



Webinar

European Green Deal Data Space

Deployment call

DIGITAL-2024-CLOUD-AI-06 – Call 6 Digital Europe Programme

6 March 2024

Agenda

Time	Presentation
10:00 – 10:10	Opening & Welcome <ul style="list-style-type: none">• Unit G1 DG CNECT Federico Milani (Deputy Head of Unit)• Unit 01 DG ENV Johannes Schilling (Deputy Head of Unit)
10:10 – 10:30	European Green Deal Data Space - Presentation on the call for proposals, objective, use cases other specs and requirements <ul style="list-style-type: none">• Johan Bodenkamp DG CNECT• Sotirios Kanellopoulos DG ENV
10:30 – 10:40	Data Space Support Centre (DSSC): what kind of support to expect during the implementation of the Grant (Ana Garcia Robles BDVA)
10:40 – 11:10	Questions & Answers on the call for proposals / Use-cases/ DSSC half an hour, interactive session
11:10 – 11:20	Coffee break
11:20 – 11:35	Results and resources from the preparatory action regarding the European Green Deal Data Space (CSA project) – (Nevena Raczko IDC)
11:35 – 13: 15	Applicants' session: <ul style="list-style-type: none">• Pitches from potential applicants/ coordinators• Match making

Join at
slido.com
#GDDS2024



Call – Key Features

Timetable and deadlines (indicative)	
Call opening:	29 February 2024
<u>Deadline for submission:</u>	<u>29 May 2024 – 17:00:00 CEST</u> <u>(Brussels)</u>
Evaluation:	June-July 2024
Information on evaluation results:	July-August 2024
GA signature:	February 2025

Call – Key Features

- Type of action: **Simple grant**

Simple Grants are a flexible type of action used by a large variety of topics and can cover most activities. The consortium will mostly use personnel costs to implement action tasks, activities with third parties (subcontracting, financial support, purchase) are possible but should be limited

- Maximum grant amount: **8 mln EUR** per project
- Funding rate: **50%**
- Reimbursement certain types of eligible **costs** that were **actually incurred** for the project (not the budgeted costs).
=> see budget categories and cost eligibility rules in call text
- Consortium composition: minimum **3** independent **beneficiaries** from **3** different eligible **countries**
- Project duration: **24 to 36 months**
- Ideally **one** big project to be funded

Call – Objective

Deploy an operational Green Deal Data Space (GDDS)

- The action is expected to deploy a **technical infrastructure and governance mechanism** for the GDDS with **related use cases**
- The action should enable **reusing and sharing data from existing relevant private and public data ecosystems**, which will feed new services and applications that **contribute to** reaching the objectives of the **Green Deal**
- The action should **take into account** the latest developments in the data strategy and green deal landscape, in particular:
 - Results of the **DIGITAL GREAT project** regarding preparatory actions for the Green Deal data space
 - Results of relevant HORIZON EUROPE projects to provide more accessible and exploitable environmental observation data in support of the European Green Deal priority actions ([AD4GD](#), [B-Cubed](#), [FAIRiCUBE](#), [USAGE](#))

