EGI Design Study
Requirements Consolidation and Use Case Definition

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CESNET, GRNET
• Statistics of obtained use cases
• Detailed analysis of the content
• Definition of next steps
• Use cases letter
• **Expected recipients**

  - **primary audience**
    - NGI representatives 37
  
  - **secondary audience**
    - EGEE application domain representatives 8
    - EGEE related project leaders 40 (appr.)
    - EGEE ROC managers 11
• Expected recipients
  – tertiary audience
    – EGEE VOs managers
    – contacted by CIC portal broadcast tool
    – positive feedback from VOs managers leader
• Primary audience
  – 11 respondents
    – Czech Republic, France, Germany, Greece, Netherlands
      Norway, Poland, Slovakia, Sweden, UK, Ukraine

Primary audience response
Secondary audience

- 14 respondents
  - AssessGrid, BioInfoGrid, CERN, CSC
  - DEGREE, EELA, EUChinaGrid, EUMEDGrid, Grid Observatory
  - Institute of Physics Cantabria, Interactive European Grid
  - KnowARC, NorduGrid, Universidad Politecnica Valencia
• Tertiary audience
  – 1 respondent
    – VO IDLG
    – still at the beginning of collection
    – promise to be coordinated by VOs managers leader
• **Template utilization**
  
  – majority of use cases in the form of distributed template or template-like form
    
    – **infrastructure-oriented**
    
    – **application-oriented**
    
    – **end user-oriented**
    
    – those in non-template form easily transformable
• Use cases content analysis / patterns
  – individual contributions contain from one up to nine cases
  – mechanism for detailed analysis
    – highlights of specific use cases patterns
    – distribution of patterns into specific categories
      – definition of key topics / issues
    – assignment of respondents into categories
• **Access to the infrastructure**

  - Projects
    - CERN
    - EUChinaGrid
    - EUMEDGrid
    - Inst. of Physics Cantabria
    - NorduGrid
• Resources monitoring / evaluation
  – Projects
  – AssessGrid
  – CERN
• Support for small communities / private sector
  
  – Projects
  – CSC
  – Inst. of Physics
  Cantabria

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• Middleware enhancements / deployment / development

- Projects
- CERN
- DEGREE
- Int. Eur. Grid
- Inst. of Physics
  Cantabria
- KnowARC
- Un. Pol.
  Valencia

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• Application scenarios (licensing, workflows, examples)

- Projects
- BioInfoGrid
- DEGREE
- EELA
- EUChinaGrid
- EUMEDGrid
- Grid Observatory
- Int. Eur. Grid
- Inst. of Physics Cantabria
- Un. Pol. Valencia

NGIs

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• **Highly expected aspects**
  
  – interactions with the infrastructure
  – definition of procedures / policies / SLAs
  – middleware development and maintenance
  – application licensing issues
  – intensive support for parallel run of jobs
• **Non-expected feedback**
  
  – closed community (private companies)
  
  – even single user
  
  – resource brokerage
• Definition of next steps

  – on-going work
    – **NGI** provide further feedback
      no deadline
    – **EGI** perform detailed analysis to get insight
      results available before October 28
• Mechanism for deeper analysis
  – prepare a list of individual requirements
  – map the requirements to WP3 defined list of functions and create appropriate matrix
    – allow multiple tentative fields associations
• **Next phase** ("starting" October 28)
  - feedback on the collected and processed use cases
  - requests for specific comments and new use cases
    - modified list of respondents
  - this phase ends in November