

Questionnaire

The purpose of this questionnaire is to gain a better understanding of the XXXXX project and to capture the data communication network requirements of applications the collaborative research relies on.

Thank you for taking the time to provide us with this input.

A. Your details

Please provide us with your contact details.

Name:

Organisation:

Position:

Email:

Telephone:

B. Your research activity

In this section we would like you to briefly describe the project you are coordinating.

1. Please confirm the name of the project and outline its topic and main objectives.

Project Name:

Topic/Subject Area:

Objectives:

C. Your research tools/applications

In this section we would like you to outline the tools of research collaboration your project relies on. In particular, we would like to find out about the collaboration with your project partners in the [Specify countries/region].. Please sketch details where applicable.

1. Which of the following methods of communication do you use with fellow scientists/project partners who are not at the same institution?
(please tick as appropriate)

- | | |
|--------------------------|----------|
| • Audio conferencing | Yes / No |
| • Video conferencing | Yes / No |
| • Skype | Yes / No |
| • Wiki | Yes / No |
| • Email | Yes / No |
| • Other (please specify) | Yes / No |

2. Does your research collaboration with the project partners involve large file transfer over a data communication network?

Yes / No

If yes, can you specify what the typical size of such files is?

- | | |
|-------------------|-----------------------|
| • 1-50MB | <input type="radio"/> |
| • 50-100MB | <input type="radio"/> |
| • 100-250MB | <input type="radio"/> |
| • 250-500MB | <input type="radio"/> |
| • 500MB-1GB | <input type="radio"/> |
| • more than 1GB | <input type="radio"/> |
| • more than 10GB | <input type="radio"/> |
| • more than 100GB | <input type="radio"/> |

Which project partners have the most intensive data exchange?

3. Does your research rely on compute and data-intensive models and simulations?

Yes / No

If yes, please provide details.

4. Does your research require

- **geographically distributed data processing: Yes / No**
- **access to remote databases: Yes / No**
- **distribute computing systems: Yes / No**
- **collaboration with research institution/project across world: Yes / No**
- **some another remote applications (e.g. access to remote instrumentation sites etc.) : Yes / No**

D. Your network requirements

In this section we would like you to describe your network requirements and the facilities currently available to you to support the above applications/tools and to illustrate any limitations.

1. Which network parameters are important for your research? If possible, please describe these requirements in relation to specific applications.

a) Bandwidth [indicate if your application(s) is/are bandwidth-hungry]

b) Time-critical [indicate if the time delay between data being sent and received is important for a specific application]

c) Reliability [indicate if your application(s) require(s) a robust and resilient network able to accommodate outages and minimize downtimes]

d) Geographical scope [indicate whether pan-European and/or global connections are required]

e) Security [describe your requirements for security/privacy of data or resources]

f) Others [please specify]

2. Is your research currently limited by the available network facilities.

Yes / No

If yes, please provide details:

3. To what extent is your research collaboration with your project partners limited by the available network facilities

4. What changes, if any, would you like to see to enable your project to make more or better use of the network facilities?

5. Does your research involve collaboration between groups that come partially from the non-profit sector and partially from the commercial sector? If so, what problems are there as regards networking?

E. Research and Education Networks

In this section we would like to gauge your awareness/use of Research & Education Networks including the pan-European research network GÉANT. You can read an introduction to Research and Education Networks at: <http://www.geant.net/Network/RandE/Pages/home.aspx>

1. Are you aware of the [Enter Nationality] Research and Education Network, [Enter NREN Name]?

Yes / No

2. Before receiving this question, were you aware of the European Research and Education Network, GÉANT?

Yes / No

3. Are you currently using Research and Education Network connectivity for your project?

Yes / No / Not sure

If no, please provide reasons.