome Programme Registration

Welcome to the web page of the 5th EGEE User Forum!

The 5th EGEE User Forum will be held in collaboration with EGI and NDGF in Uppsala, Sweden, April 12-15, 2010, hosted by SMC, UPPMAX and PDC. The main sponsor of the event is Microsoft.

A draft timetable is now available at [the programme website!](#) Over 170 abstracts were submitted and following review over 100 oral presentations, and around 30 posters and 20 demonstrations have been accepted.

Additionally, if you would like to showcase your project or institution at the User Forum, organisers are now accepting reservations for stands at the exhibition area. There will be two sessions dedicated to demos, posters and the exhibitors to maximise visibility. All information about reserving a booth, are available under 'Exhibition'. Book your booth before Feb 25th to be sure to appear in the printed programme.

As this will be the last ever EGEE meeting, the organisation committee is seeking to make it special. Tuesday evening will see us enjoying a spectacular dinner at Uppsala Castle, a fortification dating from the 16th century overlooking the city. More information on the Gala Dinner venue and Uppsala in general can be found [here](#).

- Call for Abstract
- List of participants
- Sponsors
- Exhibition
- Trainings - Workshops
- Plenary Speakers
- General Information
- Press room
- Previous events
- Contact

- From May 2008 to April 2010, numbers of visitors per month increased from 4000 per month, to 8100 in the final quarter.
- Peaks in traffic around the 4 major EGEE events.
- Most visited pages were the home page, FAQs, Business Forum Newsletter, EGEE event pages, newsletters and publications.
- Section about the European Grid Initiative added to the website at the start of year 2.
- RSS news feed from the EGI_DS project added to the home page.
- Audit of all EGEE websites, including those maintained by NA2, regional partners and other activities carried out.



Enabling Grids for E-science

EGEE Publications

EGEE
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for E-science

Dear EGEE-II project members,

On 20 January the policy board of the European Grid Initiative Design Study project officially endorsed the "EGI Blueprint" as the basis for the future pan-European grid organisation. (Its final version is available on www.eu-agi.eu/agi_blueprint.pdf) The blueprint gives a broad outline of how our project will be part of the transition to EGI and the details are still in the process of being defined.

To address this, as mentioned in last month's letter, there was an all-activity meeting 27-28 January hosted by our colleagues at Vrije Universiteit Brussel in Belgium, to discuss the transition. About 50 project members were in attendance, with representatives from all EGEE activities, the Project Management Board and the EGI Design Study project. (The slides, programme and attendance list are available online: <http://indico.cern.ch/event/445814/>.)

As Steven Newhouse, EGEE technical director, mentioned in his opening comments, the transition to the European Grid Initiative needs to be seamless, without any disruption to the service for user communities. To help us promote a smooth hand-over, at this meeting all activities presented where their current operations fit in the EGI world; how their tasks interact with other activities; tasks, what assumptions are being made about how EGI will operate and what unknowns still need to be addressed.

This meeting helped improve the transition model, particularly as we rewrite our Description of Work for the project's second year to adapt our structures to the EGI model.

During the meeting it became apparent that, while there are uncertainties for key tasks from all activities, the area where the EGI model is the least developed is that of maintenance and deployment of middleware. It is a priority then to outline the responsibility, composition and funding of the Unified Middleware Distribution and its relationship to the Middleware Unit of EGI.org, the middleware consortia and the NSIs.

Also, for grid operations, the transition to EGI could be greatly simplified if the existing tools are adopted by EGI and the current organisations continue to offer these services to EGI during an initial period. Additionally, the relations with the business community are under-developed in the blueprint and could benefit from the experience gathered by EGEE and the collaborating projects.

The most important information that will allow EGEE to continue with its transition planning is a clear statement of which NSIs will become part of EGI in 2010 and which pan-European tasks they are willing to perform. To this end, we are preparing a list of tasks for each NSI.

This NSI task list will be further developed with the EGI Design Study project in time for the 4th EGEE User Forum, 2-6 March 2009, Catania, Italy. During the event the EGI Policy Board will also announce the future location of EGI.org, which will be the central organising body of the European Grid Initiative.

It is sure to be an exciting event—looking forward to seeing you there!

Yours sincerely,

 Bob Jones
 EGEE-II Project Director

Director's letter, 24 monthly issues

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Worldwide Grid helps in the fight against heart disease
Catania, Tuesday, 3 March 2009

PRESS RELEASE

The latest work on the genetic causes of one of the world's biggest killers, coronary artery disease, will be published in the March 2009 issue of *Nature Genetics*. The research team is based from the Collaborative Genomics project the European Grid for E-science (EGEE) infrastructure. EGEE manages the world's largest multi-institutional computing grid and enables the researchers to do their present work at least 100 times faster. The allowed them to identify possible genetic candidates for the causes of a disease whose links over two million people a year in Europe alone.

Coronary artery disease (CAD) is the most common form of heart disease and is a leading cause of death worldwide. It is an acute first cause of death, from failure and arrhythmias. The team could also researchers to better understand why the disease develops in some individuals but not others.

Until recently, we looked at one variant of a gene when trying to find new genes associated with disease", said David Taggart, Pierre & Marie Curie University (PMCU), France.

"In this work we are using an original approach which lets us look at several variants at once. In instead of investigating the effect of CAD risk of the 175,000 individual genetic markers available in this project, more than 3.1 million combinations were tested. It is one of the largest number of combinations tested in EGEE".

