



Enabling Grids for E-scienceE

# Romanian SA1 report

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- **What has been done by Romanian SA1 until now**
- **Current situation**
- **Future plans**
- **Questions/issues**
- **Regional helpdesk report**

- **Assign people to be involved in each SA1 activity on which Romanian ROC participates.**
  - Create the teams for each task
- **4 new sites registered in EGEE**
  - EGEE SLA/SLD conformance by new sites requested
  - SLA/SLD was distributed to all 3<sup>rd</sup> parties for agreement
  - Include new WLCG sites (RO-12-ICI, RO-13-ISS, RO-14-ITIM)
- **Core services deployment**
- **1 TPM team: primary and back-up shifts**
- **Regional helpdesk maintenance**
- **Local monitoring and operational support**
- **Hardware upgrades for sites (RO-03-UPB and others)**

- **14 sites registered: 7 in production, 4 in certification and 3 not active**
  - ~1000 CPUs and ~100 TB storage
- **Almost complete gLite3.1 stack deployed by Romanian sites**
- **RomanianGRID CA has a vast RA network across the country**
- **Gridmosi.ici.ro created as national VO, and is supported by part of Romanian sites**
- **8 sites are also part of WLCG(Romanian Tier 2 Federation)**
  - Very strong HEP support and user communities
  - Resources are allocated mostly to HEP VOs
- **Virtualization used for grid services consolidation**

- **Infrastructure upgrade: national bid for projects to create/upgrade grid sites that are part of international infrastructures like EGEE and SEE-GRID-SCI(2 years timeframe)**
- **National monitoring and operational support**
- **Deploy new applications in order to increase local usage of the infrastructure. Contact new users.**

- **Under-utilization of resources by local users (other than HEP).**
  - Weak user communities. What do do?
- **Follow SEE registration procedure to register new sites that not part of EGEE or WLCG consortiums?**
  - Open to register in EGEE infrastructure to any site?
- **How will be SLA/SLD enforced?**

- **Current work in progress is merging ROC SEE and SEE-GRID-SCI helpdesks**
  - Create a new structure which should contain both helpdesk accounts and tickets: merge country support groups from both helpdesks to include all sites from both projects.
  - Rework all the changes made to the original Oneorzero app. (both ROC SEE and SEE-GRID-SCI customizations)
- **There is a need to update the structure of specialized support groups and supporters who are part of them.**
  - First level of support (like TPM in GGUS): reassign tickets, monitor open tickets.
  - Use new task groups and new task categories (operation, user support)
  - Task manager(supporter) project: EGEE, SEE-GRID-SCI
  - Task manager VO
- **Helpdesk statistics: analyze requirements**
- **GGUS interface and synchronization**

- **Use Trac for any further development**
  - start from latest Onerorzero release under GPL
- **Test version deployed: <https://test.grid.ici.ro>**
- **SEE-GRID-SCI JRA1 tool**
  - NoMercy TT: <http://nomercy.grid.ici.ro>