



Enabling Grids for E-science

NA2 – Dissemination, Outreach & Communication

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NA2 Activity Manager
CERN*

*1st EGEE-II EU Review
15-16 May 2007*

www.eu-egee.org

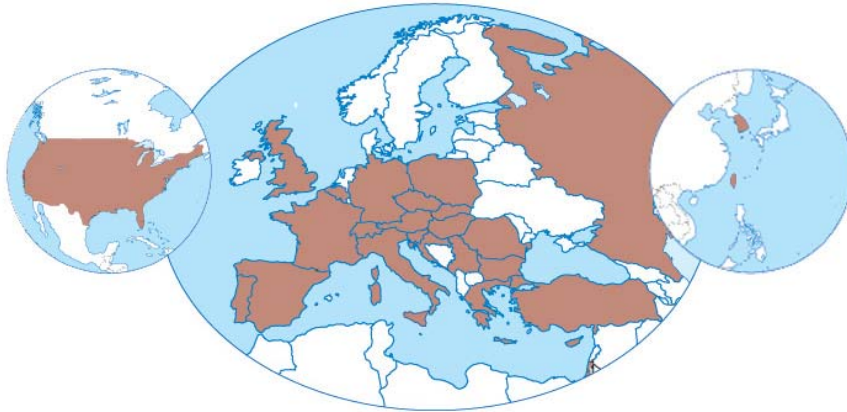


Information Society
and Media



- **NA2 Overview**
- **NA2 achievements**
 - Highlights
 - Summary of activity metrics
- **Issues and changes**
- **Plans**

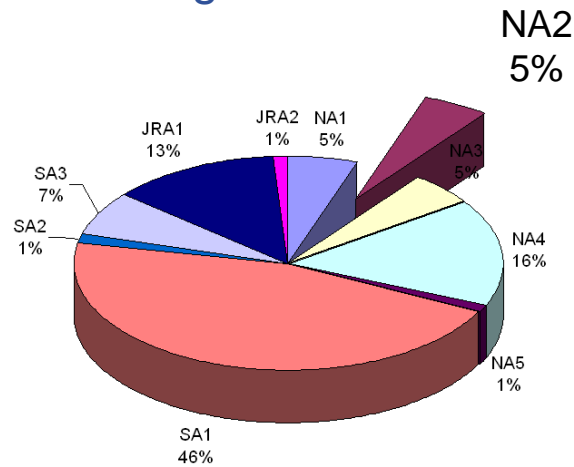
NA2 Partners



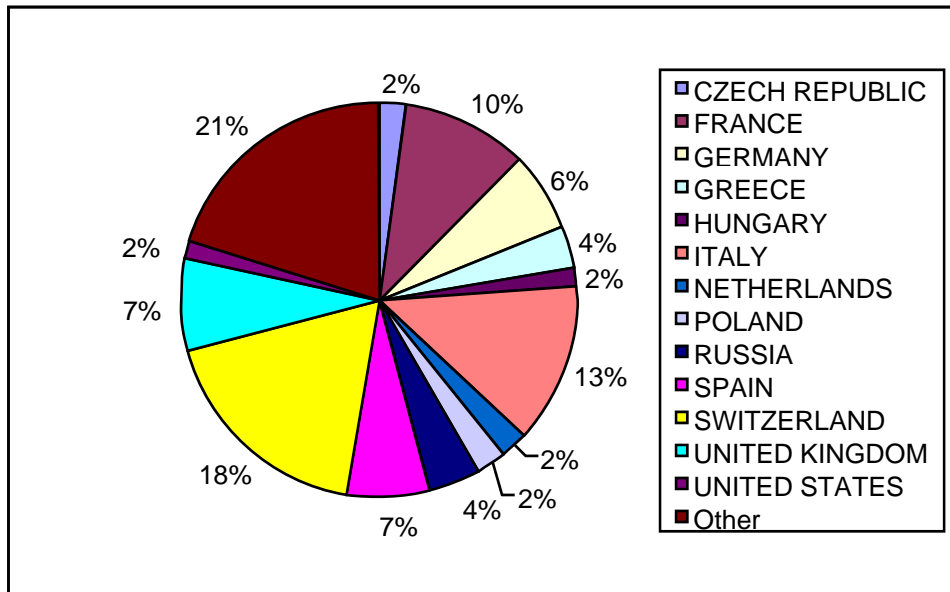
Manpower: 26 partners, 22 countries, 22 FTE

