

# Dissemination, Communication and Outreach NA2 Status Report

*Catherine Gater*

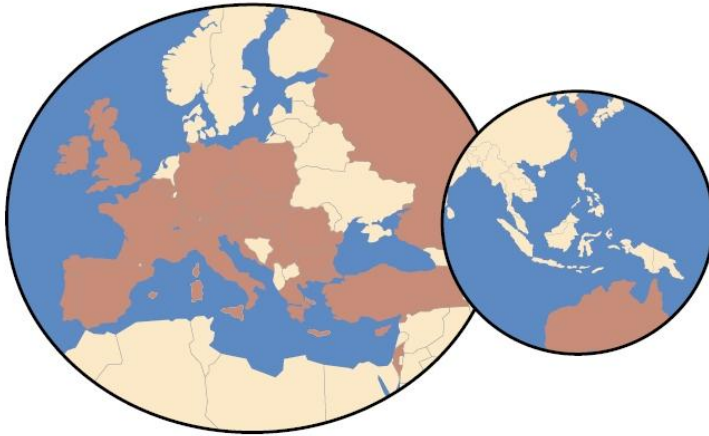
*NA2 Activity Manager*

*CERN*

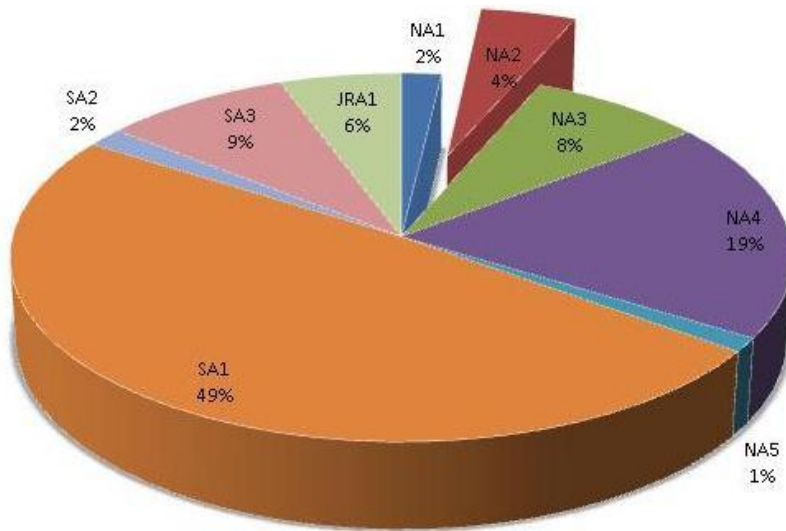
*EGEE-III Final Review, 23-24 June, 2010*

- **Activity overview**
- **Review of objectives**
- **Structure of NA2 in EGEE-III**
- **Achievements of NA2 in Year 2**
- **Issues and mitigating actions**
- **Lessons learnt and transition to EGI**
- **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
<b>Total PM planned at M24</b>	<b>372</b>	
<b>Total FTE</b>		<b>15.5</b>

