



Enabling Grids for E-science

NA4 Application Identification and Support

Panagiotis Louridas GRNET

www.eu-egee.org



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- **Consulting, porting of applications**
- **Evolution of pilot applications (applications on pilot VOs, i.e., selected VOs that drive the evolution of the EGEE middleware)**
- **Validation of the EGEE infrastructure**
- **Grid laboratory (GILDA)**
- **Management of users and participants**

- ***Initially* six disciplines in EGEE-II: High Energy Physics, Biomedicine, Earth Science, Astrophysics, Computational Chemistry, and Fusion**
- **The list is open-ended**
- **Already other disciplines have been identified:**
 - Climate modelling
 - E-learning
 - Archaeology
 - Finance
 - ...

- **Following the last survey, the HellasGrid resources are currently allocated in the following way:**
 - HEP: 20%
 - BioMed: 15%
 - Earth Sciences: 15%
 - Comp. Chem.: 10%
 - Astrophysics: 10%
 - New EGEE VOs: 10%
 - SEE and Regional VOs: 20%
- **This allocation is open to discussion, and a new user survey will be run.**

- **Applications Report and Applications Deployment Plan (for each application, description, dates, plans)**
- **User Catalog (users and related applications)**
- **Evaluation of Application Usage of EGEE-II Services (EGEE-II resources use, evaluation of the support received by the EGEE-II infrastructure)**
- **Yearly updates of the above**

- **Application lifecycle:**

- Incubation

- Local Application in a “local VO”

- it should register with the Operations Advisory Group (OAG)

The OAG is a bridge between SA1 and NA4, its exact role to be defined during SA1

- Supported Application

- access to geographically distributed resources
- dedicated EGEE-II manpower to help with gridification
- MoU with EGEE-II
- peer-review withing NA4
- PEB approval
- one application champion per application must be identified

- Recognised Application

- access to resource centres that support the VO
- General user training, user support, porting support