



Enabling Grids for E-science

Status of Northern Europe ROC

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- **NE-ROC covers sites many countries and sites:**
- **Benelux part:**
 - Netherlands – SARA, FOM-NIKHEF, RUG
 - Sites: all of above, Philips Research and 6 more for Life Science Grid at uni-hospitals
 - Belgium
 - Sites: Gent, ULB/VUB, Leuven,
- **Northern part:**
 - Denmark
 - Sweden
 - Norway
 - Finland
 - And a special relationship with Baltic Grid (Estl, Let, Lith)
- **2 federation operating as a single (very) distributed ROC, sharing responsibilities**

- **Belgium, BE-GRID project continues coming years universities and regional contribution**
- **Netherlands, BIG-GRID (-2011, 28 M€, National funding)**
 - 5 M€ application support
 - 4 M€ super computing
 - 19 M€ hardware, operations and manpower including computation, storage and grid services

- **Improve local support at the national level**
 - Monitoring at the national level
- **Improve response times even further (GGUS as primary Trouble Ticket system for NE-ROC already)**
- **Implementation of SLD with the sites (try to connect with funders)**
- **Get sites actively involved (active monitoring and prompt responses)**

- COD and TPM are new to NE-ROC, will need to invest time in the learning curve
- Big boost in computing and Storage for HEP-Tier-1 and other communities, any Operational Automation will be useful.

Misc:

- Enhancement to GOCDB information: separate addresses for broadcasts (informative) and real trouble tickets. This is on the list of requests, but a high priority would be appreciated
- Due to distributed nature of NE-ROC it looks unlikely that this ROC will just transit to EGI, split up likely.