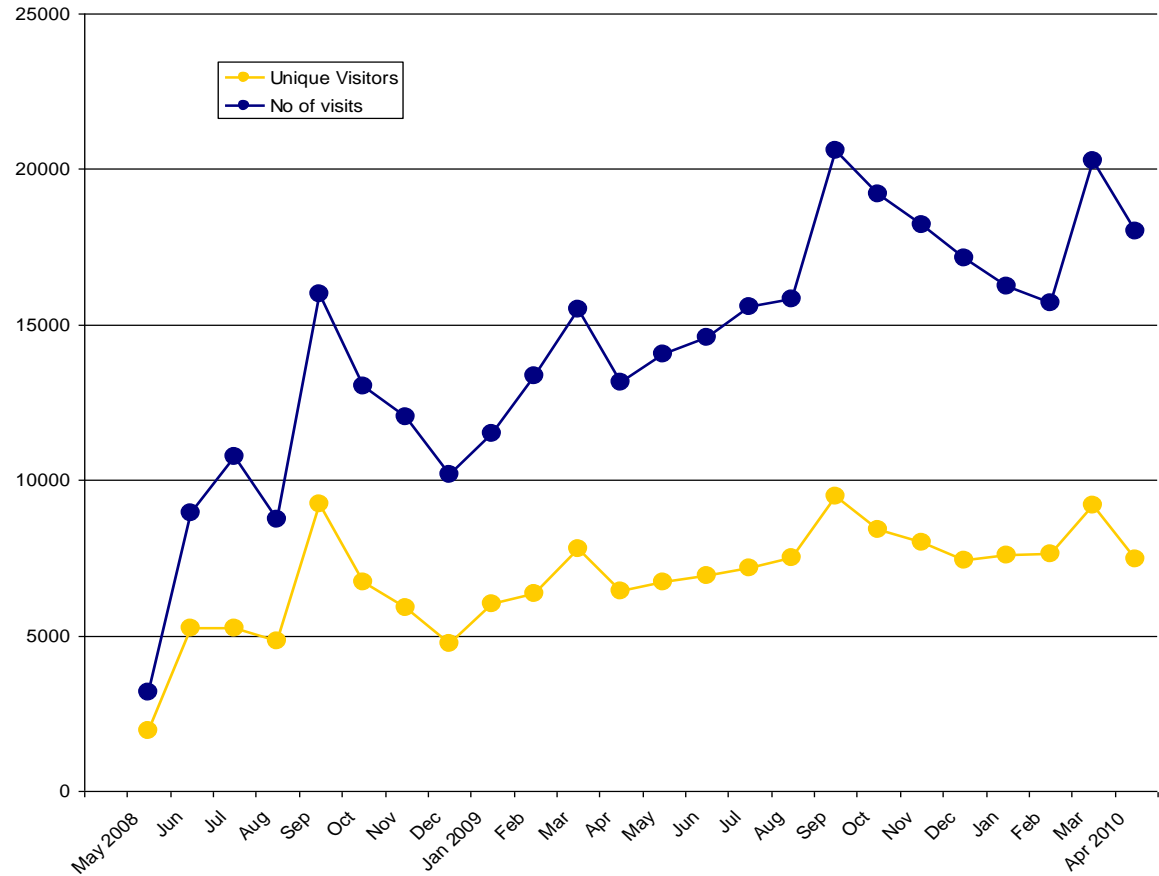
**The objective of the NA2 activity is to spread the word about the project's achievements, reach out to current and new adopters of the infrastructure and prepare for a sustainable infrastructure to follow after EGEE-III through a clear dissemination plan:**

- **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  
Press Room  
F.A.Q.  
Glossary  
Contact  
Site Map

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, project creates a production grid infrastructure for Europe.

Welcome Programme Registration

## Welcome to the web page of the 5<sup>th</sup> 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

eggee  
Enabling Grids  
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 "EGO Blueprint" as the basis for the future pan-European grid organisation. (Its final version is available on [www.eu-agi.eu/agi/wsp/ri/pdf/](http://www.eu-agi.eu/agi/wsp/ri/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 community 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

## Worldwide Grid helps in the fight against heart disease

Catania, Tuesday, 3 March 2009

The latest work on the genetic aspects 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 Enabling Grids 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 heart disease of arteries, from failure and atherosclerosis. This work could also help researchers to better understand why the disease develops and how to prevent it.

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

"In this work we are using an original approach which lets us look at several variations 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 days is typically achieved over a period of three months that could make more detectable in CAD. In the first steps, almost 8 million configurations of genetic markers were examined and 20 genetic combinations were identified as strongly associated with susceptibility to CAD. If followed up these 20 combinations, the second stage that aims at finding the best genetic markers. The genetic markers are then investigated in additional studies involving 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 were to indicate that a person may be at an increased risk of CAD, is that they affect cells genes that regulate an enzyme called lipoprotein lipase. A recent form of lipoprotein lipase is used to deposit around the middle to improve CAD. When the lipoprotein lipase concentration 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 sequence.

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 Le Gall, EGEE Press and Event Manager, +44 (0)75 933 3712, [le.gall@indico.ac.uk](mailto:le.gall@indico.ac.uk). For more details visit <http://help.infrastructure.eu/>

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.genomeweb.com](http://www.genomeweb.com)

EGEE-II main aim are:

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

For more information see <http://www.eggee.eu> or contact Catherine Gater, EGEE Communications, Outreach and Communications Manager, on +43 (0)2 7474 74 or e-mail [Catherine.Gater@cern.ch](mailto:Catherine.Gater@cern.ch)

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EGEE-II is coordinated by the European Commission under contract number INF-S0-04-00507

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

## GRID OBSERVATORY

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 extensive monitoring facilities already in place, EGEE grid offers an unprecedented opportunity to observe and gain understanding of one operating generation of activities. Considering a few tens of thousands of CPUs, hundreds of storage nodes, extensive coverage of scientific applications, and the presence of automatic diagnostics, the EGEE grid is one of the most exciting artificial complex systems around.

