



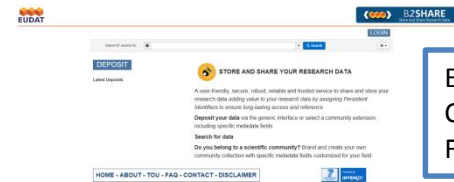
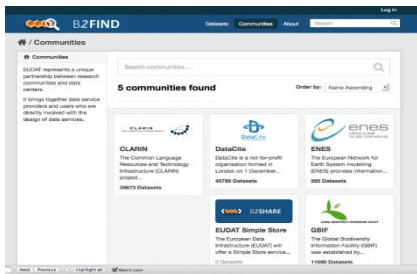
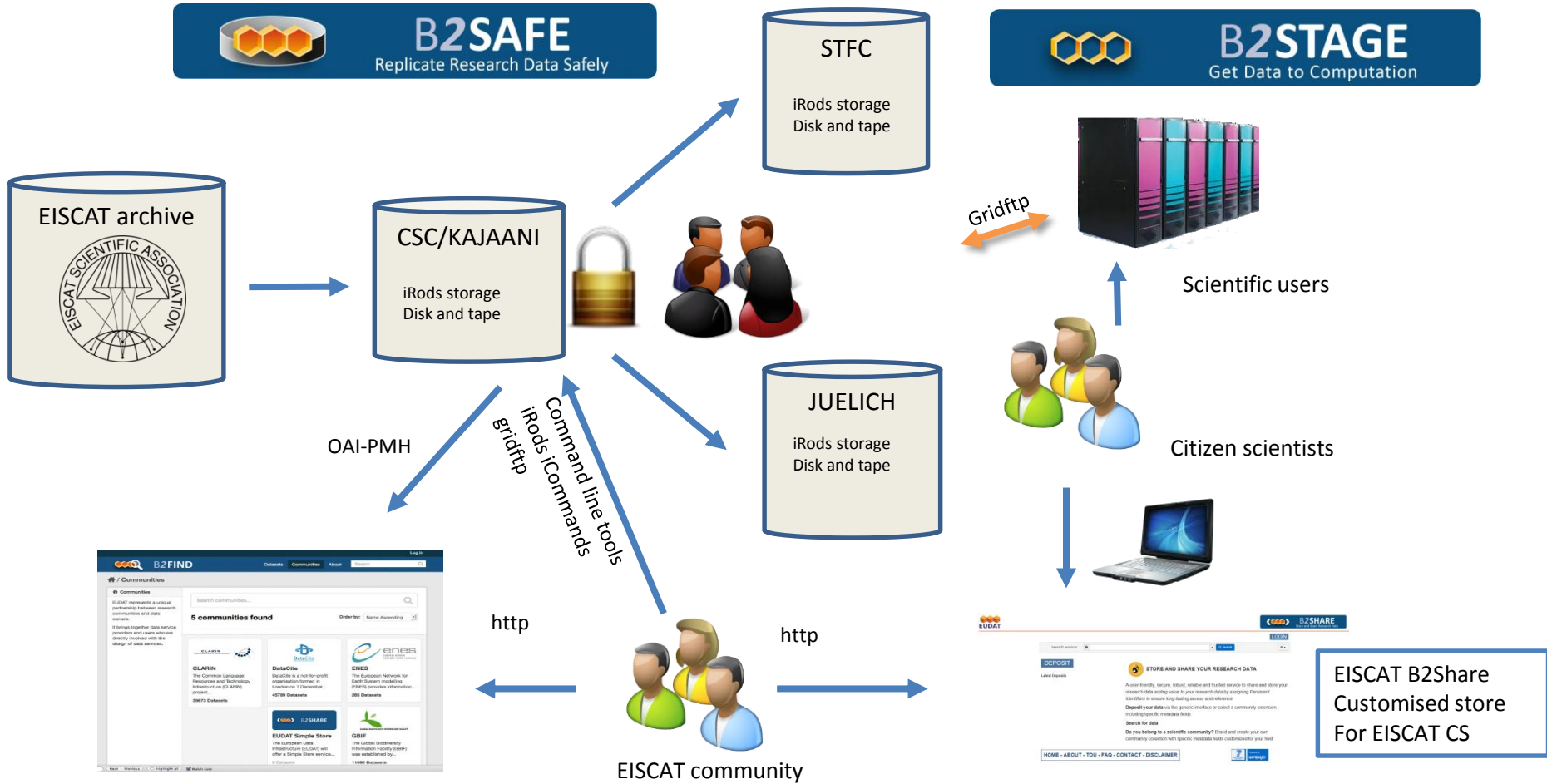
Data Services Requirements and Provisioning Models for EISCAT

