PHIDIAS

Prototype of HPC/Data Infrastructure for On-demand Services

PHIDIAS – Final Impact Webinar

Introduction

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The PHIDIAS project has received funding from the European Union's Connecting Europe Facility under grant agreement n° INEA/CEF/ICT/A2018/1810854.

A few points before we start

Welcome all !

Some information before we start:

This webinar is recorded and will be published on social platforms -

Participants are muted and…

Are invited to react, ask questions or share information through the discussion channel

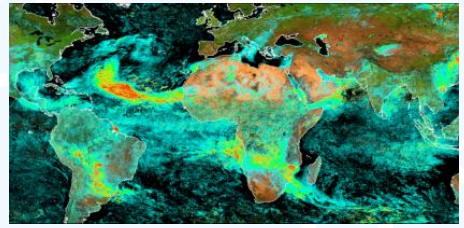
PHIDIAS in a nutshell (1/2)

- From September 2019 to September 2022
- - funded (Connecting Europe Facility Programme)

- Main objective:

To build a prototype of distributed HPC/Data infrastructure and demonstrate it through 3 use cases

- The use cases belong to the Earth Science Systems domain
- They are both academic and business-driven



PHIDIAS in a nutshell (2/2)

- Partners from
  - HPC (CINES, CERFACS, CSC) & Data (CNRS, IFREMER) Infrastructures
  - Academia (IRD, SYKE, U. Liège)
  - Business (Geomatys, Maris, Spascia)
  - Support (Neovia, Trust-IT)
- Strong links with other EU initiatives

Among which

EUROPEAN OPEN SCIENCE CLOUD

EuroHPC Joint Undertaking

opernicus Europe's eyes on Earth

SeaDataNet

Agenda

- Presentation of the main PHIDIAS results (in 2 hours)
  - Presentations (10’ each)
    - *Overview*
    - *PHIDIAS use case results*: atmosphere and ocean
    - *PHIDIAS technical results*: architecture and business catalog
    - *PHIDIAS results in perspective*: towards exascale and vision of the Scientific & Users Committee
  - Round-table (30’)
    - Transversal topics
  - Wrap-up (10’)

Speakers and staff

Julie ABERGAS-ARTEZA
Trust-IT
WP7 (Communication)

Boris DINTRANS
CINES
Project Coordinator

Matthieu BASTIANELLI
Geomatys
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Rennes 1 University
Scientific & Users Committee (SUC) Coordinator

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WP6 (Ocean use case)

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SPASCIA
WP4 (Atmosphere use case) Leader

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CINES
WP2 (HPC & HPDA) Leader

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