This group will model the dynamics of the grid, using advanced statistical, learning, and signal processing methods. This will help computer science 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 trends
- Grid usage and maintenance activity: These can be used for wide range of applications, from operational usage in grid performance analysis to scientific usage in a testing observation method for load detection

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 usage are used for performance, capacity planning, or evaluating the impact of activities in grid configuration and middleware
- Grid configuration and maintenance are diverse functionalities in many areas, ranging from resource allocation to machine fault diagnosis, including green computing as an emerging 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 usage.

Application 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 qualitative approach of grid usage
- Changing the grid data into a comprehensible diagnostic models, promotes issues at the operational level and beyond
- Monitoring the grid data into a comprehensible diagnostic models, promotes issues at the operational level and beyond

Interoperability with other resources is a major grid challenge from other scientific resources:

- Automating computing to highly relevant at a time where production grids are trying to sustainable infrastructures, are experiencing increased usage and reducing the management related to grid applications
- Machine Learning has proved successful in solving large and noisy problems that cannot be handled otherwise

Application webpage

EGEE-II has to develop some applications. For further information on how to participate see <http://www.infrastructure.eu> or contact Catherine Gater, EGEE Communications, Outreach and Communications Manager, on +43 (0)2 7474 74 or e-mail [Catherine.Gater@cern.ch](mailto:Catherine.Gater@cern.ch)

Group contacts

Catrine Gater is EGI-ALL Email: [cgate@indico.ac.uk](mailto:cgate@indico.ac.uk) For further information see [www.infrastructure.eu](http://www.infrastructure.eu) or contact Catherine Gater, EGEE Communications, Outreach and Communications Manager, on +43 (0)2 7474 74 or e-mail [Catherine.Gater@cern.ch](mailto:Catherine.Gater@cern.ch)

The Grid Observatory project [www.gridobservatory.eu](http://www.gridobservatory.eu) | [www.infrastructure.eu](http://www.infrastructure.eu) | [www.cern.ch](http://www.cern.ch)

Last update: 2008/08/08

Info sheets, 26 available in up to 6 languages



## eggee Enabling Grids for E-science

News

• EGEE Outreach: Welcome the User Forum ends with a bang

• EGI has a new director

• EGI is back when middleware in EGI-ALL

• How interoperability: Enabling Grid with IAC

• Agree steps in as the new middleware service

• Getting things organized: BRICK and DICOM

• Want to visit some sites on the grid?

• Grid 2.0: What's happening in your Grid

• The story of our job 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 (Brennisteinn) 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 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 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.)

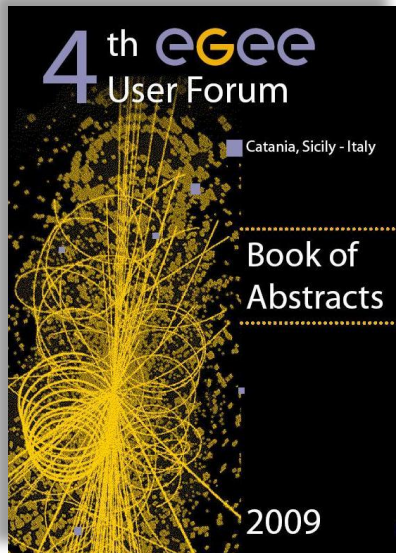
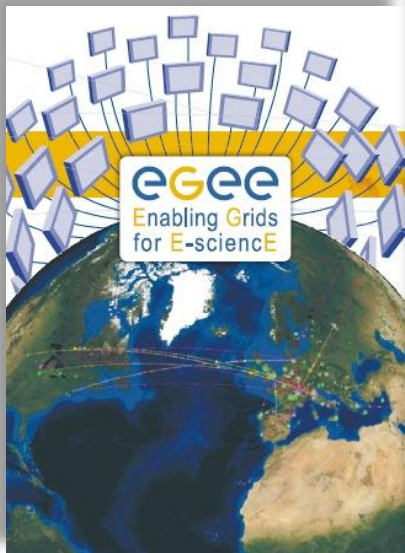
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### User Forum Round Up

