

# NGIs and VOs Readiness Survey Part of DNA1.6.2 “Country report”

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- **Objectives**
- **The process**
- **NGIs / VOs responses first analysis**

- **EGEE-III has introduced a new process called “Country report” in order to monitor the progress of the programme of work in each country**
  - DNA1.6.1 at PM11 & and DNA1.6.2 at PM23
- **Much of the material initiated for DNA1.6.1 Country Report is now collected in the QR aligned with the EGI structure**
- **According to the AMM (02/02/10 – Amsterdam)**
  - Focusing DNA1.6.2 on examining the state of the NGIs in preparation for transition
  - Highlighting NGIs readiness and pending issues

- **As part of the survey**
  - one questionnaire has been addressed to the NGIs
  - one questionnaire to the VOs
  - in particular to cross-check the resources commitment usage perspectives from both sides
  
- **Both questionnaire templates and responses can be found in**
  - <https://edms.cern.ch/document/1061529/>
  
- **Steps:**
  - 02 February : Present the scope of the survey to the AMB and PMB to get approval
  - 02 March: Present the draft of the questionnaire at the EGEE/EGI meeting held in Amsterdam in order to get inputs before the questionnaires will be submitted
  - 10 March: Submit the questionnaire to NGIs and VOs
  - 22 March: Get inputs
  - 14 April: Presents the main outcomes at the User Forum in Uppsala
  - 19 April: Provide DNA1.6.2 for review

- **NGIs questionnaire**
  - *NGI User Community services*
    - Resources foreseen to be committed to VRCs and associated VOs
    - Site resources capacity changes
    - Middleware stacks planned to be installed
    - Which services are expected to run for the VOs?
    - Training
    - Dissemination
  - *NGI operations*
    - National operational team
    - Participation to the staged rollout of middleware
    - Network
    - Operational tools
  
- **VOs questionnaire**
  - *VOs sustainability from EGEE to EGI*
  - *VOs resources sites commitment for EGI*
  - *Associated supporting organisations*

| NGIs / EIROs        | Already involved in      | Response When |
|---------------------|--------------------------|---------------|
| Albania             | SeeGrid                  | (11/03/10)    |
| Armenia             | SeeGrid                  |               |
| Austria             | EGEE                     | (23/03/10)    |
| Belarus             | BalticGrid               | (22/03/10)    |
| Belgium             | EGEE                     | (12/03/10)    |
| Bosnia & Herzegovia | SeeGrid                  |               |
| Bulgaria            | EGEE / SeeGrid           | (20/03/10)    |
| Croatia             | EGEE                     | (23/03/10)    |
| Cyprus              | EGEE                     | (22/03/10)    |
| Czech Republic      | EGEE                     |               |
| Denmark             | NorduGrid                |               |
| Finland             | EGEE / NorduGrid         | (22/03/10)    |
| France              | EGEE / EELA              | (22/03/10)    |
| Georgia             | SeeGrid                  |               |
| Germany             | EGEE                     | (22/03/10)    |
| Greece              | EGEE / SeeGrid           | (22/03/10)    |
| Hungary             | EGEE / SeeGrid           | (22/03/10)    |
| Ireland             | EGEE / EELA              |               |
| Israel              | EGEE / EELA              |               |
| Italy               | EGEE / EELA              |               |
| Latvia              | BalticGrid               |               |
| Lithuania           | BalticGrid               |               |
| Macedonia           | SeeGrid                  | (23/03/10)    |
| Moldova             | SeeGrid                  | (25/03/10)    |
| Montenegro          | SeeGrid                  |               |
| Netherlands         | EGEE                     |               |
| Norway              | EGEE                     |               |
| Poland              | EGEE / SeeGrid           | (23/04/10)    |
| Portugal            | EGEE                     | (22/03/10)    |
| Romania             | EGEE                     | (23/03/10)    |
| Russia              | EGEE                     |               |
| Serbia              | EGEE / SeeGrid           | (23/03/10)    |
| Slovakia            | EGEE                     | (24/03/10)    |
| Slovenia            | EGEE                     | (24/03/10)    |
| Spain               | EGEE / EELA              | (31/03/10)    |
| Sweden              | EGEE / BalticGrid        |               |
| Switzerland         | EGEE                     | (22/03/10)    |
| Taiwan              | EGEE                     |               |
| Turkey              | EGEE                     | (22/03/10)    |
| UK                  | EGEE                     | (01/04/10)    |
| CERN                | EGEE/SeeGrid /BalticGrid | (16/03/10)    |
| EMBL                |                          |               |

