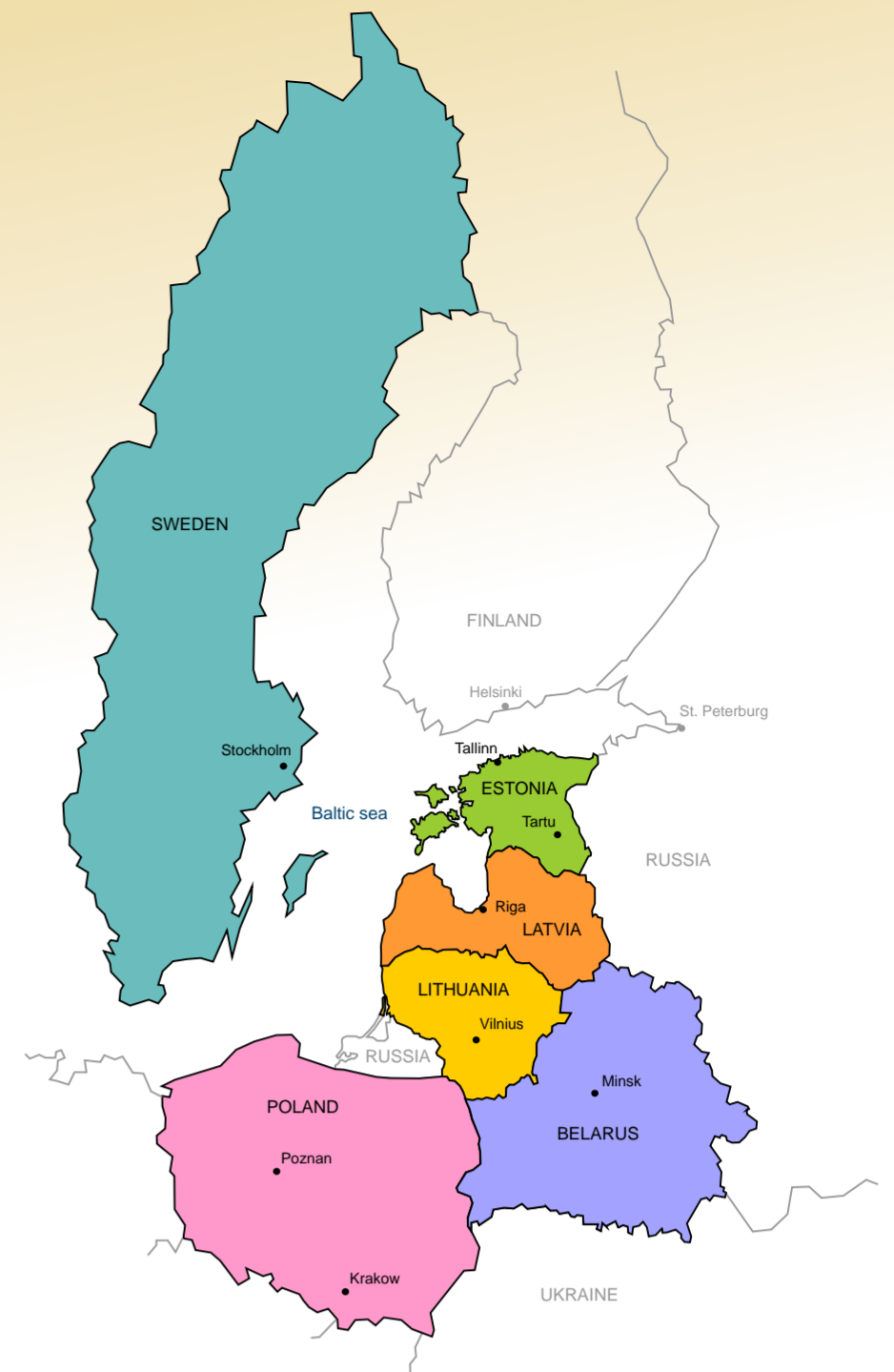




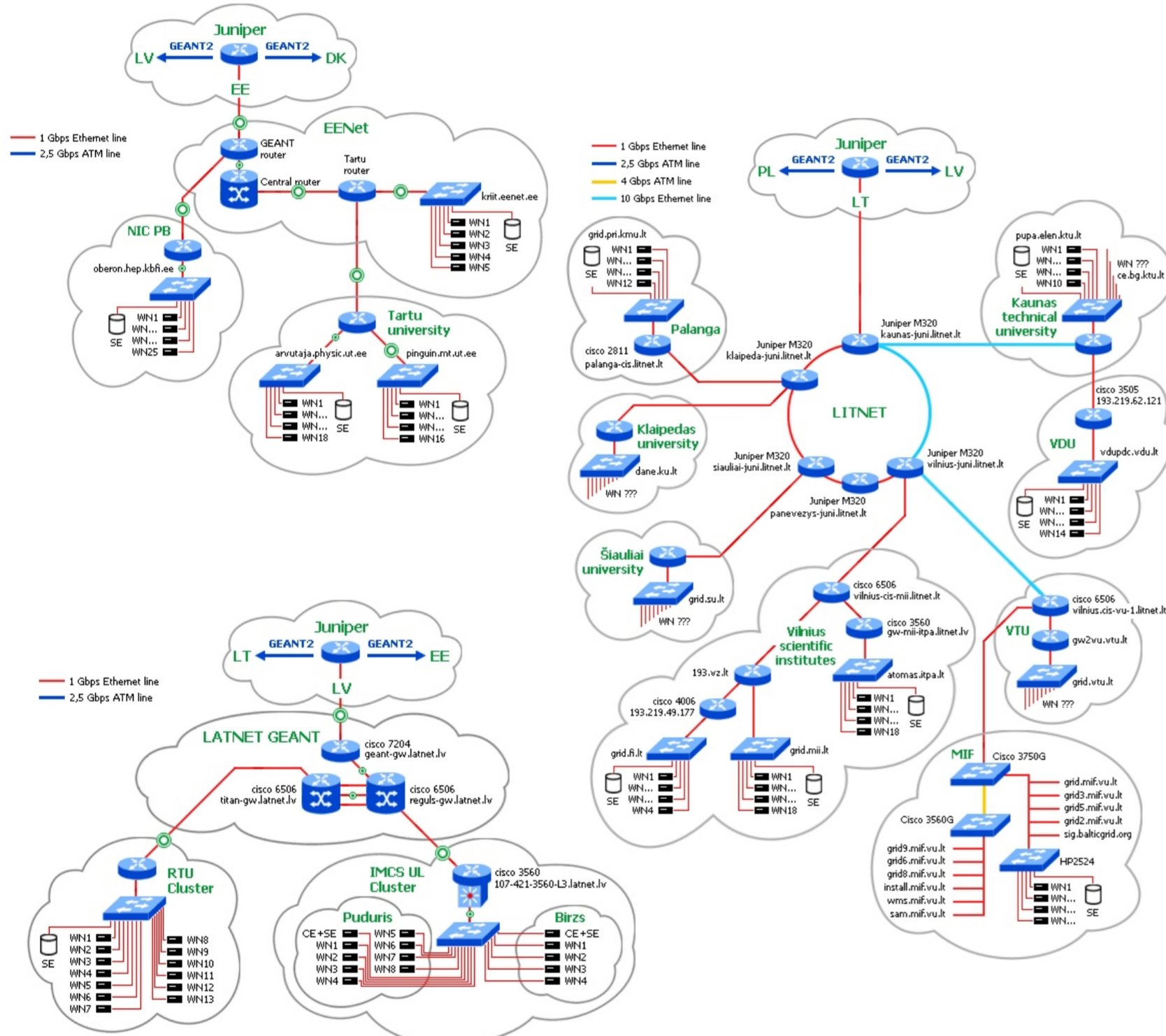
BalticGrid-II

Project Partners:

- Royal Institute of Technology in Stockholm, Sweden
- EENet, Estonian Educational and Research Network, Tartu, Estonia
- National Institute of Chemical Physics and Biophysics, Tallinn, Estonia
- Institute of Mathematics and Computer Science, University of Latvia, Riga, Latvia
- The Henryk Niewodniczanski Institute of Nuclear Physics, Polish Academy of Sciences, Cracow, Poland
- Poznan Supercomputing and Networking Center, Poznan, Poland
- Vilnius University, Vilnius, Lithuania
- Riga Technical University, Riga, Latvia
- Institute of Theoretical Physics and Astronomy of Vilnius University, Vilnius, Lithuania
- The European Organization for Nuclear Research, Geneva, Switzerland
- Belarus National Technical University, Minsk, Belarus
- United Institute of Informatics Problems of National Academy of Sciences of Belarus, Minsk, Belarus



Network Monitoring



Activities:

