

DESY Tier2 Zeuthen (ATLAS)

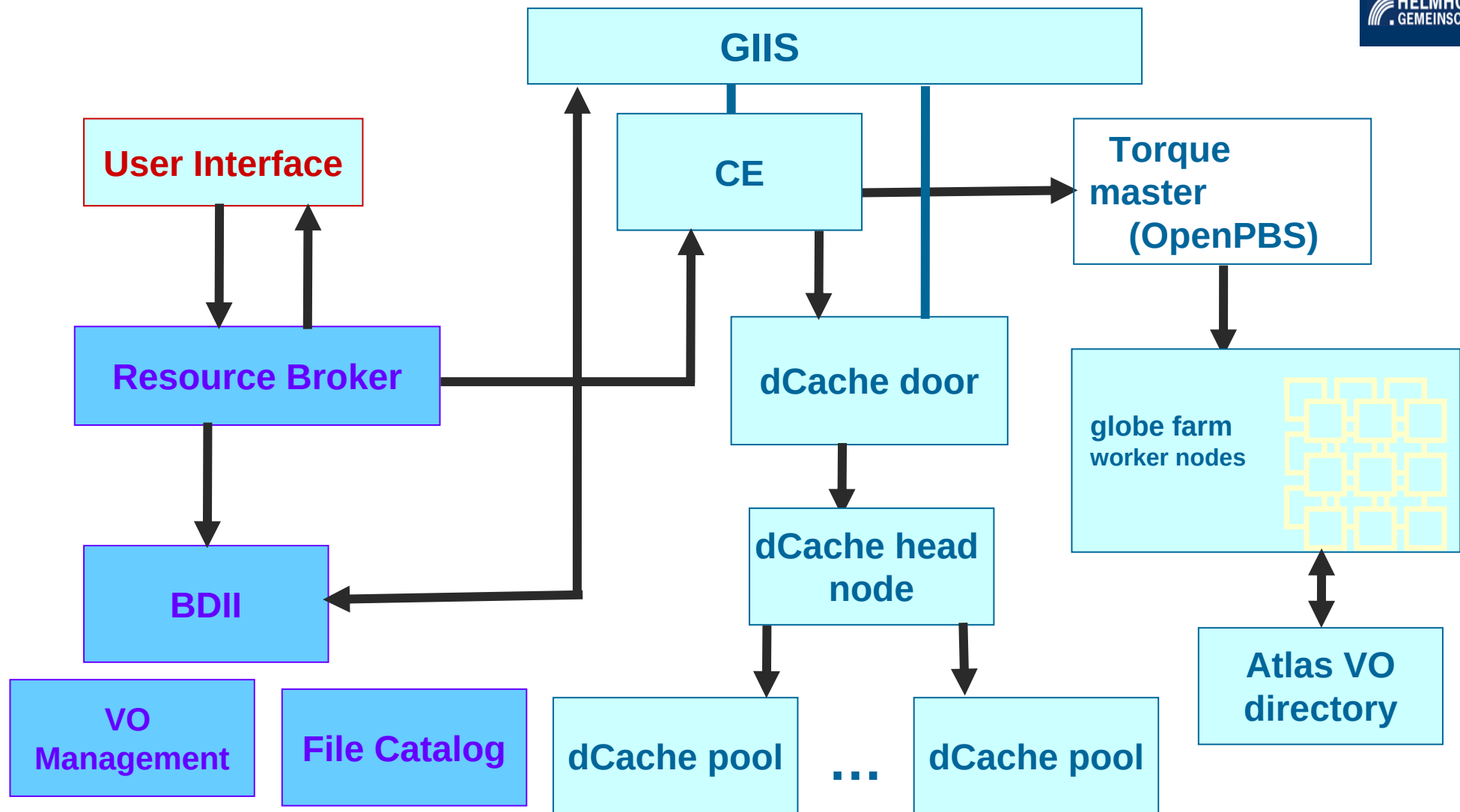


DESY Tier2 part in Zeuthen

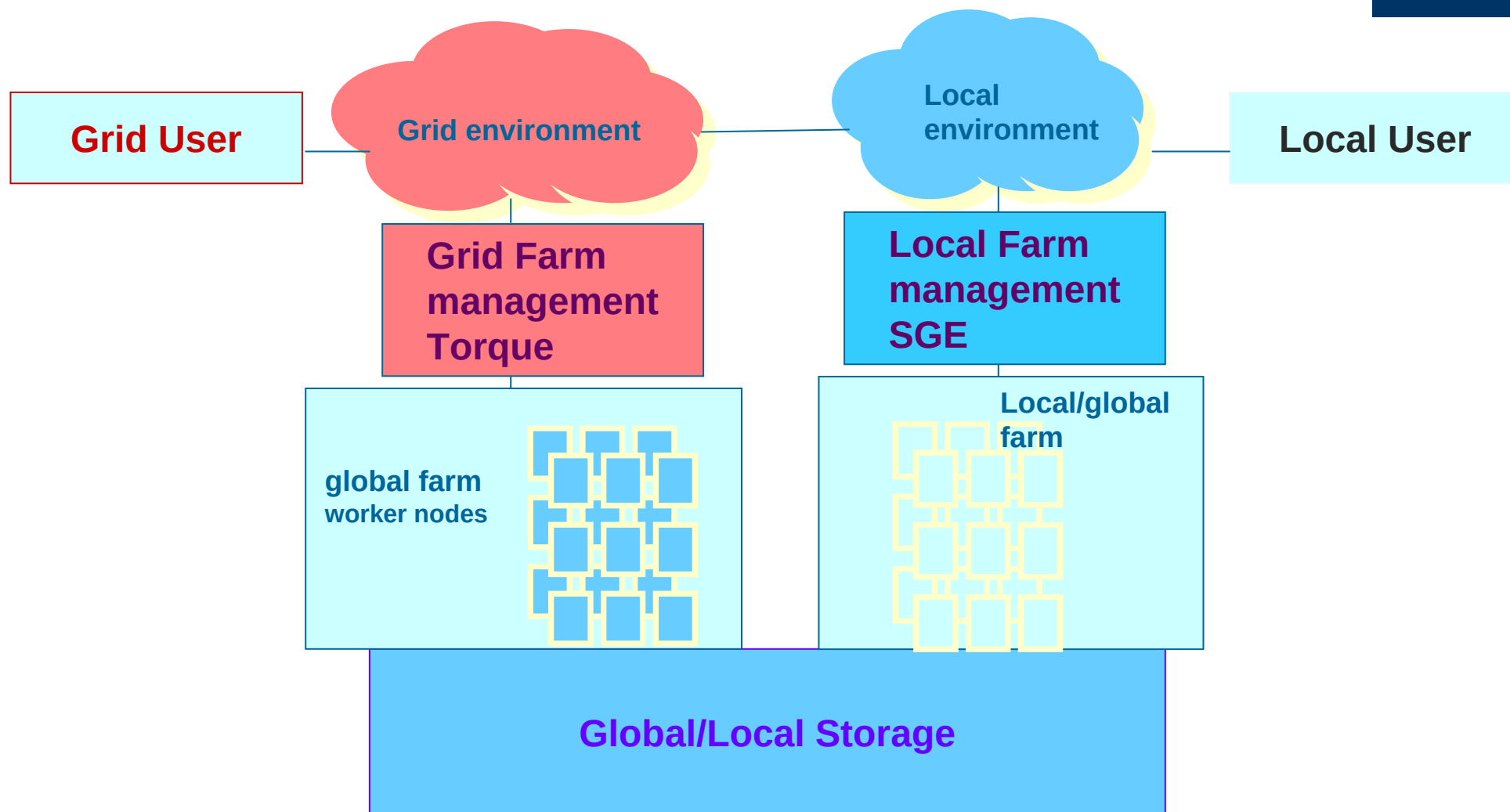
ATLAS requests

Links

DESY Tier2 Zeuthen (ATLAS)



Grid and local farm access





DESY Tier2 Zeuthen

Resources and Status

ATLAS software installed (11.0.42 – latest version)

20 worker nodes :
32-bit 3.2 GHz dual XEON, 2 GB Memory
(+ potentially 30 other)

Mass storage 3TB on SE, VO software 50 GB,
(panasas storage testbed planned, waiting for approval of test installation)

First jobs running since beginning of the week

Local farm for ATLAS Grid not yet tested

Network connection: GE VPN to DESY Hamburg planned, status still unclear



ATLAS Requests

Possible contributions to the ATLAS Production System - ProdSys (ATLAS requests, John Kennedy, LMU)

Monitoring framework

Contribute to the re-design of existing tools, to functionality extensions (quite a lot already exists)

Features (existing+required, incomplete list):

- * check installation of the ATLAS software
- * monitor job scheduling
- * check jobs and associated errors, report obvious bugs.
- * check the functionality of the sites, look for site related errors, bad WN's, file transfer problems, send reports
- * check datasets
- * file transfer tests (FTS Tier1-Tier2, Tier2-Tier2)



ATLAS Requests

Possible contributions to the ATLAS Production System - ProdSys (ATLAS requests, John Kennedy, LMU)

Supervisor/Executor

Contribute to a Supervisor/CondorG executor setup and running environment for the GridKa cloud

GridKa cloud: German ATLAS Tier2s and Tier2 in Poland, Czech

Cern ATLAS request: Overtake responsibility for the

- 1. global ATLAS Monitoring framework**
 - 2. definition, implementation and distributing “pilot jobs”**
- (Markus Elsing, Luc Goossens)

Links



<https://twiki.cern.ch/twiki/bin/view/Atlas/ProdDB>

<https://twiki.cern.ch/twiki/bin/view/Atlas/ProdSys>

<http://atlas-php.web.cern.ch/atlas-php/DbAdmin/Ora/php-4.3.4/proddb/monitor/Home.php>

<http://atlas-php.web.cern.ch/atlas-php/DbAdmin/Ora/php-4.3.4/proddb/monitor/LCGSiteIndex.php>