



On the Transition to EGI

1. The conclusions of the EGI_DS WP3 workshop in Rome, March 2008, included a statement that the goal is to provide: “*A large-scale, production Grid infrastructure – built on National Grids that interoperate seamlessly at many levels, offering reliable and predictable services to a wide range of applications, ranging from “mission critical” to prototyping and research.*”
2. In addition, the EGEE III work-plan includes the goal of “*migration to the EGI structures...*”
3. Furthermore, the EGI_DS DoW includes the following goals:
 - a. **Build on the experience and successful operation of EGEE and related projects**
 - b. **Make EGI operational before EGEE III ends.**
4. These needs are clearly essential for a number of large-scale application communities that not only use Grid resources in production on a daily basis, but were also instrumental in arriving at today’s level of production Grid infrastructure.
5. It is important to note that such communities have implemented large Operations and Application Support infrastructures that build on those provided by the underlying Grids to meet the specific needs of the communities that they serve. Such infrastructures will not only be needed in the future, but must also adapt to whatever changes occur in the underlying Grids. Again, such changes must be non-disruptive and timely.
6. A further outcome of the Rome workshop is the proposal by the EGI_DS MB to produce a “*portfolio of operations services that NGIs may decide to buy into*”.
7. Given the above and the fact that – by construction – EGI_DS does not provide Grid services today, the only feasible solution is for EGI_DS to engage immediately and enthusiastically with not only production Grid service providers but also their (key?) user communities.
8. As such, the “*portfolio of services*” must be based on those of existing operational Grids, building on existing knowledge, experience and directions, such as the EGEE Operations Cookbook and equivalent documents from other production Grids.
9. If it is to have a chance of succeeding on time, this work must commence immediately and must be reflected in – i.e. an important element of – the June EGI_DS workshop. The work-plan for migration to the EGI environment must be well advanced by the time of the EGEE’08 conference. It must be followed proactively by all parties involved through-out the definition and execution of the work-plan, with joint responsibility from all stake-holders.
10. For WLCG, the environment that will be used for 2010 data taking and processing must be in place no later than Q3 2009 – this has clear implications on the above. Furthermore, stability during the 2009 data taking and reprocessing period is required.