# Work Package 11

Dissemination and Exploitation

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# Outline

- Objectives

- Achievements

- Lessons learned

- Future & Exploitation

- Questions

# Tasks for the third year

- **Task 11.2 - maintenance of the dissemination e-environment**
  - Maintenance of the "DataGrid" dissemination portal
  - Design, development and maintenance of the "European Grid Industry and Research Forum" website
  - Deployment and management of the "Dissemination testbed" (GriDis)

- **Task 11.3 - local dissemination**
  - Live demonstrations and participation to relevant events

- **Task 11.4 - support of the open software adoption and contribution to international standards**
  - Software and documentation download site
  - Report about contributions to international standards (deliverable 11.9)

- **Task 11.5 - industrial deployment**
  - Improve the I&R Forum initiative, increasing the number of subscribers
  - Organize dissemination events targeted to Industry
  - Establish a network of DataGrid Point of Contacts

# Maintenance of the dissemination e-environment
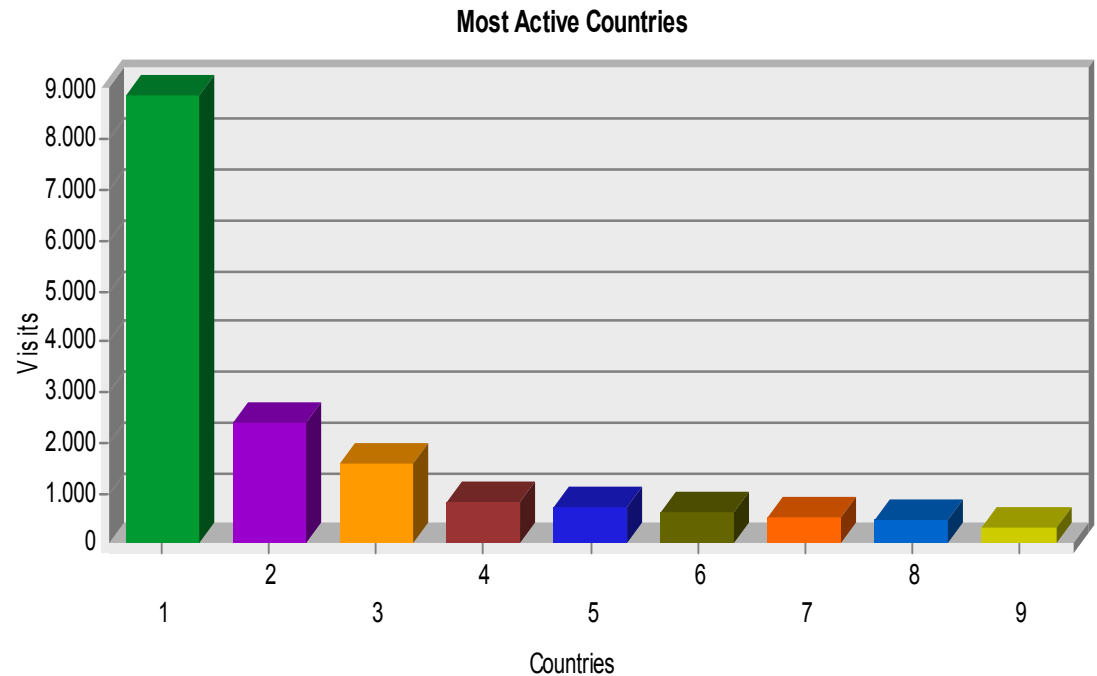
# Maintenance of the dissemination web portal

◆ Work Package 11 staff has continued to search, collect and publish papers, news, promotional material and multimedia contents on the dissemination portal

◆ At the end of 2003 the dissemination web portal contained:

- 187 events in the calendar
- 63 technical papers
- 42 slide presentations
- 44 news articles
- 85 press articles
- 15 FAQs
- 40 links to related projects

# Dissemination web portal visits

◆ Geographical distribution of the visits during the year 2003:

1. United States (8857)
2. Italy (2386)
3. Europe (1577)
4. UK (822)
5. Switzerland (737)
6. China (614)
7. France (521)
8. Germany (489)
9. Netherlands (343)
10. Japan (339)

**Most Active Countries**

# Dissemination testbed

- A dissemination testbed, called GriDis, has been deployed and maintained in order to provide a permanent infrastructure for tutorials and live demos

- It has been adopted as the official platform for EDG tutorial road show

- It has also been used by the "Grid Café" initiative to develop and demonstrate some sample grid-enabled applications

- Grid accounts have been created on the GriDis testbed for some members of the "Grace" project for self-training purposes

# Local dissemination

# Live demos

- The dissemination testbed has been effectively used to demonstrate the project results

- 6 live demos held during 2003:
  - 14 May 2003 web-based live demo during the 6th EDG Conference (Barcelona – Spain)
  - 22 May 2003 Perugia University (Perugia - Italy)
  - 19 June 2003 "Experts Day" of Surfnet GiGaPort (The Netherlands)
  - July 2003 Demo for Wolfgang Boch, head of unit DG INFSO-F2, "*Grids for Complex Problem Solving*"
  - 1 October 2003 wizard-based job submission at the "German Grid Day" following the 7th EDG Conference, (Heidelberg – Germany)
  - 1 December 2003 live demo for the "Grid Café" one-day event at the Microcosm museum of CERN, (Switzerland/France)

# Tutorials

- A major dissemination achievement with contributions from the whole project

- GriDis testbed adopted as the official training facility.

