**EGI-InSPIRE**

Staged Rollout template for Early Adopters

**EGI TSA1.3 template**

|  |  |
| --- | --- |
| Document identifier: | ea-NGI\_IBERGRID-LIP-Coimbra-EMI1-wn-1.0.0.0.docx |
| Date: | 27-01-2011 |
| Activity: | **TSA1.3** |
| Lead Partner: | **EGI.eu** |
| Document Status: | **FINAL** |
| Dissemination Level: | **PUBLIC** |
| Document Link: | https://documents.egi.eu/document/254 |

|  |
| --- |
| AbstractTemplate to be filled by Early Adopter teams doing staged rollout of components on behalf of EGI task TSA1.3 |

1. Copyright notice

Copyright © Members of the EGI-InSPIRE Collaboration, 2010. See www.egi.eu for details of the EGI-InSPIRE project and the collaboration. EGI-InSPIRE (“European Grid Initiative: Integrated Sustainable Pan-European Infrastructure for Researchers in Europe”) is a project co-funded by the European Commission as an Integrated Infrastructure Initiative within the 7th Framework Programme. EGI-InSPIRE began in May 2010 and will run for 4 years. This work is licensed under the Creative Commons Attribution-Noncommercial 3.0 License. To view a copy of this license, visit http://creativecommons.org/licenses/by-nc/3.0/ or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, and USA. The work must be attributed by attaching the following reference to the copied elements: “Copyright © Members of the EGI-InSPIRE Collaboration, 2010. See www.egi.eu for details of the EGI-InSPIRE project and the collaboration”. Using this document in a way and/or for purposes not foreseen in the license, requires the prior written permission of the copyright holders. The information contained in this document represents the views of the copyright holders as of the date such views are published.

1. Delivery Slip

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **Partner/Activity** | **Date** |
| **From** | Mario David | LIP/TSA1.3 | 12 Nov. 2010 |
| **Reviewed by** | **Moderator:** **Reviewers:**  |  |  |
| **Approved by** | AMB & PMB |  |  |

1. Document Log

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Date** | **Comment** | **Author/Partner** |
| 1 | 12 Nov. 2010 | First draft | Mario David/LIP |
| 2 | 27-01-11 | 3rd version: naming convention change from “SW rollout” to “staged rollout” | Mario David/LIP |
| 3 |  |  |  |

1. Application area

This document is a formal deliverable for the European Commission, applicable to all members of the EGI-InSPIRE project, beneficiaries and Joint Research Unit members, as well as its collaborating projects.

1. Document amendment procedure

Amendments, comments and suggestions should be sent to the authors. The procedures documented in the EGI-InSPIRE “Document Management Procedure” will be followed:
<https://wiki.egi.eu/wiki/Procedures>

1. Terminology

A complete project glossary is provided at the following page: <http://www.egi.eu/about/glossary/>.

1. PROJECT SUMMARY

To support science and innovation, a lasting operational model for e-Science is needed − both for coordinating the infrastructure and for delivering integrated services that cross national borders.

The EGI-InSPIRE project will support the transition from a project-based system to a sustainable pan-European e-Infrastructure, by supporting ‘grids’ of high-performance computing (HPC) and high-throughput computing (HTC) resources. EGI-InSPIRE will also be ideally placed to integrate new Distributed Computing Infrastructures (DCIs) such as clouds, supercomputing networks and desktop grids, to benefit user communities within the European Research Area.

EGI-InSPIRE will collect user requirements and provide support for the current and potential new user communities, for example within the ESFRI projects. Additional support will also be given to the current heavy users of the infrastructure, such as high energy physics, computational chemistry and life sciences, as they move their critical services and tools from a centralised support model to one driven by their own individual communities.

The objectives of the project are:

1. The continued operation and expansion of today’s production infrastructure by transitioning to a governance model and operational infrastructure that can be increasingly sustained outside of specific project funding.
2. The continued support of researchers within Europe and their international collaborators that are using the current production infrastructure.
3. The support for current heavy users of the infrastructure in earth science, astronomy and astrophysics, fusion, computational chemistry and materials science technology, life sciences and high energy physics as they move to sustainable support models for their own communities.
4. Interfaces that expand access to new user communities including new potential heavy users of the infrastructure from the ESFRI projects.
5. Mechanisms to integrate existing infrastructure providers in Europe and around the world into the production infrastructure, so as to provide transparent access to all authorised users.
6. Establish processes and procedures to allow the integration of new DCI technologies (e.g. clouds, volunteer desktop grids) and heterogeneous resources (e.g. HTC and HPC) into a seamless production infrastructure as they mature and demonstrate value to the EGI community.

The EGI community is a federation of independent national and community resource providers, whose resources support specific research communities and international collaborators both within Europe and worldwide. EGI.eu, coordinator of EGI-InSPIRE, brings together partner institutions established within the community to provide a set of essential human and technical services that enable secure integrated access to distributed resources on behalf of the community.

The production infrastructure supports Virtual Research Communities (VRCs) − structured international user communities − that are grouped into specific research domains. VRCs are formally represented within EGI at both a technical and strategic level.

Fill the “grey” fields.

|  |  |
| --- | --- |
| NGI | IBERGRID |
| Site Name | LIP-Coimbra |
| EA team names | Miguel Oliveira, Henrique Matos |
| EA team contacts | grid.admin@coimbra.lip.pt |
| Component | emi-wn | Version | V1.0.0 | RT/Savannah ID | <https://rt.egi.eu/rt/Ticket/Display.html?id=2314> |

The “outcome” each metric is one of: OK, WARN, FAIL, NA (Not Aplicable)

|  |  |  |
| --- | --- | --- |
| **Metric** | **<OK|WARN|FAIL|NA>** | **Comment** |
| Release notesand otherdocumentation | OK |  |
| Installation orupgrading | OK |  |
| (RE-)configuration | OK |  |
| Functionality | OK |  |
| SAM/Nagios/Gstator any othermonitoring framework |  |  |
| Interaction integrationwithother components | OK |  |
| Behavior inproduction environment(after a few days) |  | Not yet in production |