



Enabling Grids for E-science

## EGEE-II

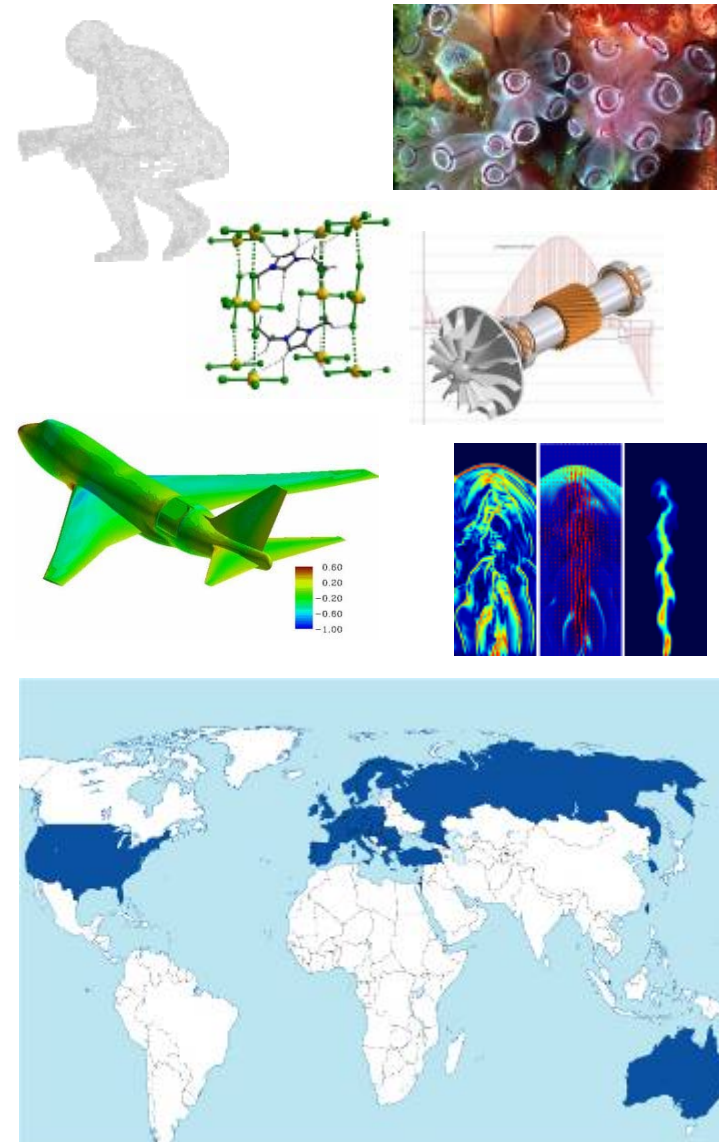
*Bob Jones*  
*EGEE Project Director*

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

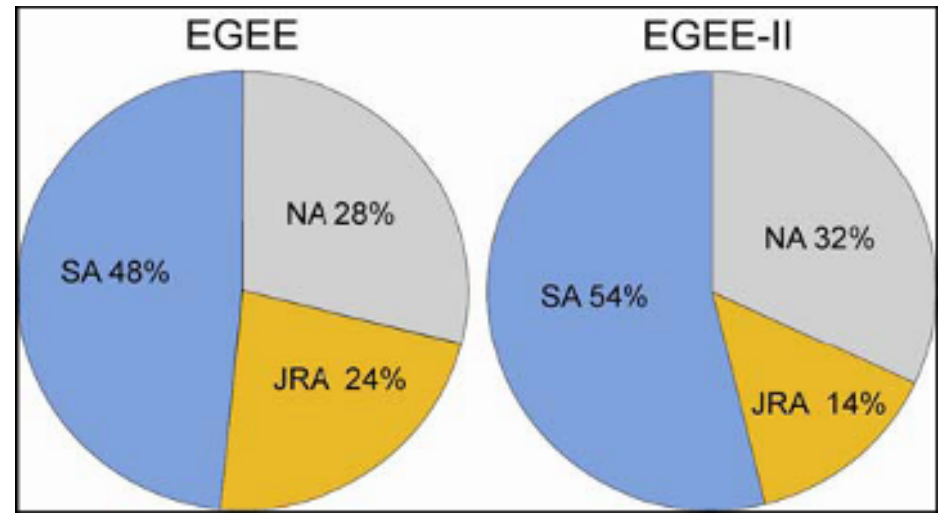


INFSO-RI-508833

- **EGEE-II proposal submitted to the EU**
  - On 8 September 2005
  - Proposed start 1 April 2006
  - 2 years duration
  - Negotiations well advanced
  
- **Natural continuation of EGEE**
  - Emphasis on providing an infrastructure for e-Science
    - increased support for applications
    - increased multidisciplinary Grid infrastructure
    - more involvement from Industry
  - Expanded consortium
    - > 90 partners in 32 countries (Non-European partners in USA, Korea and Taiwan)
    - related projects
  
- **world-wide Grid infrastructure**
- **increased international collaboration**



- **Similar structure to EGEE with increased focus on:**
- **Services**
  - New countries joining
  - New activity for sw integration and testing
- **Networking**
  - Increase support for applications
  - Reinforce outreach, dissemination and training
    - Closer links to industry (CERN openlab project)
    - Extend coverage to all regions
- **Coordination:**
  - Technical Coordination Group (TCG)
  - User Information Group (UIG)



- **Networking Activities (NA1-NA5)**
  - Management, Dissemination, Training, User support, Cooperation
  - Growth of the infrastructure user base
- **Service Activities**
  - Operate and maintain a working, sustainable infrastructure
  - **New:** SA3 – Integration, Testing and Certification
  - EGEE-II as core service provider
- **Joint Research Activities**
  - Reengineering of Grid middleware (more mature)
  - Quality Assurance for whole project  
incl. Security Coordination Group (SCG)

- **NA1 – Project Management**
  - EGEE-II Project Office in bld 600
  - Project Director: Bob Jones
  - Technical Director: Erwin Laure
- **NA2 – Dissemination, Outreach & Communication**
  - NA2 manager: Hannelore Hämmerle
- **NA3 – User Training and Induction**
- **NA4 – Application Identification and Support**
  - ARDA: Massimo Lamanna
- **NA5 – Policy and International Cooperation**
  
- **Goals:**
  - To ensure proper and effective management
  - To provide dissemination of EGEE-II opportunities to wide range of potential users
  - To enable integration of new users, train and guide them
  - To promote international collaboration in and outside the EU





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- **SA1 – European Grid Operations, Support and Management**
    - SA1 Manager: **Ian Bird**
  - **SA2 – Networking Support**
  - **SA3 – Integration, Testing and Certification**
    - Combines components from a variety of projects and sources to provide integrated approach to deployment of middleware
    - SA3 Manager: **Markus Schulz**
  - **Goal:**
    - Provide a working, sustainable infrastructure on which to run scientific and industrial applications

- **JRA1 – Re-engineering of Grid middleware**
  - Shift from development to incremental improvement mode
  - Reflects the more mature status of the middleware
  - Leadership moves from CERN to INFN (Claudio Grandi)
- **JRA2 – Quality assurance**
  - Builds on the quality process and tools of EGEE
  - Introduce partner metrics in each activity
  - Includes managing of security efforts through Security Coordination Group

## EGEE activities

**JRA3: Security - in JRA1 & SA1, coordination in JRA2**

**JRA4: Network Research - in JRA1**