- Two formats:

  - Two full days with lectures and hands-on exercises

  - One day with only lectures

# The tutorial road show

♦ 14 tutorials during 2003 in 12 different countries:

- **Italy (1ˢᵗ Internl. Grid school)**
- **Switzerland**
- **France**
- **Greece**
- **Spain**
- **Austria**
- **Portugal**

- **UK**
- **Pakistan**
- **Japan (GGF7)**
- **USA (GGF8)**
- **Austria (CERN School of Computing 2003)**

♦ ~600 students trained

♦ Tutorial material now included in some university level courses

# Support of the open software adoption and contribution to international standards

# Software and documentation download website

◆ The EDG software and documentation can be downloaded from the URL http://web.datagrid.cnr.it/pls/portal30/GRID.DYN_SOFTWARE.show.

◆ Software and Documentation repositories maintained by WP6

◆ The EDG software is also included in the Grid Technology Repository (http://gtr.globus.org)

# Contributions to international standards

- The DataGrid project contributed to the establishment of international standards in the following ways:

  - Participation to GGF activities: EDG members made substantial contributions to 16 GGF working and research groups

  - Papers: ~90 papers have been published in the proceedings of international conferences or in high level scientific journals

  - Inter-project collaborations: EDG established successful collaborations with DataTAG, CrossGrid, Gridstart, iVDGL, PPDG, GriPhyN, Internet2, Dante, UK GridMon and the Storage Resource Manager initiative

- An exhaustive report about the contributions to international standards can be found in D11.9

- Special issue of the "Journal of Grid Computing" dedicated to EDG results

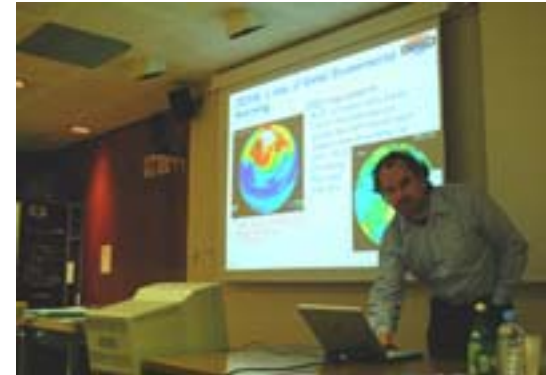# Industrial deployment

# Events organization/participation

- WP11 staff contributed to the organization of 13 events during 2003 in one or more of the following forms:

  - attendance

  - provision of dissemination material

  - booth organization

  - public talks

  - live demos

  - logistic organization

# Video material

◆ About 50 hours of video material

◆ About 980 photos

◆ About 370 photos published on the dissemination portal

# European Grid Industry and Research Forum

- The **European DataGrid Industry and Research Forum** is the result of the merger of the DataGrid and CrossGrid Industry and Research Fora

- It now counts 283 members coming both from Industry and Research

- ~40% coming from Industry, mostly from the IT sector

- The majority of the subscriptions have been collected during events and conferences.

- Work Package 11 has designed, developed and maintained the new "European Grid Industry and Research forum" website which includes an on line subscription form

# Industry and Research events

◆ During 2003 WP11 supported the organization of the following two "**European DataGrid Industry and Research Forum**" events:

- February 2003: Santiago de Compostela, Spain
  - within the framework of the Across Grids Conference

- June 2003: Barcelona, Spain
  - within the framework of the 6th EDG project conference

# Lessons learned

- Tutorials with hands-on practice, live demos and a rich web portal are effective dissemination instruments

- The deployment of a dedicated training facility (e.g. the dissemination testbed) is the only way to assure the availability of a testbed during tutorials and dissemination events

But …

- The resources for dissemination needs to be carefully reviewed in order to keep pace with the interest that an important project like DataGrid can arouse

  - Manpower and computing infrastructure need to be allocated in advance for tutorial activities

  - The establishment of a network of point of contacts can be achieved only with the allocation of dedicated human resources

# Future and exploitation

- The dissemination website will be archived and turned into a static repository which will be maintained by CNRS

- EDG results will be still available in the static repository

- All the dissemination experience acquired during the DataGrid project will be fed into the EGEE project