



EGI-InSPIRE

STAGED ROLLOUT TEMPLATE FOR EARLY ADOPTERS

EGI TSA1.3 template

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Abstract

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



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II. DELIVERY SLIP

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

III. DOCUMENT LOG

Issue	Date	Comment	Author/Partner
1	12 Nov. 2010	First draft	Mario David/LIP
2	27.01.11	3 rd version: naming convention change from “SW rollout” to “staged rollout”	Mario David/LIP
3			

IV. 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.

V. 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>

VI. TERMINOLOGY

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



VII. 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	NGI_PL				
Site Name	ICM, UWAR				
EA team names	Rafal Kluszczynski				
EA team contacts	klusi@mat.umk.pl				
Component	unicore-hila	Version	2.4.0	RT/Savannah ID	5223

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

Metric	<OK WARN FAIL NA>	Comment
Release notes and other documentation	OK	Added file CHANGELOG with list of changes.
Installation or upgrading	OK	No problems.
(RE-)configuration	OK	
Functionality	OK	Works fine.
SAM/Nagios/Gstat or any other monitoring framework	NA	
Interaction integration with other components	OK	Contact easily with latest UNICORE servers and services.
Behavior in production environment (after a few days)	OK	No problems.