The NGI questionnaire was sent to the following NGIs as well as CERN and EMBL

Responses 25; Pending 17; Total 42; 60%

The VO questionnaire has been addressed to the VRCs within EGEE (i.e. the NA4 Strategic Discipline Clusters), to get input from the principal VOs

Responses 5; Pending 2; Total 7; 71%

| VRCs                       |        | Response When |
|----------------------------|--------|---------------|
| Astronomy and Astrophysics | AA     | (22/03/10)    |
| Computational Chemistry    | CC     |               |
| Earth Sciences             | ES     | (08/04/10)    |
| Fusion                     | Fusion | (31/03/10)    |
| Grid Observatory           | GO     | (01/04/10)    |
| High-Energy Physics        | HEP    |               |
| Life Sciences              | LS     | (25/03/10)    |

- a) Which VO or VRCs do you expect to continue to allow access to computing resources and storage after the end of EGEE?
- Responses analysis: 82 VOs have been identified, including 22 international VOs

## International VOs

| VRCs         | VOs       |
|--------------|-----------|
| HEP          | 21        |
| AA           | 7         |
| ES           | 7         |
| CC           | 7         |
| LS           | 6         |
| FUSION       | 1         |
| CS&M         | 1         |
| Other        | 31        |
| <b>Total</b> | <b>82</b> |

| Vos                    | VRC    | Albania | Austria | Belarus | Belgium | Bulgaria | CERN | Croatia | Cyprus | Finland | France | germany | greece | Hungary | Macedonia | Modova | Poland | Portugal | Romania | Serbia | slovakia | slovenia | spain | Switzerland | Turkey | UK | Total |
|------------------------|--------|---------|---------|---------|---------|----------|------|---------|--------|---------|--------|---------|--------|---------|-----------|--------|--------|----------|---------|--------|----------|----------|-------|-------------|--------|----|-------|
| atlas                  | HEP    |         | 1       | 1       |         | 1        |      | 1       |        | 1       |        | 1       |        |         |           |        | 1      | 1        | 1       | 1      | 1        | 1        | 1     | 1           | 1      | 15 |       |
| cms                    | HEP    |         | 1       |         | 1       |          | 1    |         |        | 1       | 1      |         |        | 1       |           |        | 1      | 1        |         | 1      |          |          | 1     | 1           | 1      | 13 |       |
| alice                  | HEP    |         |         |         |         |          | 1    |         | 1      | 1       | 1      |         |        | 1       |           |        | 1      |          | 1       |        | 1        |          |       |             |        | 10 |       |
| biomed                 | LS     |         |         |         |         |          |      |         | 1      | 1       | 1      |         | 1      |         | 1         |        |        | 1        |         |        | 1        |          |       |             | 1      | 10 |       |
| lhcb                   | HEP    |         |         |         |         |          | 1    |         | 1      |         | 1      |         |        |         |           |        | 1      |          | 1       |        |          |          | 1     | 1           |        | 7  |       |
| see                    | Other  | 1       |         |         |         |          |      |         | 1      |         |        |         | 1      |         | 1         |        |        |          | 1       | 1      |          |          |       |             | 1      | 7  |       |
| esr                    | ES     |         |         |         |         |          |      |         |        | 1       | 1      |         | 1      |         |           |        |        |          |         |        | 1        |          | 1     |             |        | 1  | 6     |
| compchem               | CC     |         |         |         |         |          |      |         |        |         |        | 1       |        |         |           |        | 1      |          |         |        |          |          | 1     |             | 1      | 5  |       |
| env.see-grid-sci.eu    | ES     | 1       |         |         |         | 1        |      |         |        |         |        |         | 1      |         | 1         |        |        |          | 1       |        |          |          |       |             |        | 5  |       |
| seeGRID                | Other  | 1       |         |         |         |          |      |         |        |         |        |         | 1      |         | 1         |        |        |          | 1       |        |          |          |       |             | 1      | 5  |       |
| fusion                 | FUSION |         |         |         |         |          |      |         |        |         |        |         |        |         |           |        |        | 1        | 1       |        |          |          | 1     |             |        | 4  |       |
| HONE                   | HEP    |         |         |         |         |          |      |         |        |         |        |         |        |         |           |        |        |          | 1       |        | 1        |          |       | 1           |        | 4  |       |
| meteo.see-grid-sci.eu  | ES     | 1       |         |         |         |          |      |         |        |         |        |         | 1      |         | 1         |        |        |          |         | 1      |          |          |       |             |        | 4  |       |
| seismo.see-grid-sci.eu | ES     | 1       |         |         |         |          |      |         |        |         |        |         | 1      |         | 1         |        |        |          |         |        |          |          |       |             | 1      | 4  |       |
| ilc                    | HEP    |         |         |         |         |          | 1    |         |        |         | 1      |         |        |         |           |        |        |          |         |        |          |          |       |             |        | 1  | 3     |
| astro.vo.eu-egEE.org   | AA     |         |         |         |         |          |      |         |        |         | 1      |         |        |         |           |        |        |          |         |        | 1        |          |       |             |        |    | 2     |
| voce                   | Other  |         | 1       |         |         |          |      |         |        |         |        |         |        |         |           |        |        |          |         |        | 1        |          |       |             |        |    | 2     |
| compass                | HEP    |         |         |         |         |          | 1    |         |        |         |        |         |        |         |           |        |        | 1        |         |        |          |          |       |             |        |    | 2     |
| dzero                  | HEP    |         |         |         |         |          |      |         |        |         | 1      |         |        |         |           |        |        |          |         |        |          |          |       |             |        | 1  | 2     |
| Multidisciplinary VOs  | Other  |         |         |         |         |          |      |         |        |         | 1      |         |        |         |           | 1      |        |          |         |        |          |          |       |             |        |    | 2     |
| Pierre Auger           | AA     |         |         |         |         |          |      |         |        |         |        |         |        |         |           |        |        | 1        |         |        |          |          | 1     |             |        |    | 2     |
| planck                 | AA     |         |         |         |         |          |      |         |        |         | 1      |         | 1      |         |           |        |        |          |         |        |          |          |       |             |        |    | 2     |
| prod.vo.eu-eELA.eu     | Other  |         |         |         |         |          | 1    |         |        |         |        |         |        |         |           |        |        | 1        |         |        |          |          |       |             |        |    | 2     |