The work done in three steps to rapidly narrow down the genetic suspects within a person's chromosomes that could make them vulnerable to CAD. In the first step, almost 8.1 million configurations of genetic markers were examined and 20 genetic combinations were identified as strongly associated with susceptibility to CAD. If viewed as these 20 combinations, the second step the aim is to bring the genetic markers to the attention of the genetic markers confirmed to be strongly associated with the risk of CAD. When these four genetic markers were investigated in additional studies, covering a total of almost 12,000 individuals, there was a strong correlation between their presence and the risk of having CAD.

One of the possible explanations behind why these four genetic markers occur is indicate that a common step in an inherited risk of CAD is that they involve cells genes that regulate an enzyme called lipoprotein lipase. A recent form of lipoprotein lipase is used to destroy around the middle to improve CAD. When the lipoprotein lipase compared the levels of the enzyme in the studies, they found that there was a strong correlation between high lipoprotein levels and the presence of the desired gene variants.

Notes for Editors

Follow the EGEE User Forum live via Google+ at <http://google.com/+egeeuserforum> and Twitter at <http://twitter.com/EnablingGrids>. Photos from the conference will be tagged on Flickr with #egee09.

Press contacts: Franck Delcourt, EGEE Press and Event Manager, +33 (0)3 63 3112, franck@indico.cern.ch. For reference details visit <http://egee.org>.

Copyright: an EU project coordinated in Lisbon, Germany, aims to discover genetic variants leading to coronary artery disease to improve the understanding disease mechanisms and help to develop new treatments. For more information see www.collaborativegenomics.eu.

EGEE: next steps are:

- To build a secure, reliable and robust grid infrastructure
- To develop a computing service for many scientific disciplines
- To attract, engage and support a wide range of users from business and industry, and provide them with extensive technical and training support

For more information see <http://www.egee.org> or contact Catherine Gater, EGEE Communications, Outreach and Communications Manager, on +43 (0)2 74 74 74 or e-mail Catherine.Gater@cern.ch.

EGEE Press Office: CERN-EGEE-0001@CERN.CH (E-mail)
 Telephone: +41 22 767 4170; pressoffice@egee.org
 EGEE-III is coordinated by the European Commission under contract number INF-SO-05-000000

Press releases, 28 issued by central office, 88 across NA2

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GRID OBSERVATORY

APPLICATIONS

The Grid Observatory cluster of Enabling Grids for E-science (EGEE) aims to develop a scientific use of the operation of grid behavior and usage by analyzing the behavior of the EGEE grid.

With customer monitoring facilities already in place, EGEE grid offers an unprecedented opportunity to observe and gain understanding of user computing operations of activities. Considering a few tens of thousands of CPUs, hundreds of storage nodes, extensive coverage of scientific applications, and the presence of automatic discovery, the EGEE grid is one of the most exciting artificial systems available.

This group will model the dynamics of the grid, using advanced statistical, learning, and signal processing methods. This will help computer system researchers and grid developers improve reliability, stability and performance.

Grid Observatory goals

The first goal of the Grid Observatory is to build a publicly accessible repository of grid issues to observe:

- The dynamics of a Science system: EGEE provides a good approximation of the current and future behavior.
- Grid usage and maintenance activity: These can be used for wide range of applications, from operational usage to performance analysis to scientific usage to a training evaluation method for grid education.

The second goal of the Grid Observatory is to provide a better understanding of the grid and through this, better optimization:

- Application developers need context characterizations of grid activity and the grid applications for predicting and optimizing application performance.
- Grid service are required for performance engineering, evaluating the impact of activities in grid configuration and middleware.
- Grid configuration and self-management are desired functionalities in many areas, ranging from resource allocation to routine fault diagnosis, including green computing as an increasingly urgent demand.

The grid federates independently managed resources. This has many effects, ranging from what is accessible for observation to the acceptable hardware for middleware support.

Operational collaboration

The Grid Observatory is an open project, users collaborate with various areas of computer science:

- The database of issues will contribute to grid research and engineering. The availability of reference datasets about usage of the grid including job execution, usage, and types of middleware services, with some level of explanatory tagging, will be a new frontier to quantitative analysis of grid usage.
- Optimizing the grid data sets is an understandable, although non-trivial, problem, since it is often the operational level and not the scientific level that is the most important.
- Interoperability with other resources is a major grid challenge from other scientific resources.
- Automated computing is highly relevant at a time where production grids are trying to sustainable infrastructures, are experiencing increased usage and reducing the management burden for grid applications.
- Machine Learning has proved successful in solving large and noisy problems that require the human input.

Application webpages

EGEE is home to several user applications. For further information on how to participate see <http://www.egee.org> or contact franck@indico.cern.ch.

More information about the application running on EGEE is found on the EGEE website at <http://www.egee.org>.

Group contacts

David Taggart (E.ON) Email: david.taggart@pmcu.fr
 For further information see franck@indico.cern.ch
 The Grid Observatory project www.gridobservatory.org

Last update: 2008/08/08

Info sheets, 26 available in up to 6 languages

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News

- EGEE Outreach: Welcome the User Forum ends with a bang
- User Forum Round Up
- EGEE has a new director
- EM is back when middleware in EGEE
- New interoperability: Enabling Grid with IAC
- Agree steps in as the new application service
- Getting things organized: BRICK and DICOM
- Want to visit some light on the problem?
- Grid 2.0: What's happening in your Grid?
- The story of our trip and a final farewell

EGEE Versus the Volcano: The User Forum ends with a bang

As noted by Steven Newhouse in the closing session of the EGEE technical Forum (April 12-16, Uppsala, Sweden), "We are ending with a bang."