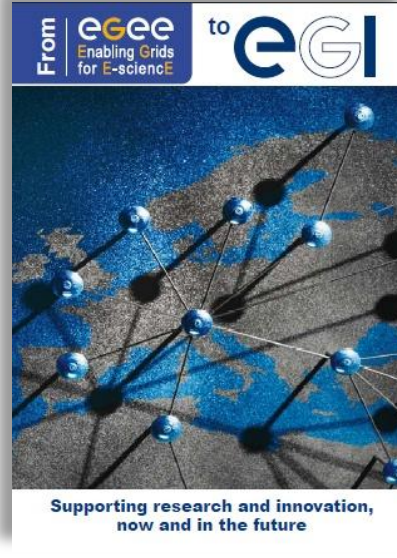
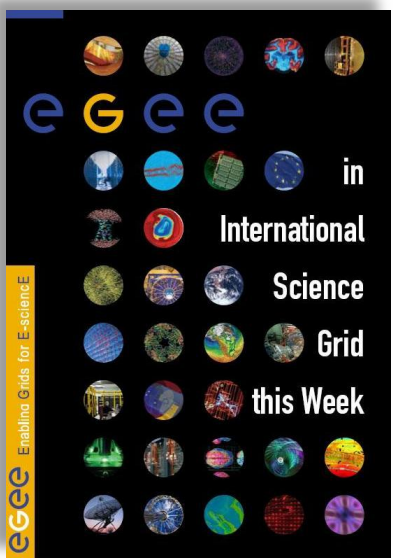
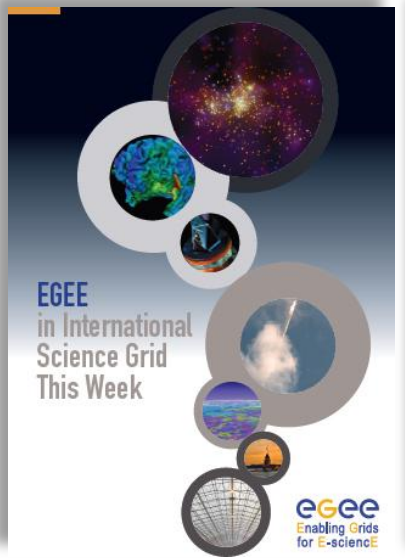
Welcomed by blue rice, pickled herring, and tall friendly people, the EGEE User Forum drew in to its final port of call in Uppsala.

Two teams went home with prizes for excellent demonstrations. The winner of Demo Session 1 went to 'TheGrid', a grid based infrastructure to understand and detect brain diseases, awarded to David Massey of maffi and Yannis Legas of HealthGrid. Marcin Plesniak of PASC

Project newsletter, issued quarterly, 1800 subscribers



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



**EGEE Enabling Grids for E-scienceE**

## EGEE Infrastructure

**An infrastructure for research**

The purpose of the infrastructure is to support the execution of complex programs or "big" jobs across all sites and to complement them with the necessary resources or days to finish.

EGEE provides the fundamental infrastructure for some of the most exciting science today, just as a physical transport infrastructure allows for the movement of people and goods, EGEE's computing infrastructure allows for the movement of information.

EGEE operates the largest multi-disciplinary grid infrastructure in the world. It connects more than 140 institutions in a reliable, scalable computing resource in 2009. It consists of approximately 300 servers (200 servers providing 100,000 server-cpus to 80,000 processing cores around the clock).

**For the future**

EGEE's quality of service is essential for the continuous provision of a high-quality infrastructure for researchers always available, always in good health. It needs to expand its infrastructure building bridges to new user communities. It seeks to improve the usability of the system for end users, just as clear road signs make it easier for drivers to reach their destination. It actively contributes to standardisation efforts – seeking to ensure that the basic code of conduct is the same everywhere. And finally, EGEE is working towards engaging the European Commission to ensure that each country is responsible for maintaining the roads and services on their own land.

**Grids operate on top of a system of internet connections. As such, EGEE uses GIGANT, a grid computer multi-protocol network, dedicated to research and education. High-speed, high bandwidth connections allow for bulk transport of data, just as motorways allow for the efficient transport of many vehicles between major cities. However, there are few roads, and large roads cannot reach everywhere, so EGEE also uses smaller, local networks to allow for remote access.**

**Grid monitoring** means up-to-date traffic reports. If there is an accident or congestion point it can help redirect the flow. To make sure grid monitoring is comprehensive and in-depth, EGEE employs both global and regional monitoring.

**Grid scheduling** ensures that all the cars move along in the queue, keeping traffic moving as fluidly as possible.

**Grid sites provide power and support to the system, like a petrol station, providing the fuel to keep the grid moving.**

**Infrastructure makes it possible**

Just as roads in ancient times paved the way for civilization – transporting goods, people and ideas, European grid infrastructure will support a bright future for global science and innovation. Learn more or get involved at [www.egee.org](http://www.egee.org).

**Collaboration** is an important part of getting things done on the grid – when people share their resources they get their results much quicker.