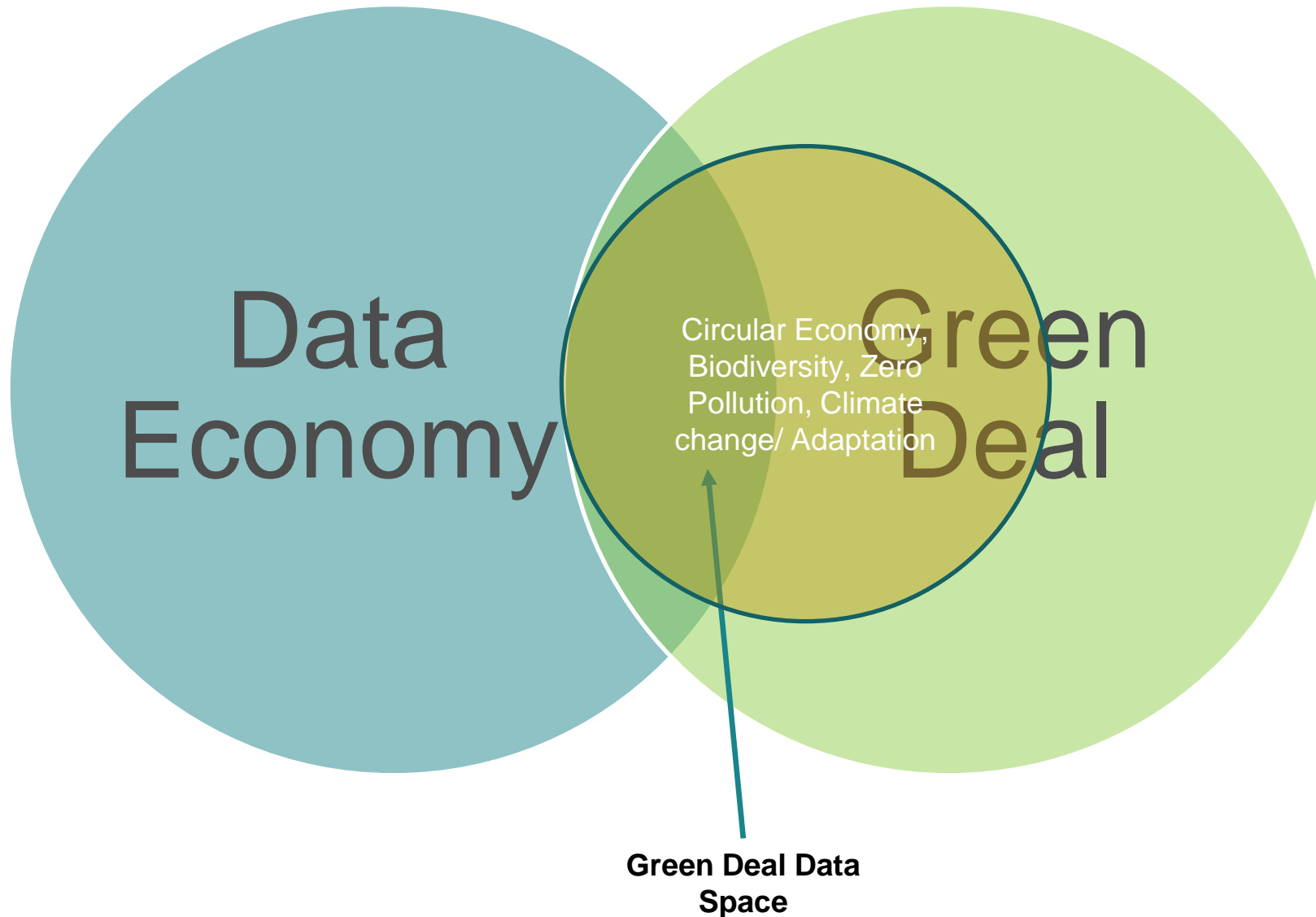


Green Deal Data Space – Use-cases

2024 March 06 – DG CNECT/ DG ENV

Digital Europe Programme #DIGITAL2024CLOUD-AI-06-GREENDEAL

The scope of the **European Green Deal Data Space**



Use-cases for the EGGDS

- This Call invites you to structure your proposals **around use-cases**
- The call has **identified 3 use-cases of Interest** – linked to some of recent European Commission policy initiatives
- **These 3 use-cases of interest are not restrictive.**
- **“Any Data Space use-case** whose principal value lies in at least one of the four focus areas is in scope”



Biodiversity



Circular Economy

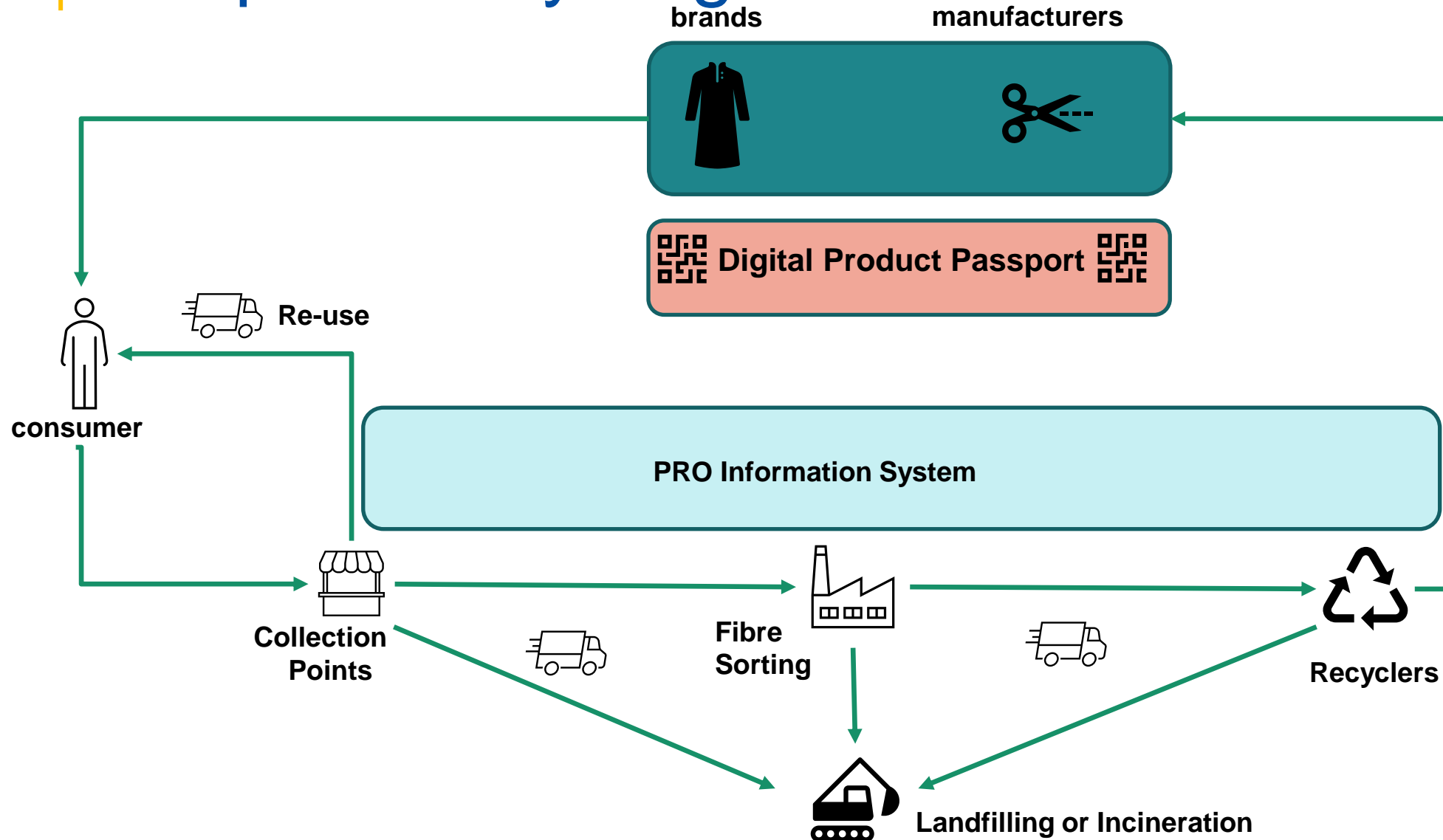


Zero Pollution



Climate change

Use Case 1: DPP-ready Producer Responsibility Organization Information System



The “combined” DPP/ PRO-IS forms a Data Space: examples of value creation

- **Life duration of textiles**
- **Waste flows at brand level**
- **Which data to feed-back to the DPP of newly manufactured products**
- **High granularity data in the sorting reports attached to shipments for re-use**
- **Ideas about how to leverage the data/ capacities of DPP in the context of a Data Space are welcome. Be it textiles or other value chains**

Use Case 2: “due diligence” systems for companies supply chains

- **private operators** care more and more about their **own environmental and sustainability performance**.
- This is either due to the **imperative for compliance** to legislations like the Corporate Sustainability Reporting Directive , EU Deforestation Regulation or the Ecodesign for Sustainable Products Regulation
- Or due to the **pursuit of competitive advantage** in the sustainability race.
- This CFP aims to **fund infrastructures/ applications** that help private operators in their reporting/ sustainability journey and create value