Late on Wednesday, April 15th a volcano in Iceland (Hvannadalur) had unexpectedly erupted. It opened plumes of volcanic ash into the upper atmosphere - at just about the elevation planes fly. The British airspace was the first to shut, with just about the northern Europe quickly following suit.

It is rain - and welcome - for a natural disaster to have so little impact on human lives and suffering. What misery there was being mostly limited to interrupted travel plans and inconvenient, lengthy journeys home. What journeys we had thought! Many of us spent a large part of the weekend following the forum sending furling of e-mails to each other, trying to access websites that were forever crashing, making phone calls to lives that would not pick up, trying to get news of our workmates, and assuring ourselves that everything would clear up in a day or two.

For a group of us in the EGEE project office going home meant more than a full day of playing musical chairs between buses, ferries, trains and taxis. That is, when we were lucky enough to have a chair. In total our journey came in at just under 27 hours. We know we were some of the fortunate ones though. What was your travel story like if we want to hear. Tell us and the account judged the best by the EGEE Project Office will be awarded a prize in honor of your odyssey. E-mail us or post a comment on GridCast.org

(See a version of our adventures below in the final story of this final newsletter of EGEE.)

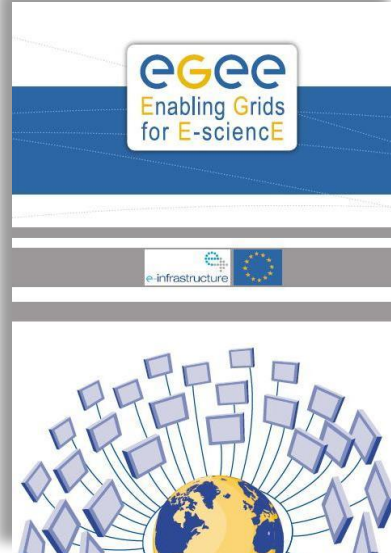
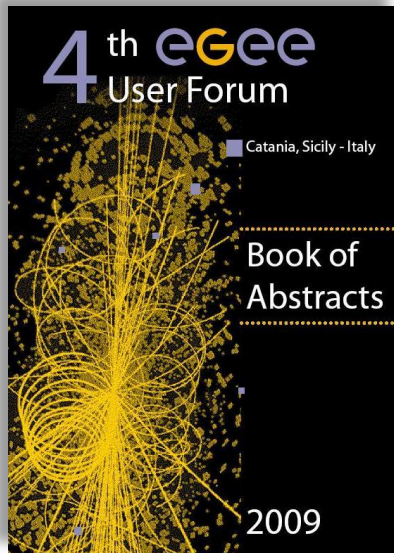
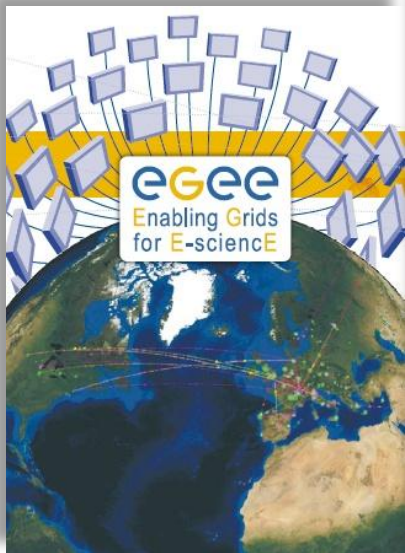
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User Forum Round Up

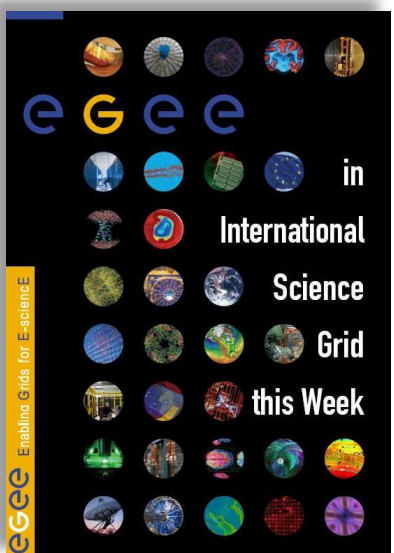
Welcomed by blue skies, pickled herring, and tall friendly people, the EGEE User Forum drew in to its final port of call in Uppsala.

Two teams went home with prizes for excellent demonstrations. The winner of Demo Session 1 went to "NewGRID: a grid for animal infrastructure" to understand defeat brain diseases," awarded to David Massey of masai and Yannis Legas of HealthGrid. Marcijn Pissoneel of PSNC


Project newsletter, issued quarterly, 1800 subscribers



- Transition brochure.
- Final project brochure.
- New EGEE in the Headlines edition for 2009/2010.



- Over 50 articles for *International Science Grid This Week*.
- Papers in *ICT Results and Projects Magazine*.
- 1500 word article for *SEED* magazine.
- Articles for *HPCwire*, OMII-UK's Newsletter, *CERN Computer Newsletter*, *research*eu*, *Belief-II's Zero-In* magazine.



On the next internet

Grid computing began as a data-management solution for high-energy physics projects associated with CERN's Large Hadron Collider. It now stands to redefine collaborative problem-solving—in science and beyond.

