



Enabling Grids for E-science

# Transition from EGEE-II to EGEE-III

## Biomed cluster

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



- **provide support for selected services of particular interest to the biomed community : AMGA, MOTEUR (66PM)**
- **prepare the migration to EGI in the life sciences sector (12PM)**
- **application porting in the fields of medical imaging, bioinformatics and drug discovery (48PM)**

- support to AMGA and MOTEUR users
- support to application porting
- MDM + LPC medical image portal
- *Interaction with Taverna2*
- *Interaction with VLe VBrower (an LFC interface is currently being implemented) (external project)*
- *LFC compliant SRB (external project)*

- **MOTEUR and AMGA users**
- **EGEE users in the life sciences sector (bioinformaticians, medical image analysts, drug discovery industry); tests deployments in clinics expected in the lifetime of the project.**
- **NA4 application porting support**

- **Support for selected services**
  - AMGA (33PM): UPV and CNRS (LPC Clermont-Ferrand)
  - MOTEUR (33PM): CNRS (CREATIS and I3S)
  - Taverna2 (UMAN / I3S)
- **Support to application porting:**
  - Bioinformatics (16PM): CNR-ITB, UPV and CNRS (IBCP)
  - Medical Imaging (16PM): UPV and CNRS (CREATIS and I3S)
  - Drug discovery (16PM): CNRS (LPC Clermont-Ferrand)
- **Migration to EGI (12PM): CNRS (LPC Clermont-Ferrand)**

- **Number of applications in the life sciences sector**
- **Number of users in the Virtual Organizations of the life sciences sector**
- **Resources consumed by the Virtual Organizations in the life sciences sector**

## Open source services

- **Tools repository (minimally webpage list of links; possibly semantic service index in collaboration with external project NeuroLOG)**
- **May be needed to “clean-up” the biomed VO and re-register active users**
- **Ideally, a specific distribution (extended UI) with basic biomed tools should be packaged but there will be no manpower for this.**
- **The procedure for deciding accepted applications remains adhoc.**

- **Mechanisms: mailing lists, phone conferences, wiki (Joomla is not satisfying)**
- **Other EGEE bodies: TCG**
- **External communication**
  - Web/wiki
  - iSTWG.
  - Conferences (from grid-oriented to end users-oriented):
    - HealthGrid
    - MICCAI (a grid specific workshop organized this year), RSNA.



- **SVN/CVS and ETICS: ?**
  - it is not clear the developers of specific services will agree to externalize their development base on a centralized biomed server
  - A constellation of development servers/tools is rather expected.
- **Conference management system**
- **Mailman**
- **Wiki**