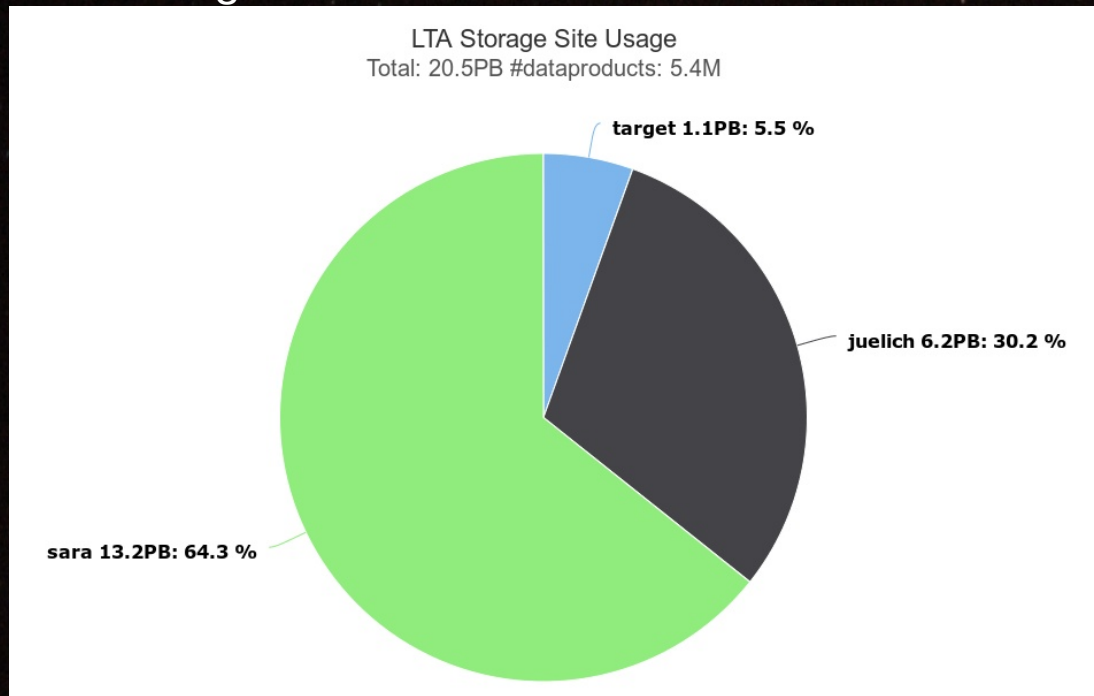


LTA status

Jorrit Schaap
Lofar Status Meeting

December 9th 2015

LTA Storage

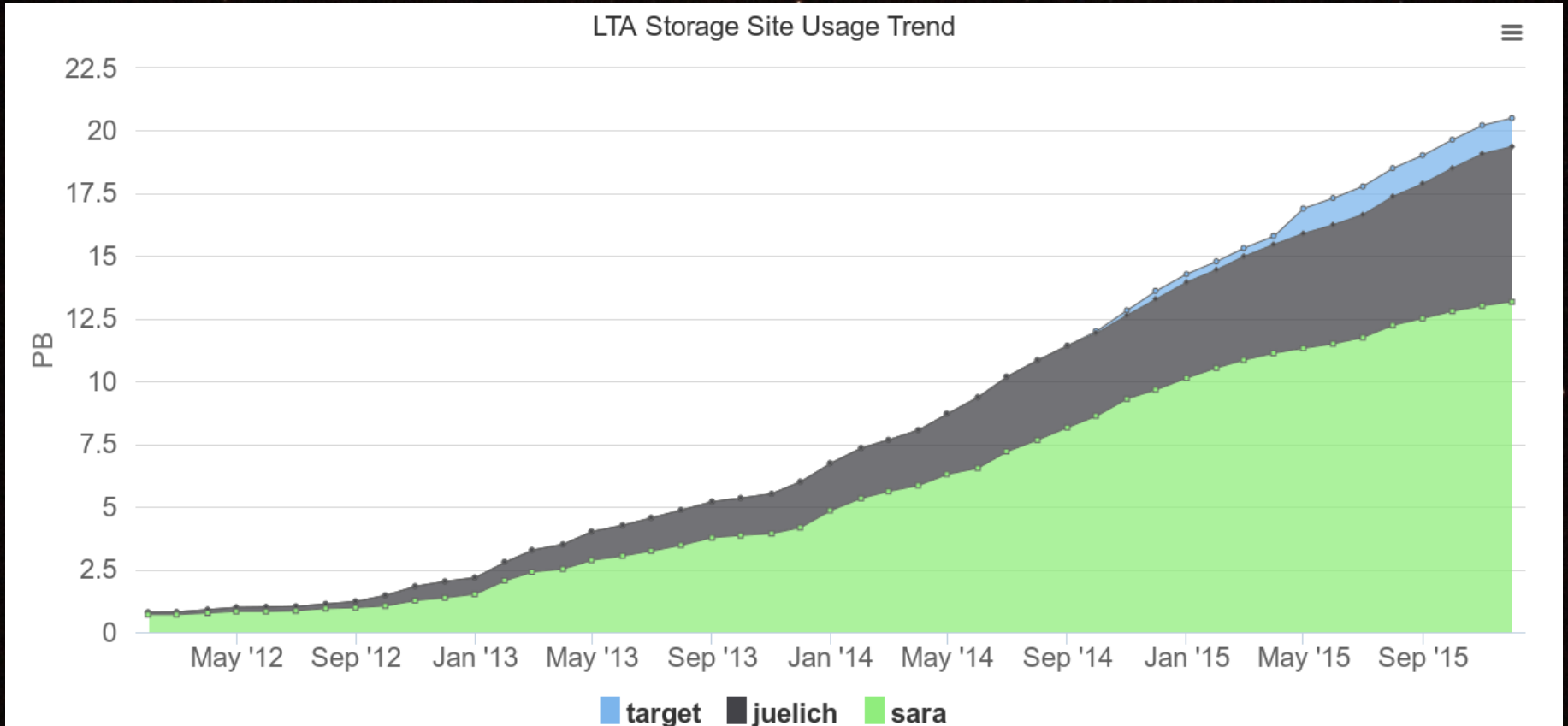


Staging (Sep 15th – Dec 9th)