**Researchers go to great lengths to collect data, so storing it safely is very important.**

**Infrastructure makes it possible**

In order to achieve its ambitious goals, EGEE works with many other projects and initiatives. The project partners bring links to other major grid projects around the world such as the Open Science Grid and GridLab in the US, the Japanese NARECI (National Research Grid Initiative) project and the CEIDA (a Distributed European Infrastructure for Supercomputing Activities) project in Europe. Shared work areas include grid security, infrastructure, interoperability, and mutual shared support for user communities. Full production level interoperability is now possible with Open Science Grid in the US and progress is being made with other infrastructures.

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- 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.)



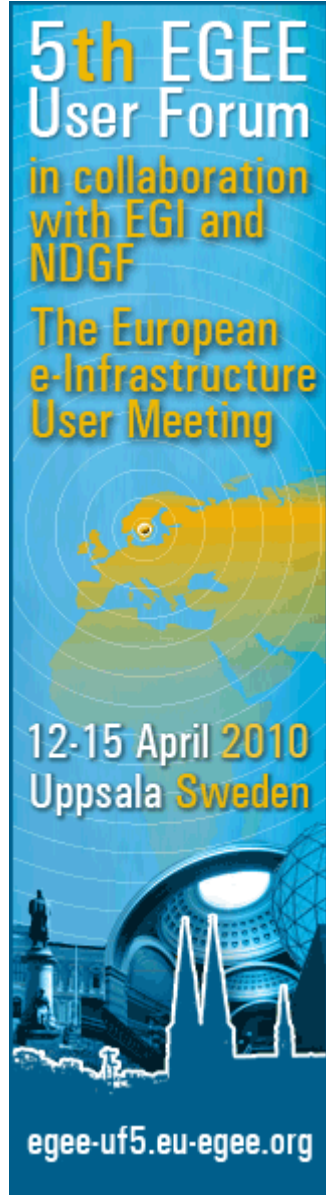
Bob Jones is project director of the LHC's open Commission-funded Grid computing infrastructure project. Download from [www.computing.cern.ch](http://www.computing.cern.ch) or [www.grid.ac](http://www.grid.ac).

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.



**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

The banner features a stylized map of Europe with a grid pattern, a silhouette of a person, and a large, glowing, futuristic structure.

- 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**  
EGEE Global  
Basic Info: Organizations + Co-located  
Description: Enabling Grids for E-science infrastructure in the production of a reliable global research computing infrastructure across countries and grids  
Contact Info: Website: http://www.eu-gee.org

**Flickr**  
Home You Organization  
Your photos  
Collections Sets  
DSC\_1331  
By GridTalk team  
Anyone can see this photo  
Uploaded on Apr 12, 2010 | Delete  
37 views / 0 comments

**Twitter**  
Signed in as Enabling Grids for E-science  
Home Profile Find People Settings Help Sign out  
What's happening?  
Latest: #EGEE Positions open at EGI.eu - closing date 31st at EGI.eu http://bit.ly/9yaF1n 6 days ago  
Home  
iftf Making community health information data: http://oreil.ly/ab8DwL IFTF talk http://bit.ly/v0US  
half a minute ago via CoTweet  
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1 minute ago via TweetDeck  
inti\_illimani cerrando nuestra carrera raro que la gente lo considere Guayaquil es que haya sido un "candidato"  
6 minutes ago via web  
Retweeted by Opialdo and 7 others  
cloudbook Webinar Today: The Cloud Improve the Current Cloud Computing http://bit.ly/crw6VY  
8 minutes ago via web  
koukopoulos RT @freedompolitico: gives Hamas someone to blame the http://bit.ly/cNjXo7  
10 minutes ago via HootSuite  
wired The hotness: thermal video camera amazing. http://bit.ly/atDIUg  
10 minutes ago via TweetDeck  
CloudExpo High Availability Systems http://cloudcomputing.sys-con.com/...  
10 minutes ago via web  
iftf 5 Innovations Inspired by Libera http://bit.ly/ccyE5B #OpenHealth #EGEE  
11 minutes ago via CoTweet  
dexin Is Relying on the Cloud a Real Vendor lock-in is a thread to the ad http://ow.ly/1TEmp

**GridCast**  
Blogging behind the scenes of grid computing

**YouTube**  
Enabling Grids for E-science  
EnablingGrids's Channel  
Subscribe  
All Uploads Favourites Playlists  
An Introduction to EGEE  
From: gridpp | 10 December 2008 | 322 views  
From the Creative Connections DVD  
View comments, related videos and more

