



The GREAT Project

Paolo Mazzetti



GREAT
Green Deal Data Space



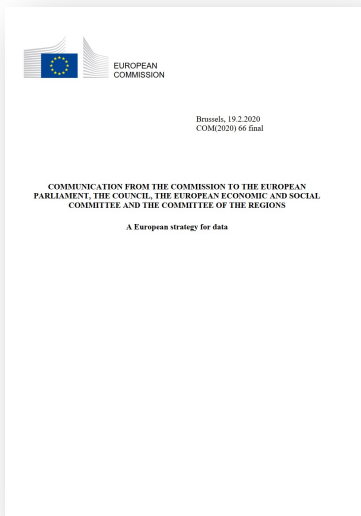
A European Strategy for Data [2020]

A COMMON EUROPEAN DATA SPACE, A SINGLE MARKET FOR DATA



“...Data-driven innovation will bring enormous benefits for citizens, for example through improved personalised medicine, new mobility and **through its contribution to the European Green Deal...**”

“...In order to release Europe’s potential we have to find our **European way**, balancing the flow and wide use of data, while preserving high privacy, security, safety and ethical standards...”





Data spaces implementation



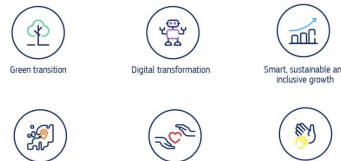
“...common support actions will lay the basis for the development of each of the data spaces concerned through community building and preparatory work on interoperability and governance...”



“...R&I actions to develop the tools to allow data sharing in common European data spaces...”



“Six pillars of the Recovery and Resilience Facility”



DIGITAL-2021-CLOUD-AI-01-PREP-DS-GREEN-DEAL – PREPARATORY ACTIONS FOR THE EUROPEAN GREEN DEAL DATA SPACE



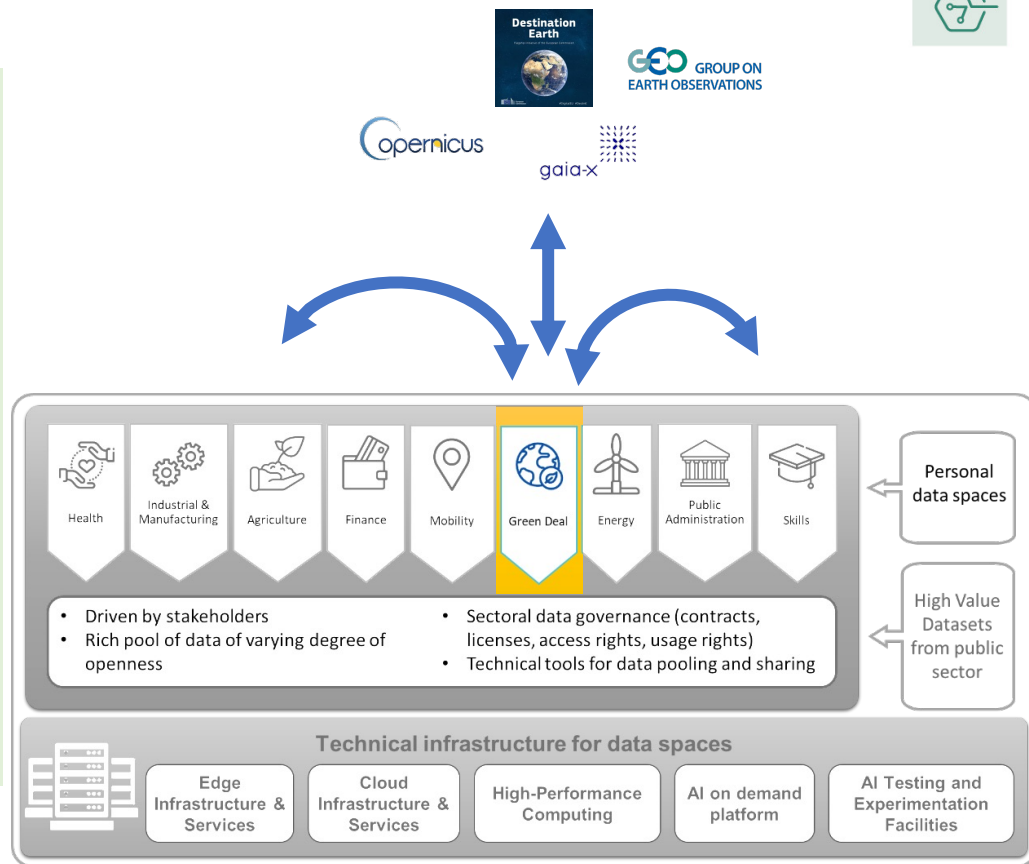
HORIZON-CL6-2021-GOVERNANCE-01-17 - COMMON EUROPEAN GREEN DEAL DATA SPACE TO PROVIDE MORE ACCESSIBLE AND EXPLOITABLE ENVIRONMENTAL OBSERVATION DATA IN SUPPORT OF THE EUROPEAN GREEN DEAL PRIORITY ACTIONS



The Green Deal Data Space

THE GREEN DEAL DATA SPACE

- ❖ will interconnect **currently fragmented and dispersed data from various ecosystems**, both for/from the private and public sectors.
- ❖ will offer an **interoperable, trusted IT environment**, for data processing
- ❖ will provide a **set of rules** of legislative, administrative and contractual nature that determine the rights of access to and processing of the data.





The GREAT Project

[September 2022 – February 2024]

1
2030
Biodiversity
Strategy

2
Zero
Pollution
Action
Plan

3
Climate
Change
Adaptation
Strategy

**Community
of Practice**

REQUIREMENTS



**High Priority
Datasets**

**Technical
Blueprint**

**Governance
& Business
Models**

Industry

Science and technology

Government

Society

A bracket groups these three icons, indicating they are related to the Roadmap component.

Roadmap





GREAT and EuroGEO/GEO



- Technical Blueprint
 - Digital ecosystem, soft infrastructure (agreements and logical building blocks)
 - Re-use, integration of existing initiatives, platforms, tools at European level
 - Interoperability architecture
 - Lessons learned from the European contribution to GEOSS (community standards+mediators, APIs)
 - Security & trust architecture
- European initiatives are part of the design
 - Research infrastructures (EPOS)
 - Community infrastructures (EMODNET)
 - GEO Flagships (GOS4M)
 - Copernicus Services, DestinE, ...
- GDDS vs. GEO/GEOSS
 - Focus on data sharing and trust, vs. focus on knowledge generation (Earth Intelligence)
 - GDDS focus on governance
 - Focus on European Green Deal vs. focus on engagement priorities



GREAT Project

Thank you!