CHARLES CURRAN, a physicist who recently retired as the longtime storage consultant at CERN, remembers the old days of data access: when filling a request from a researcher was often a labor-intensive, daylong misadventure.

In the 1970s, information from CERN's accelerators and experiments was stored on tapes, held in a large library in the IT department, originally retrieved manually by operators and then copied to disk for the researcher. Overworked operators fell asleep, went missing for hours at a time, invented trickery to make the machines work faster, and overloaded the conveyor belts, causing tapes to fall off and disappear. Tape-retrieval robots squared off against mice (in one documented case, the mouse was found months later, desiccated) or overloaded when they couldn't reach tapes, melting their wheels in frustration. A request to see a certain tape often took 24 hours to fill.

Now the wait is about two minutes, hardly enough time to get a cup of coffee. Accessing and processing data is now faster, more flexible, more reliable, and cheaper. A researcher in Croatia can reach and exchange data, in a variety of formats, with a colleague in Argentina almost immediately, 24 hours a day, seven days a week, without leaving her desk or going up against any rogue mice.


In the past decade, the public research community, the European Commission, the US, and other countries' governments have invested heavily in game-changing data infrastructures known as "grid computing." A grid is a network for

sharing computer power and data-storage capacity over the internet. It goes well beyond simple communication between computers, ultimately aiming to turn the global network of computers into one vast resource for solving large-scale computer- and data-intensive applications. Grid computing is often compared to the concept of an electric power grid in which the power generators are distributed; in a computational grid, users can access computing power without regard for the source of energy or its location. A key element of grid computing is that it enables real-time collaboration between geographically dispersed communities in the form of virtual organizations.

In the next decade, we must invest even more heavily in such technology. Data is fundamental to science, and the science we do now requires ever-increasing data sets. We need flexible, powerful computing systems to support this data.

How did we get here? Computing grids were in their infancy in the late 90s, when the collaborations around the Large Hadron Collider (LHC) shifted focus to its computing needs. Plans for information technology needs are often looked at last in projects like this because, while you can trust that computing will be more advanced, you don't know what firm that advancement will take by the time your machine, satellite, or observatory is ready.

However, for the LHC there was another problem. Funding for computing wasn't included in the original costs. (The logic was that this couldn't be estimated accurately, so it wasn't estimated at all.)



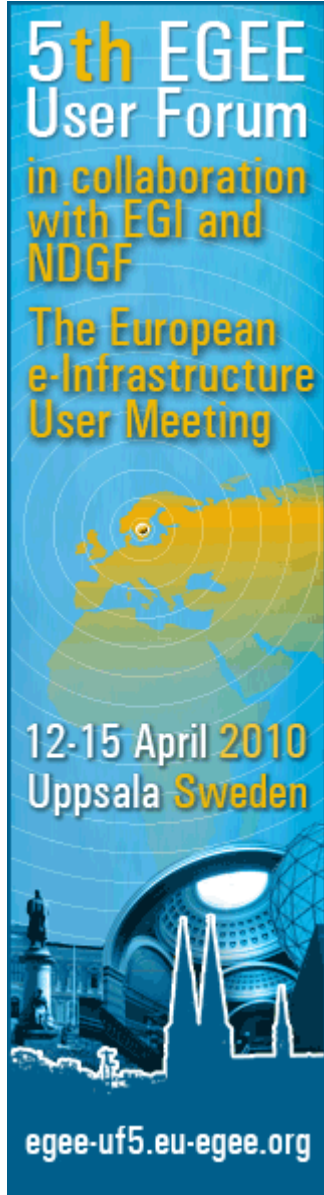
Bob Jones is project director of the LHC's open Commission-1 funded Grid Computing project. He is also a member of the EGEE steering committee.

David Global Press



EGEE'09 Conference in Barcelona

- Attended by 631 delegates from 43 countries.
- Press releases rebroadcast by *HPCwire*, *Supercomputing Online* and *Innovations Report*.
- Press releases reached 4000 journalists via AlphaGalileo and EGEE contacts lists.
- Event announced by media partners: *HPCwire*, *GridCast*, *iSGTW*.
- Hosted two sessions, one featuring a *New Scientist* journalist.
- Collaboration with GridTalk, via the GridCast website – 68 blog posts and 8 podcasts published.

A vertical banner for the 5th EGEE User Forum. It features a blue background with a stylized map of Europe in yellow and green, overlaid with a grid pattern. At the bottom, there is a silhouette of a person standing in front of a large, futuristic building with a glowing dome. The text is in white and yellow.

5th EGEE
User Forum
in collaboration
with EGI and
NDGF
The European
e-Infrastructure
User Meeting
12-15 April 2010
Uppsala Sweden
egee-uf5.eu-egee.org

- Event announced by media partners: *HPCwire*, *GridCast*, *iSGTW*.
- NA2 session on lessons learnt from dissemination activities.
- Collaboration with GridTalk, via the GridCast website – 56 blog posts, 247 photos on Flickr, 12 webcasts, 55 microblog posts published.
- Two press releases on grids and health and using the iPhone and Sony Playstation for grid applications.
- Coverage in *HPCwire*, *iSGTW*, *British Journal of Health Computing & Information Management*, *Eurasia Review*, *Le Scienze*, *News-Medical.net*, *Projects Magazine*, *PS3World*, *Science Daily*, *Scientific Computing World*, *Technobahn*

Facebook Home Profile Friends Inbox

flickr Home You Organizations

twitter Home Profile Find People Settings Help Sign out

GridCast
Blogging behind the scenes of grid computing

YouTube EnablingGrids Sign Out

EGEE Global
Basic Info: Type: Organizations + Co-located
Description: Enabling Grids for E-science (EGEE) is a European Commission funded project which currently processes up to 300,000 jobs for fusion science. The EGEE Grid infrastructure provides the time and resources needed for traditional IT infrastructures.

