THE GREEN DEAL DATA SPACE

EUROGI “Geospatial Data Space” Conference

Madrid, 26th October 2023

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GREEN DEAL DATA SPACE FOUNDATION & ITS COMMUNITY OF PRACTICE
Data for the Green Deal

Green Deal Data Space
A federation of data ecosystems enabling policy makers, businesses, researchers and citizens, from Europe and around the world, to jointly tackle climate change.

GREAT Green Deal Data Space Foundation & its Community of Practice

Digital Europe Programme
Duration: 18 Months
Starting date: September 2022 – February 2024
Consortium: 14 Partners

GREAT is brought to you by:

- IDC
- egi
- cesnet
- EARSC
- ECMWF
- eodc
- SURF
- Utrecht University
- Wageningen University & Research
- EPoS
- Instytut Geofizyki Polskiej Akademii Nauk
- seascape

Single Market for data COM/2020/66
Climate and environmental-related challenges COM/2019/640
GREAT Community of Practice

5 Reference Use Cases
20 Stakeholders forming Task Forces
473 Organizations involved
Approach: Key Multidisciplinary Use Cases

**Marine Task Force**
- **EMODnet**
  A long-term marine data initiative for in situ marine environmental and human activities data, funded by the European Maritime, Fisheries and Aquaculture Fund, bringing on board marine ecosystem
  - Biodiversity
  - Zero pollution
  - Climate change adaptation

**Water Task Force**
- **Global hydrology modeling**
  - Seasonal forecasting of water resources
    Global hydrological simulations with the PCR-GLOBWB2 hydrological model, which is being used in seasonal forecasting of water resources.
    - Zero pollution - water
    - Climate change adaptation - geohazards

- **BioGIS 360**
  Tool for biodiversity monitoring providing information on the possible environmental impacts during the new green power plants planning.
  - Biodiversity
  - Climate change adaptation

**EPOS**
EPOS, the European Plate Observing System, is a multidisciplinary, distributed research infrastructure that facilitates the integrated use of data, data products, and facilities from the solid Earth science community in Europe.
- Zero pollution
- Climate change adaptation

**YOUR USE CASE**
- **GET INVOLVED**
  - Biodiversity
  - Zero pollution
  - Climate change adaptation
Pillars of the Green Deal Data Space

GREAT builds the Community of Practice to define together the vision for the GDDS composed of:
- Priority Datasets
- Technical Blueprint
- Governance & Business Models

To be presented in the implementation roadmap...
Why Data Spaces and why now?

free flow of data & single market
regulatory frameworks  cross-domain data access
standardise data sharing practices  ML
data sovereignty  Digital twin
AI values (privacy, security, fairness)
empower data innovation & new business models
data analytics  connect data silos

We are tech ready!
Green Deal Data Space
Stakeholder Forum
– Climate Change Adaptation

📅 16 November 2023  🕒 14:00-16:30 CET

Scan to register for the next event!

https://www.greatproject.eu/  @GreenDealDS  Green Deal Data Space

Join consultations
Join next Stakeholder Forum
Thank you for your attention

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Would you like to join GREAT?