Short Name	Country	Total (PMs)
CERN	Switzerland	72
JKU	Austria	12
CESNET	Czech Rep.	6
BUTE	Hungary	22
ICM UW	Poland	12
IISAS	Slovakia	12
JSI	Slovenia	6
UEDIN	UK	24
CRSA	France	24
FZK	Germany	24
INFN	Italy	12
ULB	Belgium	24
JINR	Russia	24
SINP MSU	Russia	24
IPP-BAS	Bulgaria	12
UCY	Cyprus	12
GRNET	Greece	12
ICI	Romania	12
LIP	Portugal	12
CSIC	Spain	12
RED.ES	Spain	12
IPB	Serbia	24
TUBITAK-ULAK	Turkey	24
HEALTHGRID	France	18
MTW	Italy	72
Srce	Croatia	12
Total		532

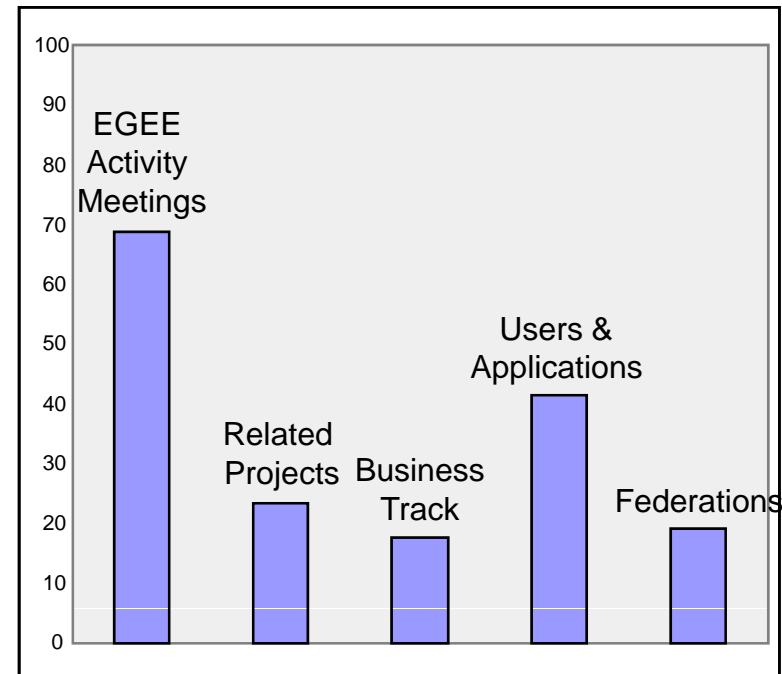
EGEE-II Budget



- **705 registrations**
→ **second largest European Grid event**
- **Broad-based community event**
 - Project members
 - Business track
 - Related Grid projects



Breakdown of EGEE'06 participants by country

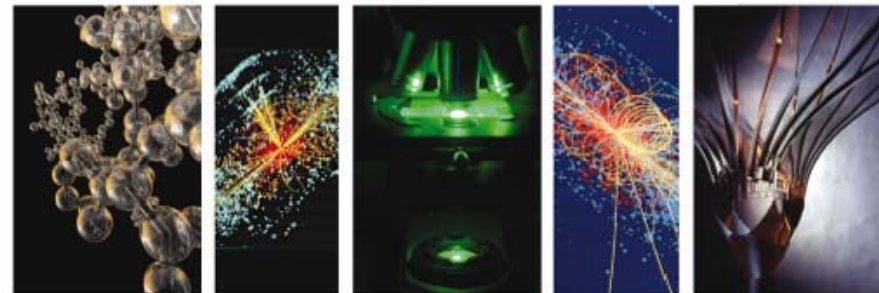


Sessions attended by EGEE'06 participants

- **Organised jointly with OGF20**
 - >900 registrations
- **Bringing together standards and users**
- **Large interest from user community:**
 - 100 presentations in 6 parallel sessions
 - 60 posters
 - 20 demonstrations



www.eu-egee.org/uf2 
Enabling Grids for E-science
EGEE USER FORUM
9 - 11 MAY 2007 MANCHESTER (UK)



