

EGI-InSPIRE

SITE REGISTRATION SECURITY POLICY

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Policy Statement

This policy defines a set of security-related responsibilities placed on the Grid implementing a procedure to register a Site with the Grid, and on the Site and its managers.



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II. DELIVERY SLIP

	Body	Date
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III. DOCUMENT LOG

Issue	Date	Comment	Author/Organization
1.0	13/07/2010	Imported from JSPG policy document with the same title. The only changes to wording are updated links to other documents. See https://edms.cern.ch/document/503198 (V3.2a, dated 16 May 2010) for the old JSPG document.	David Kelsey/STFC
2.0			
3.0			
4.0			



IV. 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 the 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 the ESFRI projects. 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 – structured international user communities – that are grouped into specific research domains. VRCs are formally represented within EGI at both a technical and strategic level.



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1 SITE REGISTRATION SECURITY POLICY – INTRODUCTION

This policy defines a set of security-related responsibilities placed on the Grid implementing a procedure to register a Site with the Grid, and on the Site and its managers. All terms are defined in the Glossary (<https://documents.egi.eu/document/71>).

2 SITE REGISTRATION REQUIREMENTS

To satisfy Grid security requirements a Site registration procedure must capture and maintain at least the following information:

1. The full name of the Site.
2. An abbreviated name of the Site, which must be unique within the Grid, and preferably globally unique.
3. The name, email address and telephone number of the Site Manager and Site Security Contact in accordance with the requirements of the Site Operations Policy (<https://documents.egi.eu/document/75>).
4. The email address of a managed list for contact with Resource Administrators at the site.
5. The email address of a managed list for contact with the site security incident response team.
6. A signed copy of the Site Operations Policy (<https://documents.egi.eu/document/75>).

If a Site wishes to leave the Grid or the Grid decides to remove the Site, the registration information must be kept by the Grid for at least the same period defined for logging in the Traceability and Logging Policy (<https://documents.egi.eu/document/81>). Personal registration information of the Manager and Security Contact of the Site leaving the Grid must not be retained for longer than one year.

Review and acceptance procedures and any operational requirements should be documented in a Grid-specific document describing the implementation of the Site Registration Procedure.