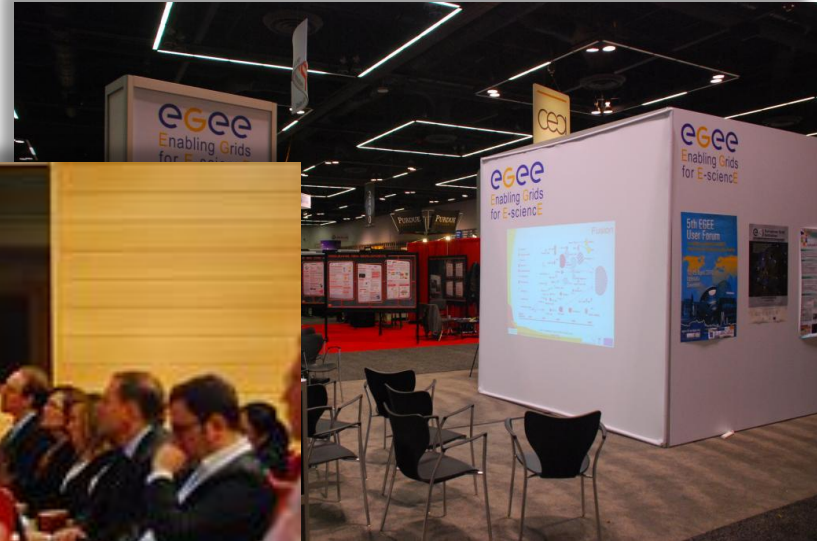
**GridCast Blog**  
Read the GridCast blog  
The Grid from an... we're not blogging up to d... comput...  
From we the soe... Keep up having... office ju...  
GridC...  
Last grid computing event:  
5th EGEE User Forum Uppsala, Sweden, 12-15 April 2010  
As the r... are trav... report f... Forum... EGEE h... well as...  
Taking provide... identifi... distribu... present... usaga... advance... miss th...  
to keep up to date with GridCast!

**EnablingGrids**  
Your channel viewers will see links here, including "subscribe" and "add as friend".

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

**We want you to blog!**  
Become a member of...  
We're always looking for team of bloggers to ke...

HealthGrid Conference, Jun 09



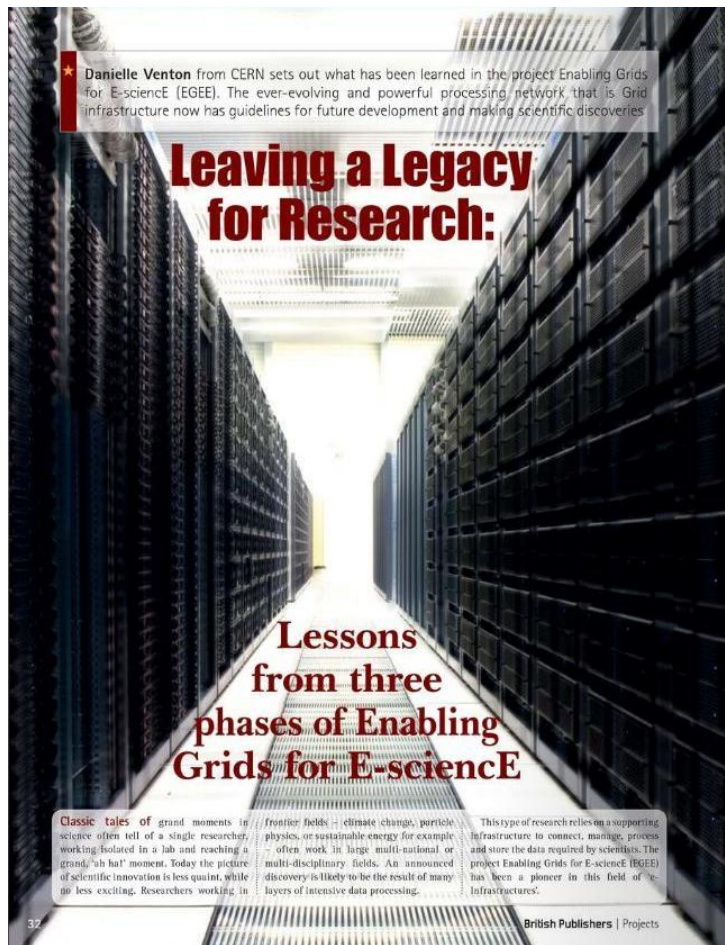
Supercomputing'09, Oregon, Nov 09



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"