- **Business track at EGEE'06**
 - 7 sessions
 - ~150 attendees

- **Industry Days**
 - 8 events held so far in 6 federations

- **Industry at 2nd User Forum**
 - Integral part of the programme
 - Industry Forum co-hosting Workshops at OGF20 on Enterprise Requirements



- **More details in specific presentation tomorrow!**

- *international Science Grid This Week* (www.isgtw.org)
- Weekly newsletter in collaboration with Open Science Grid (USA)

- For the international scientific Grid community
- Highlighting research using Grid technology
- Covering technological developments and opinions

- **Subscriber base: 3000**
(EGEE newsletter: 1800)

- **Website hits: >10 000 visits/month**



iSGTW INTERNATIONAL SCIENCE GRID THIS WEEK

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Current Issue: 04.04.2007

EGEE-II: Grid for Research

Enabling Grids for E-science is a major European initiative to develop a grid for researchers. EGEE-II is the second phase of a four-year program, and includes 91 partners in 32 countries, with many other groups contributing to the project's work.

EGEE was originally developed to make grid resources available to European researchers, but is rapidly expanding to work with the global grid community. EGEE-II works closely with other grid initiatives such as DEISA, the European supercomputing grid, Japan's NAREGI, and the Open Science Grid in the United States.

[Read more >>](#)

Feature - Science

NYS Grid: Spreading the Word
Last summer, a collection of universities and labs in New York State gathered with the goal of creating a cyberinfrastructure initiative that will make it easy for regional scientists to manage data and use imaging software.

NYS Grid, New York State's seven-month-old cyberinfrastructure, may be in its infancy but it is growing, with lofty goals for the future.

[Read more >>](#)

Feature - Event

Open Science Grid Workshop in Argentina
For some Latin American students, a recent workshop held in Santa Fe, Argentina, may be an important step towards a lifetime of working with grids.

The "Hands-on Workshop in Grid Computing" gave young scientists with almost no background in distributed computing the ability to use grids in their research.

[Read more >>](#)

Statistic of the Week
1,000

Image of the Week
LHC Exhibit at London's Science Museum

Grids in the News

More than 87 million hours of compute time awarded on TeraGrid systems
TeraGrid (Press Release)

EGEE, OGF Bosses on Upcoming Event, European Grid Science GRIDtoday

A new kind of fire lighting
BBC News

Utility Computing Tears Down the Water Wheel
GRIDtoday

Calendar/Meetings

April

24-27, [HealthGrid 2007](#), Geneva, Switzerland

24-27, [International EchoGRID & E-ChinaGRID Conference](#), Beijing, China

26-27, [ProActive Tutorial](#), SuperComputing Centre, CAS, Beijing, China

30-May 2, [BioIT World Conference & Expo](#), Boston, MA, USA

May

2-4, [German e-Science Conference 2007](#), Baden-Baden, Germany

2-4, [GPC 2007: International Conference on Grid and Pervasive Computing](#), Paris, France

7-11, [The 20th Open Grid Forum](#), Manchester, UK

	Q1 (Apr-Jun'06)	Q2 (Jul-Sep'06)	Q3 (Oct-Dec'06)	Q4 (Jan-Mar'07)	Total	EGEE (24m)
# press cuttings	90	82	74	67	313	360
<i>Equivalent in paid advertising</i>	~80k €	~75k €	~65k €	~60k €	~280k €	~330k €
# interviews	7	7	10	21	45	16
# material (incl. translations)	37	156	44	25	262	178
unique visitors per month on public website	2959	3821	5654	6754	4797 (mean)	5255 (mean)
# links from internet search engines	2255	4118	7693	12758	26824	N/A
unique visitors per month on local websites	22822	25898	28934	26883	26130 (mean)	10690 (mean)
Industrial & governmental events/Workshops organised	6	17	6	18	47	N/A
Events/Workshops organised	36	23	40	29	128	N/A
External events where EGEE has been presented*	82	71	66	21	240	461

