

Call year:

2018

Location of the Action:

Belgium, Finland, France, Italy, Netherlands

Implementation schedule:

September 2019 to September 2022

Maximum EU contribution:

€2,639,607

Total eligible costs:

€3,519,476

Percentage of EU support:

75%

Coordinator:

Centre Informatique National de
l'Enseignement Supérieur (France)

<https://www.cines.fr>

Status:

Ongoing

DSI:

Public Open Data

Additional information:

Digital Single Market (DSM) strategy

<http://ec.europa.eu/priorities/digital-single-market>

DSM - Connecting Europe Facility

<http://ec.europa.eu/digital-single-market/connecting-europe-facility>

CEF Digital portal

<https://ec.europa.eu/cefdigital>

Innovation and Networks Executive Agency
(INEA)

<http://inea.ec.europa.eu>

EU Open Data Portal

<http://open-data.europa.eu/en/data/>

PHIDIAS

2018-EU-IA-0089



The Action's overall objective is to build a prototype for Data/High Performance Computing (HPC) services based on Earth sciences cases. The consortium will develop and provide new services to discover, manage and process spatial and environmental data produced by research communities tackling scientific challenges such as atmospheric, marine and earth observation issues.

More specifically, the Action will:

1. create sustainable HPC data-powered services for earth, atmospheric and marine data for researchers, industry and public sectors;
2. leverage networking infrastructures such as GEANT (GN4-2 Research and Education Networking), RENATER (Réseau National de Télécommunications pour la Technologie, l'Enseignement et la Recherche), FUNET (Finnish University and Research Network), to ensure end-to-end scientific workflows;
3. unite infrastructure to infrastructure services, including authentication, access to resources (pre- and post- processing, management and preservation of large volumes of digital information over time), and;
4. define and create a FAIR (Findable Accessible Interoperable Reusable) portal for the scientific community and data providers.

Beneficiaries:

Name:

Country:

Centre Informatique National de l'Enseignement Supérieur

France

Centre Européen de Recherche et de Formation Avancée en Calcul Scientifique

France

Centre National de la Recherche Scientifique

France

IT Centre for Science Ltd.

Finland

Geomatys

France

Institut de Recherche pour le Développement

France

Institut Français de Recherche pour l'exploitation de la Mer

France

Mariene Informatie Service MARIS BV

Netherlands

Néovia Innovation

France

Spascia

France

Finnish Environment Institute

Finland

Trust-IT

Italy

Université de Liège

Belgium