**General notes:**

* Must always provide answers for people to choose from
* Downloadable version in pdf / and/or preview link
* Email support
* Continuous updates to be available
* There are possible online providers

1. **REGIONAL QUESTIONNAIRE – ONE PER REGION**

*Recipients: EELA (both ROCS), EUMED ROC, Africa ROC, Asia ROC.*

*India (GARUDA/NKN), China (CNGrid & ChinaGrid), New Zealand (BestGrid), etc. – but aren’t these NGIs?*

*This must be filled in my regional project leaders based on their knowledge and without consulting NGIs.*

**A.1. Infrastructure –**

**A.1.1. Number of Grid sites** [number]

**A.1.2. Number of CPU cores** [number]

**A.1.3. SPECT INT** [number]

**A.1.4. Memory per CPU core (mean?)**

**A.1.5. OnLine Storage size (disks)** [number in TB]

**A.1.6. Nearline Storage Space (Tape Systems)** [number in TB]

**A.2. Operational services**

**A.2.1. Catch-all Certification authority** [Υes - link /Νo/use another’s]

**A.2.2. User registration** [Υes – link /Νo/use another’s]

**A.2.3. Regional VOs** (Number of disciplines, Number of VOs)

**A.2.4. List of core services deployed** (i.e VOMS, WMS, BDII, LFC, FTS, MyProxy)

**A.2.5. Regional portal** [Υes/Νo/use another’s]

**A.2.6. Regional helpdesk** [Υes/Νo/use another’s helpdesk]

List of helpdesks

**A.2.7. Regional monitoring** [Υes/Νo/use another’s]

List of Regional Monitoring systems

**A.2.8. Regional SLA monitoring and SLAs in place** [Υes/Νo/use another’s]

**A.2.9. Regional accounting** [Υes/Νo/use another’s]

**A.2.10. Regional Registration database** [Υes/Νo/use another’s]

**A.2.11. Regional dashboard** [Υes/Νo/use another’s]

**A.3. User support services**

**A.3.1. Does your region have application Support/porting team**

[Υes/Νo/use another’s]

Describe?

**A.3.2. Does your region have User Support team**

[Υes/Νo/use another’s]

Describe?

**A.3.3.** **Is there a catch-all Regional VO?**

[Υes - pointer/Νo/use another’s]

**A.3.4.** **Please list the training approaches that you use**

**A.4. User communities – Rafa please expand according to WP3 needs**

**A.4.1. International (European and regional) VOs supported** [Number, list]

**A.4.2 International applications supported** [Number, list (specifying their domain), do they officially belong to another Grid project?]

**A.4.3. Number of regional users** [number of Users with grid certificates]

**A.4.4. Please list top 5 user communities in your region** (should provide drop-down list with pre-defined communities i.e. BioMed, etc. or statistics from the most used VO)

**A.4.5 Please elaborate which specific applications they run**

**A.4.6 Please elaborate which software they run**

**A.4.7 Is there a regional database/list of applications that you maintain?**

**A.4.8 Is there a domestic and periodic call for offering the Grid infrastructure to different users or for forming accredited Regional VRC? If so, please provide the details**

**A.5. Current EGI interoperation approaches - Ludek please expand according to WP4 needs**

Does your ROC have direct interface with EGI?

If yes, elaborate: interfaces with EGI (helpdesk / monitoring / user support, etc)

etc

**A.6. Middleware**

**A.6.1. Which middleware does your regional infrastructure run?**

**A.6.2. List the m/ws available**

**A.6.3. List the specific middleware services (we must limit this?)**

**A.6.4. Is the middleware your have compatible with EGI Supported Middleware (gLite, ARC & Unicore)**

**A.7 Network**

**A.7.1 Do you have a dedicated regional GEANT link?**

[yes, no] If yes what capacity

**A.7.2 To what other regional backbone is your region connected?**

[List]

**A.7.3 What is the average bandwidth of your regional research and educational network(s) (MAN)?**

**A.7.4 What is the average bandwidth of the link to your GRID sites?**

**A.8. Related technologies (e.g, clouds, hpc) – Roberto pls expand**

Does your regional infrastructure have a supercomputer above 5Tflops?

