List of projects under consideration, requiring Distributed Computing, to be contacted for „Scientific Case” contribution

**ESFRI projects**

based on the “ESFRI Strategy Report on Research Infrastructures, Roadmap 2010”, [www.ec.europa.eu/research/esfri](http://www.ec.europa.eu/research/esfri) (with some corrections)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project** | **Coordinator country and/or leading scientist** | **Number of participating countries** | **Status****(first possibile operations)** | **Contact person within EGI** | **Recommended by** | **#** |
|  |  |  |  |  |  |  |
| **Social Sciences and Humanities** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **CLARIN (Research infrastructure to make language resources and technology available and useful to scholars of all disciplines)** | **The Netherlands** | **26** | **Likely to start end 2012** | **A.van Rijn (The Netherlands)** | **A. van Rijn****J. Koster****(DASISH)** | **1** |
| **DARIAH (Digital infrastructure to study source materials in cultural heritage institutions)** | **The Netherlands** | **10** | **Likely to start end 2012** | **A.van Rijn (The Netherlands)** | **A. van Rijn****J. Koster (DASISH)** | **2** |
|  |  |  |  |  |  |  |
| **Environmental Sciences** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **EISCAT\_3D (Upgrade of the EISCAT facility for ionospheric and space Feather research)** | **Sweden** | **5** | **Likely to start end 2012** | **J.Koster (Sweden)** | **J. Koster (ENVRI)****M. Turala** | **3** |
| **EMSO (Multidisciplinary Seafloor Observatory)** | **Italy** | **12** | **2014** | **L. Gaido (Italy)** | **L. Gaido** | **4** |
| **LIFEWATCH (Infrastructure for research on the protection, management and sustainable use of biodiversity)** | **Spain** | **20** | **Likely to start end 2012** | **I.Campos (Spain)** | **I. Campos****J. Koster** | **5** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Biological and Medical Sciences** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **ELIXIR (Upgrade of the European Life-science infrastructure for biological information)** | **EMBL** | **14** | **From 2012 onwards** |  | **L. Matyska****J. Koster (BioMedBridges)** | **6** |
| **EuroBioImaging (Research infrastructure for imaging technologies in biological and biomedical sciences)** | **EMBL** | **17** | **From 2013 onwards** |  | **M. Turala** | **7** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Physical Sciences and Engineering** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **CTA (Cerenkov Telescope Array for Gamma-ray astronomy)** | **Italy** | **14** | **~2019** | **L. Gaido (Italy)** | **L. Gaido****M. Turala** | **8** |
| **FAIR (Facility for Antiproton and Ion Research)** | **Germany** | **14** | **In the implementation phase** |  | **M. Turala** | **9** |
| **SPIRAL2 (Facility for the production and study of rare isotope radioactive beams)** | **France** |  | **In the implementation phase** |  | **G. Romier****M. Turala** | **10** |
|  |  |  |  |  |  |  |

**List of other projects/ communities,**

with whom EGI has signed MoUs or crated VRCs: <http://www.egi.eu/community/vrcs/>, <https://wiki.egi.eu/wiki/Overview_of_Virtual_Team_projects>,

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Project** | **Field** | **Coordinator country and the leading scientist** | **Number of participating countries** | **VRC (MoU)** | **Contact person within EGI** | **Recommended by** | **#** |
|  |  |  |  |  |  |  |  |
| **WeNMR (A worldwide e-Infrastructure for NMR and structural biology)** | **Structural biology** | **A.Bonvin** |  | **2011** | **A.van Rijn?/ L.Gaido** | **L. Gaido****M. Turala** | **1** |
| **LSGC (Life Science Grid Community)**  | **Life sciences**  | **France** |  | **2011** | **Tristan Glatard** | **G. Romier** | **2** |
| **CLARIN (ESFRI)** | **Humanities** | **The Netherlands** | **26** | **2011** | **A.van Rijn** | **A. van Rijn****J. Koster** |  |
| **DARIAH (ESFRI)** | **Humanities** | **The Netherlands** | **10** | **2011** | **A.van Rijn** | **A. van Rijn****J. Koster** |  |
| **WLCG (Worldwide LHC Computing Grid)** | **Physics** | **CERN****(I.Bird)** | **~50** | **2012** | **D.Foster**  | **M. Turala** | **3** |
| **Fusion-ITR** | **Energy** | **Spain (F.Castejon )** |  |  | **I.Campos** | **I. Campos** | **4** |
| **COMPCHEM** | **Chemistry** | **Italy** **(A.Lagana)**  |  |  | **L.Gaido** | **L. Gaido** | **5** |
| **Auger**  | **Physics** | **Spain** **(U. Granada)** |  |  | **I.Campos** | **I. Campos** | **6** |
| **VPH (Virtual Physiological Human)** | **Biomedical**  | **UK** **(U. Sheffield)** |  |  |  | **M. Turala** | **7** |
| **VT CTA (ESFRI)** | **Physics** | **Italy** |  |  | **Claudio Vuerli/ L.Gaido** | **L. Gaido****M. Turala** |  |
| **VT ELIXIR (ESFRI)** | **Biomedical** | **EMBL** |  |  | **Pawel Fibich/ L.Matyska** | **L. Matyska****S. Newhouse****J. Koster** |  |