**b) Do you foresee any changes in the resource capacity you will make available via EGI?**

## Responses analysis:

- **In general**
  - no major changes are foreseen from the current situation in term of site resources capacity
- **Some increase for:**
  - Austria
  - Belarus
  - Bulgaria
  - Cyprus
  - France
  - Moldova
  - Romania
  - Slovenia



- c) Which middleware stack(s) do you plan to install on your sites and expose to EGI?

Responses analysis:

- 96% gLite
- 24% ARC
- 28% Unicore
- Most of the NGIs using ARC or UNICORE will use also gLite

| NGIs / EIROs        | Already involved in | Response When | gLite | ARC | UNICORE |
|---------------------|---------------------|---------------|-------|-----|---------|
| Albania             | SeeGrid             | (11/03/10)    | gLite |     |         |
| Armenia             | SeeGrid             |               |       |     |         |
| Austria             | EGEE                | (23/03/10)    | gLite |     |         |
| Belarus             | BalticGrid          | (22/03/10)    | gLite |     | UNICORE |
| Belgium             | EGEE                | (12/03/10)    | gLite |     |         |
| Bosnia & Herzegovia | SeeGrid             |               |       |     |         |
| Bulgaria            | EGEE / SeeGrid      | (20/03/10)    | gLite |     | UNICORE |
| Croatia             | EGEE                | (23/03/10)    | gLite |     |         |
| Cyprus              | EGEE                | (22/03/10)    | gLite |     |         |
| Czech Republic      | EGEE                |               |       |     |         |
| Denmark             | NorduGrid           |               |       |     |         |
| Finland             | EGEE / NorduGrid    | (22/03/10)    |       | ARC | UNICORE |
| France              | EGEE / EELA         | (22/03/10)    | gLite |     |         |
| Georgia             | SeeGrid             |               |       |     |         |
| Germany             | EGEE                | (22/03/10)    | gLite |     | UNICORE |
| Greece              | EGEE / SeeGrid      | (22/03/10)    | gLite |     |         |
| Hungary             | EGEE / SeeGrid      | (22/03/10)    | gLite | ARC |         |
| Ireland             | EGEE / EELA         |               |       |     |         |
| Israel              | EGEE / EELA         |               |       |     |         |
| Italy               | EGEE / EELA         |               |       |     |         |
| Latvia              | BalticGrid          |               |       |     |         |
| Lithuania           | BalticGrid          |               |       |     |         |
| Macedonia           | SeeGrid             | (23/03/10)    | gLite |     |         |
| Moldova             | SeeGrid             | (25/03/10)    | gLite |     |         |
| Montenegro          | SeeGrid             |               |       |     |         |
| Netherlands         | EGEE                |               |       |     |         |
| Norway              | EGEE                |               |       |     |         |
| Poland              | EGEE / SeeGrid      | (23/03/10)    | gLite |     | UNICORE |
| Portugal            | EGEE                | (22/03/10)    | gLite |     |         |
| Romania             | EGEE                | (23/03/10)    | gLite |     | UNICORE |
| Russia              | EGEE                |               |       |     |         |
| Serbia              | EGEE / SeeGrid      | (23/03/10)    | gLite |     |         |
| Slovakia            | EGEE                | (24/03/10)    | gLite | ARC |         |
| Slovenia            | EGEE                | (24/03/10)    | gLite | ARC |         |
| Spain               | EGEE / EELA         | (31/03/10)    | gLite |     | UNICORE |
| Sweden              | EGEE / BalticGrid   |               |       |     |         |
| Switzerland         | EGEE                | (22/03/10)    | gLite | ARC |         |
| Taiwan              | EGEE                |               |       |     |         |
| Turkey              | EGEE                | (22/03/10)    | gLite | ARC |         |
| UK                  | EGEE                | (01/04/10)    | gLite |     |         |
| CERN                | EGEE/SeeGrid/Baltic | (16/03/10)    | gLite |     |         |
| EMBL                |                     |               |       |     |         |

