

Report on the GEO Knowledge Hub Implementation Plan

PB-17 Meeting - June 2020

GEO Secretariat

Timeline

November 2019

Plenary-XVI: GEO Knowledge Hub prototype demonstration

January 2020

1st GIDTT meeting

January 2020

IP v1 sent to GIDTT for comments

February 2020

PB-16: Discussion on IP v1

February 2020

IP v2 sent to GIDTT for comments

March 2020

ExCom-51: Discussion on IP v2 + 2nd GIDTT meeting

April 2020

IP v3 sent to GIDTT for comments + 3rd GIDTT meeting

June 2020

PB-17: Discussion on IP v4

July 2020

ExCom-52: Final version of IP submitted for decision

Summary

- Scope of action for July 2020 - June 2021
- Leveraging existing resources
- Step-by-step approach
- Identification of users scenarios
- Risk assessment
- 5 tasks

Outline of major tasks

- 1) First version of the digital library (InvenioRDM based) → **September 2020**
- 2) Links to the GEOSS Infrastructure → **June 2021**
- 3) Identifying EO applications in the GWP → **June 2021**
- 4) Showcasing reusability of EO applications → **June 2021**
- 5) Improvements to the digital library (InvenioRDM based) → **June 2021**

Digital library design

- Based on InvenioRDM
- Turn-key design
- Flexible, scalable and customizable
- Open-source, stable solutions
- Vendor independent
- Supported by many institutions



 **BROOKHAVEN**
NATIONAL LABORATORY

 **Caltech** Library



 NATIONAL CENTER
FOR DATA TO HEALTH



 data futures

 **GEO** GROUP ON
EARTH OBSERVATIONS

 **HZDR**
HELMHOLTZ ZENTRUM
DRESDEN ROSSENDORF



Engagement of the GEO community



Adoption by the GEO community

Active contribution from GWP activities

End-users involvement & feedback

Lower barriers towards reusability

Maximizing impact

Benefits for GWP activities