Your photos
DSC_1331
By GridTalk team
Anyone can see this photo
Uploaded on Apr 12, 2010 | Delete | 37 views / 0 comments

DSC_1306
By GridTalk team
Anyone can see this photo
Uploaded on Apr 12, 2010 | Delete | 19 views / 0 comments

DSC_1365
By GridTalk team

What's happening?

Latest: #EGEE Positions open at EGI.eu - closing date 31st at EGI.eu <http://bit.ly/9yaF1n> 6 days ago

Home

itff Making community health information data: <http://oreil.ly/ab8DwLIFTF> take <http://bit.ly/v0US>
half a minute ago via CoTweet

laurahd 16 today #gosingwatch - <http://yfrog.com/bgktdfj>
half a minute ago via Twitter for iPhone

wired Wanna score a free (free!) p Business Conference? Just RT this <http://bit.ly/9n6mC3>
1 minute ago via TweetDeck

inti_illimani cerrando nuestra d raro que la gente lo considere Gua es que haya sido un "candidato"
6 minutes ago via web
Retweeted by [Opialdo](#) and 7 others

cloudbook Webinar Today: The C Improve the Current Cloud Comput <http://bit.ly/crw6VY>
8 minutes ago via web

koukopoulos RT @freedompolit: gives Hamas someone to blame the <http://bit.ly/cNkx07>
10 minutes ago via HootSuite

wired The hotness: thermal video c amazing. <http://bit.ly/atDIUg>
10 minutes ago via TweetDeck

CloudExpo High Availability System <http://cloudcomputing.sys-con.com>
10 minutes ago via web

itff 5 Innovations Inspired by Libera <http://bit.ly/ccyE5B> #OpenHealth #G <http://bit.ly/1TEnp>
11 minutes ago via CoTweet

dextrin Is Relying on the Cloud a Re Vendor lock-in is a thread to the ad <http://ow.ly/1TEnp>

Read the GridCast blog

Latest blog posts:

- Stairway to engagement: SIEN Brussels
- Engaging DCIs, Brussels, 31 M

5th EGEE User Forum
Uppsala, Sweden, 12-15 April 2010

We want you to blog!
Become a member of our team of bloggers to keep up to date with GridCast!

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Enabling Grids for E-science
EnablingGrids's Channel

Uploads (0)
see all

Favourites (46)
see all

- Black hole with four magnetic poles ISGTW - 174 views
- Black hole with two magnetic poles (dipole) ISGTW - 223 views
- 11. The AMGA Service pkoro - 45 views
- EGEE 5th User Forum 2010 (12) see all
- e-NMR: Computational NMR Infrastructure in vinejara - 142 views
- CPMD Jobs 2 EGEE via FARG enagrid - 47 views
- Gisheo - Project Presentation Gisheo - 80 views
- EGEE'09 (20) see all
- Visualization e-Services

An Introduction to EGEE
From: gridpp | 10 December 2008 | 322 views
From the Creative Connections DVD

Recent Activity
EnablingGrids ... Attach a video post bulletin
EnablingGrids subscribed to pkoro (3 weeks ago)