Responses % 25 24 6 7  
60% 96% 24% 28%

d) Which services are expected to run for the VO's?

Responses analysis:  
Main ones:

— VOMS, FTS, WMS, BDII as well as MPI capabilities

| NGIs / EIROs        | Already involved in  | Response When | gLite VOMS | gLite LFC | gLite FTS | gLite WMS | gLite BDII | Globus: GridWay | Globus: RFT | Globus:MD S/WebMDS | SGAS | Globus: VOMSRS | MPI capabilities | VO gateway | Other Services |
|---------------------|----------------------|---------------|------------|-----------|-----------|-----------|------------|-----------------|-------------|--------------------|------|----------------|------------------|------------|----------------|
| Albania             | SeeGrid              | (11/03/10)    |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Armenia             | SeeGrid              |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Austria             | EGEE                 | (23/03/10)    |            |           |           |           | X          |                 |             |                    |      |                |                  |            | X              |
| Belarus             | BalticGrid           | (22/03/10)    | X          | X         | X         | X         | X          |                 |             |                    |      |                | X                | X          |                |
| Belgium             | EGEE                 | (12/03/10)    | X          | X         | X         | X         | X          |                 |             |                    |      |                | X                |            |                |
| Bosnia & Herzegovia | SeeGrid              |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Bulgaria            | EGEE / SeeGrid       | (20/03/10)    | X          | X         | X         |           | X          |                 | X           | X                  |      |                | X                | X          | X              |
| Croatia             | EGEE                 | (23/03/10)    |            |           |           |           | X          |                 |             |                    |      |                | X                |            |                |
| Cyprus              | EGEE                 | (22/03/10)    |            |           |           | X         | X          |                 |             |                    |      |                |                  |            | X              |
| Czech Republic      | EGEE                 |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Denmark             | NorduGrid            |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Finland             | EGEE / NorduGrid     | (22/03/10)    | X          |           |           |           | X          |                 | X           |                    | X    |                | X                |            | X              |
| France              | EGEE / EELA          | (22/03/10)    | X          | X         | X         | X         | X          |                 |             |                    |      |                | X                | X          | X              |
| Georgia             | SeeGrid              |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Germany             | EGEE                 | (22/03/10)    | X          | X         | X         | X         | X          |                 |             | X                  |      |                | X                | X          | X              |
| Greece              | EGEE / SeeGrid       | (22/03/10)    | X          | X         |           | X         | X          |                 |             |                    |      |                | X                |            | X              |
| Hungary             | EGEE / SeeGrid       | (22/03/10)    | X          | X         | X         | X         | X          |                 |             |                    |      |                | X                |            |                |
| Ireland             | EGEE / EELA          |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Israel              | EGEE / EELA          |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Italy               | EGEE / EELA          |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Latvia              | BalticGrid           |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Lithuania           | BalticGrid           |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Macedonia           | SeeGrid              | (23/03/10)    |            | X         |           | X         | X          |                 |             |                    |      |                | X                |            |                |
| Moldova             | SeeGrid              | (25/03/10)    |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Montenegro          | SeeGrid              |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Netherlands         | EGEE                 |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Norway              | EGEE                 |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Poland              | EGEE / SeeGrid       | (23/03/10)    | X          | X         |           | X         | X          |                 |             |                    |      |                | X                |            |                |
| Portugal            | EGEE                 | (22/03/10)    | X          | X         |           | X         | X          |                 |             |                    |      |                | X                |            |                |
| Romania             | EGEE                 | (23/03/10)    | X          | X         |           | X         | X          |                 |             |                    |      |                | X                |            |                |
| Russia              | EGEE                 |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Serbia              | EGEE / SeeGrid       | (23/03/10)    | X          | X         |           | X         | X          |                 |             |                    |      |                | X                | X          | X              |
| Slovakia            | EGEE                 | (24/03/10)    | X          | X         |           | X         | X          |                 |             |                    |      |                | X                | X          |                |
| Slovenia            | EGEE                 | (24/03/10)    | X          |           |           | X         | X          |                 |             |                    |      |                |                  | X          |                |
| Spain               | EGEE / EELA          | (31/03/10)    | X          | X         | X         | X         | X          | X               |             |                    |      |                | X                |            |                |
| Sweden              | EGEE / BalticGrid    |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Switzerland         | EGEE                 | (22/03/10)    | X          |           |           |           | X          |                 |             |                    |      |                |                  |            |                |
| Taiwan              | EGEE                 |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |
| Turkey              | EGEE                 | (22/03/10)    | X          | X         | X         | X         | X          |                 |             |                    |      |                | X                |            |                |
| UK                  | EGEE                 | (01/04/10)    |            | X         |           | X         | X          |                 |             |                    |      |                | X                |            |                |
| CERN                | EGEE/SeeGrid/BalticG | (16/03/10)    | X          | X         | X         | X         | X          |                 |             |                    |      |                |                  |            | X              |
| EMBL                |                      |               |            |           |           |           |            |                 |             |                    |      |                |                  |            |                |