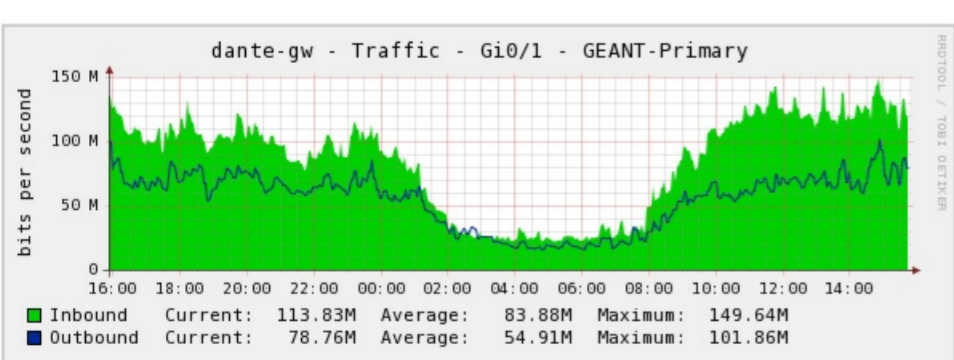
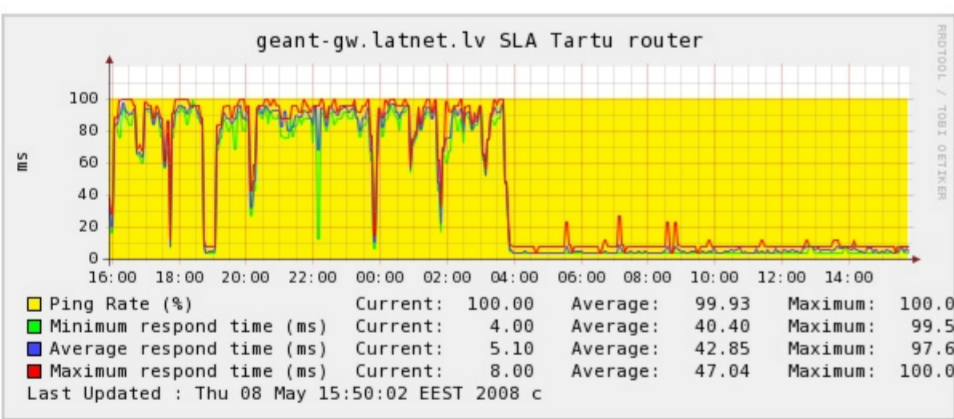
- Na1 Management of the Project
- NA2 Education, Training, Dissemination and Outreach
- NA3 Application Identification and Collaboration
- NA4 Policy and Standards Development
- SA1 Grid Operations
- SA2 Network provisioning
- SA3 Application Integration and Support
- JRA1 Enhanced Application Services on Sustainable Infrastructure

Service Level Agreements

SLAs consist of two parts:

- 1) **General provisions** – this part sets out the substantive clauses setting out the legal basis for the cooperation between NREN and the BalticGrid project. These provisions also serve as guidelines to the interpretation of the specific provisions of the Agreement;
- 2) **Specific provisions** - technical service parameters which are offered and/or can be ordered

BalticGrid Infosite:



The network monitoring system <http://gridimon.balticgrid.org> is used by site administrators of the BalticGrid project to monitor all the necessary parameters of network links. This information is useful for providing stable network performance and for timely identification of possible problems.

BalticGrid Infosite

Available resources | Stress tests | Software environment | VOs

RTUETF

For users | For admins

Computing Element(s)

CE queue	Jobs in queue(R/W)	CPU Time	Wall Time	VO Jobs(R/W)
ce01.grid.etf.rtu.lv	0/0	2880	4320	ops
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-ops	0/0	2880	4320	game
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-games	0/0	2880	4320	game
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-cms	0/0	2880	4320	cms
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-balticgrid	10/0	2880	4320	balticgrid
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-bit	0/0	2880	4320	bit
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-hcb	0/0	2880	4320	hcb
ce01.grid.etf.rtu.lv:2119/jobmanager-pbs-bgtut	0/0	2880	4320	bgtut

Sub-Cluster details

Sub-Cluster name	ce01.grid.etf.rtu.lv	Software	Scientific Linux CERN 3.0.8
OS	Scientific Linux CERN 3.0.8	Common	VO-balticgrid
CPU	AuthenticAMD AMD Opteron(tm) Processor 146 2010 MHz	VO-balticgrid	VO-bgtut
Free CPU(s)	10 of 30	VO-balticgrid	VO-hcb
CPU load	10	VO-balticgrid	VO-ops
Benchmark	1370		
Memory [Mb]	1024		
Applications Directory	/opt/enc_soft		

Storage Element(s)

dm01.grid.etf.rtu.lv	gifsftp://dm01.grid.etf.rtu.lv
gifsftp endpoint	2811
gifsftp port	2811

To facilitate the needs of the BalticGrid cluster administrators all monitoring data about the BalticGrid resources are consolidated. The consolidated information page provides compact overview of data about the CPU load, job queues and cluster and network utilisation and other parameters.

Contact us

Project Director (PD):
Ake Edlund, KTH
e-mail: edlund@nada.kth.se

Operations Director, Security Head:
Mario Kadastik, NICPB
e-mail: mario.kadastik@cern.ch

Network Manager (NM):
Guntis Barzdins, IMCS UL
e-mail: guntis@sigmanet.lv

Baltic Grid Supporte-mail:
support@balticgrid.org