- **EGEE Publications and Technical Report Series – currently 93 papers**

<http://cdsweb.cern.ch/collection/EGEE>

*for the whole project

- **Info sheets**
 - New: one per application domain
 - Available from public website and distributed at events

- **Posters**
 - Applications
 - Infrastructure

- **Joint material with other e-Infrastructure projects**

- Brochure
- Video

- **Report “EGEE in 2007”**

- **“Goodies”**
 - Mainly produced for events
 - Pens, Bag, USB light, stickers etc.

The Enabling Grids for E-science (EGEE) project began by working with two scientific groups, High Energy Physics (HEP) and Biomedicine, but as it has progressed into its second phase it has grown to support research domains as diverse as multimedia, astrophysics, archaeology, and computational chemistry. Researchers from Virtual Organisations (VOs), allowing them to collaborate, to share resources, and to access common datasets via the EGEE Grid infrastructure.

Below is an overview of the application domains currently supported by EGEE.

High Energy Physics (HEP) applications
The HEP community was one of the two pilot user domains for EGEE and remains a major user of the EGEE infrastructure, providing vital input that allows EGEE to ensure it provides a user-orientated service. The original EGEE HEP community was formed from the experiments of the Large Hadron Collider (LHC), currently under construction at CERN (European Organization for Nuclear Research) near Geneva, Switzerland. These four experiments, ATLAS, CMS, and LHCb, are estimated to produce some 15 petabytes per year when the collider starts in 2007. These data will be managed and processed using the EGEE infrastructure.

Other international HEP experiments are also making use of the EGEE infrastructure, including the BaBar (the B and B-bar experiment), CDF (Collider Detector at Fermilab) and D0 experiments using particle accelerators in the USA, and the ZEUS and H1 experiments using the HERA collider at the DESY laboratory in Germany.

Reactors) is a joint effort to fusion power, project aims to 10 million °C, which around 2015. equipment utilize computing capability of Grids. Currently, 11 nations for the increase the nations of EFDA in the EGEE Grid.