HealthGrid Conference, Jun 09



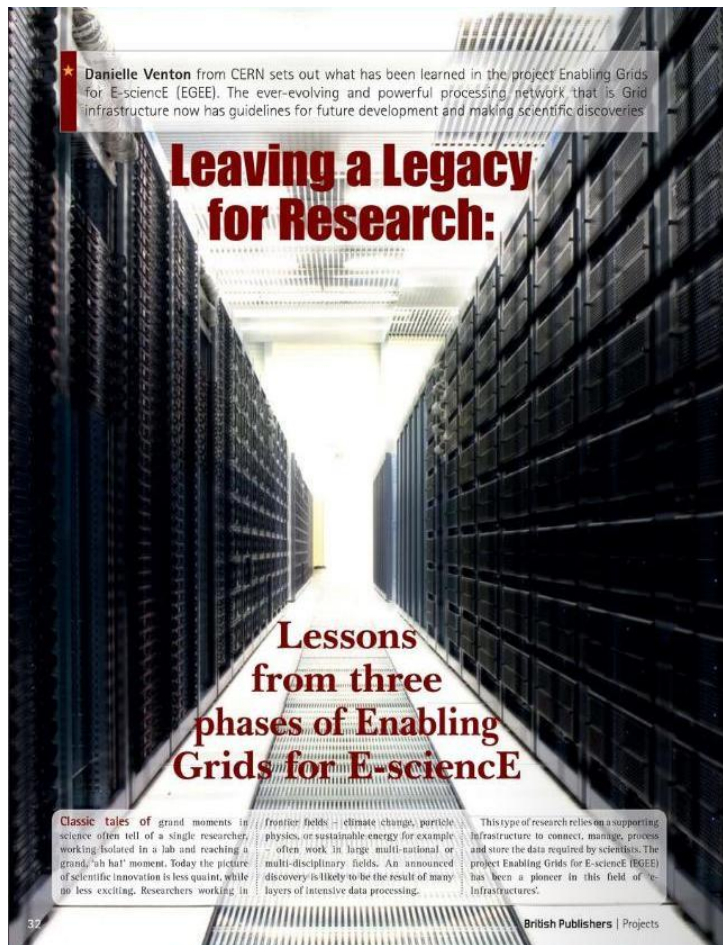
Supercomputing'09, Oregon, Nov 09



D4Science World User Meeting, Nov 09



UK eScience All Hands Meeting, Dec 09



- **Projects Magazine**, Issue 15, February 2010: "Leaving a Legacy for Research: Lessons from three phases of Enabling Grids for E-science"
- **ICT Results**, 6 January 2010: "The Grid: A new way of doing science"
- **ComputerWeekly.com**, 23 November 2009: "CERN's LHC pioneers quantum leap in cloud computing"
- **PhysOrg.com**, 24 September 2009: "Global grids tackle global science"
- **Nature Methods**, 9 September 2009: "CASD-NMR: critical assessment of automated structure determination by NMR"
- **iSGTW**, 26 August 2009: "Improving Alzheimer's research, a million scans at a time"
- **Virtualization Journal**, 20 July 2009: "Europe's Largest Grid Project Moves Closer to Cloud-style Computing"
- **iSGTW**, 1 July 2009: "Grid makes a SPLASH in underwater archaeology"
- **Supercomputingonline.com**, 8 June 2009: "MATLAB Runs on Enabling Grids for E-Science"

- **Streamlining business activities with an eye to:**
 - Consolidating activities & current network
 - Collating associate insights into barriers & opportunities
 - Interviews for targeted input: Business Associates & early adopters
 - Synergies with European projects for additional insights & knowledge exchange



- Evaluating current gLite uptake in commercial settings
 - 10 Successful Case studies analysed & published

Philips Research – Total UK – CGGVeritas – Digital Ribbon – Stock Analysis – Health-e-Child – GridVideo – WISDOM – S-Sicilia - Imense



EGEE Business Associates – gLite offerings & uptake

Avanade (Italy) gLite integration into Avanade Grid Architecture by rendering it interoperable with Windows machines.

Constellation Technologies (UK) - “SuperCloud” solution based on gLite for variety of commercial sectors plus additional services based on market requirements & support to commercial customers.

Excelian (UK) now offer gLite as an option to their clients as part of their consultancy services for banking & financing.

GridwiseTech (Poland) integration of internal job management environment with external, on-demand resources managed by EGEE grid. Solution combines LCG/gLite to serve other industrial clients, increasing current compute capabilities at no extra hardware costs & no grid knowledge required by end-users.

Hitachi Labs (France) integration of their data grid solution with the EGEE framework, working with EGEE for latency-insensitive mechanism to transfer large quantities of data between peers.

Linalis (Switzerland) industrial Grid training services. Instrumental role in EGEE’s Business Day within LinuxDays 2009 in Geneva, Switzerland.

NICE (Italy) offer comprehensive Grid solutions in industrial and research Grids, Grid portals and Grid intelligence, which include gLite and EGEE related technologies.

Platform running Enterprise Grid using gLite. Improved the interoperability of gLite with their LSF (Load Sharing Facility).



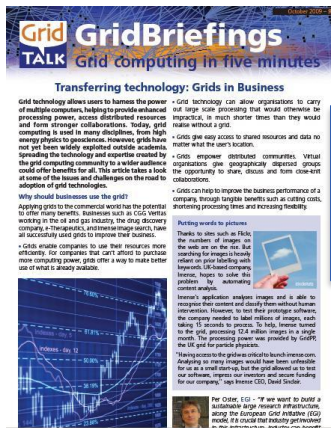
Business Associates & Adopters – benefits of involvement

Benefits of Engagement

Important opportunity to network with elite scientific community. F2F interaction with user communities to tackle real-world problems & set realistic targets (Hitachi).

Develop new collaboration opportunities & turn “*ideas into a business*” (David Sinclair, CEO & Founder of Imense).

Early access to technology developments. Creating contacts for the short to long-term. Important knowledge exchange between innovators & user communities. Role in advancing the culture & knowledge of grid computing (All EBAs).



GridBriefing on Tech Transfer, Sept 09

Promoting Synergies



IT-TUDE.com - The connection of cutting-edge research to smart business solutions

GETTING STARTED TECHNICAL SOLUTIONS INDUSTRY BUSINESS VALUE VIDEOS BLOG NEWS AND EVENTS ASSO

IT-TUDE.com - News and Events -

BEinGRID & EGEE-III Join Forces at EGEE'09 Business Workshop, 23 Sept 09

EGEE's Business Forum teams up with BEinGRID, Europe's largest integrated Project under FP6 for a one-day business track on Wednesday 23 September 2009 in Barcelona, Spain. The three sessions will showcase achievements from a business and technology transfer perspective and define the next steps as we move towards new frontiers in the areas of clouds and grids.

The opening session spotlights the main focus of EGEE's business activities and the BEinGRID project as well as the transition to a sustainable European Grid infrastructure with business and technology transfer firmly in mind. The session also presents IT-TUDE and its focus on the business value of service oriented IT, playing a pivotal role in connecting the business and technology communities through dedicated services of interest to both with a direct Return on Investment (ROI) for the user experience through independent, expert

HPCWire >> Off the Wire

September 24, 2008

EGEE Evaluates Strategy for Business

Sept. 24 -- The sea-change surrounding cloud computing has brought with it a push-pull towards lowest common denominator components on the one hand and higher level services on the other. As the goal posts keep moving, Enabling Grids for E-science (EGEE) has embarked on a strategy to evaluate the benefits and challenges of diverse solutions, with the aim of helping companies, large and small, to capitalise on its open source technology.

