

Baltic Ring Update

Lars Fischer
Senior Officials Meeting
Copenhagen, 8 December 2011

NORDUnet

Nordic infrastructure for Research & Education

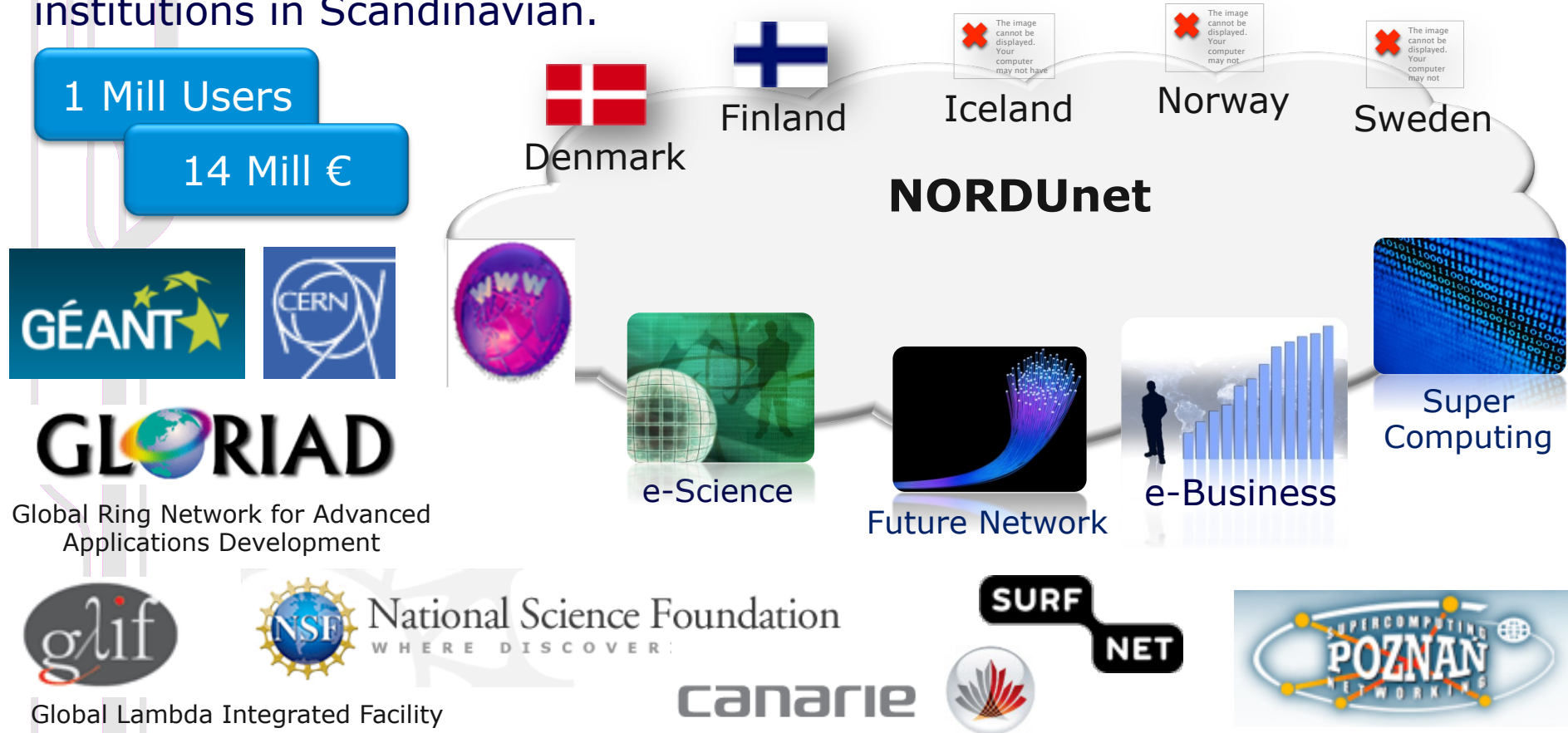
NORDUnet

Is the Nordic Infrastructure for Research and Education providing the Nordic backbone to the Global Infrastructure for Research and Education.

NORDUnet is the result of the NORDUNET program (1985 to 1991) financed by the Nordic Council of Ministers.



