



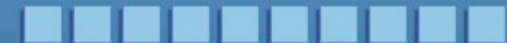
BalticGrid - NGLs

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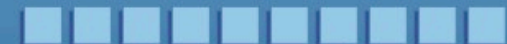
- Three Baltic States - Estonia, Latvia, Lithuania - were stimulated by the activities of Balticgrid and established grid initiatives Estonian Grid, Latvian Grid, Lithuanian Grid

LitGrid (**Lithuania**) exposes all the features of NGI: it is state financed, it unites all active grid players of the state, it has resources dedicated and deployed, it is involved in a few research programs using grid technology

Currently Grid initiatives in **Latvia** are carried out in three major institutes

Ongoing discussions on the organisational form to continue NGI
Best option - “Advisory board” where all institutions are represented – under discussion

In **Estonia** the major sites work closely together, consider themselves a de facto NGI, something that need to be formalized.



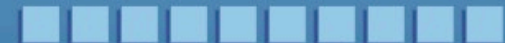


NGI Creation Best Practices - LitGrid

BalticGrid Project

How the LitGrid started:

- the conference on grids and their infrastructure, October 2004, at Vilnius University:
- EGEE, CrossGrid, SweGrid, NorduGrid, BioGrid, HellasGrid, etc. were introduced, as well as main concepts of grid computing were explained
- major universities and research institutes of Lithuania started to discuss grid computing and the usage for the research and studies
- the list of potential applications for grid computing was compiled

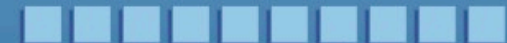




NGI Creation Best Practices - LitGrid

How the LitGrid started (cont.)

- BalticGrid project, which started at Nov. 2005, stimulated further activities and events
- the LitGrid project was formulated and financed by Lithuanian NSF, for 2 years (ended December 2006)
- LitGrid Program, for years 2007-2012, is signed and financed by government
- LitGrid program is also a home for such programs like Lithuania-CERN partnership, for Lithuania-ITER joint research, for research programs like GridTechno

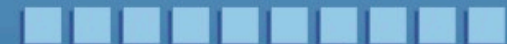




NGIs - Latvia

BalticGrid Project

- Funding for project “Grid research environment: theory, methods, applications”
 - To deploy and integrate clusters
 - To survey national Grid user needs
 - To solve problems they have
- Funding for 2 years (until August 2008), realization at IMCS UL
- Letter of Support from the Ministry of Education – to participate in the EGI activities
- Responsible person – IMCS UL Executive director – Inara Opmane

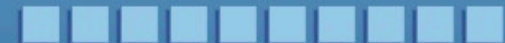




NGI Creation Best Practices - Latvia

BalticGrid Project

- Currently Grid initiatives in Latvia are carried out in:
 - Institute of Mathematics and Computer Science, University of Latvia
 - Riga Technical University
 - Institute of Solid State Physics, University of Latvia
- Ongoing discussions on the organisational form to continue NGI
- Best option - “Advisory board” where all institutions are represented – under discussion

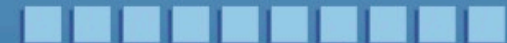




NGI and Infrastructure Development - LitGrid

BalticGrid Project

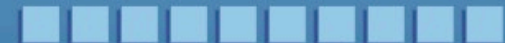
- ***Rec3: Use NGI as the centre of gravity and driver for infrastructure expansion.***
- LitGrid includes as partners all universities and research institutions willing to use grid technology, evaluates necessity/interaction of VOs, helps them to include clusters into grid infrastructure, provides information for scientists how to cooperate with other European grids
- LitGrid offers support for developing or deploying applications for various scientists, even the lonely ones, including doctoral and master students





Relations with EGI

- **Rec16: Regional Projects should have an active joint voice in EGI proposal/project formulation – a member of regional projects might be considered as part of EGI task force.**
- *Since the related projects have very similar strategy towards Grid deployment, operations, applications and NGLs, a joint representative in EGI project proposal would be a good solution for having a common voice in formulation of longer-term Grid organizational strategies. This should be endorsed by current EGI proposal preparation team and the EC.*
- Lithuania: LitGrid is participating actively in EGI, attending workshops, exchanging information, submitting comments and ideas
- Latvia: Letter of Support from the Ministry of Education – to participate in the EGI activities. Responsible person – IMCS UL Executive director – Inara Opmane
- Received a LoS from the EGI for the second phase of BalticGrid. Invited to participate with the EGI-DS **through the NGLs**

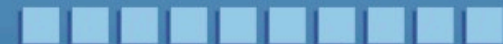




Relations with the Industry

BalticGrid Project

- Latvia:
 - Work in progress – development of the strategy to start Competence center in Latvia
 - Responsible – Ministry of Economics
 - IMCS UL responsible for Grid related research in the Competence center – according to the needs of the industry
 - Deadline – 15 December 2007





Issues, ongoing work

- Need to understand the process of how to formalize the NGIs to be accepted by the EU commission.