EGEE Applications
Enabling Grids for E-science

High Energy Physics
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Particle Physics
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EGEE & How to Get Involved
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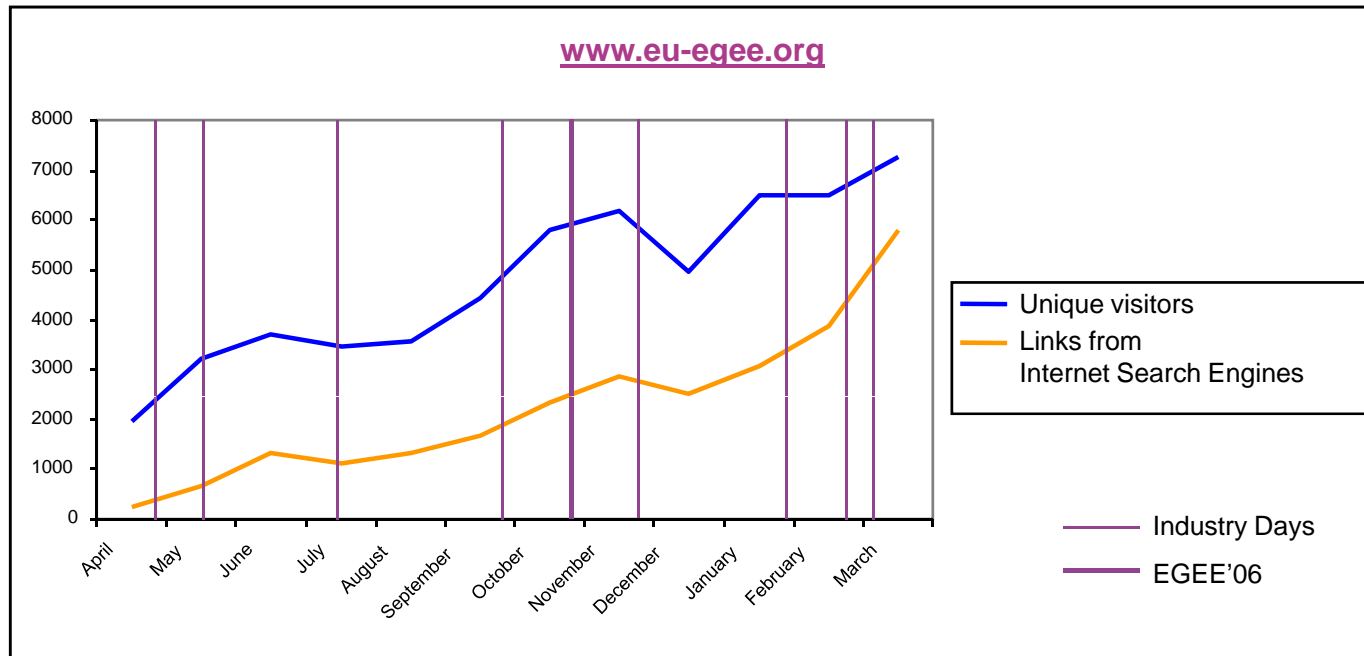
Business & Industry
The EGEE infrastructure is a powerful tool for business and industry. It provides a secure, reliable, and scalable environment for data-intensive applications. The EGEE infrastructure is used by a wide range of industries, including pharmaceuticals, financial services, and manufacturing.

Earth Sciences & Geophysics
The EGEE infrastructure is used by a wide range of earth scientists and geophysicists. It provides a secure, reliable, and scalable environment for data-intensive applications. The EGEE infrastructure is used by a wide range of earth scientists and geophysicists, including the European Centre for Medium-Range Weather Forecasts (ECMWF) and the European Centre for High-Resolution Weather Forecasts (ECMWF-HRF).

Biomedicine
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For all enquiries, contact project@eu-egee.org
www.eu-egee.org

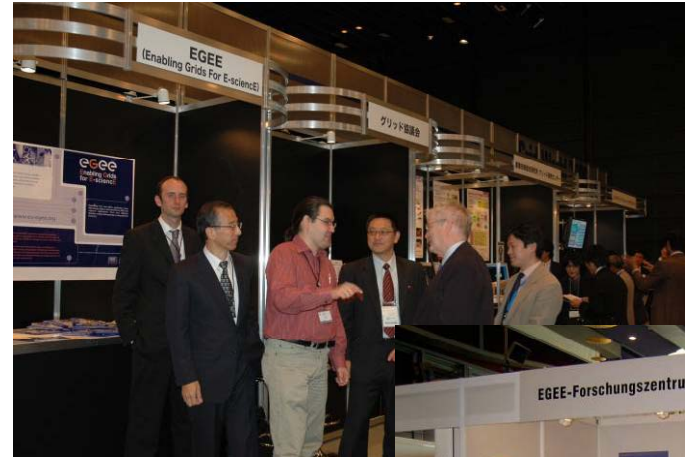
- **Public pages**
 - Track visits overall (200 000 hits & 5000 unique visitors/month)
 - Most/least popular pages
- **Local websites**
 - Web monitoring tools recommended and increasingly used



- **Stands at Computing events in 2006**
 - GridWorld (Japan)
 - ISC 2006
 - SC'06

- **Stands at Computing events in 2007 (planned)**
 - ISC 2007, SC'07

- **Stands at user events in 2007 (planned)**
 - EPS Conference on Plasma Physics
 - Data Analysis in Cosmology 2007
 - IAGA (Earth Science)
 - ISMB & ECCB (Biology)
 - International Conference on Earth System Modelling



