



Enabling Grids for E-scienceE

# NA4: Status and Outlook

*C. Loomis (LAL-Orsay)*

*EGEE All-Activity Meeting (Bologna)*

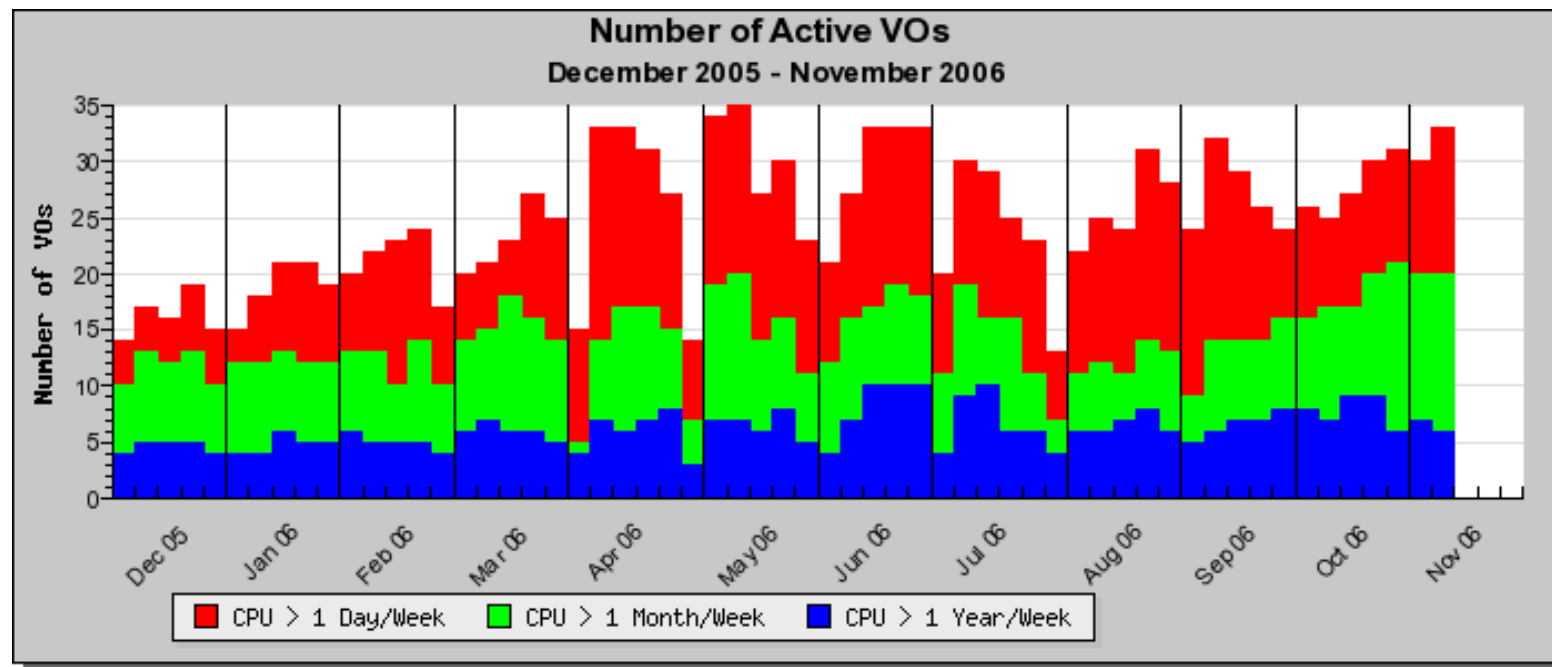
*16 January 2007*

[www.eu-egee.org](http://www.eu-egee.org)



- **Status & Achievements**
  - Overall
  - “Selected” disciplines
- **Issues & Plans**
  - Management
  - Users
  - Virtual Organizations

- Routine and large-scale use of EGEE infrastructure.
- Virtual Organizations:
  - 200+ visible on the grid
  - 100+ registered with EGEE



[http://www3.egee.cesga.es/gridsite/accounting/CESGA/tree\\_vo.php](http://www3.egee.cesga.es/gridsite/accounting/CESGA/tree_vo.php)



- **Astrophysics**
- **Computational Chemistry**
  - GAUSS virtual organization
- **Earth Science**
- **Fusion**
- **High-Energy Physics**
  - Detailed testing and debugging
- **Life Sciences**
  - Medical Imaging: MDM and other developments
  - Bioinformatics: Development, expanding number of apps.
  - Drug Discovery: Recent large-scale calculations

- **VO Managers' Group**
  - Interacting and helping VOs
  - Registration of VOs (and dissemination of that information)
- **Improving Functionality**
  - Direct development (MDM, DPM http(s), AMGA, ...)
  - GILDA development
  - “Configurations” (SDJ, MPI, ...)
  - Third-party software (GridWay, ...)
- **Improving Documentation**
  - Definition of plan within UIG
- **Users' Forum at EGEE'06**

- **Management**
  - Following-up on large number of partners
  - Reliable contacts with *all* VOs
- **Quality Issues**
  - Definition/collection of metrics
  - Late on Users' Survey milestone
- **Resource Allocation (new VOs)**
  - VO infrastructure services
  - Reliable mechanism for computing/storage resources alloc.
- **Expanding functionality/reliability**
  - Evolution of gLite middleware
  - Integration of third-party software
- **Documentation**
  - Writing of “use cases”
  - Improving content of NA4 website

- **Users' Forum Planning**
- **EGEE-III Proposal**
- **Continued expansion of user base**