EUDAT Proposal

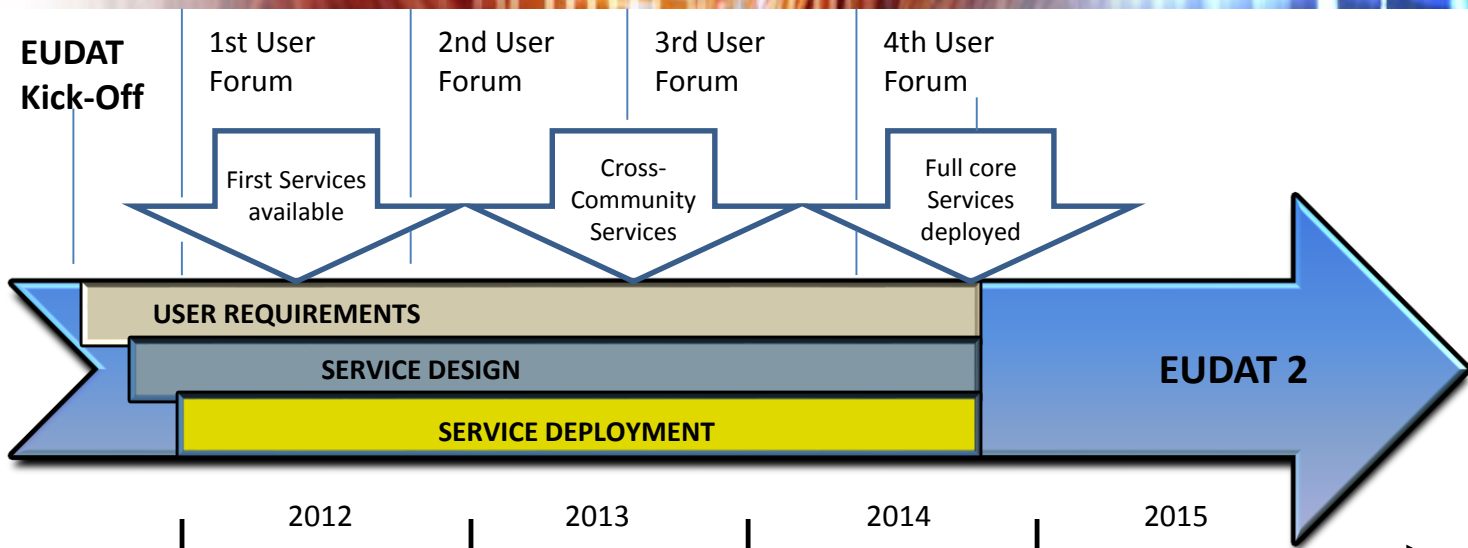


January-February 2014

Starting March 2014



EUDAT Timeline



EUDAT-EISCAT

Metadata verification



Data import to EUDAT iRods storage (CSC/Kajaani)



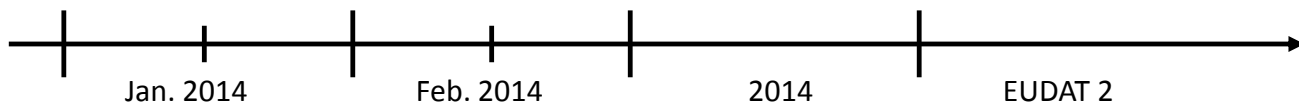
PID generation



Replication to Jülich (later to STFC)



EUDAT metadatalog (B2Find)
HPC connection
Federated authentication and authorization
B2Share (WWW frontend)



Benefits

NOW:

- Safe storage (B2Safe)
- Persistent identifiers
- Replication to selected EUDAT sites (CSC, Jülich and/or STFC)
- Metadata catalog (B2Find)

Starting March 2014:

- Collaborative platform (B2share) for depositing and sharing data (target: Citizen Scientists)
- Federated authentication and authorization tools (AAI)
- Connection to HPC environment (B2Stage)

EUDAT2 services (under consideration):

- Dynamic data handling (real time data)