

## Welcome

The EGI Compendium survey aims to collect a structured set of data from the EGI.eu participants and associated participants (NGIs/EIROs) to create a body of knowledge to be updated on a yearly basis.

The collected data refers to key areas such as legal form, users, services, resources, technology and sustainability. The data will be analysed and organised in a booklet to be distributed within the EGI community and outside.

The objectives of the EGI Compendium are:

- to increase the transparency about organisational structure, status and plan of NGIs/EIROs
- to provide an essential body of information for the various stakeholders to better support strategic planning
- to provide more clarity about the EGI.eu partnership with the NGIs/EIROs outside the EGI community

The survey is structure in the following sections:

- identity and contact
- strategy
- governance
- funding of the NGI
- funding and staffing of the NGI/EIRO e-infrastructure
- policy
- outreach
- services
- users
- infrastructure
- technology

This survey should be filled by each NGI/EIRO that is a member of EGI.eu. In order to answer some question, NGIs need to collect data from the respective members. Therefore, we suggest to circulate an internal survey to collect the necessary information (especially those in section "Funding and Staffing of the NGI/EIRO e-Infrastructure").

FAQ:

Q1. In which ways I can submit the answers to EGI.eu?

A1. We invite you to submit the answers solely through this online survey; each NGI/EIRO is provided with a unique link that you can use to return on you survey and add/modify the data when needed

Q2. Should I wait to have all the data before entering them into the online survey?

A2. We recommend you to add the data incrementally as soon as they are available. We will periodically check the advancement status and partial information can be very useful.

Q3. I need to collect info from many people and I would like to circulate an offline version of the questionnaire. Is this available?

A3. An offline version of the questionnaire is available as editable PDF document at the following URL:  
<https://documents.egi.eu/document/1032>

Q4. Some of the data have been already provided or is already available through tools like the EGI Operations or Accounting portals, why are these asked again?

A4. The EGI.eu staff will take care of pre-filling the information already available before asking NGIs/EIROs to fill the survey; this will give the opportunity for them to validate the data and provide updates where needed

## Identity and Contacts

**\*1. With this survey, are you providing information on behalf of an NGI or EIRO?**

NGI

EIRO

**2. What is the full name of the NGI/EIRO? (in English)**

**3. What is the abbreviation of the full name in English of the NGI/EIRO?**

**4. What is the full name and abbreviation of the NGI/EIRO in the national language(s)? (for each national language, specify in a different line: language, full name of the NGI/EIRO, abbreviation)**

<input type="text"/>	<input type="text"/>
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**5. What is the URL to the logo of the NGI/EIRO?**

**6. What is the represented country? (NGI-only question)**

**7. What is the postal address of the NGI/EIRO?**

Name:	<input type="text"/>
Address 1:	<input type="text"/>
Address 2:	<input type="text"/>
City/Town:	<input type="text"/>
State/Province:	<input type="text"/>
ZIP/Postal Code:	<input type="text"/>
Country:	<input type="text"/>
Email Address:	<input type="text"/>
Phone Number:	<input type="text"/>

**8. What is the website URL of the NGI/EIRO?**

**9. Who is the NGI/EIRO member of the EGI Council?**

Title:	<input type="text"/>
Name:	<input type="text"/>
Surname:	<input type="text"/>
Email Address:	<input type="text"/>

## 10. Who is the NGI/EIRO deputy member of the EGI Council?

Title:

Name:

Surname:

Email Address:

## 11. Who is the International Liaison Contact of the NGI/EIRO?

Title:

Name:

Surname:

Email Address:

## 12. Who is the International Liaison deputy contact of the NGI/EIRO?

Title:

Name:

Surname:

Email Address:

## 13. Who is the Operations Manager contact of the NGI/EIRO?

Title:

Name:

Surname:

Email Address:

## 14. Who is the Operations Manager deputy contact of the NGI/EIRO?

Title:

Name:

Surname:

Email Address:

## 15. In what year the NGI/EIRO was established?

## 16. In what year Grid Operations started in the NGI country (or EIRO)?

## 17. Please, briefly describe the history of the NGI/EIRO as related to the Grid activities (or add a URL to a webpage)