Use-Case 2 :Due Diligence for deforestation free products



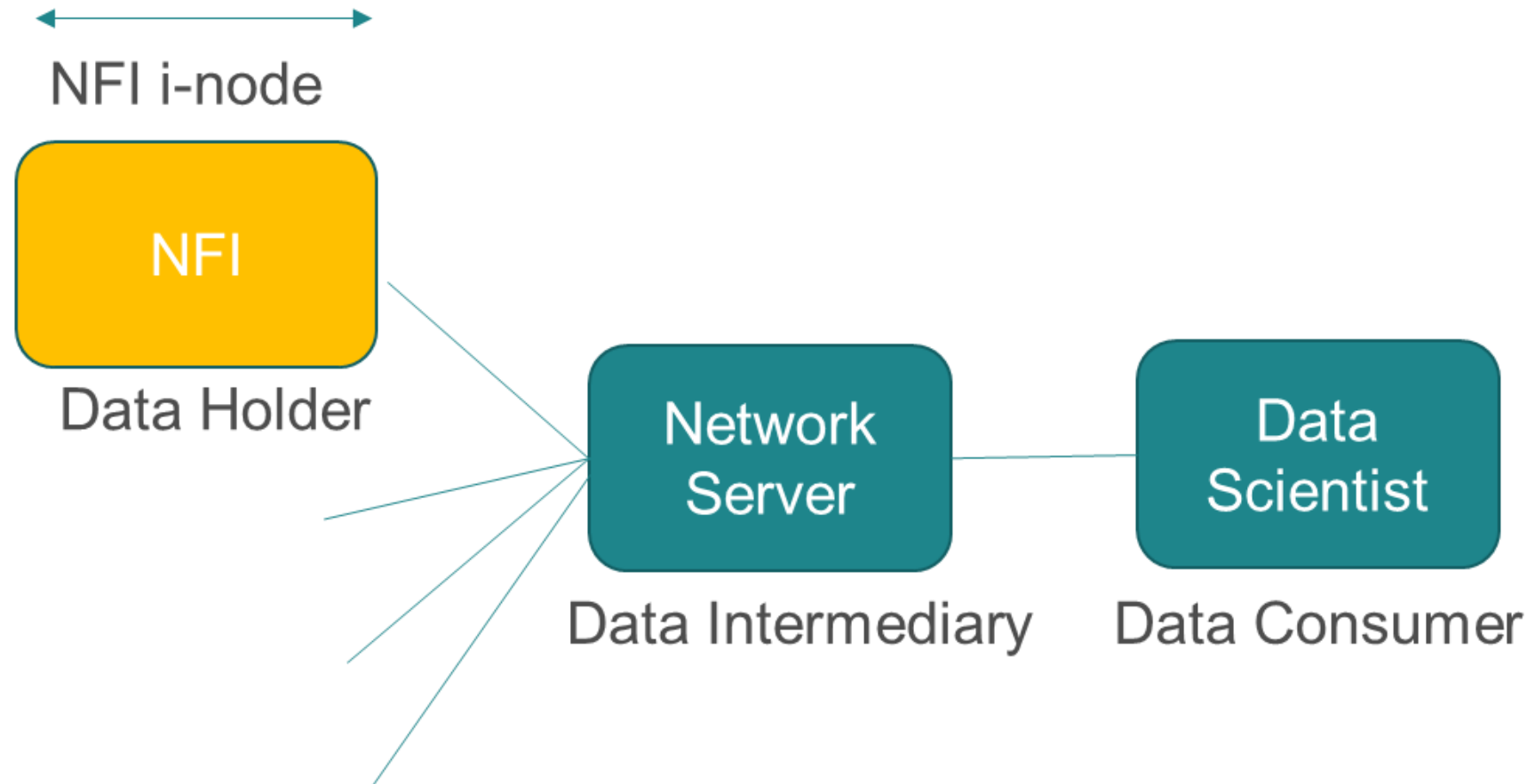
Use Case 2: “due diligence” systems for companies supply chains

- Regardless if you have **already invested** in a due diligence system and have already a beta version and look to invest further or **you are starting to invest now**, we think that the Green Deal Data Space is an interesting program for you.
- Where the imperative to **disclose upstream in the value chain** with other private operators collide with the need to **protect commercially confidential information**, applicants should propose digital solutions and protocols resolving such tension
- Applicants are encouraged to explore ways that data collected and shared in the context of due diligence can be **used as a product** for creating further value and propose potential business models

Use-case 3: National Forest Inventories and confidentiality preserving technologies

- The **National Forest Inventories**
- In contrast to the previous use-cases, in this one data (NFIs) are used as “**ground-truth data**” for training and validating ML models for forest monitoring
- Our proposal for a Forest Monitoring law has a provision for **Confidentiality Preserving Safeguards** to protect confidential attributes of NFIs and ensure **data re-use**
- While the decision making process is ongoing, this use-case is about the **technological elements of those safeguards**
- This CFP is asking for A **Confidentiality Preserving Infrastructure** that allows to access NFI data for training ML **without compromising the confidentiality constraints**

Use-case 3: National Forest Inventories and confidentiality preserving technologies



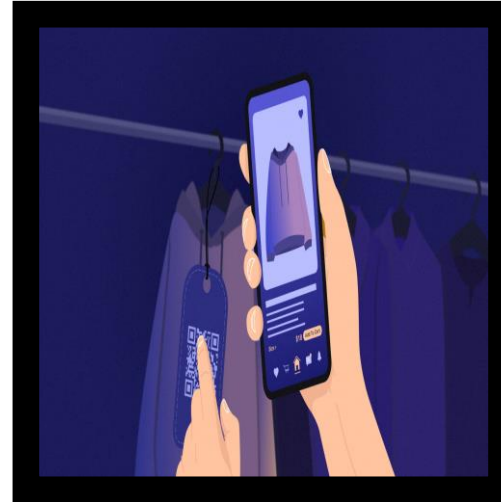
Use-cases demonstrating synergies are encouraged



**Thematic Data
Spaces**



**Destination
Earth**



**Digital Product
Passport**



**Local Digital
Twins**

Outcomes and deliverables

- A governance structure for the GDDS
- A GDDS data-governance algorithmic mechanism
- A GDDS technical infrastructure for operating the selected use cases
- High-value, reusable datasets relevant for the selected use cases and more broadly the focus areas •
- A stakeholder mapping analysis of those who could join the data space after the end of the project.
- A set of concrete policy recommendations that will complement digital solutions in the implementation of the selected use cases.
- Operational / Financial Sustainability of the GDDS