As part of the Business Track (September 22-23) within the premier annual grid event EGEE'08, David Sinclair from Imense, a UK SME, illustrates how involvement with EGEE and the STFC's (Science and Technology Facilities Council, UK) PIPSS award has served as a catalyst, enabling Imense to raise commercial funding and turn an idea into a business. Sinclair's talk illustrates how grid access can level the playing field for new companies wishing to demonstrate internet scale technology. "We have reaped the benefits of EGEE's open source glue middleware to run our content-based image retrieval technology. Our work with EGEE and the University of Cambridge helped us demonstrate that our software

HPCWire, Sept 08

Business Associates & Adopters – insights on barriers & opportunities for business & sustainability

Barriers	Opportunities
Industry-quality = industry involvement, including option to “drop & replace technologies” and software development.	Grid good for large-scale computing & storage. <i>“Grid seems ideal for parallel spidering tasks to gather scientific papers for indexing”</i> (Sinclair). Pharma R&D labs.
Strong need for market requirement analysis & personalised programmes for technology transfer. Better understanding of commercial test cases.	Training personnel from enterprise & sponsorships for new applications. Applications built with businesses in mind & disseminated by business partners.
Hiding complexity from end-users is key: achieved by Health-e-Child.	New business models at national or EU level & commercial interface & brokering services.
<p>While cloud computing may represent competition, both communities have a lot to learn from each other to gain a better understanding of Grid & cloud convergence (e.g. StratusLab) and new opportunities moving forward.</p>	

- **Private sector**

Geosciences

CGGVeritas, France marketing Geocluster application, "Geovation", software for **seismic data processing** and **imaging** which uses gLite thanks to direct outcome of involvement with EGEE over several years. Business Pilot in BEinGrid – Seismic Processing & Reservoir Simulation – increasing visibility & fostering synergies.

Total UK, Geoscience Resource Centre running test applications on an external grid to assess advantages/disadvantages of in-house versus external applications.

New business creation

Imense, UK Testing new technology on EGEE with support from Cambridge eScience Centre. With technology transfer funding from the Science & Technology Facilities Council company set-up its Imense® Web 3.0 product to improve image search functionalities.

Testing new approaches to job submission

Digital Ribbon, U.S. a service registry company for private & public sectors. Testing new ways of sending jobs in sync with WISDOM team, demonstrating that EGEE can run well on Digital Ribbon resources.



- **Healthcare & Life Sciences**

Health-e-Child Gateway for paediatric medicine supporting personalised healthcare services underpinned by gLite. Widely recognised for its innovation value-add (e.g. ICT2008 Grand Exhibition Prize).

- **gMaat** have articulated a gLite custom solution around Grid computing technologies for a wide-range of commercial sectors

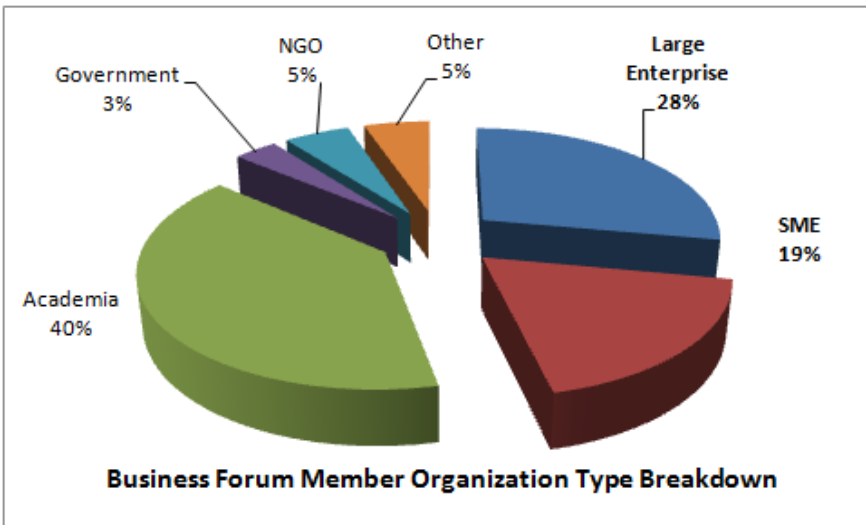
Philips Research, Netherlands investigation into grid deployment led to HPC demonstrators e.g. in the medical domain and a local “gLite/EGEE” based grid cluster which is part of DutchGrid. Involvement secured by GridwiseTech.

WISDOM – one of front runners in leveraging grid-enabled *in silico* docking on EGEE grid infrastructure for rare & neglected diseases (e.g. Malaria & Avian Flu).

- **.Proofs of Concept & Services for Business**

Stock Analysis application for financial research data intensive statistical analysis for securities. **GridVideo** for tailoring & streaming media files, demonstrating potential for grid outside eScience. **S-Sicilia grid-based infrastructure** for business to help improve performance, quality & time-to-market.