## Strategy

### 18. Does the NGI/EIRO have a defined strategy document for Grid and distributed computing?

- No  
 Yes

If yes, add the URL to the document

### 19. What is the NGI/EIRO vision for Grid and distributed computing?

(The vision is an aspirational description of what the NGI/EIRO would like to achieve or accomplish in the mid-term/long-term future, and should serve as a clear guide for choosing current and future courses of action; see also the EGI Vision definition in <http://go.egi.eu/EGI2020>)

### 20. What is the NGI/EIRO mission?

(The mission is a written declaration of the NGI/EIRO's core purpose and focus that normally remains unchanged over time. Properly crafted mission statements (1) serve as filters to separate what is important from what is not, (2) clearly state which markets will be served and how, and (3) communicate a sense of intended direction to the entire organisation. A mission is different from a vision in that the former is the cause and the latter is the effect; a mission is something to be accomplished whereas a vision is something to be pursued for that accomplishment; see also the EGI Mission definition in <http://go.egi.eu/EGI2020>)

### 21. What are the NGI/EIRO core values? (max 5)

(Core values are guiding beliefs that guide the [Q1]'s internal conduct as well as its relationship with the external world; see also the EGI Core Values definition in <http://go.egi.eu/EGI2020>)

1.
2.
3.
4.
5.

**22. Does the NCI/EIRO have a defined business model for Grid services? (see [http://en.wikipedia.org/wiki/Business\\_model](http://en.wikipedia.org/wiki/Business_model))**

- No
- Yes (please specify the URL to the describing document)

**23. Please, provide a short description of the major changes that occurred in the organisation and/or services during 2011 or that you foresee for the coming year (e.g., structural changes, changes in your mandate or remit, major technology upgrades, changes in the user base)**

## Governance

### 24. What is the legal form of the NGI/EIRO?

- Legal national entity (for profit)
- Legal national entity (non-profit)
- Legal international entity (for profit)
- Legal international entity (non-profit)
- Group of interest (not a legal entity)

If not a legal entity, please explain if and when the legal entity is planned to be formalised

### 25. Which roles are covered by the NGI/EIRO? (see <https://wiki.egi.eu/wiki/Glossary> for definitions)

- National coordinating body
- Resource Infrastructure Provider
- Resource Centre
- Technology Provider
- Platform Integrator
- Platform Operator

### 26. How does the NGI/EIRO participate in EGI.eu?

- The NGI/EIRO is a participant
- The NGI/EIRO is an associated participant

### 27. Is the NGI/EIRO a direct member of the EGI Council?

- Yes
- No, it is represented by an [Q1] member (please provide the name)

### 28. What is the duration of the legal agreement that established the NGI/EIRO?

- unlimited
- limited

If limited, please specify the last year of validity for the current agreement

### 29. How many member institutions are part of the NGI/EIRO?

## 30. What is the name of the NGI/EIRO governing body? (e.g. Council)

## 31. What types of stakeholders are represented in the governing body?

- Academic institutions
- Research institutes
- National governments
- Intergovernmental organisations
- Industry
- User communities
- VOs
- Resource centres
- Other (please specify)

## 32. Does the NGI/EIRO have an advisory board?

- Yes
- No

## 33. What are the types of stakeholder included in the advisory board?

- types technology provider
- user community
- industry
- resource centre
- Other (please specify)

## 34. What type of relation has the NGI with the national government? (or the EIRO with the national governments?)

- Hierarchical (e.g. you are subordinate to a responsible government body)
- Direct/Formal (e.g. board member; contact with Ministry)
- Informal/Indirect (e.g. gov't liaison; proposals; tenders)
- Non existent
- Other (please specify)

## 35. Do you have a Web page describing the governance model of the NGI/EIRO?

- No
- Yes, please specify the URL

## Funding of the NGI

This section should be filled only by NGIs that are legal organisations.