Danish limited company owned by the governments or government institutions in Scandinavian.



- It is the Vision of NORDUnet to be the:
"NORDIC Infrastructure for Research and Education"
- NORDUnet shall provide a common world-class network infrastructure, services, support and collaboration platform for the Nordic NRENs and research and education community.
- NORDUnet shall likewise facilitate other common eInfrastructure as requested by the Nordic national eInfrastructure stakeholders.

Knowledge without Borders

GÉANT 2020 as the
European Communications Commons

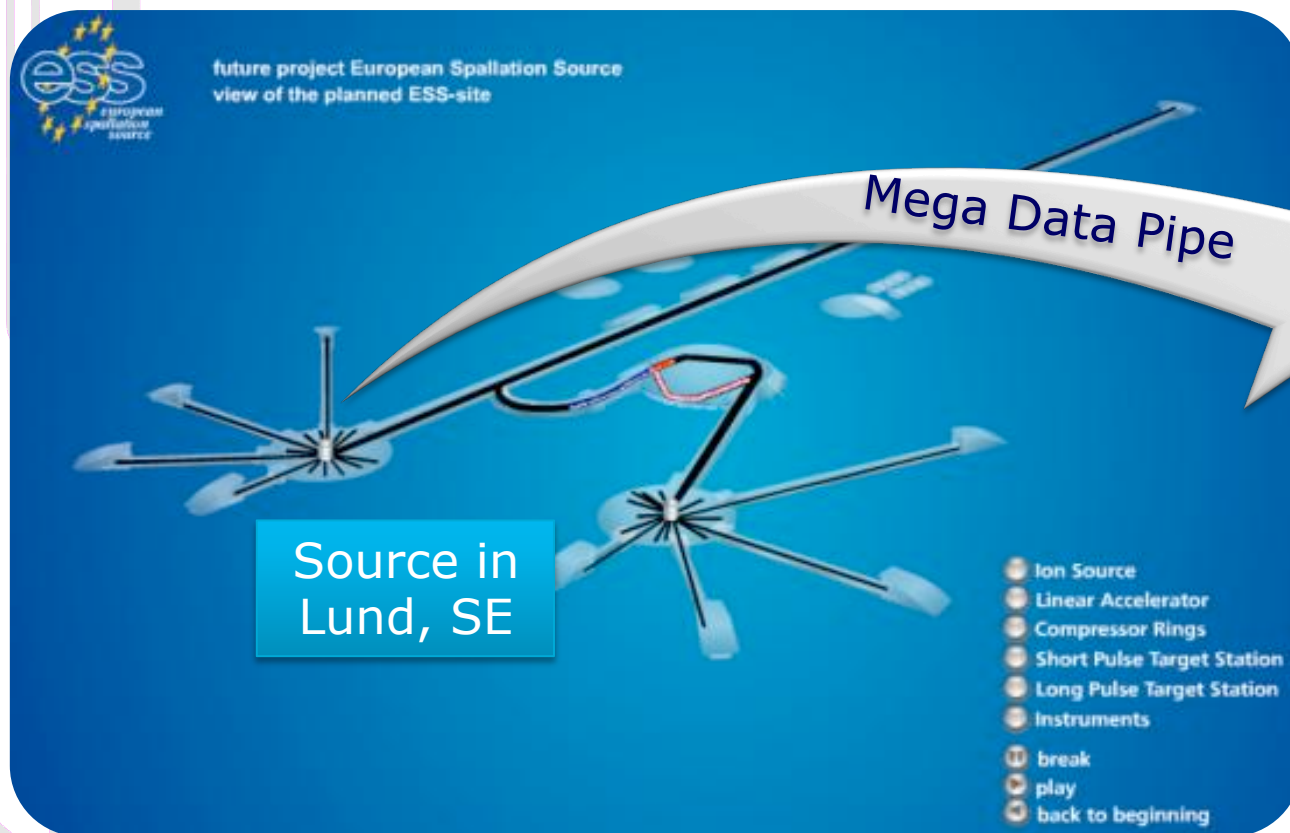
Report of the GÉANT Expert Group
... October 2011



- “GÉANT 2020” is the European communications commons
- Where talent anywhere is able to collaborate with their peers around the world and
- To have instantaneous and unlimited access to any resource for knowledge creation, innovation and learning,
- Unconstrained by the barriers of the pre-digital world.

