UniBE update Spring 2024
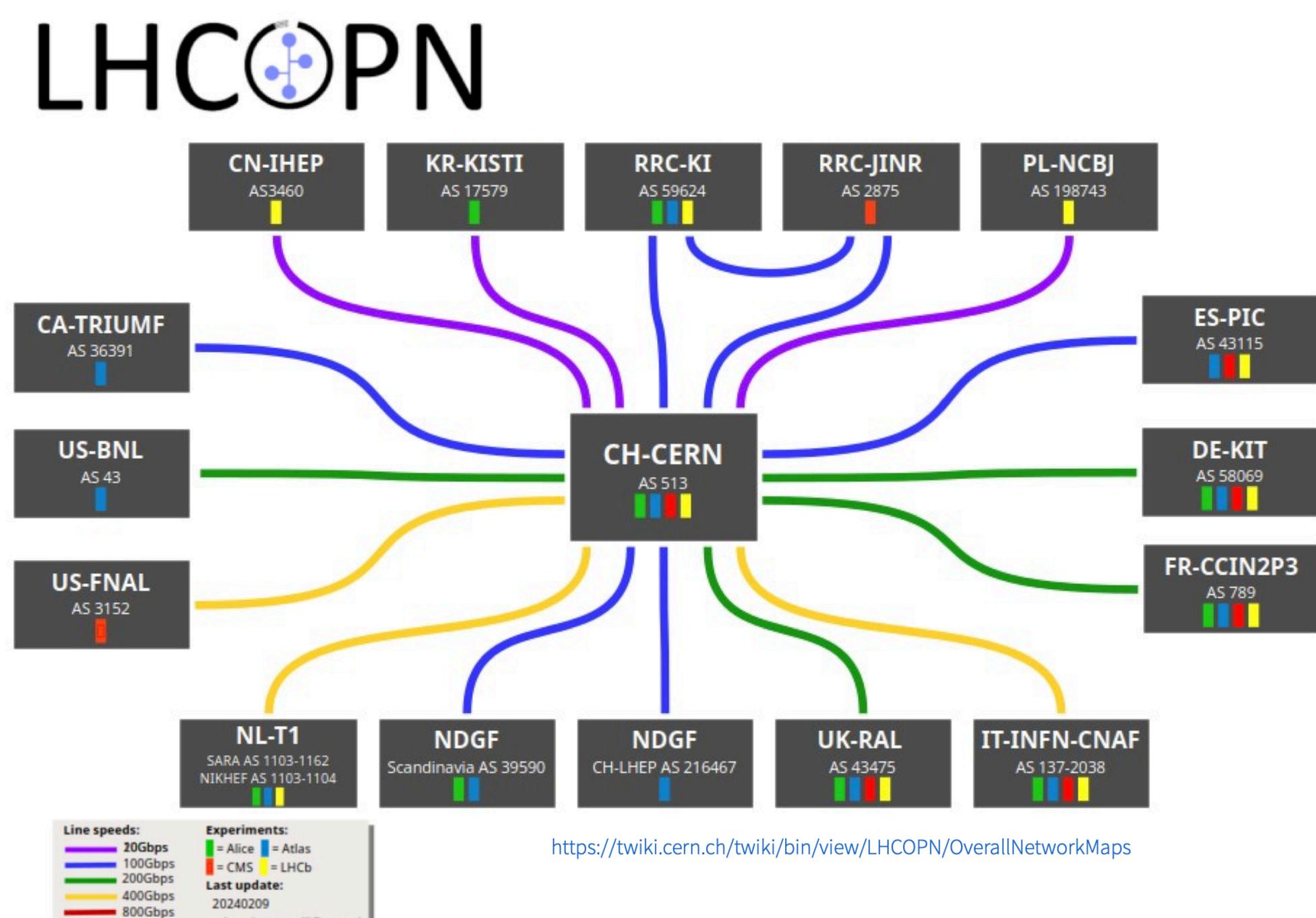
- Network
- Storage
- OS

Numbers
- 17 sites for 15 Tier1s + 1 Tier0
- From 20Gbps to 400Gbps
- 14 countries in 3 continents
- 2.66 Tbps to the Tier0
- CN-IHEP and NDFG-LHEP last connected
- TW-ASGC has left

https://twiki.cern.ch/twiki/bin/view/LHCOPN/OverallNetworkMaps

Storage and OS

- 2.2 PB on 5 servers, CentOS 7 **=>** no change, just about fulfilling the 2024 pledge

- Might stall at this, situation is unclear from the funding perspective

  - Next request is Oct 2024 **=>** _if_ some money is granted, unlikely we can procure before 1st April 2025

  - SRR for federated storage did not happen, I don't see this changing

- We don't yet have any prod system on OS > el7

  - Experimenting with in place upgrade on the dCache servers, no conclusive success yet

  - Aiming for el7=>el8=>el9 , will schedule some reboots to check whether this works. Fallback on re-installation if not

  - For the cluster, ~11k slots, aiming at el7=>el8 (support for ancient IB cards) with OpenHPC, ongoing. IPv6 for the ARC CEs. We expect a hit in resource delivery for a couple of months

  - Also lustre is suffering, new OSS servers delivery hindered by earthquake in Taiwan