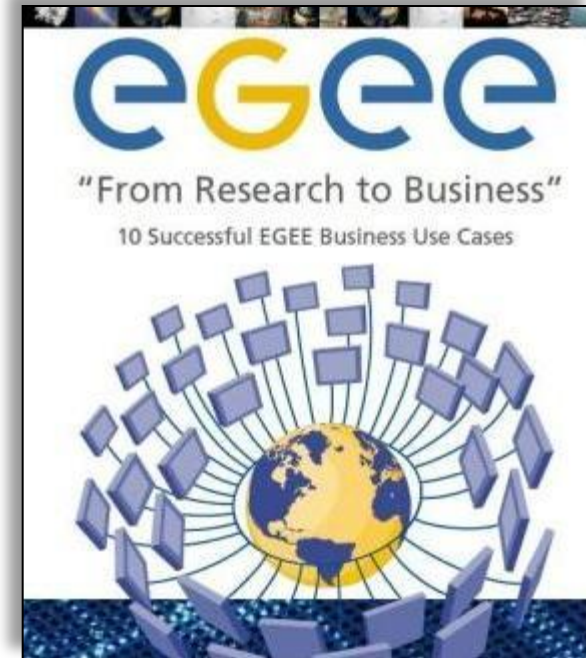


- **Streamlining business activities in the second year:**
  - Consolidating activities and the current network of contacts
  - Collating the Business Associates' insights into barriers and opportunities for grid adoption
    - Interviews with Business Associates and early adopters
    - Synergies with European projects for additional insights and knowledge exchange



- **Evaluating current gLite uptake in commercial settings**
  - Interviews with Business Associates and early adopters
  - 10 successful case studies analysed and published

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

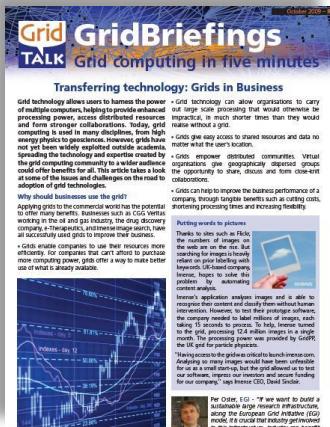


- **Avanade (Italy)** – gLite integrated into Avanade grid architecture by rendering it interoperable with Windows machines.
- **Constellation Technologies (UK)** – “SuperCloud” solution based on gLite for a variety of commercial sectors.
- **Excelian (UK)** – gLite option for banking and finance consultancy.
- **GridWise Tech (Poland)** – internal job management environment integrated with external, on-demand EGEE resources, combining LCG and gLite.
- **Hitachi Labs (France)** – data grid solution integrated with the EGEE framework for large data quantities.
- **Linalis (Switzerland)** – commercial grid training services.
- **NICE (Italy)** – grid solutions for industry and academia, including gLite technologies
- **Platform Computing (Germany)** – running an enterprise grid using gLite with improved interoperability with their Load Sharing Facility.



## Benefits of Engagement

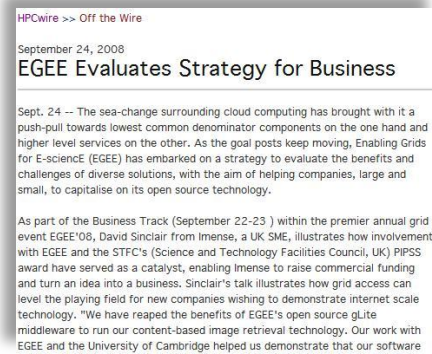
1. Important opportunity to network with an élite scientific community. Face-to-face interaction with user communities to tackle real-world problems and set realistic targets. (*Hitachi*)
2. Develop new collaboration opportunities and turn “ideas into a business”. (*David Sinclair, CEO & Founder of Imense*).
3. Early access to technology developments. Creating contacts for the short to long-term. Important knowledge exchange between innovators and user communities. Role in advancing the culture and knowledge of grid computing. (*All EBAs*)



