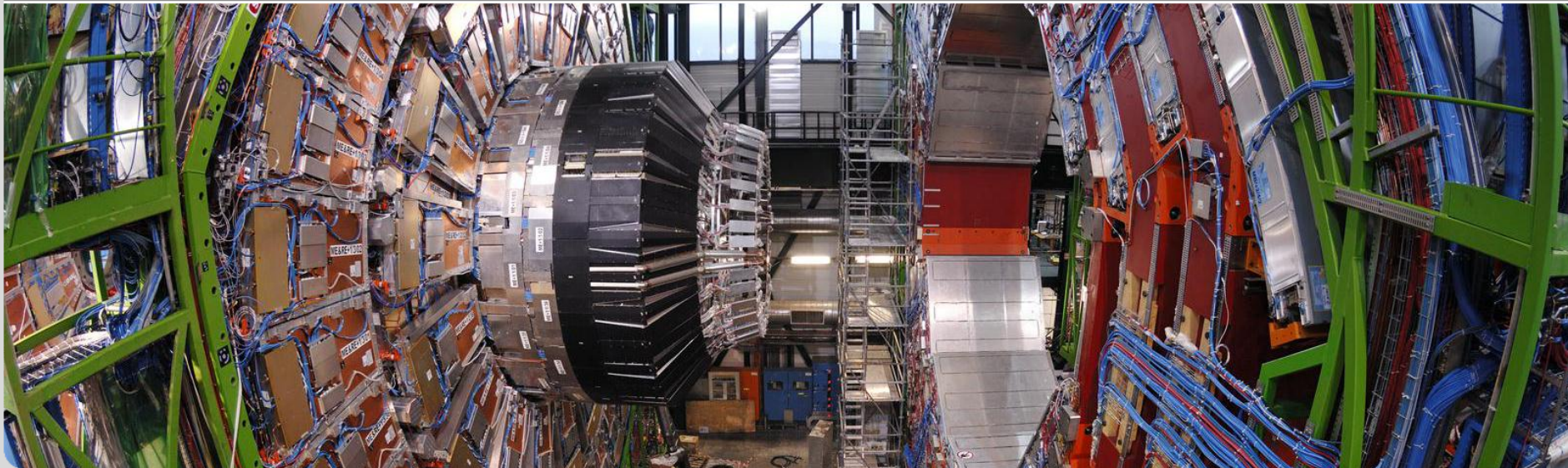


Status of the NRG - Update

FSP-CMS Computing Meeting, 30.08.2010

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Institut für Experimentelle Kernphysik



National Resources at GridKa (NRG)

- Substantial national (D-Grid) resources available
 - Shared between HEP & Other VO's

■ dCache

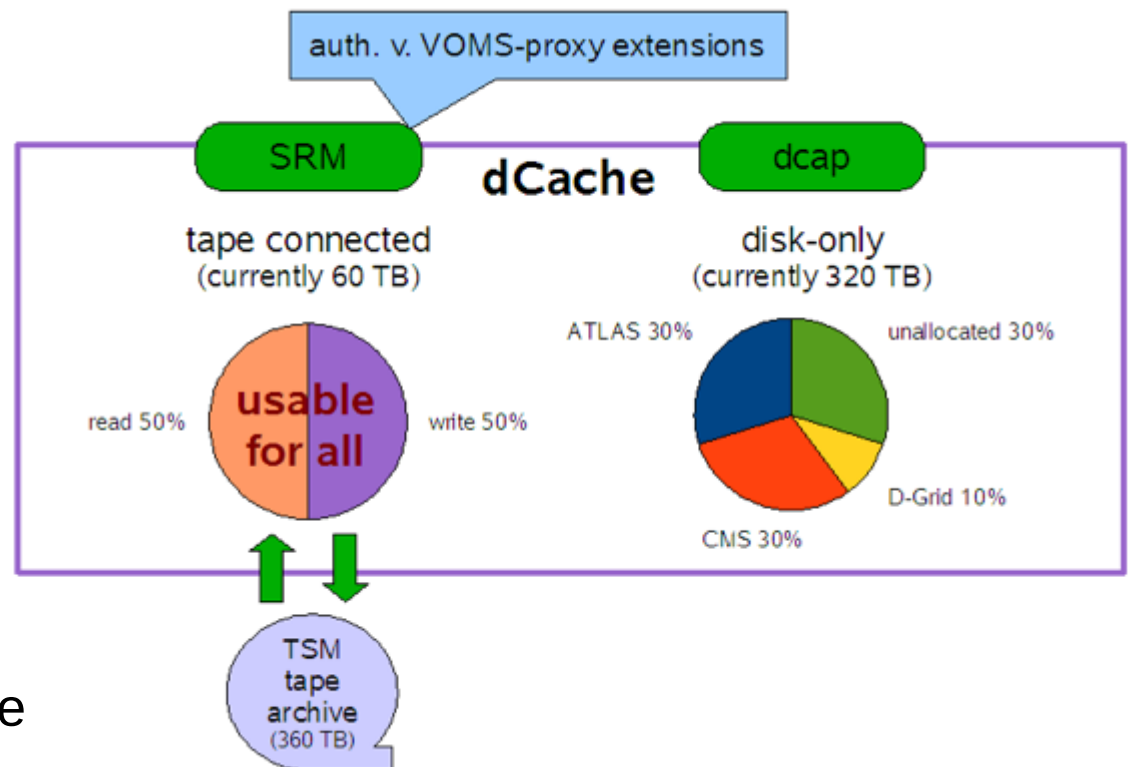
- 380 TB of disk
- 360 TB of tape

■ CPU

- ~1500 job slots available (10,5 kHS06)

■ Last Update:

- Unallocate space now partly used by D-Alice



Current Status of Implementation

- After some delay (GridKa cooling incident, vacation time, etc.) **the final set-up is online** since beginning of last week.
- Currently with a **reduced** amount of **disk space**
 - Reason: Fileserver disk-error; vendor refused to exchange; now at legal department
 - Missing disk space:
 - 10 TB of tape pools (shared among VOs)
 - 10% of FSP-CMS disk space
 - 25% of D-Alice disk space
- Tests by GridKa & VO Contacts (Xavier, Marian, Andreas P.)
 - Should be completed beginning of this week
- Beta test with selected users will start this week for ~2 weeks
- If no problems arise, the NRG should be accessible by all FSP-CMS members mid of September.

Documentation & Access Instructions

- **TWiki** page with detailed instructions available. Will be published as soon as the NRG works stable and final access procedures have been tested and verified.
 - **HappyFace** instance
 - Will monitor the NRG instance (dCache, etc.)
 - Most important information for users using the T1 CMS data:
 - Provides a list of CMS T1 datasets where users are allowed to run over
 - All datasets on that list which are marked “green” can be used, since they are already staged on disk
 - User jobs which massively stage files will be aborted and the user will be blocked
- Knowledge of allowed datasets is mandatory for all users running over data in the CMS T1 dCache area!**
- Always remember: Tier 1 comes first ;-)
 - In case of large Tier 1 production activities, access to the NRG may be temporarily reduced or switched off.