Other Specifications and Requirements



- Work in close partnership with the **Data Spaces Support Centre** ([DSSC](#)):
 - ensure alignment with the rest of the ecosystem of data spaces implemented with the support of Digital Europe Programme (data spaces reference architecture; common building blocks, toolboxes and standards; and data governance models)
- Use, in so far as possible and when available, the **smart cloud-to-edge middleware platform** [Simpl](#):
 - proof-of-concepts released by summer 2024
 - Minimum Viable Platform released end 2024
- active integration and **participation of data holders and users**
 - ensure that the data space is designed and structured to meet participant's needs
 - make the data space relevant and aim for high adoption rates and a strong sense of ownership of data holders and users by the end of the project's runtime
- Work from the outset towards achieving **financial sustainability** by the conclusion of the project action

Eligibility Applicants

- Public or private legal entities (natural persons not eligible)
- Established in eligible countries (EU27, EEA, countries associated to Digital Europe => [list participating countries](#))
- Restricted call, application art.12(6) Digital Europe Regulation:
 - Entities must **not** be directly or indirectly **controlled from a country that is not an eligible country, unless** they comply with the requirements to **guarantee** the protection of the essential security interests of the Union and the Member States, and to ensure the protection of classified documents information as set out in the relevant work programme (conditions for foreign controlled entities – guarantees)

=> Participants* to submit a declaration to **determine the ownership and control status**

** Beneficiaries and affiliated entities, associated partners and subcontractors - except for entities that are validated as public bodies by the Central Validation Service*

- Project **activities** can only take place **in the eligible countries**

How to submit an application



A 2-step process:

1) Register your organisation in the [Participant Register](#)

=> you will receive a 9-digit participant identification code (PIC).

2) Submit the proposal in 3 parts in the Funding & Tender Portal ([topic page](#)):

- ✓ Part A: administrative information (applicant organisations and budget for the proposal).
- ✓ Part B: description of the action with the technical content of the proposal (maximum 70 pages)
- ✓ Annexes: ownership control declarations (beneficiaries and affiliated entities, associated partners and subcontractors)

=> *Check call text and related documentation for exhaustive information*

More information

All in the [topic page](#) of the **Funding & Tender Portal**:

- Call text DIGITAL-2024-CLOUD-AI-06-GREENDEAL
- Digital Europe Work Programme 2023-2024
- EU Funding & Tenders Online Manual
- AGA – Annotated Grant Agreement
- Guidance on participation in DEP – restricted calls
- Topic related FAQ
- Funding & Tenders Portal FAQ (general)
- IT Help Desk
- **Partner search announcements**





European
Commission

Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

- HOME
- SEARCH FUNDING & TENDERS ▼
- HOW TO PARTICIPATE ▼
- PROJECTS & RESULTS
- WORK AS AN EXPERT
- SUPPORT ▼

European Green Deal Data Space

DIGITAL-2024-CLOUD-AI-06-GREENDEAL

Topic Call for proposal

Internal navigation



General information

Topic description

Conditions and documents

Partner search announcements

Start submission

Topic related FAQ

Get support

Call updates

General information

Programme

Digital Europe Programme (DIGITAL)

Call

Cloud, data and artificial intelligence (DIGITAL-2024-CLOUD-AI-06)

Type of action

DIGITAL-SIMPLE DIGITAL Simple Grants

Type of MGA

DIGITAL Action Grant Budget-Based [DIGITAL-AG]

Deadline model

single-stage

Opening date

29 February 2024

Topic description

Thank you for your attention



ec.europa.eu/



[europeancommission](https://www.instagram.com/europeancommission)



europa.eu/



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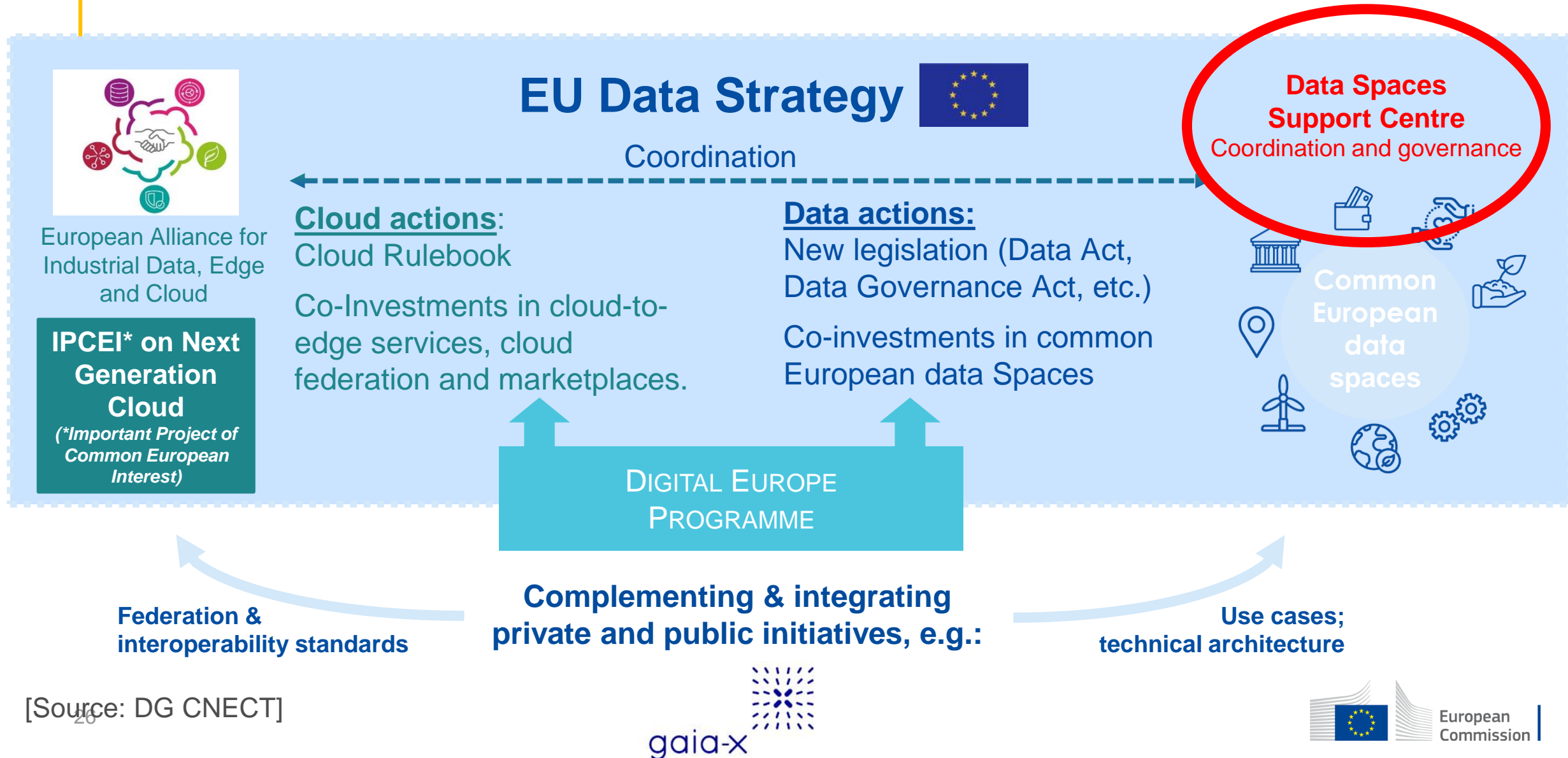
[European Commission](https://www.linkedin.com/company/european-commission)