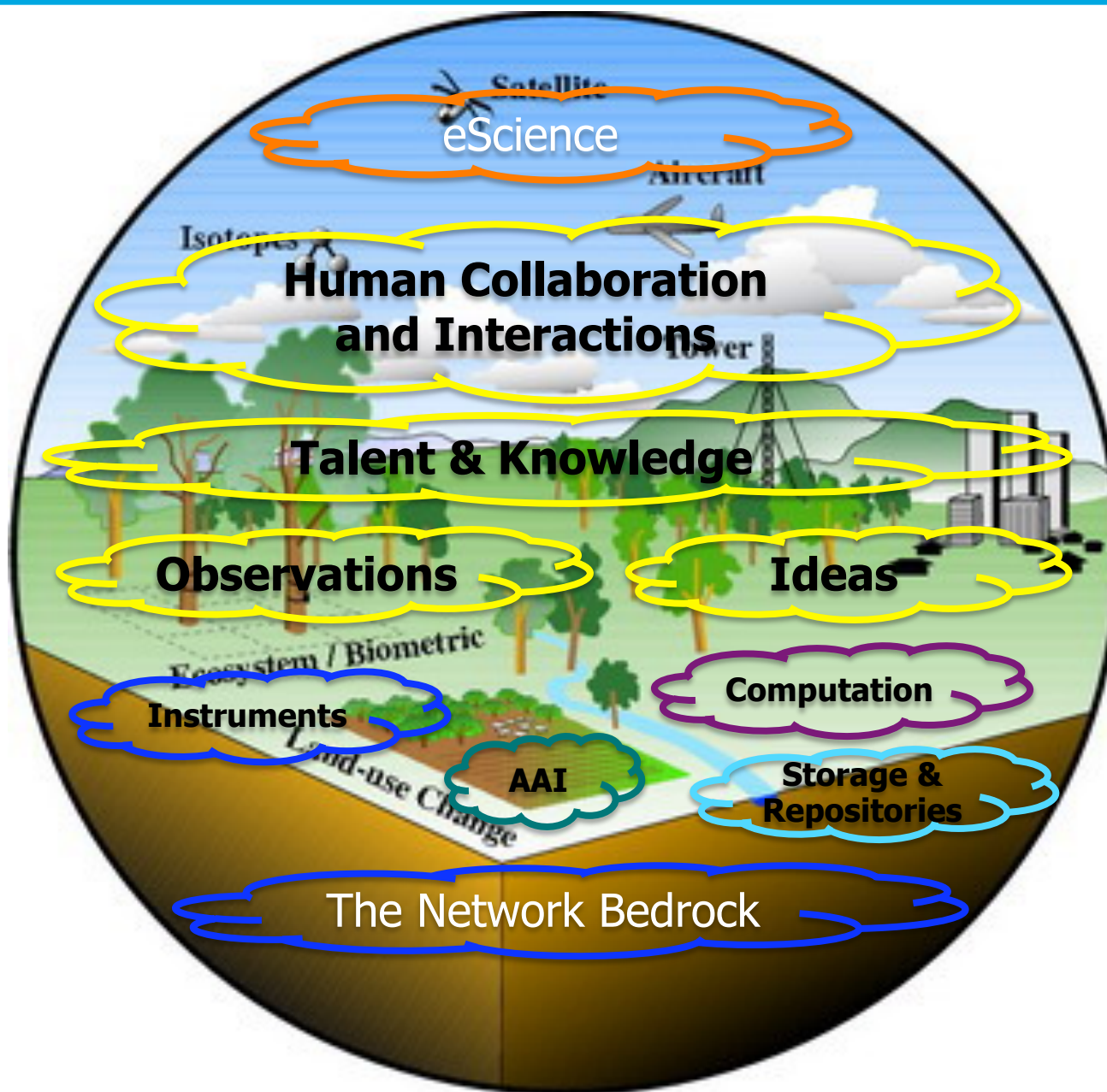


Materials research facility using the neutron scattering technique



Data Facility in Copenhagen, DK

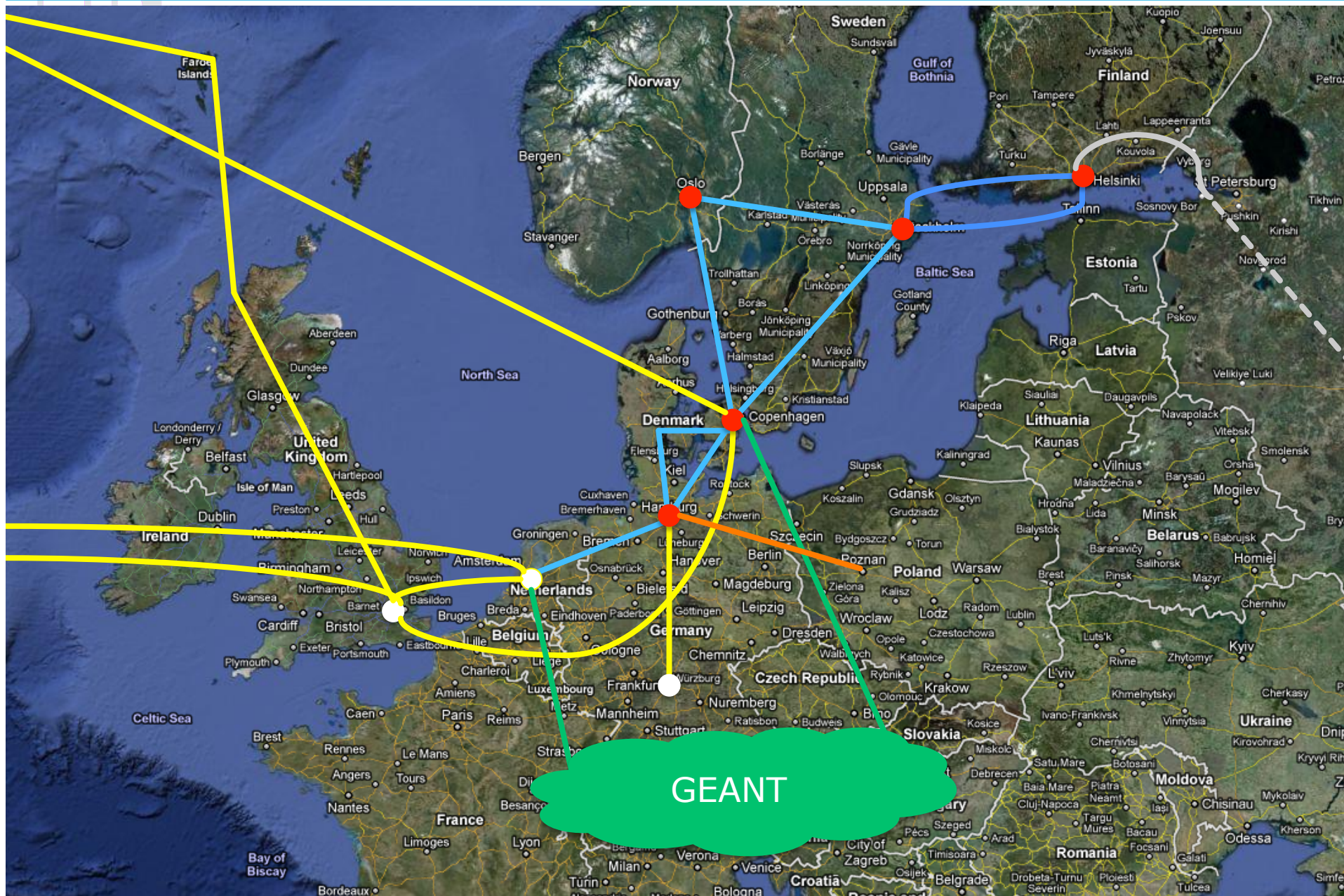


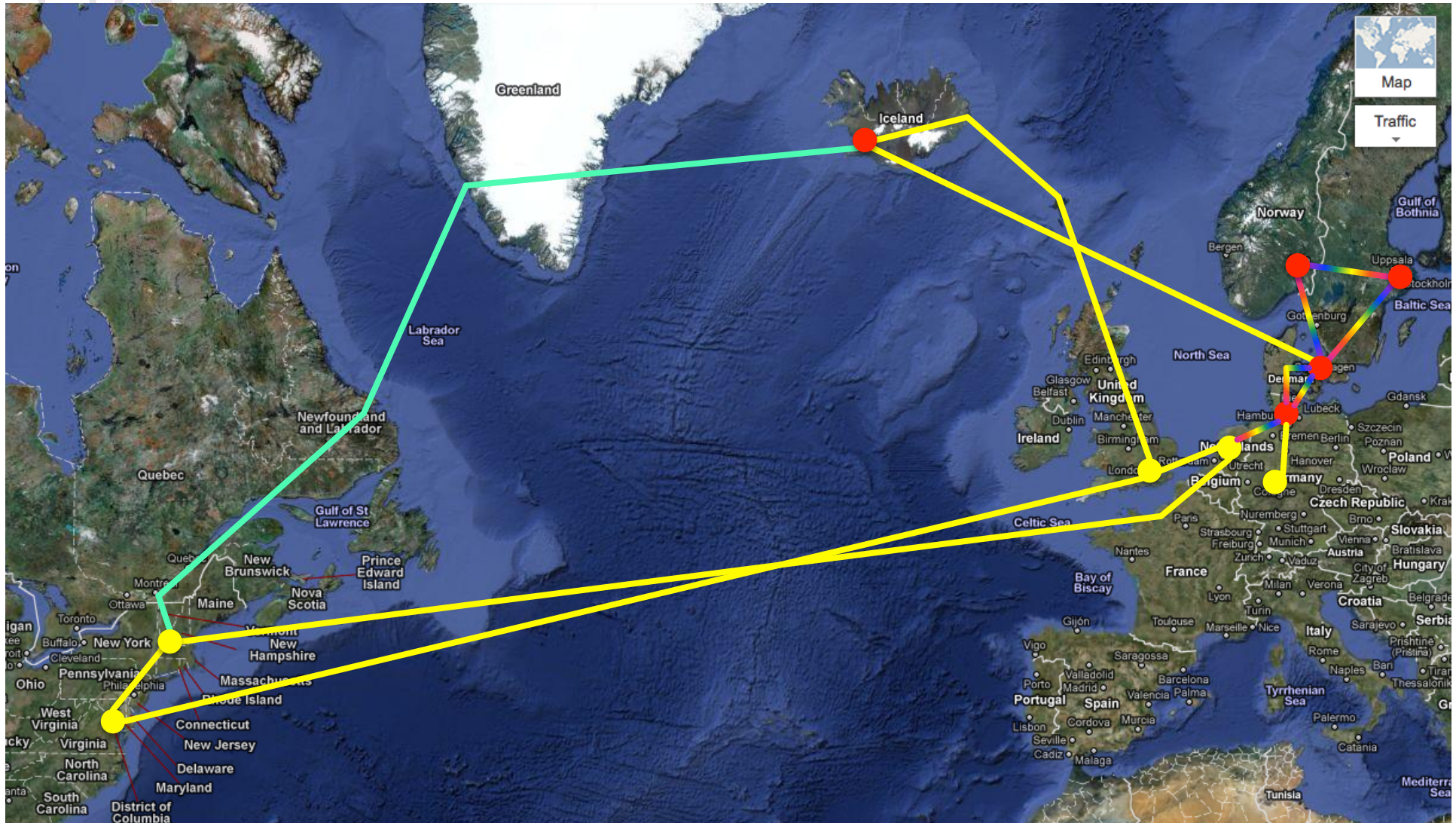


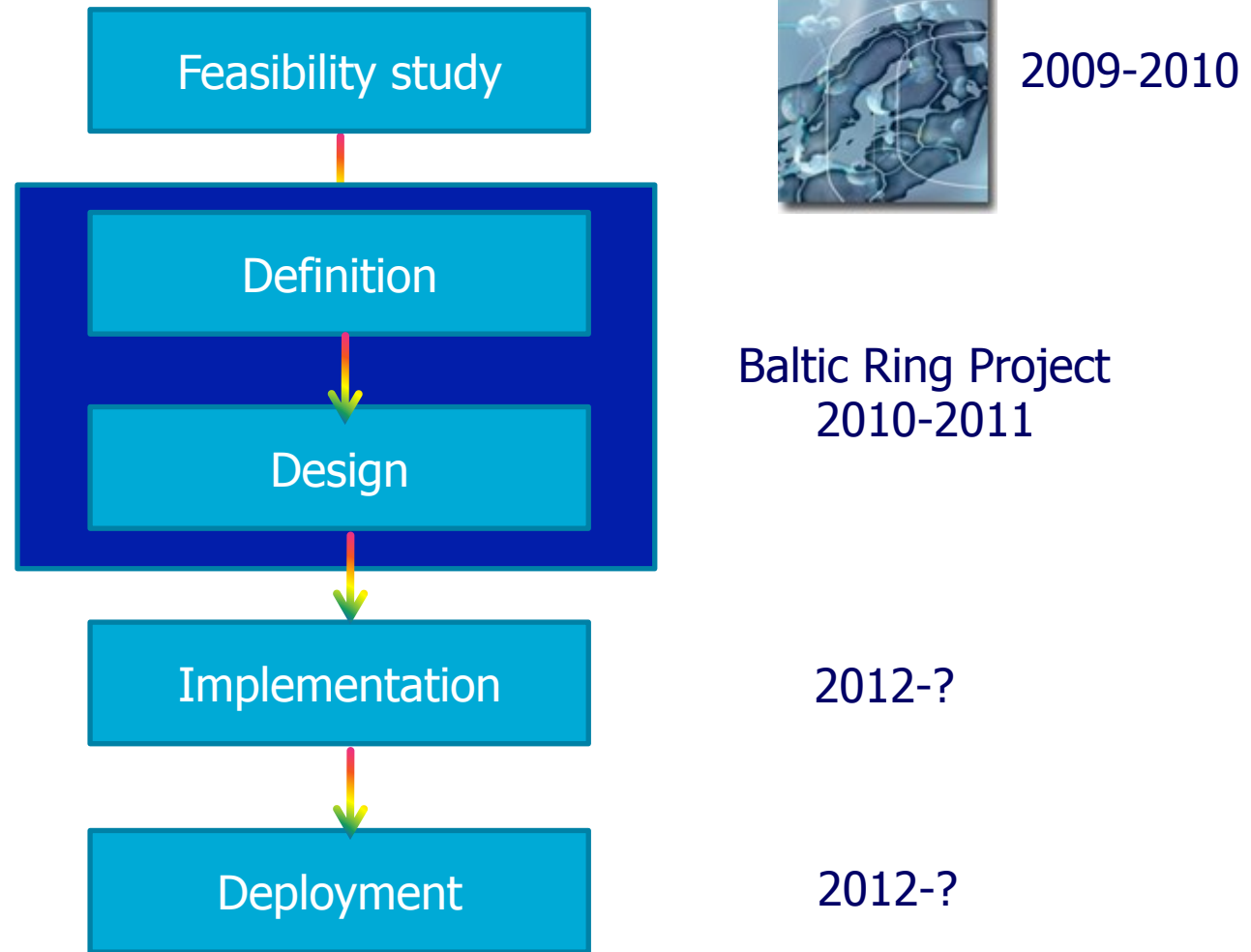
NORDUnet

Nordic infrastructure for Research & Education

