UniBE update Spring 2025

- **Storage**
- **Compute**

Storage

- 2.2 PB on 5 servers, no changes => **still true**

- All upgraded to Almalinux 9 => **still true**

- No pledge increase for April 2025 => **still true**

- Raised **once more** with WLCG the issue of SRR for federated storage

  - Codebase to be obtained from the previous dev by end of June *at latest* (™)

  - Solution for federated SRR record expected by early Autumn *at latest* (™)

- We will buy some storage in the meanwhile, but funds are scarce

- Longer term plan (dream?): move all Swiss ATLAS storage to Bern (currently 5.5PB @CSCS)

UniBE news Spring 2025

Compute

- ROCKS Cluster still running CentOS 7 and IPv4 only on the CEs => **still true**

- Almalinux 9 provisioning with OpenHPC still slow: <10% of nodes

  - Issue with nodes dying with el_9.5 => had to revert to el_9.4 (!!!)

  - More issues to address (e.g. matching versions for kernel, lustre clients, slurm, etc.)

  - Lack of manpower => **still true**

  - When done, we should scale up ~x1.5 to ~16k cores or ~190kHS23 => **still true**

  - Just started one CE on Almalinux9 and ARC7