GridBriefing on Tech Transfer, Sept 09



Promoting Synergies



HPCWire, Sept 08

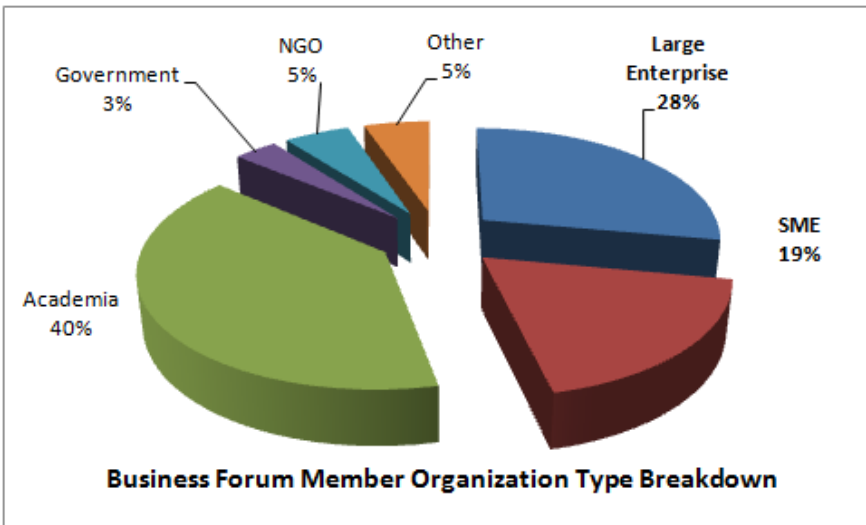
- **Barriers**

- Industry quality = industry involvement (“drop and replace technologies”, software)
- Strong need for market requirement analysis and personalised programmes for technology transfer.
- Better understanding of commercial test cases.
- Complexity should be hidden from end users eg Health-e-Child.

- **Opportunities**

- Industry sees grid as good for large-scale computing and storage eg pharmaceutical research labs.
- Training personnel for new applications.
- Applications built with businesses in mind and disseminated by business partners.
- New business models at national or EU level.
- Commercial interface and brokering services.

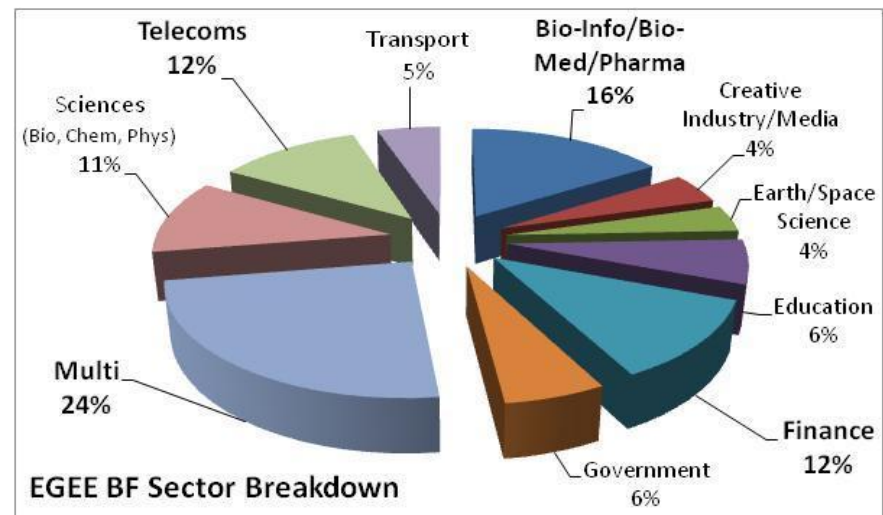
- **While cloud computing may represent competition in this sector, both communities can learn from each other to better understand grid and cloud convergence eg StratusLab project and the new opportunities this could create.**



- **300+ members from 140+ organisations.**
- Technology experts, business, academia.
- Almost 50% from SMEs.
- 12 new members in Year 2.
- 24% of member represent multiple sectors.

*Business Events have attracted technology innovators from the public and private sectors, companies of all sizes and current and potential adopters – all helping to expand the business community.*

**EGEE has built a strong and active business community – it is important to take this forward.**



- **Business community**
  - EGEE technology definitely has a place in the business world.
  - Strong relations have been established with technology innovators and enterprises that can stand the test of time.
  - Clear opportunities in several sectors, especially geosciences and life sciences.
  - Hiding complexity from end-users is important.
- **New frontiers**
  - Capitalise on achievements in the cloud computing sector and develop grid and cloud convergence opportunities.
  - Benefits for industry are inextricably linked with the closeness of their involvement in technology developments and their ability to promote these to end users.
  - Developing new brokering services and business models is key for long term sustainability.
  - Clearer understanding of specific market requirements is needed.
  - Identify national success stories that could have wider 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



- **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.

- **Web audit largely identified homes for all active EGEE central and regional web sites.**
- **Dissemination will be coordinated by EGI.eu with contributions from NGIs.**
- **Materials, templates and mailing lists archived and handed on.**
- **Transition of business activities and the relations established within the community less clear within EGI.**

## • Achievements

- All Deliverables, Milestones and project overall metrics achieved.
- 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 5<sup>th</sup> 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.