

The Euro-Southeast Asia Cooperation Forum on ICT research
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The EUAsiaGrid Project

M. Paganoni - INFN

marco.paganoni@mib.infn.it





Who we are



- 1 **Istituto Nazionale di Fisica Nucleare (Italy) (coordinator)**
- 2 **CESNET (Czech Republic)**
- 3 **University of Manchester (UK)**
- 4 **HealthGrid (France)**
- 5 **Ateneo de Manila University (Philippines)**
- 6 **Australia National University (Australia)**
- 7 **Academia Sinica (Taiwan)**
- 8 **Advanced Science and Technology Institute (Philippines)**
- 9 **Hydro and Agro Informatics Institute (Thailand)**
- 10 **Infocomm Development Authority (Singapore)**
- 11 **Institute of Information Technology (Vietnam)**
- 12 **Institute Teknologi Bandung (Indonesia)**
- 13 **National Electronics and Computing Technology Center (Thailand)**
- 14 **University Putra Malaysia (Malaysia)**
- 15 **MIMOS Berhad (Malaysia)**





What we do



Pave the way towards an Asian e-Science Grid Infrastructure compatible with EGEE now and EGI in the future

- **The project started on April 1st and will last 2 years**
- **It is a support action, with aims**
 - ✓ to define and implement a policy to **promote the gLite middleware** across Asian countries
 - ✓ to **engage** different Asia Pacific **scientific communities in using Grids** through dissemination, training, and direct user support activities
 - ✓ to **prepare new trainers** in a “training the trainers” action
 - ✓ to help setup concrete scientific communities, like **life sciences, computational chemistry, high energy physics**, but also **social sciences** and people involved in different aspects of **disaster mitigation**
- **The main actions will be to spread dissemination, provide training, support scientific applications and monitor the results**
- **EUAsiaGrid works in a direct collaboration with EGEE III – through its Asia Federation – and other European Grid initiatives in Asia, namely EUChinaGRID and EU-IndiaGRID projects and their follow on efforts.**

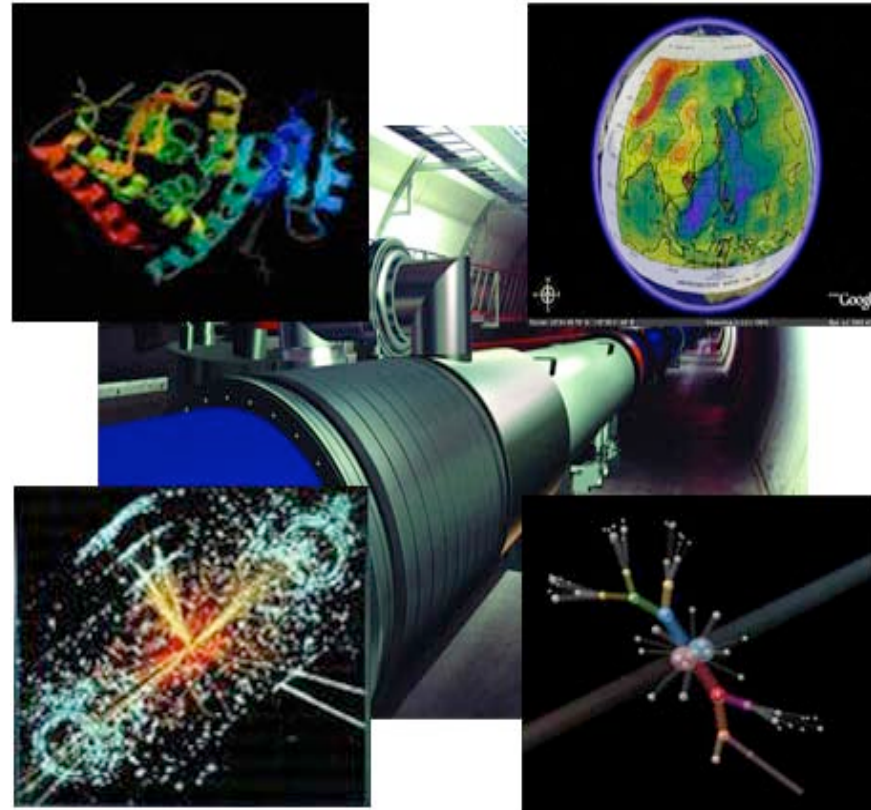


Present status of the project



Applications

- High Energy Physics Applications (ATLAS, CMS) (*INFN*)
- Computational Chemistry (*CESNET*)
- Mitigation of natural disasters (*ASGC*)
- Bioinformatics and Biomedics (*HealthGrid*)
- Social Science Applications (*NCeSS*)
- Promoting new scientific communities to the use of the Grid (earth science, astrophysics, digital libraries, ...)





What we will do next



n **Why e-Science in Asia?**

- ✓ The global infrastructure is establishing quickly
- ✓ Take advantage of collaboration to foster new scientific collaboration between Asia and Europe
- ✓ Create a human network in various scientific domains.

■ **EGEE Asia Federation and EUAsiaGrid**

- ✓ EGEE AF is growing with EGEE, and will focus on regional scientific collaborations
- ✓ EUAsiaGrid is to empower scientific collaboration throughout Asia
- ✓ Demonstrate vigorous synergy with 23 EGEE sites and > 5,000 CPU Cores and > 3 Peta Bytes disk space for 12 VOs by end of 2008.