Responses %

25 18 17 9 18 23 1 2 2 1 18 7 9  
60% 72% 68% 36% 72% 92% 4% 8% 8% 4% 72% 28% 36%

- **e) What human support (training, application porting, etc.) do you expect of provide for each of these VOs?**
  - Mainly: Training and Application Porting
- **f) Provide the name and email address of your NGI training contact**
  - 79% NGIs have provided contacts
- **g) What generic training do you intend to offer to your users, and which resources (dedicated national t-infrastructure, national production infrastructure, others) do you expect to use?**
  - Mainly: Grid for Users; Admin; Application Porting
- **h) Have you identified accredited trainers for your NGI?**
  - 42% NGIs with accredited trainers

- **i) Have you established a national dissemination office**
  - 50% NGIs already with dissemination office or with a clear plan for setting up the dissemination team
  
- **j) Do you expect to provide a dedicated website for your NGI?**
  - 88% NGIs already have a dedicated website or are currently working on setting up a dedicated website

- **k) Have you identified a national operations team?**
- **Responses analysis:  
Most NGIs have**

| NGIs / EIROs        | Already involved in | Response When | Operation Team identified? |
|---------------------|---------------------|---------------|----------------------------|
| Albania             | SeeGrid             | (11/03/10)    | Yes                        |
| Armenia             | SeeGrid             |               |                            |
| Austria             | EGEE                | (23/03/10)    | Yes                        |
| Belarus             | BalticGrid          | (22/03/10)    | Yes                        |
| Belgium             | EGEE                | (12/03/10)    |                            |
| Bosnia & Herzegovia | SeeGrid             |               |                            |
| Bulgaria            | EGEE / SeeGrid      | (20/03/10)    | Yes                        |
| Croatia             | EGEE                | (23/03/10)    | Yes                        |
| Cyprus              | EGEE                | (22/03/10)    | Yes                        |
| Czech Republic      | EGEE                |               |                            |
| Denmark             | NorduGrid           |               |                            |
| Finland             | EGEE / NorduGrid    | (22/03/10)    | Yes                        |
| France              | EGEE / EELA         | (22/03/10)    | Yes                        |
| Georgia             | SeeGrid             |               |                            |
| Germany             | EGEE                | (22/03/10)    | Yes                        |
| Greece              | EGEE / SeeGrid      | (22/03/10)    | Yes                        |
| Hungary             | EGEE / SeeGrid      | (22/03/10)    |                            |
| Ireland             | EGEE / EELA         |               |                            |
| Israel              | EGEE / EELA         |               |                            |
| Italy               | EGEE / EELA         |               |                            |
| Latvia              | BalticGrid          |               |                            |
| Lithuania           | BalticGrid          |               |                            |
| Macedonia           | SeeGrid             | (23/03/10)    | Yes                        |
| Moldova             | SeeGrid             | (25/03/10)    | Yes                        |
| Montenegro          | SeeGrid             |               |                            |
| Netherlands         | EGEE                |               |                            |
| Norway              | EGEE                |               |                            |
| Poland              | EGEE / SeeGrid      | (23/03/10)    | Yes                        |
| Portugal            | EGEE                | (22/03/10)    | Yes                        |
| Romania             | EGEE                | (23/03/10)    |                            |
| Russia              | EGEE                |               |                            |
| Serbia              | EGEE / SeeGrid      | (23/03/10)    | Yes                        |