Does your region have cloud installations? Is any specific cloud software used?

etc

**A.9. Regional organisational status and sustainability issues - Ognjen**

**A.9.1. Regional JRU established** [Yes [Date]/No]

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**Probably the following questions are too much – do we have any case of such a body?)**

**A.9.2. Regional dedicated body established** [Yes [Date]/No]

**A.9.3. Initiating body** [Name, Type]

**A.9.4. Set-up document** [Description, URL]

**A.9.5. Regional body mandate duration** [Period/Date]

**A.9.6 Form of organization:** [task force / consortium / regional programme /professional association / stand alone organization / other]

**A.9.7 Juridical status / Nomination of the legal representative** [Description / Name, Date]

**A.9.8 Establishment of the Coordination body / decision making mechanism** [Name, Description]

**A.9.9 Regional recognition** [Document, Date]

**B.9.10 Membership: number of organizations** [number]

**B.9.11 Membership: type of organizations** [Number of: Academic / Research / Industrial Organizations]

**B.9.12 Collaboration with NREN** [Yes (type of collaboration)/No]

**B.9.13 Regional Strategy document existence** (Yes (URL, Date of Establishment]/No)

**B.9.14 Adoption of other policy and technical management documents** (Type of document, Pointer to it, Date of Adoption)

**B.9.15 Adoption of NREGI policies: e.g. Operational procedures, Users AUP, security policies, Operational SLAs, VO SLAs** (Type of document, Pointer to it, Date of Adoption)

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**B.9.16 Do you have NGI or regional documentation guidelines, Available documentation of NGI best practices, and similar?** (gap analysis for EGI) Y (pls provider pointer) / N

**B.9.17 Do you have specific regional sustainable model in place?** Y (pls provider pointer) / N

**B.9.18 Do you have dedicated “regional” funding for this or you rely on funding from national-level institutions/NGIs?**

Regional / NGI-based / Mixed

**B.9.19 Please provide the breakdown of the regional funding.**

**B.9.19 Do you have specific regional sustainability plans?** Y (pls provider pointer) / N

**B.9.20 Please list regional projects that you are aware of, partners, funding body, and order of magnitude of funding.**

**B. NGI QUESTIONNAIRE – ONE PER COUNTRY / (leading Group if no NGI)**

For China, India, all African countries, (Iran, CA countries, Mongolia, and Pakistan etc), all LA countries separately, Australia, NZ, all countries from EUAsiaGrid.

**B.1. Infrastructure –**

**B.1.1. Number of Grid sites** [number]

**B.1.2. Number of CPU cores** [number]

**B.1.3. SPECT INT** [number]

**B.1.4. Memory per CPU core (mean?)**

**B.1.5. OnLine Storage size (disks)** [number in TB]

**B.1.6. Nearline Storage Space (Tape Systems)** [number in TB]

**B.2. Operational services**

**B.2.1. Certification authority** [Υes/Νo/use another’s]

**B.2.2. User registration** [Υes/Νo/use another’s]

**B.2.3. National VOs** (Number of disciplines, Number of VOs)

**B.2.4. List of core services deployed** (i.e VOMS, WMS, BDII, LFC, FTS, MyProxy)

**B.2.5. National portal** [Υes/Νo/use another’s]

**B.2.6. National helpdesk** [Υes/Νo/use another’s helpdesk]

**B.2.7. National monitoring** [Υes/Νo/use another’s]

**B.2.8. National SLA monitoring and national SLAs in place** [Υes/Νo/use another’s]

**B.2.9. National accounting** [Υes/Νo/use another’s]

**B.2.10. Registration database** [Υes/Νo/use another’s]

**B.2.11. National dashboard** [Υes/Νo/use another’s]

**B.3. User support services**

**B.3.1. Does your NGI have application Support/porting team**

[Υes/Νo/use another’s]

**B.3.2. Does your NGI have User Support team**

[Υes/Νo/use another’s]

**B.3.3.** **Is there a catch-all VO?**

[Υes/Νo/use another’s]

**B.3.4.** **Please list the training approaches that you use**

**etc**

**B.4. User communities – Rafa please expand according to WP3 needs**

**B.4.1. International (European and regional) VOs supported** [Number, list]

**B.4.2 International applications supported** [Number, list]

**B.4.3 National applications supported** [Number, list]

**B.4.4. Number of local users** [number of Users with grid certificates]

**B.4.5. Please list top 5 user communities in your NGI** (should provide drop-down list with pre-defined communities i.e. BioMed, etc. or statistics from the most used VO)

**B.4.6 Please elaborate which specific applications they run**

**B.4.7 Please elaborate which software they run**

**B.4.8 Is there a national database/list of applications that you maintain?**

**B.4.8. Is there a domestic and periodic call for offering the Grid infrastructure to different users or for forming accredited groups of users? If so, please provide the details**