**DATA SPACES
SUPPORT CENTRE**

DATA SPACES SUPPORT
CENTRE

The European Data strategy



DSSC.EU

Data Spaces Support Centre

- The virtual organization and EU-funded project which supports the deployment of common European data spaces and promotes the reuse of data across sectors

Partners

Associated partners





DATA SPACES SUPPORT CENTRE

Closely work with CSAs
and projects funded under
DIGITAL

Create a
network of
stakeholders

Identify the
common
requirements

Support the work of the
envisaged European
Data Innovation Board

Create a platform for
knowledge exchange

Support the deployment of data spaces

[Source: DG CNECT]



European
Commission

DSSC Network of Stakeholders (NoS)

DSSC Network of Stakeholders

Initiatives and bodies DS need to collaborate with for alignment and/or holistic picture
Bring requirements, knowledge, influence, alignment

Collaborations and liaisons
Other relevant initiatives and bodies

Set up, run or provide technology for Data Spaces
Hands-on community
Learn from each other, align, contribute

Community of Practice (CoP)
Data Spaces initiatives
BB implementers

Enablers, influencers and users of Data Spaces
Have expertise on the matter
They have committed resources
Advice, give direction and contribute

Strategic Stakeholder Forum (SSF)
Organisations with expertise in Data Spaces

SUPPORT

Data Spaces Support Centre

ASSETS

The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.

DSSC Community of Practice (as per March 2024)

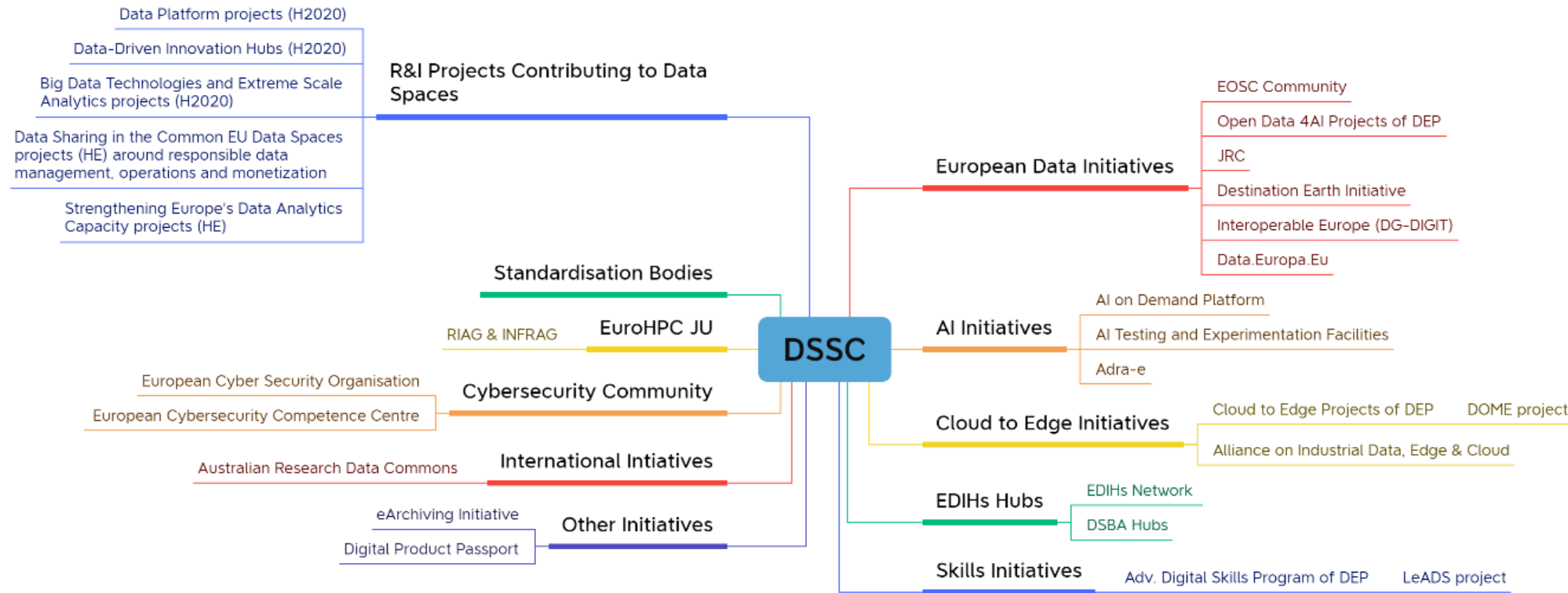


- Relationship Manager
- Regular group discussions
- Thematic Groups
- Expert groups
- Regular communications
- Insights and visibility
- Events
- Community
- Support

Collaboration with SIMPL started

The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.