| Slovakia            | EGEE                | (24/03/10)    | Yes                        |
| Slovenia            | EGEE                | (24/03/10)    | Yes                        |
| Spain               | EGEE / EELA         | (31/03/10)    | Yes                        |
| Sweden              | EGEE / BalticGrid   |               | Yes                        |
| Switzerland         | EGEE                | (22/03/10)    | Yes                        |
| Taiwan              | EGEE                |               |                            |
| Turkey              | EGEE                | (22/03/10)    | Yes                        |
| UK                  | EGEE                | (01/04/10)    | Yes                        |
| CERN                | EGEE/SeeGrid/Baltic | (16/03/10)    | Yes                        |
| EMBL                |                     |               |                            |
| <b>Responses</b>    |                     | <b>25</b>     | <b>23</b>                  |
| <b>%</b>            |                     | <b>60%</b>    | <b>92%</b>                 |

- I) Which of your sites are planning to participate in the staged rollout of middleware?

- Responses analysis:  
About 68% will participate

| NGIs / EIROS        | Already involved in  | Response When | Participation to the staged rollout of the middleware |
|---------------------|----------------------|---------------|---|
| Albania             | SeeGrid              | (11/03/10)    |   |
| Armenia             | SeeGrid              |               |   |
| Austria             | EGEE                 | (23/03/10)    | Yes   |
| Belarus             | BalticGrid           | (22/03/10)    | No  |
| Belgium             | EGEE                 | (12/03/10)    |   |
| Bosnia & Herzegovia | SeeGrid              |               |   |
| Bulgaria            | EGEE / SeeGrid       | (20/03/10)    | Yes   |
| Croatia             | EGEE                 | (23/03/10)    |   |
| Cyprus              | EGEE                 | (22/03/10)    | Yes   |
| Czech Republic      | EGEE                 |               |   |
| Denmark             | NorduGrid            |               |   |
| Finland             | EGEE / NorduGrid     | (22/03/10)    | Yes   |
| France              | EGEE / EELA          | (22/03/10)    | Yes   |
| Georgia             | SeeGrid              |               |   |
| Germany             | EGEE                 | (22/03/10)    | Yes   |
| Greece              | EGEE / SeeGrid       | (22/03/10)    |   |
| Hungary             | EGEE / SeeGrid       | (22/03/10)    | Yes   |
| Ireland             | EGEE / EELA          |               |   |
| Israel              | EGEE / EELA          |               |   |
| Italy               | EGEE / EELA          |               |   |
| Latvia              | BalticGrid           |               |   |
| Lithuania           | BalticGrid           |               |   |
| Macedonia           | SeeGrid              | (23/03/10)    | Yes   |
| Moldova             | SeeGrid              | (25/03/10)    |   |
| Montenegro          | SeeGrid              |               |   |
| Netherlands         | EGEE                 |               |   |
| Norway              | EGEE                 |               |   |
| Poland              | EGEE / SeeGrid       | (23/03/10)    | Yes   |
| Portugal            | EGEE                 | (22/03/10)    | Yes   |
| Romania             | EGEE                 | (23/03/10)    | Yes   |
| Russia              | EGEE                 |               |   |
| Serbia              | EGEE / SeeGrid       | (23/03/10)    | Yes   |
| Slovakia            | EGEE                 | (24/03/10)    | Yes   |
| Slovenia            | EGEE                 | (24/03/10)    | Yes   |
| Spain               | EGEE / EELA          | (31/03/10)    | Yes   |
| Sweden              | EGEE / BalticGrid    |               |   |
| Switzerland         | EGEE                 | (22/03/10)    |   |
| Taiwan              | EGEE                 |               |   |
| Turkey              | EGEE                 | (22/03/10)    | Yes   |
| UK                  | EGEE                 | (01/04/10)    | Yes   |
| CERN                | EGEE/SeeGrid/BalticG | (16/03/10)    |   |
| EMBL                |                      |               |   |

