NGI H2020 Profile

**NGI Finland**

14-05-14

# Target user communities

* *Provide information here about the* ***top three*** *target international user communities (Research Infrastructures of the ESFRI roadmap, other international research collaborations and projects) that are part of your NGI strategic user engagement roadmap*
* *Provide information about how resources (data, storage,…) will be made available in your NGI to the community and according to which policy*

|  |  |
| --- | --- |
|  | Research Community/Project description (list in order of descending priority) |
| Community 1 | ELIXIR |
| Community 2 | EISCAT-3D |
| Community 3 | CLARIN |
|  |  |

# Resource provisioning for target communities

* *For each of the* ***top three*** *communities provide information on the resources that nationally will be available and the related policies and cost model, as applicable*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Compute and storage capacity currently available (or available in the future) to deal with the data growth** | **Access policy** | **Available funding or funding models (present and future)** | **What existing resources the e-infrastructures can offer, their current usage, the limitations and plans to deal with the data deluge** |
| **Community 1** | 3500 cores > 1.1 PB | Now project based but under development | National dedicated funding | IaaS and large amount of compute near storage. |
| **Community 2** | No dedicated resources | CSC general policy, ie. Scientific excellence | National funding | Compute and storage resources to satisfy future needs. |
| **Community 3** | Portal db services | Community membership | National dedicated funding | IaaS, PaaS, SaaS and storage (DB) |
| **Other communities** |  |  |  |  |

# User support skills

* *List and describe here your skills and user support competence that could be made available through a EGI Competence Centre with your participation as applicable*

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| --- | --- |
|  | User support skills and related technical and disciplinary areas |
| Training and education | CSC arranges about 100 training events for around 1000 participants per year in all aspects of scientific computing and IT for research. CSC leads the PRACE Advanced Training Centres. |
| Technical skills | The expertise at CSC spans over all aspects of computing, from energy efficient data centres and computer technologies to software development. |
| Discipline/user-specific skills | CSC has expertise in the areas of biosciences, chemistry, computational engineering, earth sciences, language research, mathematics and statistics, and physics (see http://research.csc.fi. |
| Other |  |

# Software development skills and experience

* *If interested in participating to software development/integration activities, list here the software development skills available in the organizations from your NGI and the experience*

|  |  |
| --- | --- |
| Skill | Description |
| Skill 1 | To be completed… |
| Skill 2 |  |
|  |  |
|  |  |