

EOSC Early Adopter Programme Call

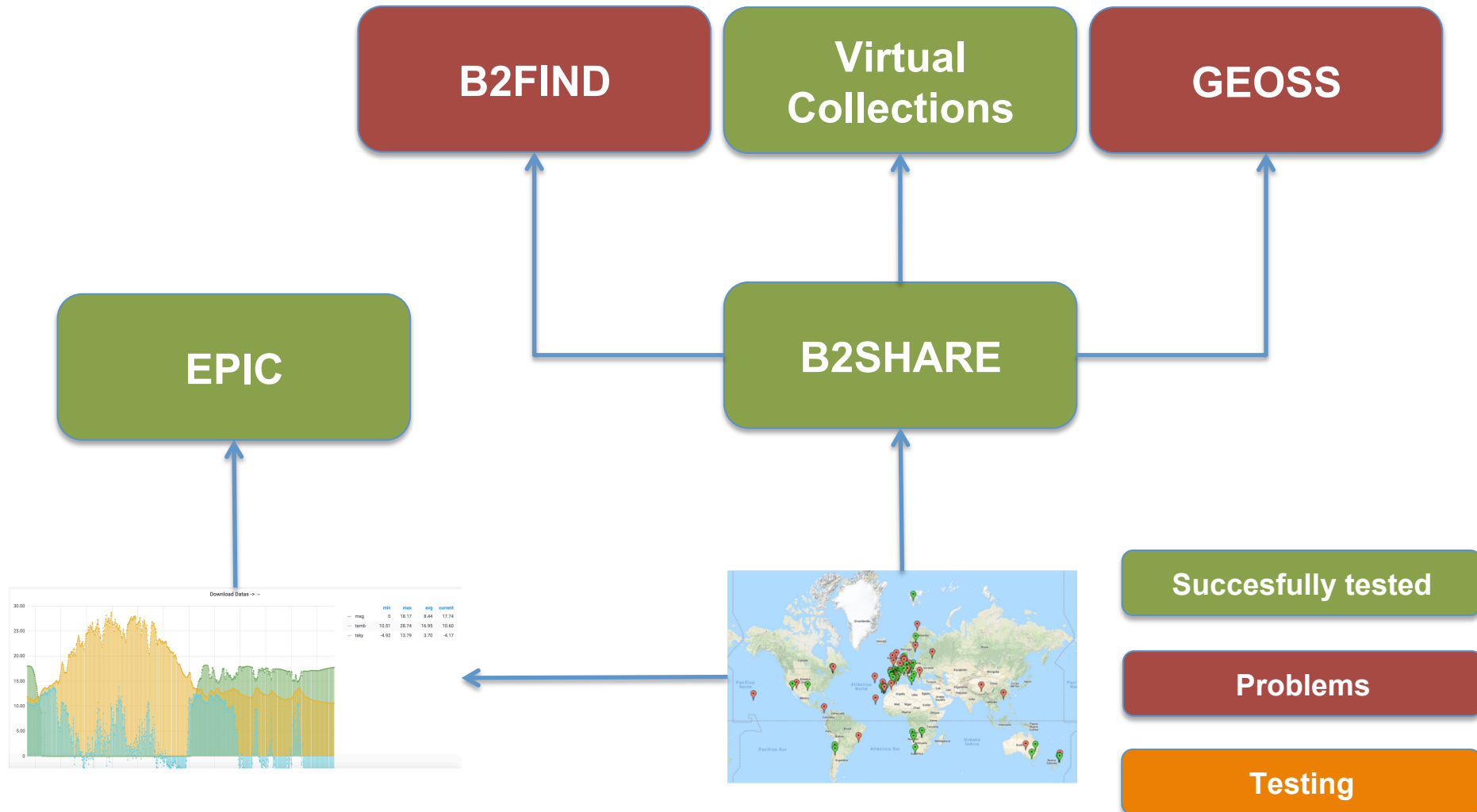
1 Reporting meeting

(07/10/2020)

STARS4ALL

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STARS4ALL and EOSC-Hub



B2SHARE

- We have uploaded almost 200 datasets of our photometer network B2SHARE the test instance <https://eudat-b2share-test.csc.fi/records?community=630291ac-db47-48bf-b8aa-7acdb482c430>
- We have used the API of B2SHARE with some scripts developed by STARS4ALL.
<https://github.com/STARS4ALL/b2share>
- B2SHARE will continue giving support on Q1
- Quote to use their service in the future requested (future modifications on community schema)
- We will move our data to the production service when the integration with GEOSS is complete on advise B2SHARE team, but possibilities have to be clarified urgently

GEOSS

- We have problems due to incompatibilities between B2SHARE provided metadata and GEOSS required metadata fields (geographic information).
- B2SHARE team is studying how to solve these incompatibilities.
- We do not know if the problem will be solved before the end of the project. So we will take a decision on it in the next months.
- Alternative plan: Create a translator between GEOSS and B2SHARE to provide the information required. We can deploy it in our EGI instance.

Virtual Collections

- We are testing the use of virtual collections to create and aggregate sets of photometers and integrate these in the STARS4ALL data management
- These networks belong to projects that have been created with National/European funds.
- We have created and published two virtual collections.



<https://collections.clarin.eu/details/1031>



<https://collections.clarin.eu/details/1029>

News: A big project has been tendered in Extremadura to build a light pollution control center and to deploy a network of 240 photometers.

OTHER SERVICES

- B2FIND
 - Waiting for the final deployment of STARS4ALL community on B2SHARE production service
- PIDs
 - We have access to the EPIC handle service of SURF
 - We have used the service to mint PIDs for each photometer. Two examples
 - <http://hdl.handle.net/21.T12995/93bcfed5-1473-4861-aff-55fdc2bd3693>
 - <http://hdl.handle.net/21.T12995/b5a986f9-412f-4bdf-a5ad-7e25580d27ea>
- EGI Notebook
 - We are still working in the educational notebooks for schools

Next Steps

- We have to decide if we continue with the integration of B2SHARE – GEOSS or not.
- Integration with B2FIND
- Continue discussion on SLAs
- Deployment of a load balancer on EGI VM platform
 - In the next months, we will host two nodes of our platform in Universidad Politécnica de Madrid and Instituto de Astrofísica de Canarias.
 - We will consider to pay a quote for a load balancer service.