### 36. If the NGI is a legal organisation, what are its funding sources?

- European Public Funding
- National Public Funding
- Institutes
- Donations
- Private investments
- Membership Fees
- Paying Users
- Royalties
- Other (please specify)

### 37. If the NGI is a legal organisation, what are its funding types?

- project-based
- recurrent from funding organisations
- subscription fee
- usage-based
- Other (please specify)

### 38. If the NGI is a legal organisation, what is its overall annual budget?

2011

2012

### 39. If the NGI is a legal organisation, for how many years the funding is guaranteed? (add 99 for indefinite)

## Funding and Staffing of the NGI/EIRO e-Infrastructure

### 40. What are the funding sources to create/operate the NGI/EIRO e-infrastructure?

- European Public Funding
- National Public Funding
- Institutes
- Donations
- Private investments
- Membership Fees
- Paying Users
- Royalties
- Other (please specify)

### 41. What are the funding types?

- project-based
- recurrent from funding organisations
- subscription fee
- usage-based
- Other (please specify)

### 42. What is the overall annual budget for the NGI/EIRO dedicated to operate/upgrade the infrastructure part of EGI? (for NGIs, the budget should include all the individual budgets of the various resource centres; this should provide an estimate of the financial resources needed operate/upgrade the infrastructure; please use millions of euro at the current exchange rate)

2011

2012

## 43. Please, give an estimate of the sources of your 2011 budget (in percentage)

European Public Funding	<input type="text"/>
National Public Funding	<input type="text"/>
Institutes	<input type="text"/>
Donations	<input type="text"/>
Private investments	<input type="text"/>
Membership Fees	<input type="text"/>
Paying Users	<input type="text"/>
Royalties	<input type="text"/>

## 44. What is the percentage of the 2011 budget dedicated to CAPEX (as opposed to OPEX)? ([http://en.wikipedia.org/wiki/Capital\\_expenditure](http://en.wikipedia.org/wiki/Capital_expenditure))

## 45. What percentage of the CAPEX budget was dedicated to acquisition of computing or storage resources? (the sum of the three numbers should be 100)

Computing	<input type="text"/>
Storage	<input type="text"/>
Other (e.g. auxiliary equipment such as UPS, Cooling)	<input type="text"/>

## 46. How many computing and storage resources were acquired and installed during 2011 with the mentioned CAPEX budget?

Logical CPUs/cores (number)	<input type="text"/>
Disk (TB)	<input type="text"/>
Tape (TB)	<input type="text"/>

## 47. What percentage of the OPEX budget was dedicated to personell?

## 48. How many FTEs were dedicated in 2011 to run the NGI/EIRO infrastructure?

## 49. How the FTEs in 2011 were split among the following functional areas? (in %)

Management	<input type="text"/>
Administration	<input type="text"/>
Operation	<input type="text"/>
Middleware development	<input type="text"/>
User application development	<input type="text"/>
Training	<input type="text"/>
Dissemination	<input type="text"/>
User Support	<input type="text"/>

## 50. What is the expected increase/decrease of FTEs dedicated to e-infrastructure activities within the NGI/EIRO in the following years? (express in % as positive or negative number referred to the 2011 figure)

2012	<input type="text"/>
2013	<input type="text"/>
2014	<input type="text"/>

## Policy

**51. Please, describe the resource allocation model through which an existing/new user community can apply for new resources in the NGI/EIRO infrastructure (specify also the approaches to cover costs).**

**52. Does the NGI/EIRO define any policies on the e-infrastructure in addition to the EGI policies? If so, what? (e.g. certain countries restricted from use/access; privacy policies)**

- No
- Yes (please describe briefly the addressed aspects by the additional policies)

**53. If the NGI/EIRO defines additional policies, what are the affected areas?**

- Technology
- Operations
- Users / Community
- Security
- Green IT
- Other (please specify)

**54. Does the NGI/EIRO have a webpage with the list of policies/procedures that apply to the coordinated e-infrastructure?**

- No
- Yes (please specify the URL)

## Outreach

**55. Does the NGI/EIRO publish a regular newsletter or annual report or case studies or book?**

- No
- Yes (please list them and provide URL if applicable)

**56. Does the NGI/EIRO run a regular event? (e.g., annual workshops, schools)**

- No
- Yes (please list them and specify the URL)