Responses

25

17

%

60%

68%

- **m) Do you expect to nominate a network representative .... at EGI level?**
- **n) What is your current operational model for network-related tickets and issues?**
- **o) Have you contacted your NREN to participate to the Network support task?**
- **Responses analysis:**
  - Most (71%) expect to nominate a network representative
  - 54% have already contacted their NREN

| NGIs EIROs          | Already involved in | Response When | m) Network representative ? | n) Current operational model | o) have you contacted your NREN? |
|---------------------|---------------------|---------------|-----------------------------|------------------------------|----------------------------------|
| Albania             | SeeGrid             | (11/03/10)    | Yes                         | Done                         |                                  |
| Armenia             | SeeGrid             |               |                             |                              |                                  |
| Austria             | EGEE                | (23/03/10)    |                             | Done                         | No                               |
| Belarus             | BalticGrid          | (22/03/10)    | Yes                         | Done                         | No                               |
| Belgium             | EGEE                | (12/03/10)    |                             |                              |                                  |
| Bosnia & Herzegovia | SeeGrid             |               |                             |                              |                                  |
| Bulgaria            | EGEE                | (20/03/10)    | Yes                         | Done                         |                                  |
| Croatia             | EGEE                | (23/03/10)    | Yes                         | Done                         | Yes                              |
| Cyprus              | EGEE                | (22/03/10)    | Yes                         | Done                         | Yes                              |
| Czech Republic      | EGEE                |               |                             |                              |                                  |
| Denmark             | NorduGrid           |               |                             |                              |                                  |
| Finland             | EGEE / NorduGrid    | (22/03/10)    | Yes                         | Done                         | Yes                              |
| France              | EGEE / EELA         | (22/03/10)    | Yes                         |                              |                                  |
| Georgia             | SeeGrid             |               |                             |                              |                                  |
| Germany             | EGEE                | (22/03/10)    | Yes                         | Done                         | Yes                              |
| Greece              | EGEE                | (22/03/10)    | Yes                         | Done                         | Yes                              |
| Hungary             | EGEE                | (22/03/10)    | Yes                         |                              | Yes                              |
| Ireland             | EGEE / EELA         |               |                             |                              |                                  |
| Israel              | EGEE / EELA         |               |                             |                              |                                  |
| Italy               | EGEE / EELA         |               |                             |                              |                                  |
| Latvia              | BalticGrid          |               |                             |                              |                                  |
| Lithuania           | BalticGrid          |               |                             |                              |                                  |
| Macedonia           | SeeGrid             | (23/03/10)    | Yes                         | Done                         | Yes                              |
| Moldova             | SeeGrid             | (25/03/10)    |                             | Done                         | Yes                              |
| Montenegro          | SeeGrid             |               |                             |                              |                                  |
| Netherlands         | EGEE                |               |                             |                              |                                  |
| Norway              | EGEE                |               |                             |                              |                                  |
| Poland              | EGEE                |               |                             |                              |                                  |
| Portugal            | EGEE                | (22/03/10)    | Yes                         | Done                         | Yes                              |
| Romania             | EGEE                | (23/03/10)    |                             | Done                         |                                  |
| Russia              | EGEE                |               |                             |                              |                                  |
| Serbia              | EGEE                | (23/03/10)    | Yes                         | Done                         | Yes                              |
| Slovakia            | EGEE                | (24/03/10)    |                             | Done                         | No                               |
| Slovenia            | EGEE                | (24/03/10)    | Yes                         | Done                         | Yes                              |
| Spain               | EGEE / EELA         | (31/03/10)    | Yes                         | Done                         | Yes                              |
| Sweden              | EGEE / BalticGrid   |               |                             |                              |                                  |
| Switzerland         | EGEE                | (22/03/10)    | Yes                         | Done                         | Yes                              |
| Taiwan              | EGEE                |               |                             |                              |                                  |
| Turkey              | EGEE                | (22/03/10)    | Yes                         | Done                         | Yes                              |
| UK                  | EGEE                | (01/04/10)    | Yes                         | Done                         | No                               |
| CERN                | EGEE / SeeGrid      | (16/03/10)    | Yes                         | Done                         | N/A                              |
| EMBL                |                     |               |                             |                              |                                  |

