



Enabling Grids for E-scienceE

# NE Benelux federation ROC model

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[www.eu-egee.org](http://www.eu-egee.org)



- **Two NGIs**
  - BEgrid (Belgium)
    - 4 sites
  - BigGrid (Netherlands)
    - 12 sites (will expand with 6 sites this year)
- **BEgrid and BigGrid will continue to cooperate until at least one year after EGI has started.**
  - BiGGrid will perform the ROC duties of the Benelux region

- **Operation of tools**
  - GOCDB
    - The GOCDB setup as it is at the moment works fine for us. For the time being we will stay a “region 2”-type region.
  - We will:
    - *provide regional NGI (nagios) monitoring and push data to central repository*
    - *run a regional dashboard when it is available*
      - We take part in R-COD (ROD) and C-COD at the moment and will continue to do this
    - *deploy messaging system backbone if desired*
    - *publish accounting data to central db*

- **User support**

- Helpdesk

- Both BigGrid (support@biggrid.nl) and Begrid (begrid@belnet.be) have a helpdesk but they do not interface with GGUS. We do not intend to do that in the future.
    - Use GGUS directly
    - Users from VOs based in the Netherlands contact the helpdesk of SARA or NIKHEF directly or can contact the BigGrid Helpdesk
    - Users from international VOs contact us the same way or through GGUS

- Triage, monitoring and escalation
  - We are doing this and continue to do this
  - Concern: This setup does not scale with increasing number of tickets. Maybe in the future need to have NGI TPMs looking after tickets originating in their own region and a central organisation overseeing the timely handling of tickets. Something like the R-COD, C-COD approach.

- **Security**
  - Development and maintenance of security policies and procedures
    - We are involved in this now and continue with this
  - Coordination of all aspects of operational security
    - We are involved in this now and continue with this

- **Other international tasks**
  - Coordination of m/w deployment and support
    - Not involved in this activity and this will stay that way
  - Operation of pilot/pre-production services
    - No involvement
  - Resource allocation and brokering support for VOs from NGIs
    - We are not sure if the top down approach as suggested in the “Mapping of EGEE SA1 tasks into EGI” documents really works. VOs can start nationally or regionally getting resources from their NGI. NGIs can negotiate resources for their VOs with other NGIs. This can be coordinated by EGI.org. Both BigGrid and BEgrid are willing to participate in this.

- Interoperations between NGL's and other grids
  - Not involved in this activity and this will stay that way
  
- Definitions of best practices, operations procedures, operations requirements
  - We will participate in this
  
- Monitoring and enforcement of SLAs
  - We will do this