

**DESY IT has set up a very efficient and well accepted grid infrastructure:**

- **LHC T2**
- **National Analysis Facility (NAF)**  
for for ATLAS, CMS and LHCb
- **Grid Centre**  
for HERA, ILC, Astro-particle physics and theoretical physics

products and projects

- **dCache storage system**  
used to store more than  $\frac{1}{2}$  of LHC data;  
new „customers“ on the horizon
- **support for ILC software development**

Important services for national and international communities:

- **operation of workload management system (WMS)**
- **grid userinterface, made available via AFS**
- **central registraion of German users**
- **VO services for ILC, HERA**
- **VO-specific services for LHC exp. (SQUID, PhEDEx, TAG DB)**

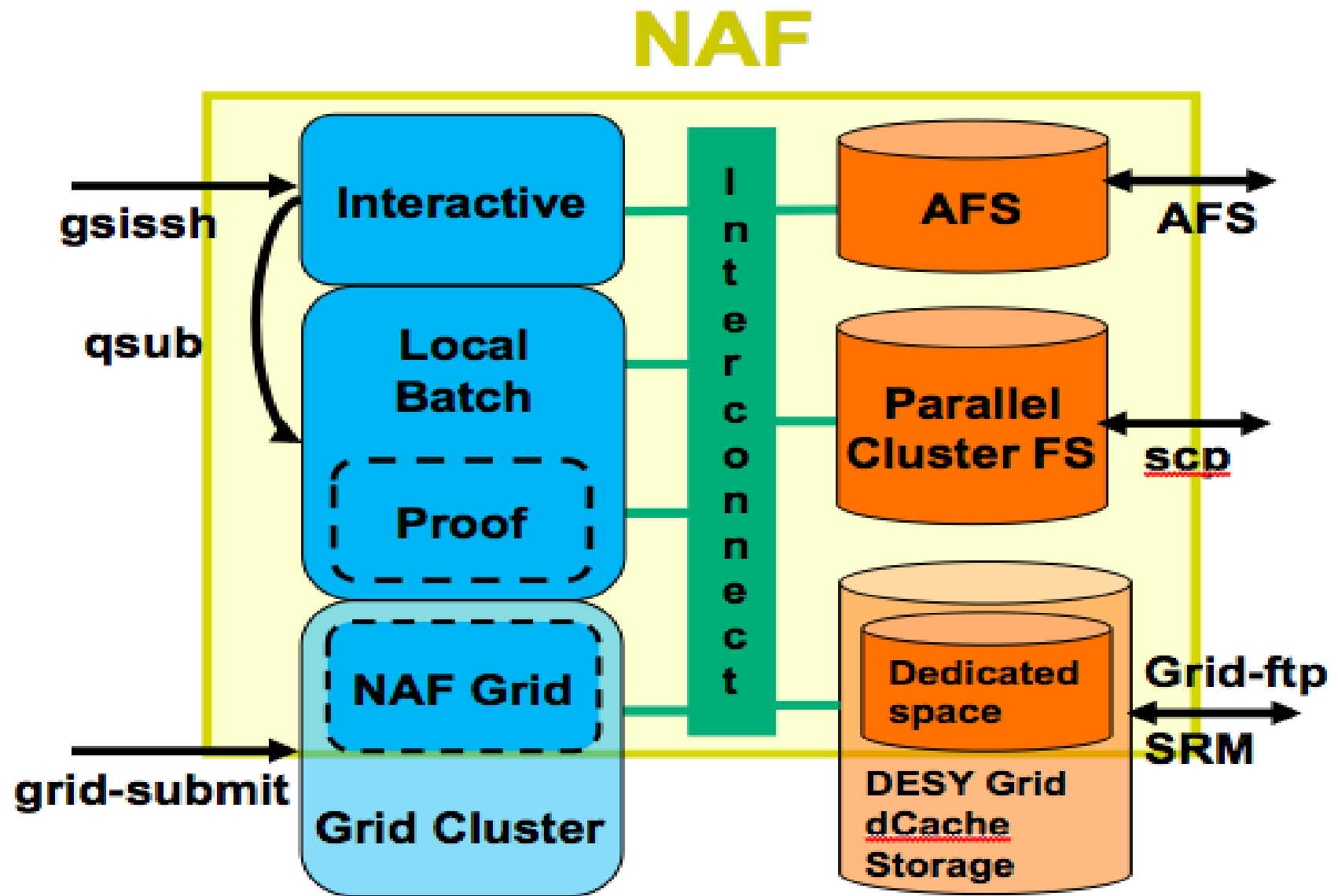
## Tier2:

- LHC collaborations provided overall need
- fractions of German contribution fixed
- contributions by universities clear for 2011/12  
DESY part is well defined

## Recommendation:

Install the necessary hardware as soon as possible

# NAF structure – resources and services for physics analysis



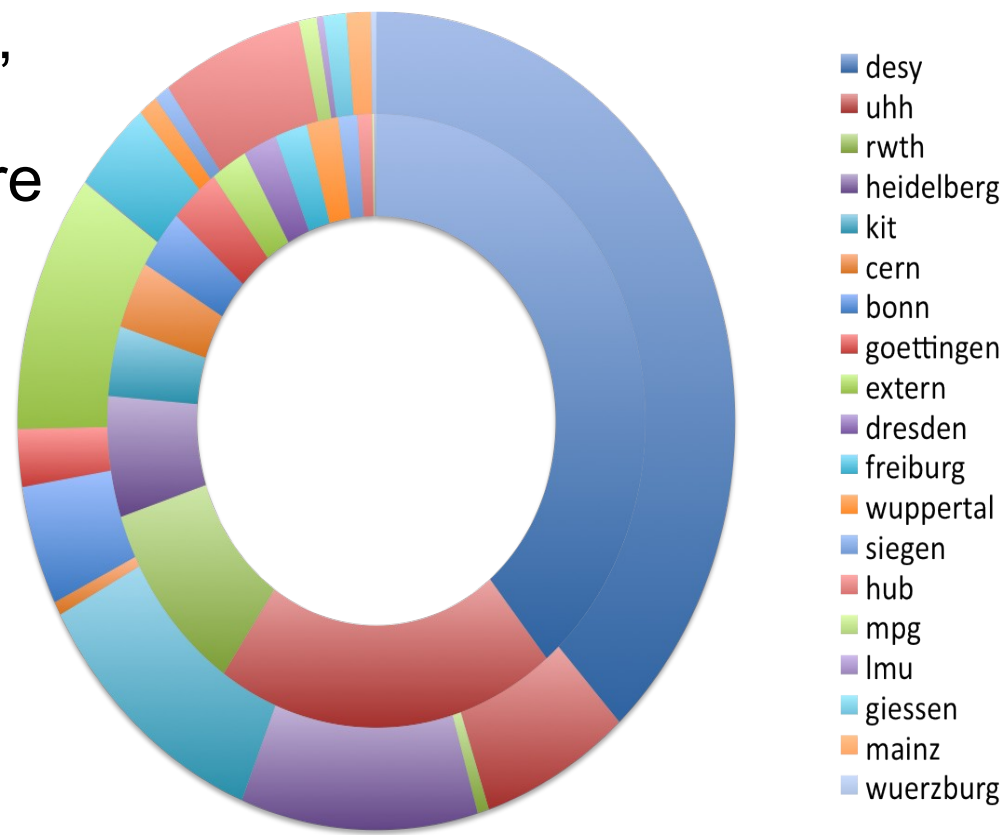
# NAF resources and services

are important for competitive analysis by German groups

**Optimized for fast response and interactive usage !**

- operation by DESY IT
- experiment-specific services and support by experimental collaborations
- Initial funding by Helmholtz Alliance, then two-year funding by BMBF
- now a DESY responsibility to ensure adequate resources

NAF mostly used by non-DESY physicists



PRC appreciates the efficient and successful operation of the DESY Tier2 and recommends the timely installation of the DESY share of Tier2 resources in 2011 and 2012

dCache is a well accepted and crucial grid storage component and should receive the necessary support by DESY

The PRC welcomes the the leading role within Germany of DESY in the LHCone project.

**PRC is concerned about future development of NAF:**

**Questions from last PRC have not yet been answered –  
PRC urgently awaits report by task force !**

**suggest telephone conference ~one week after the  
availability of the report to discuss final recommendation**