**B.4.9. From previous work, CHAIN has identified possible candidates with a solid Grid experience for becoming supported VRC as a first step. According to that, could you provide a list of researchers working in the following areas:**

**B.4.10.a We-NMR (**[**http://tintin.chem.uu.nl/wenmr/**](http://tintin.chem.uu.nl/wenmr/)**). We are looking for researchers in the life science area, in particular structural biology, making use of NMR (Nuclear Magnetic Resonance), SAXS (Small Angle X-ray Scattering), computational modelling or other related techniques to study biomolecules. Since structural biology and all its associated techniques are widely spread around the world, we think that it is possible to find such contacts.**

**B.4.10.b WRF4G (**[**http://www.meteo.unican.es/es/software/wrf4g**](http://www.meteo.unican.es/es/software/wrf4g)**). The Weather Research and Forecasting (WRF) modelling system application is widely used by the meteorological agencies and many other groups Earth Science oriented. It is Grid version has increased the resources where tasks such as Idealized simulations, Regional and global applications, Parameterization and Data assimilation research or Forecast and hurricane research can be performed. We would like you to provide interested contacts.**

**B.4.11. Is there at your NGI some kind of VRC-oriented Work Package? If so, please provide the contact**

**B.5. Current EGI interoperation approaches - Ludek please expand according to WP4 needs**

Does your NGI have direct interface with EGI?

If yes, elaborate: interfaces with EGI (helpdesk / monitoring / user support, etc)

etc**B.6. Middleware –**

**B.6.1. Which middleware does your NGI run?**

**B.6.2. List the middleware available**

**B.6.3. List the specific middleware services your are currently running(we must limit this)**

**B.6.4 Is the middleware your have compatible with EGI Supported Middleware (gLite, ARC & Unicore)**

etc**B.7 Network**

**B.7.1 Do you have a International link?** [Yes, NO]

**B.7.2 To what International / Regional backbone is your NGI connected?**

**B.7.3 What is the bandwidth of your international / regional link?**

**B7.4 Do you have and International Link to GEANT ?** [Direct, Indirect, NO]

**B.7.4 What is the average bandwidth of your national network** (MAN)?

**B.7.5 What is the average bandwidth of the links to your GRID sites?**

etc

**B.8. Related technologies (e.g, clouds, hpc) – Roberto pls expand**

Does your NGI have a supercomputer above 5Tflops?

Does your NGI have cloud installations? Is any specific cloud software used?

etc

**B.9. NGI status and sustainability issues - Ognjen**

**B.9.1. National-level JRU established** [Yes [Date]/No]

**B.9.2. NGI established** [Yes [Date]/No]

**B.9.3. NGI initiating body** [Name, Type]

**B.9.4. NGI set-up document** [Description, URL]

**B.9.5. NGI mandate duration** [Period/Date]

**B.9.6 Form of organization:** [task force / consortium / national programme /professional association / stand alone organization / other]

**B.9.7 Juridical status / Nomination of the legal representative** [Description / Name, Date]

**B.9.8 Establishment of the Coordination body / decision making mechanism** [Name, Description]

**B.9.9 NGI recognition at the national level** [Document, Date]

**B.9.10 Membership: number of organizations** [number]

**B.9.11 Membership: type of organizations** [Number of: Academic / Research / Industrial Organizations]

**B.9.12 Collaboration with NREN** [Yes (type of collaboration)/No]

**B.9.13 National Strategy document existence** (Yes (URL, Date of Establishment]/No)

**B.9.14 Adoption of other policy and technical management documents** (Type of document, Pointer to it, Date of Adoption)

**B.9.15 Adoption of NREGI policies: e.g. Operational procedures, Users AUP, security policies, Operational SLAs, VO SLAs** (Type of document, Pointer to it, Date of Adoption)

**B.9.16 Do you have NGI documentation guidelines, Available documentation of NGI best practices, and similar?** (gap analysis for EGI) Y (pls provider pointer) / N

**B.9.17 Do you specific national sustainable model in place?** Y (pls provider pointer) / N

**B.9.18 Please provide the breakdown of the national funding.**

**B.9.19 Do you specific national sustainability plans?** Y (pls provider pointer) / N

**B.9.20 Please list national projects that you are aware of, partners, funding body, and order of magnitude of funding.**