**57. Does the NGI/EIRO run project websites?**

- No
- Yes (please specify the URLs)

**58. Is the NGI/EIRO active in social media?**

- LinkedIn
- Facebook
- Twitter
- Google+
- Other (please specify)

**59. If the NGI/EIRO is active in social media, please specify the URL to the relevant pages/profiles**

## Services

### 60. Does the NGI/EIRO operate an internal Certification Authority?

- Yes, to issue certificates for users
- Yes, to issue certificates for servers
- Yes, to issue certificates for code signing

If no, please, specify how do you or your users provision digital certificates and if you plan to build a CA in the future

### 61. What services are provided by the NGI/EIRO to the users?

- VO membership service
- VO monitoring
- Data management services
- Job management services
- Science gateways
- Digital certificates services
- Other (please specify)

### 62. What is the number of training days for Grid end-users or Grid operators offered in 2011? (a training day should be calculated per training event and not related to the number of participants)

### 63. How many Grid end-users or Grid operators attended training events during 2011? (if the same person attends two different training events, then it counts double)

## Users

**64. How many different Grid end-users had valid credentials released by the NGI/EIRO at the end of 2011?**

**65. How many Virtual Organisations (VOs) are supported by the NGI/EIRO?**

**66. What are the top 3 VOs by usage (logical CPU walltime)?**

1.
2.
3.

**67. What are the research areas covered by the users of the NGI/EIRO infrastructure? (the categories with a \* are in use since EGEE)**

- Astronomy, Astrophysics and Astro-Particle Physics (\*)
- Computational Chemistry (\*)
- Computer Science and Mathematics (\*)
- Earth Sciences (\*)
- Fusion (\*)
- High-Energy Physics (\*)
- Life Sciences (\*)
- Archeology
- Civil Protection
- Energy
- Finance
- Geophysics
- Materials and Analytical Facilities
- Multimedia
- Social Sciences & Humanities

Other (please specify)

**68. In how many projects related to scientific computing the NGI/EIRO was involved during 2011?**

Direct involvement of the NGI/EIRO as a partner

Indirect involvement through an NGI/EIRO member

**69. In what ESFRI projects the NGI/EIRO is directly involved? (or indirectly through members)**

## Infrastructure

**70. How many resource centers are coordinated by the NGI/EIRO?**

**71. What is the total logical CPUs (cores) available via the NGI/EIRO at the end of 2011? (includes all resource centers)**

**72. How many of these logical CPUs (cores) are dedicated to run virtual machines? (includes all resource centers)**

**73. How many months of logical CPU (core) wall clock time were consumed by users of the NGI/EIRO infrastructure during 2011?**

**74. What is the percentage of utilisation of the logical CPU (core) capacity in 2011?**

**75. What is the total GPUs available via the NGI/EIRO at the end of 2011? (includes all resource centers)**

**76. How many months of GPU wall clock time were consumed by users of the NGI/EIRO infrastructure in 2011?**

**77. What is the percentage of utilisation of the GPU computing capacity in 2011**

**78. What is the size of disk storage (in TB) available via the NGI/EIRO at the end of 2011? (includes all resource centers)?**

**79. What is the size of tape storage (in TB) available via the NGI/EIRO at the end of 2011? (includes all resource centers)?**

**80. Does the NGI/EIRO have a pool of resources dedicated to enable new users to try the Grid services?**

Number of Logical CPUs (cores)

Disk Storage (TB)

Tape Storage (TB)

**81. Are the resources for new users try-out owned by the NGI/EIRO as legal entity and/or offered through affiliated resource centres?**

- Owned by NGI/EIRO
- Owned by affiliated resource centres/institutions
- Mixed

Other (please specify)

## Technology

### 82. What categories of middleware components are deployed in the NGI/EIRO infrastructure?

- EMI (components from gLite)
- EMI (components from UNICORE)
- EMI (components from ARC)
- Globus
- StratusLab
- dCache
- EDGI
- Other (please specify)

### 83. This is the last question of the survey. Is there something else you would like to add about the NGI/EIRO and the related e-infrastructure activities for 2011?