- 264k dataproducs
- 1.12PB

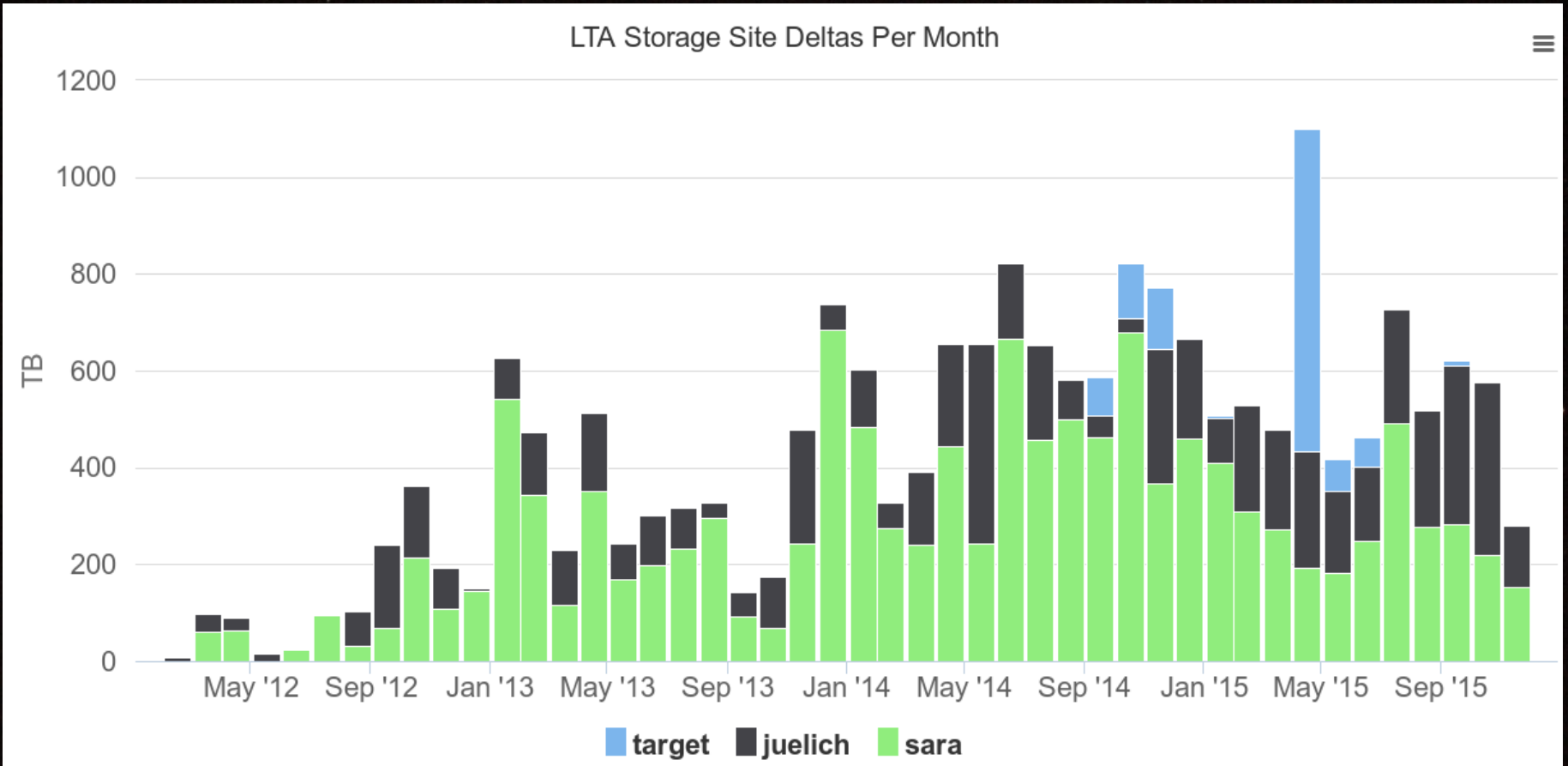
Trends

Cumulative



Trends

Delta's per month



Current improvements

LtaCp / "User-Ingest"

LtaCp has been redesigned from the ground up.

- Simple/clean Python and bash only.
- No custom Itacp-client needed anymore on cluster-nodes!
 - This enables us to transfer data from *any cluster* to the LTA: "User-Ingest"
- At this moment the new EoR Dawn cluster is connected to the LTA via this method.
- Dragnet will be connected next.
- Any 3rd party cluster is welcome!
 - Contact me for requirements.

- New Poznan LTA site: 1.5PB as of Jan 2016
- Obsolete 2011/12 MSSS LBA data has been removed ~0.3PB
- Monitoring: We are still improving tools to monitor LTA storage and staging on a daily basis presenting results in zabbix and web charts
- CEP4: 4 new lexar's (ingest nodes)
 - In configuration/testing fase.
 - will be directly connected with IB to CEP4 for fast and reliable transfers
- 'Catalogue repair/update':
 - EoR is uploading all meta-data for the unspecified dataproducts
 - For Pulsar & MSSS we would like to automate this process