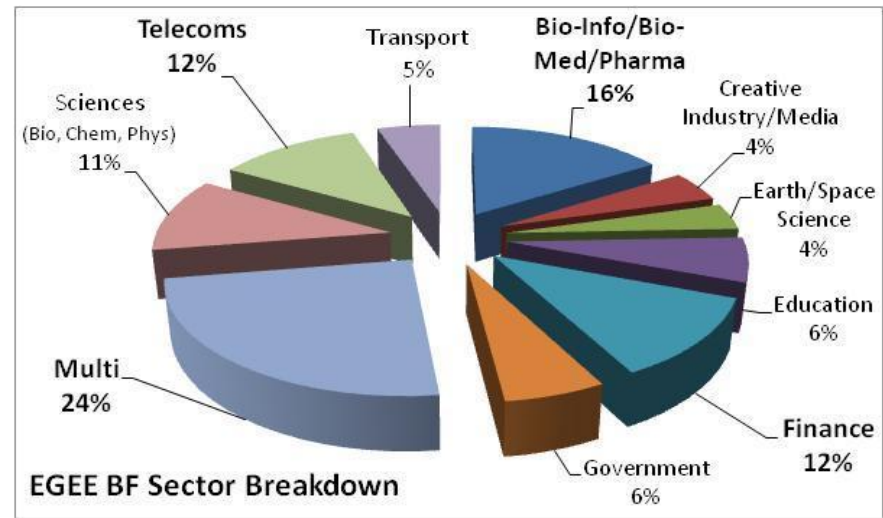


300+ members from 140+ organisations, comprising technology experts, business people & academia.
 Almost 50% from SMEs.
 2nd year of EGEE-III: 12 new members

Breakdown of sectors: 24% represent multiple sectors

Business Events have attracted technology innovators from public & private sector, companies of all sizes, current & potential adopters, helping to expand network.

EGEE has built a strong business community – important to take this forward!



- There is a place for EGEE technology in the business world.
- EGEE has established strong relations with the business community, spanning technology innovators and enterprises offering or using grid-enabled solutions. Many of these relations can stand the test of time.
- Clear opportunities in several sectors, especially Geosciences & Life Sciences – industry involvement & hiding complexity from end-users bring important value-add.

BUT how do we arrive at new frontiers?:

- Cloud computing is gaining fertile ground in current economic climate & with its compelling business model. How can we capitalise on current achievements & new initiatives focused on grid & cloud convergence?
- Industry-quality is inextricably linked with industry involvement in technology developments & in conveying benefits more effectively to end-user communities from the private and public sector alike.
- Developing new brokering services and business models to ensure long-term sustainability is key.
- A clearer understanding of specific market requirements is needed.
- What success stories exist at EU national level that can be evaluated from a broader geographical scope?

- **Geographic distribution**
 - Centralising main tasks in 'clusters of competence' was effective.
 - Threshold effort of around 0.5 FTE is ideal.
 - Good mix of phone meetings and face to face contact.
- **Media partners maximise impact**
 - *iSGTW* and *HPCwire* helped to reach out to the business and academic sectors.
 - Journalists as invited speakers at events also increase coverage.
- **Internal communication**
 - Regular communication with the project community via newsletters and Director's letters
 - Web portal as a central source of information.
- **Social networking tools**
 - Help to build a community around events.
 - Demo videos from the events posted on YouTube continue to generate hits after the events are over.

INDICATORS	QR5 May – July 2009	QR6 August – October 2009	QR7 November – January 2010	QR8 February – March 2010	TOTAL (P1 + P2)
News releases issued (central, local and translations)	15	11	1	4	88
Number of media contacts the releases are sent to	7800	3900	2390	3593	33,754
Press cuttings	32	40	41	33	318
Interviews	6	1	0	2	52
Scientific papers	10	12	14	9	213
Industrial & governmental events organised	2	4	1	0	24
Industrial & governmental events attended	4	1	2	2	40
Number of materials produced or translated	17	55	15	16	185
Number of newsletters issued	19	11	27	19	114
Number of unique visitor per month on websites	17,000	14,700	15,700	21,040	129,240
Internal events organised (Project & Activity meetings)	3	2	1	1	11
Number of events organised	24	20	9	12	146
Number of events attended	18	19	25	12	161
Useful contacts made	2	0	0	0	48

Objectives	Metric	Q5	Q6	Q7	Q8	Target at end of Year 2 (achieved)
Dissemination & Outreach	Events attended	18	18	26	10	140 (157)
	Events organised	20	15	8	12	160 (136)
	Business events organised	2	4	1	0	20 (24)

- **Internal communication**

- A perennial issue in a project of the size and complexity of EGEE.
- Regular sourcing of new success stories was vital to maintain the profile of EGEE externally.
- Built on networks in NA4, NA3 and the CPLO – worked closely together to communicate with users in particular, as identified by the EAC at the end of Year 1.

• Achievements

- All Deliverables, Milestones and project overall metrics achieved, apart from business events attended.
- High profile for EGEE maintained at several key events in the grid calendar, some attracting thousands of delegates.
- Significant contribution to EGEE'09 and EGEE 5th User Forum, including media and outreach campaign.
- Used Web 2.0 channels such as blogs, social networking sites and micro-blogging tools to spread the word about grid success stories.
- Several EGEE-III web sites launched, including the main portal and event websites.
- New EGEE-III brand rolled out and maintained across all EGEE publications, including newsletters, posters, info sheets and brochures.
- Wide range of articles published in *iSGTW*, *HPCwire*, *Zero-In* and *eStrategies Projects Magazine*.
- Rich and varied range of dissemination activities by regional partners, including websites, original and translated materials, scientific papers, events, press releases and press cuttings.

• Issues: Internal communication

- Maintain a flow of success stories from the other EGEE activities to NA2 to communicate effectively with users via the website, published materials and the trade and general press.