WP3 Report

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EUAsiaGrid CB Meeting
Outline

• Plans and current activities comparison
  – Data challenges
  – Continuous efforts
• EUAsia VO status
• Roadmap contribution
• Application repository
Data challenges

- **Defined as activity**
  - in which more than two Asian partners take part
  - that requires non-trivial use of resources
  - that requires long sustainable effort
  - that utilizes grid for collaboration, compute power
  - and necessary logistic arrangements
Data challenges

• Plans derived on July 2009
  • Need to identify a responsible person for each data/compute challenge – “challenge coordinator”
  • Coordinator is responsible for
    • Defining objective of the challenge, including expected scientific outcome
    • Putting together the core team
    • Defining resource requirements
    • Defining a schedule
  • All this must be available before end of August
• **Status on March 2010**
  
  • Dengue Fever (Hsin-Yen Chen, ASGC)
    • Development on-going, institutes participating
    • However completely none reporting, weak outcome definition and progress monitoring
  
  • Earthquake Mitigation (Eric Yen, ASGC)
    • Serious activity going on, more less none reporting
  
  • Digital Culture and Heritage (Suhaimi Napis, UPM)
    • No activity at all (at least reported one)
  
  • Social simulations modeling (Alex Voss, St. Andrew)
    • New challenge to build a migration AP regional model

Data challenges
Continuos efforts

- **Plans derived on July 2009**
  - Described in details for each institute in D3.2
  - Definition of concrete plans involving
    - Schedule
    - Milestones
    - Metric to follow the progress
  - **Multi-level monitoring**
    - Concrete persons responsible on site
    - Task leaders following progress
    - WP3 leader gets regular progress reports on success as well and failures
Continuous efforts

- **Status on March 2010**
  - More less only biomed-related work reported properly
    - ASGC, IAMI, MIMOS, IFI, HAI, and INPC
  - Other partners do not report any efforts although they promised to update their status
    - AdMU, ITB, UPM, NECTEC
  - Regular reports just a dream (!)
  - Very hard to build any serious estimation and/or documents from basically no partners information
Upcoming WP3 work

- Deliverable D3.3
- Deliverable D3.4
  - Final Report on Applications [M26] 05 / 2010

- These document keys to successful review of the EUAsiaGrid project
- Deadline for contributing passed already (!!!)
Upcoming WP3 work

- Personal discussions with each institute representatives
  - To ensure what and how will be delivered
  - To confirm strict deadlines
  - To discuss work beyond the EUAsiaGrid

- Has to be discussed and agreed before the end of next week
EUAsia VO status

• New resources from European partners
  • CESNET resource contribution up & running
    • Minor technical obstacles solved
  • INFN substantial resource contribution on the way
    • Policy barriers have to be overcome
• Certification of new AP sites on-going
Roadmap contribution

• High-level description of selected application domain possibly benefitting from EUAsiaGrid developments
  – Structural biology
  – Computational chemistry
  – Life sciences and biomedicine
  – High energy physics
  – Earth science and disaster mitigation
  – Ecology and biodiversity
  – Social sciences
Application repository

- Expected to contain up-to-date application programs information
- Description of their status, type of availability, porting process and instructions for direct utilization within EUAsia VO
- Inspired by similar tool for EELA 2 project available online at

http://applications.eu-eela.eu
• **Activity is performed by**
  – INFN providing the necessary technical background
  – ASGC will host and maintain the repository
  – CESNET responsible for supervision of filling the repository with meaningful partners content

partners’ input crucial **for the repository establishment and its real future utilization**