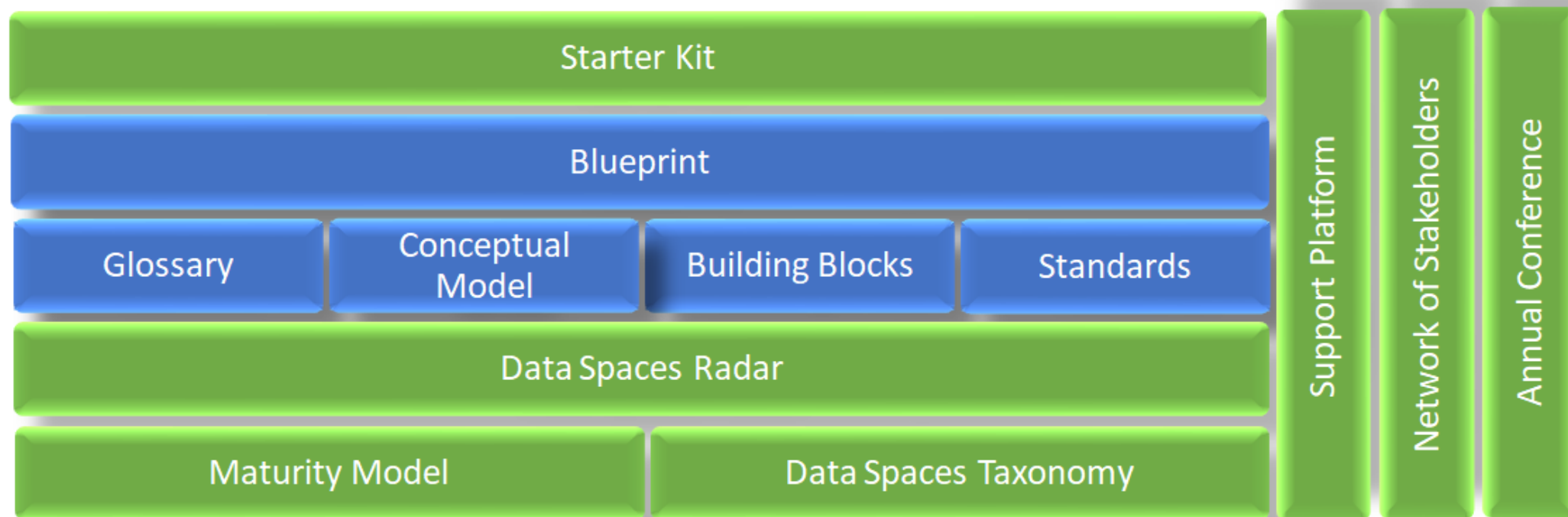
Collaborations and liaisons (March 2024)



The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.

Coordination of synergies and matchmaking with CoP

DSSC assets (offering v0.5)



Updated offering to be released at
the Data Spaces Symposium
(March 12-14)

Data Spaces Support Centre releases

<https://dssc.eu/page/knowledge-base>



Starter Kit



Blueprint



**Building
Blocks**



**Conceptual
model**



Glossary



**Collection of
Standards**

The Data Spaces Support Centre receives funding from the European
Union Digital Europe Programme under grant agreement n° 101083412.

Building Blocks (v0.5)

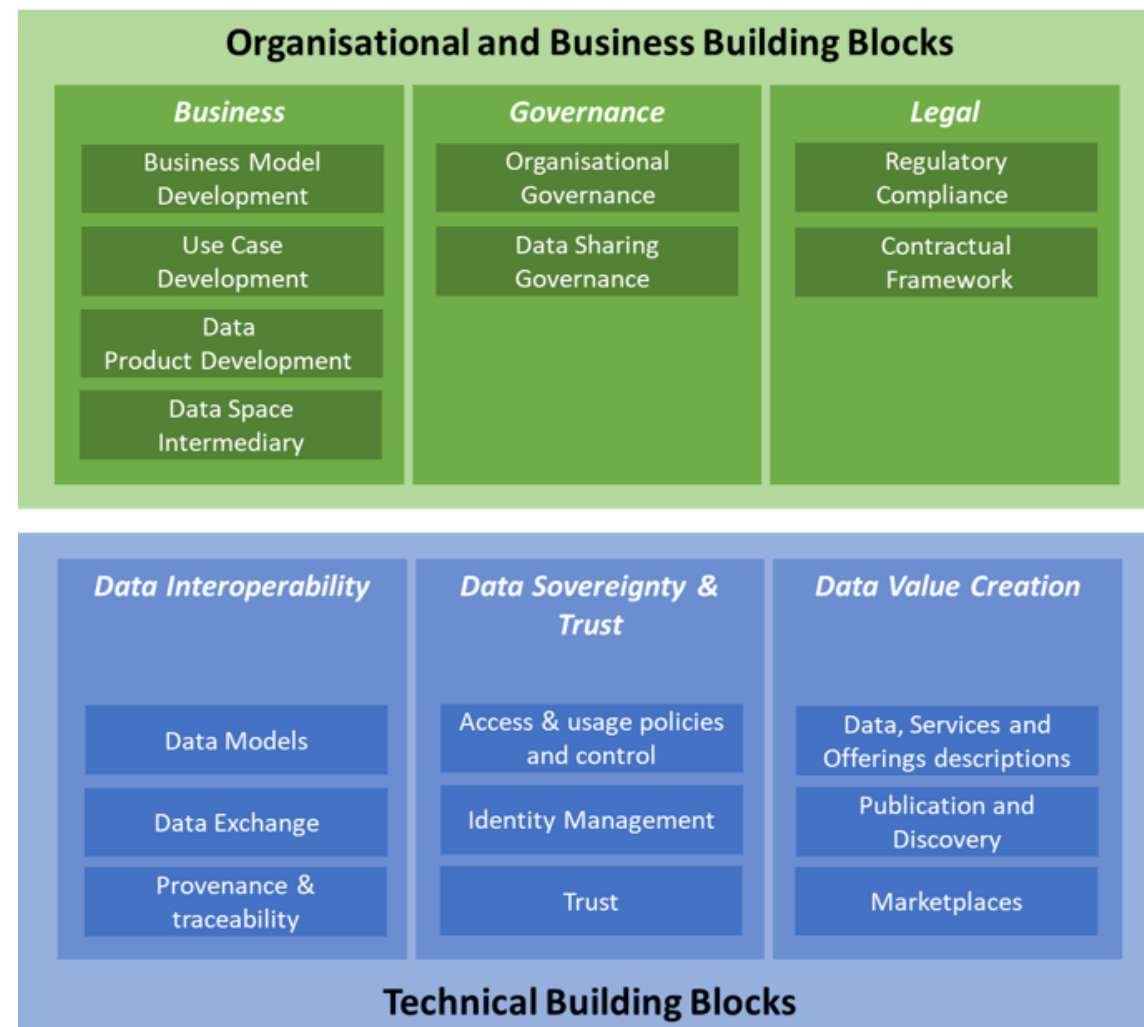
Organisational & business building blocks

Describe capabilities on a governance, legal and business level.

Technical Building Blocks

Describe capabilities on a technical level about:

Data Interoperability
Data Sovereignty & Trust
Data Value Creation



Engage with us!