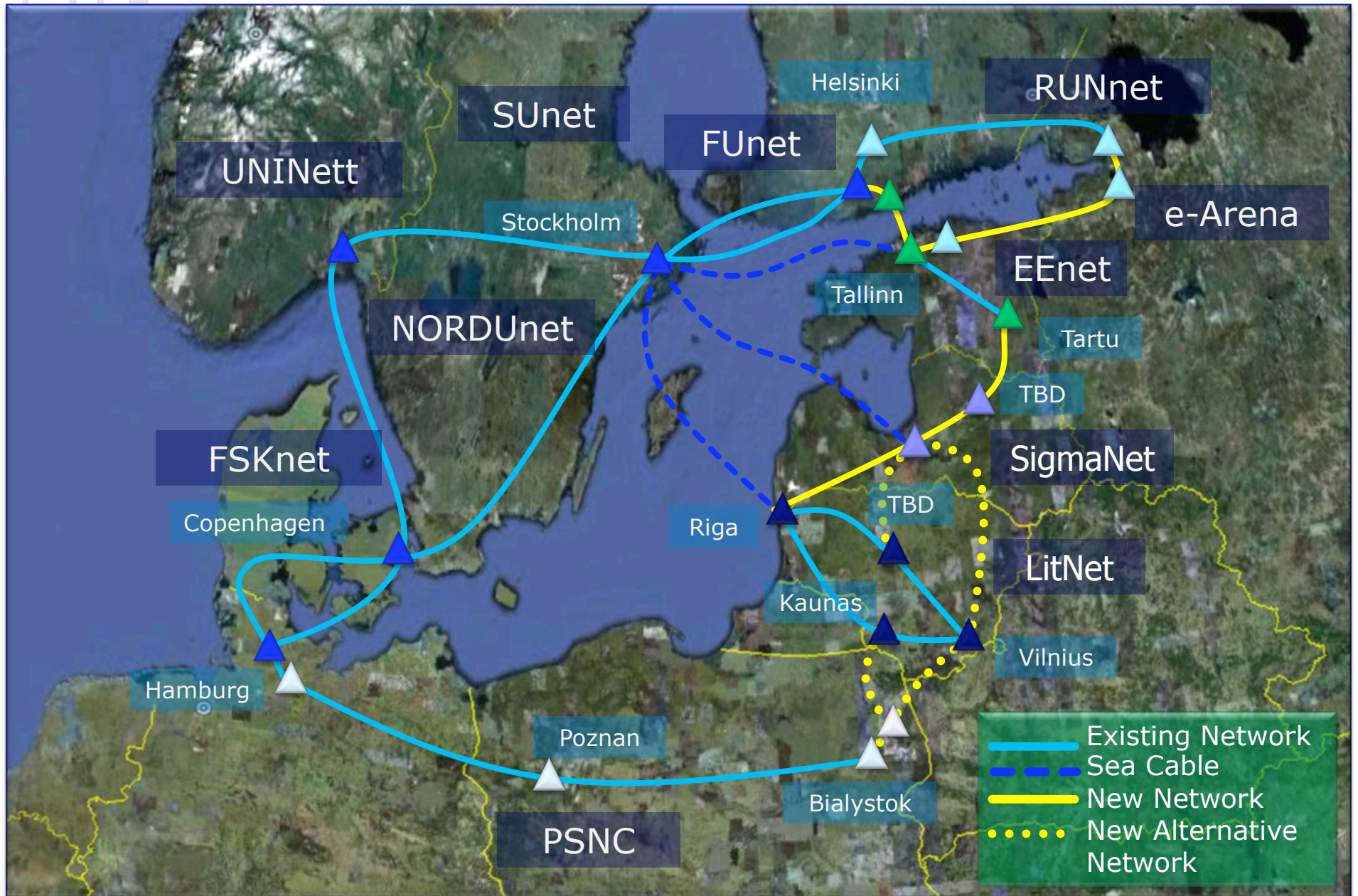
NORDUnet Network 2011











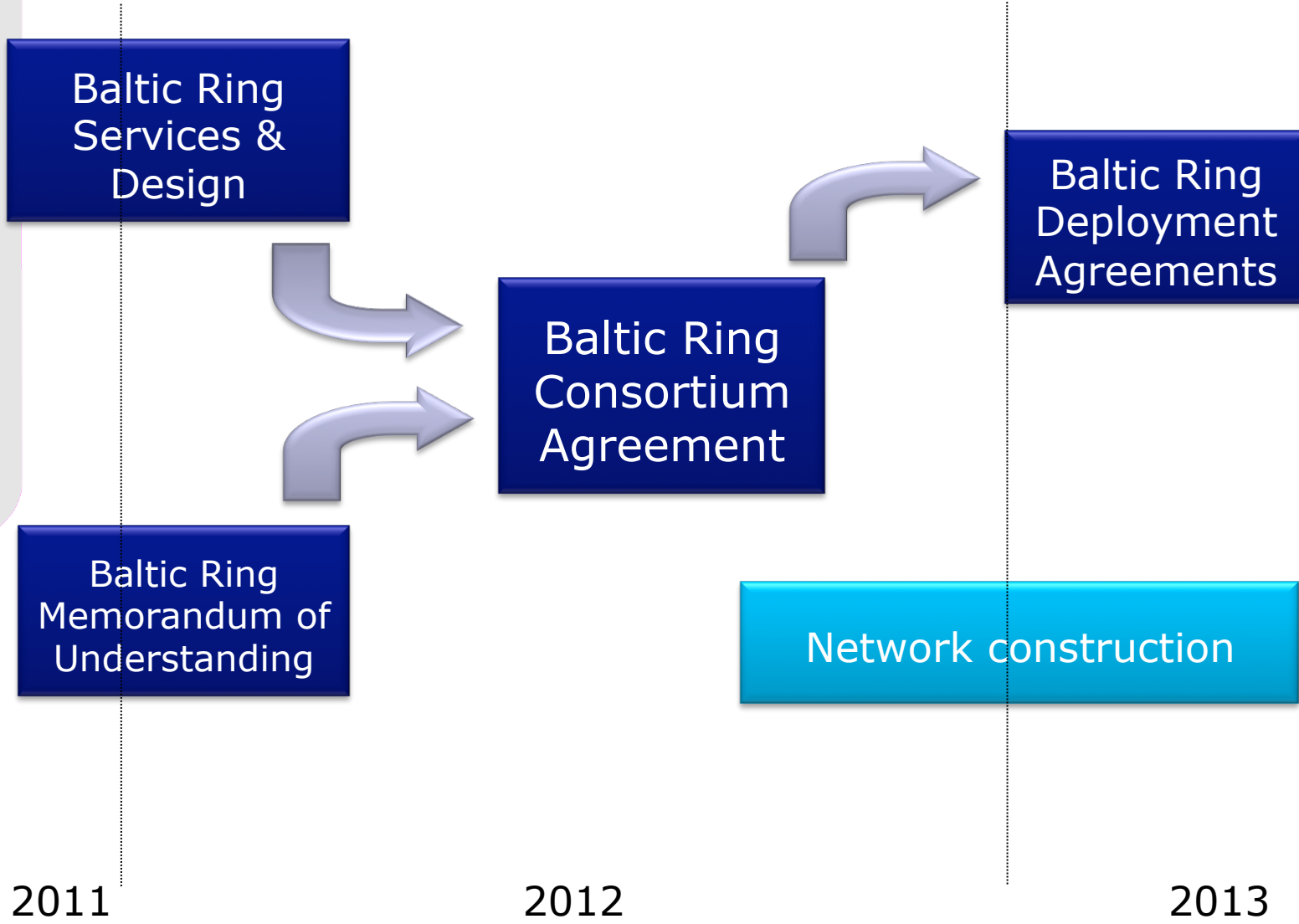
Baltic Ring Topology Proposal





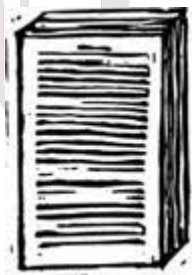
- Riga Business School, 24-25 November 2011
- Workshop for officials and senior R&E network staff
- Presentations
 - Vision, relation to European and global networks, impact on e-science, political perspectives
 - Services and applications
 - Operational models, Cost Sharing, Governance models
 - Roles of the actors involved
- In-depth discussion, focusing on building consensus on objectives and the road ahead
- All countries including Latvia were positive to the process and the idea of establishing a Baltic Ring consortium.
- <https://portal.nordu.net/x/JA3cAQ>

- At political level, progress MoU
 - To be presented early spring, agreed before summer
 - NCM to set up process, initiate MoU
 - Countries to nominate a working group
 - NCM to present process for decision at NB senior officials meeting
- Expert group to progress items for Consortium Agreement
 - NRENs to nominate a working group
 - NORDUnet to arrange meeting for NREN experts in January to initiate process, establish willingness and timetable
 - NRENs to come to consensus on technology, operations, cost-sharing models, etc.
 - Establish consensus for Consortium Agreement
 - Work in parallel with MoU process





Agree and sign
Memorandum of Understanding



Assign working group to create
consortium agreement



Initiate search and application
for funding instruments