Responses 24 17 18 13  
% 57% 71% 75% 54%

**m) Which operational tools do you wish to use as centrally deployed and/or locally/nationally deployed ...?**

**Responses analysis: Classified by order of responses :**

- Centrally: GOCDB; Op. portal; Op. Dashboard; Accounting repository; etc
- Locally: Monitoring Infrastructure; Accounting portal, helpdesk; etc
- Centrally & Locally: Monitoring Infrastructure; Accounting portal, helpdesk; etc

| Operation tools              | Accounting repository | Accounting portal | Operations Portal | Operations Dashboard | Monitoring Infrastructure | GOCDB | Helpdesk |
|------------------------------|-----------------------|-------------------|-------------------|----------------------|---------------------------|-------|----------|
| Total responses              | 24                    | 24                | 24                | 24                   | 24                        | 24    | 24       |
| Centrally deployed           | 15                    | 14                | 16                | 16                   | 13                        | 17    | 14       |
| Locally deployed             | 10                    | 12                | 8                 | 6                    | 14                        | 6     | 12       |
| Centrally & Locally deployed | 5                     | 6                 | 4                 | 2                    | 6                         | 2     | 6        |



- To capture in particular the perspective from the VOs on resources commitment usage and support after the end of EGEE.
- The VO questionnaire has been distributed to the NA4 SDC (Strategic Discipline Clusters). They should get input from the principal VOs.

| VRCs                       |        | Response When |
|----------------------------|--------|---------------|
| Astronomy and Astrophysics | AA     | (22/03/10)    |
| Computational Chemistry    | CC     |               |
| Earth Sciences             | ES     | (08/04/10)    |
| Fusion                     | Fusion | (31/03/10)    |
| Grid Observatory           | GO     | (01/04/10)    |
| High-Energy Physics        | HEP    |               |
| Life Sciences              | LS     | (25/03/10)    |

From the current responses (without CC & HEP):

- **a) For each VO, please indicate the level of contact between the VO and the VRC and whether that level of contact will increase or decrease after the end of the EGEE-III project?**
  - Contacts and synergies between the VRC and VOs should be re-enforced
    - Several VOs reported without “no contact” between VRC & VO
  
- **b) For each VO, please indicate which sites have you contacted or have agreements with to continue using their resources after the end of EGEE-III?**
  - 33 VOs identified including 13 International VOs (without HEP & CC)
    - With extrapolation from HEP & CC: 66 VOs including 22 International VOs
    - To be compared with NGIs reponses: 82 VOs including 22 international VOs
  
- **c) Please list the NGIs/EIROs/ESFRI /others you have contacted (or are already associated with) so that the VRC activities may continue after EGEE ends?**
  - Initiatives for future collaborations reported have been undertaken during the preparation of SAFE, ROSCOE, etc. Most of them have to be reconsidered in light of how VRCs will be organised within EGI

- **No major changes in site resources capacity**
  - Some increase is foreseen
- **No major changes in resources foreseen to be committed to VRCs/VOs**
  - Reverting to a single national base is observed
  - A business model for EGI and the NGIs needs to be developed. Services will in the longer term not be provided for free
- **Contacts and synergies between the VRC and VO should be re-enforced as well as collaboration with ESFRI projects**
- **gLite will be widely use (96%)**
  - ARC (24%) and UNICORE (28%)
- **Half of the countries already have accredited trainers**
  - Collaboration & central training is necessary to fill in the present gaps
- **Good coverage for Dissemination**
- **National operations teams and Network contacts are mostly in place, urgent to fill the missing contacts in certain countries**

- Please provide feedback to:
  - [gabriel.zaquine@cern.ch](mailto:gabriel.zaquine@cern.ch)
  - Cc: [steven.newhouse@cern.ch](mailto:steven.newhouse@cern.ch)
- Latest date for providing input: 16/04/2010
- Responses to the questionnaires can be found here:
  - <https://edms.cern.ch/document/1061529/>