- **Conference organisation**
 - EGEE'06 mainly organised by NA1 and NA2 at CERN
 - EGEE'07: shared responsibility between Metaware, NA1 at CERN, and Local Organisers
 - Business track for both: Metaware

- **Internal communications**
 - Information flow from other activities to NA2
 - Now regular agenda item for weekly Project Execution Board meetings
 - Implemented formal fact-checking process

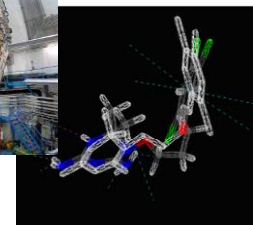
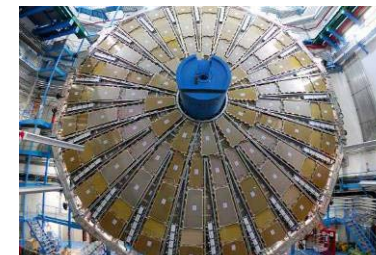
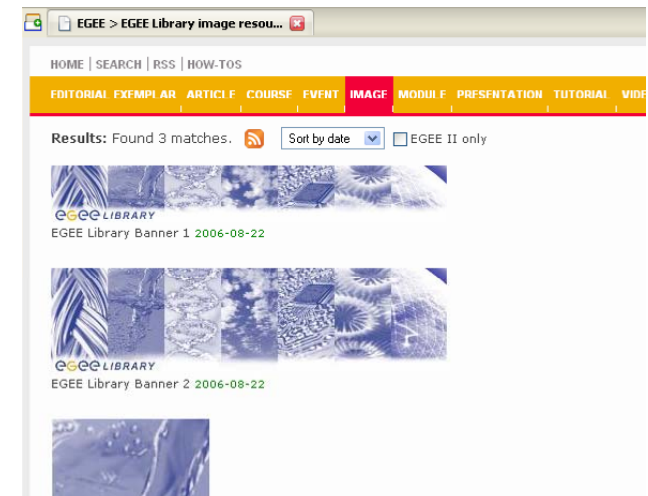
- **Community area of public web site**
 - Low level of activity in the community area
 - Now: Industry Day registrations through community area plus reserved access to additional material to members
 - Survey of registrants
- **Distribution of effort inside the activity**
 - >100 individuals contribute to NA2 (but some NA2 work can easily be divided up)
 - Bottlenecks created sometimes with the ‘central’ staff at CERN and Metaware
 - Relying on partners with experience in specific areas, e.g.
 - Online webform for metrics collection and image database by NeSC
 - Graphics support by HealthGrid

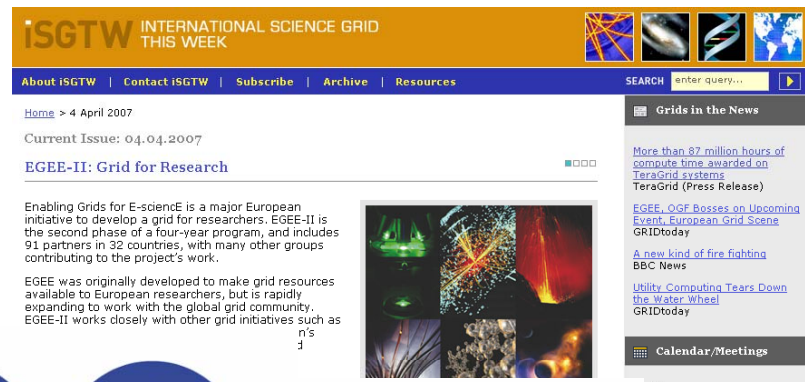
- **Media relations**
 - GridToday as media sponsor for EGEE events
 - Daily press releases during conferences and User Forum events

- **Publicity material**
 - Translation preferential for key sheets or information relevant to the particular region
 - Collection of material (e.g. images) for the whole project

- **Websites**
 - WebTaskForce for extended public website

- **Foresee increased media coverage for**
 - LHC experiments (start-up end 2007)
 - WISDOM Drug Discovery Challenges





eGee

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