



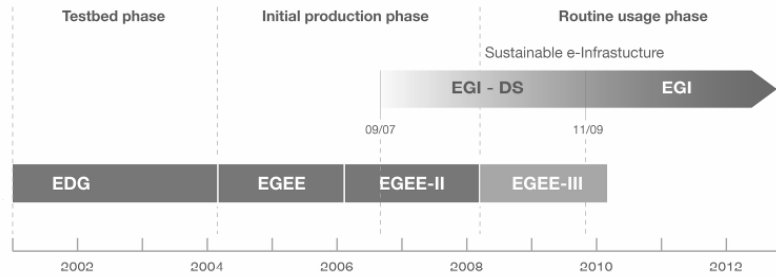
Enabling Grids for E-scienceE

# Grid Research Session

*4th EGEE User Forum*  
*March, 2*

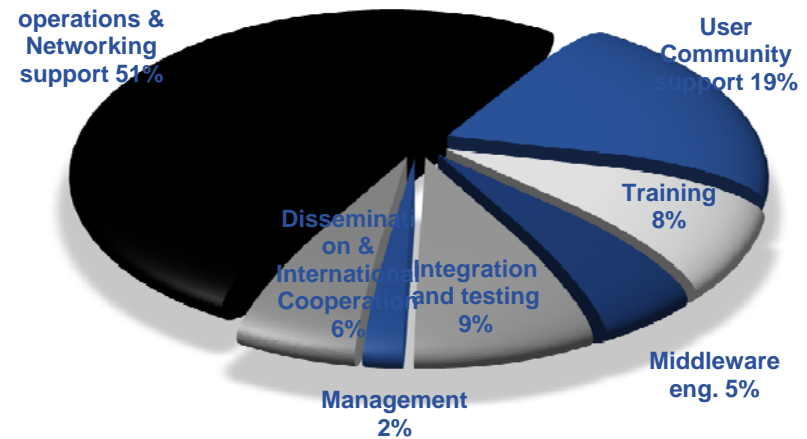
[www.eu-egee.org](http://www.eu-egee.org)





**How can we reduce the effort required to operate this expanding infrastructure?  
 How do we match the expectations of the growing user communities?  
 Will we have a European Infrastructure by the end of 2009?**

Bob Jone's talk at EGEE'08



EC co-funding: 32 Million €

- **Design of an Expert System for Enhancing Grid Fault Detection based on Grid Monitoring Data. Gerhild MAIER – Joannes Kepler Universitat Linz**
- **Performance Analysis of Existing and Emerging Computing Interfaces for Grid Computing. Laurence FIELD CERN**
- **Towards Responsive Grids through MultiObjective Reinforcement Learning Julien PEREZ – LRI CNRS**
- **QoS Management in Grids Giovanni MORANA Catania University**

- **Focus**

**QoS + quantitative approach**

**Discussions to continue**

- **How can expert advice and knowledge be**
  - Acquired
  - Formalized
- **?**
- **Why no official benchmarks**
- **Importance of the short jobs**