For support or contributions

Visit www.dssc.eu for support and subscribing our Newsletter!

Support & newsletter

General questions about the Data Spaces Support Centre? Or need advice on data spaces?

We are here to help you! Do you have questions about the DSSC? Would you like to learn more about the concept of data spaces? Do you need advice on how to set up a data space? Are you interested in a specific asset? For these and all other questions – contact us!

First name *

Last name *

Email *

Organisation/Company

Subject *

Please select the type of your request *

Subscription to the DSSC newsletter

Your Message *

Declaration: *

☐ By setting the check mark I declare that my registered personal data is electronically processed and saved for the purpose of processing of my inquiry I am free to cancel this agreement at any time by means of a message to contact@dssc.eu / support@dssc.eu / newsletter@dssc.eu. For more information please see our data privacy policy.

Send

Visit the [DSSC Platform](https://www.data-spaces-symposium.eu/) for support and engagement!

Welcome to the Data Spaces Help Center

Hilfe und Services finden

Welcome! You can raise a request among the following options.

Womit können wir Ihnen weiterhelfen?

- Getting Information**
Looking for a document, not sure about a definition, missing an information about the DSSC?
- Getting Support**
Looking for practical support while setting up you data space project?
- Getting Involved**
Looking to collaborate with the DSSC on the co-creation of assets?

Zugehörige Ressourcen

- FAQ**
Take a look at our Frequently Asked Questions
- Knowledge Base**
Learn more about DSSC assets in our documentation
- DSSC Youtube Channel**
Explore best practices on DSSC platform as well as get started videos for data spaces

Follow our monthly **Insight Series**

"How To Build Data Spaces" taking place today!

- Register [here](#)
- Recording [here](#)

Data Spaces Symposium

Unite. Innovate. Adopt.

12-14 March 2024 | Darmstadtium, Frankfurt Region

<https://www.data-spaces-symposium.eu/>

The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.





Funded by
the European Union



GREAT

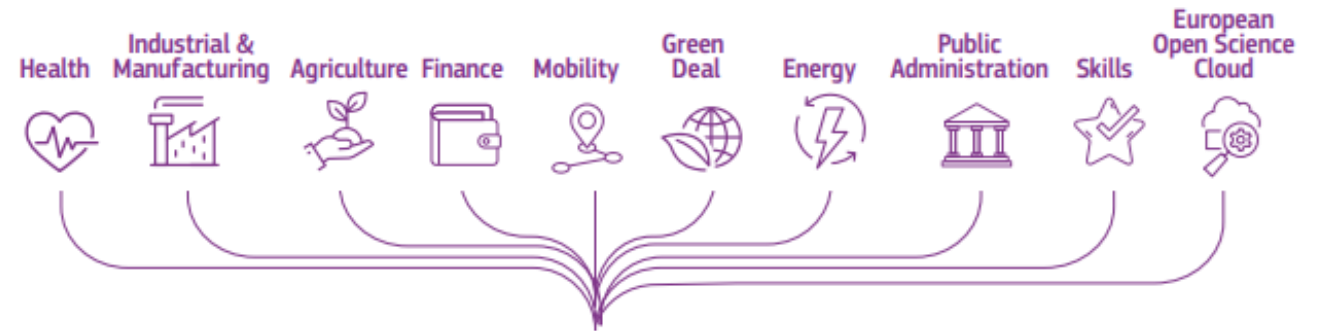
Nevena Raczko
Project Manager



GREEN DEAL DATA SPACE FOUNDATION & ITS COMMUNITY OF PRACTICE



GREAT | The Green Deal Data Space



- Technical tools for data pooling and sharing
- Standards & interoperability (technical, semantic)
- Sectoral Data Governance (contracts, licenses, access rights, usage rights)
- IT capacity, including cloud storage, processing and services

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.

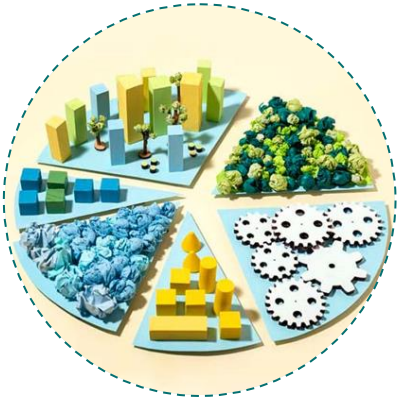
- **Duration:** 20 Months
- **Running:** September 2022 – April 2024
- **Consortium:** 11 Partners 3 Associated Partners
- **Funding:** Digital Europe Programme (CSA)



