



TF-LCPM meeting at HEAnet  
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« *networking the networkers* »

## Report on Storage Collaboration meeting, Amsterdam, 29<sup>th</sup> June



# Large volume services

- › low level storage access
- › Fibre Channel, iSCSI and similar protocols
- › e.g.: NIIF (Hungary)



# High Performance Computing

- › Data storage in support of High Performance Computing (GRIDs)
- › e.g. NDGF (Nordunet, using dCache)



## User level storage

- › Mainly HTTP (web access to files)
- › using federated access technologies like Shibboleth
- › e.g.: CSC (Finland), GRNET (Greece)



# Combination

- › Centralised storage
- › Multiple access methods/protocols
- › Needs per application fine-tuning
- › e.g.: National Data Store (PIONIER, Poland)



# Areas of cooperation

- › The obvious: best practices on storage management, equipment evaluation
- › Tendering procedures
- › Storage services based on federated access (think of the pan-European interfederation developments like eduGAIN)



# Issues where LCPM could help

- › Joint procurement procedures
- › Inventory of NREN legal frameworks, concerning:
  - › One NREN delivering services to others, across GEANT backbone (Is this even allowed? What are the options?)
  - › National legal requirements (privacy, data retention, telecom law)



**More info at:**

**<http://www.terena.org/activities/storage/>**