Funded by
the European Union



Key Pillars



Community
of Practice



Technical
Blueprint



Governance & Business
Models



High Priority
Data Sets

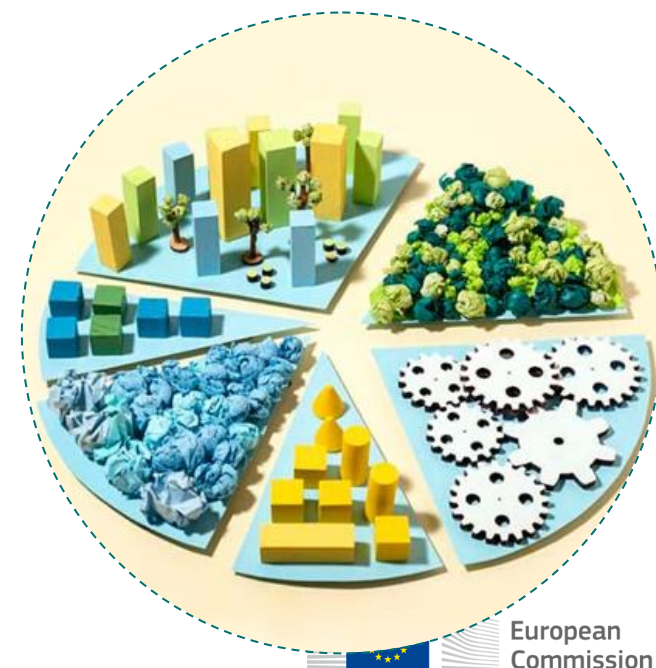


Roadmap

Strategic EGD Actions



Community *GDDDS*



16

Reference Use Cases & Initiatives



4

Stakeholder Fora



500+

Stakeholders



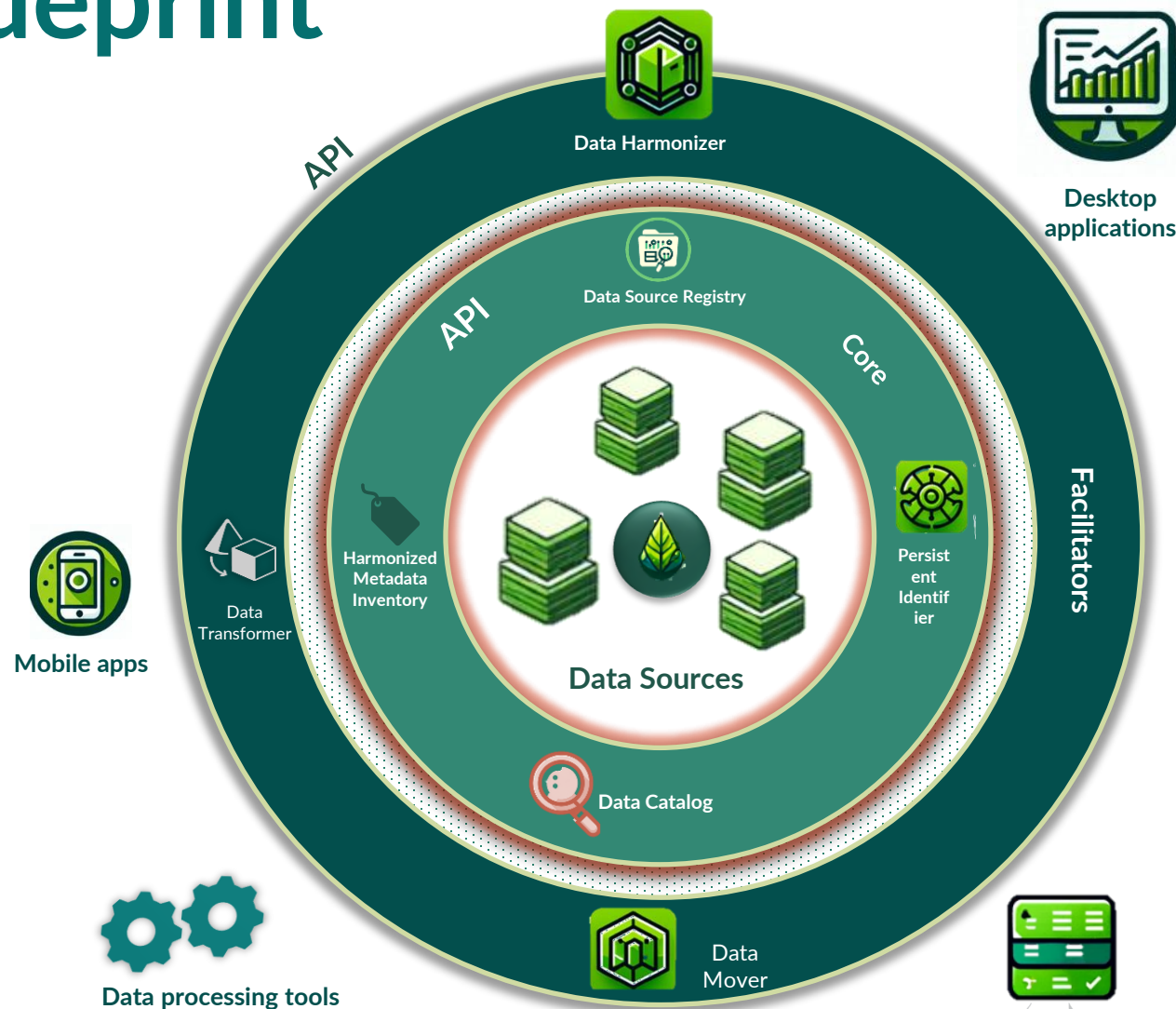
Technical Blueprint

GDDS Digital Ecosystem

The GDDS is characterized by a high level of heterogeneity, with many already existing data sharing initiatives that offer their resources to diverse consumers, which mirrors the current state of (geospatial) data sharing globally.

Establishing a single "common format" is not possible in a multidisciplinary context like GDDS.

The challenge is how to transform a collection of disparate systems that use different technical standards into a digital ecosystem. This requires a minimal set of logical components that enable the ecosystem's digital environment.



Governance



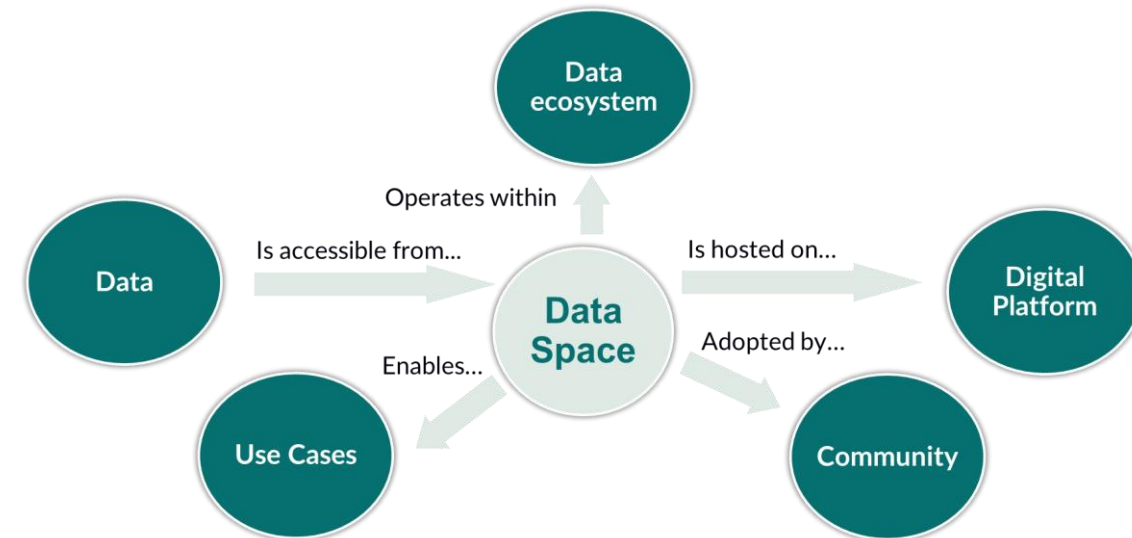
GOVERNANCE is the process for making decisions about an entity
Choosing the questions that must be decided – “Requirements”

Business models

What is the value of a data space for ?



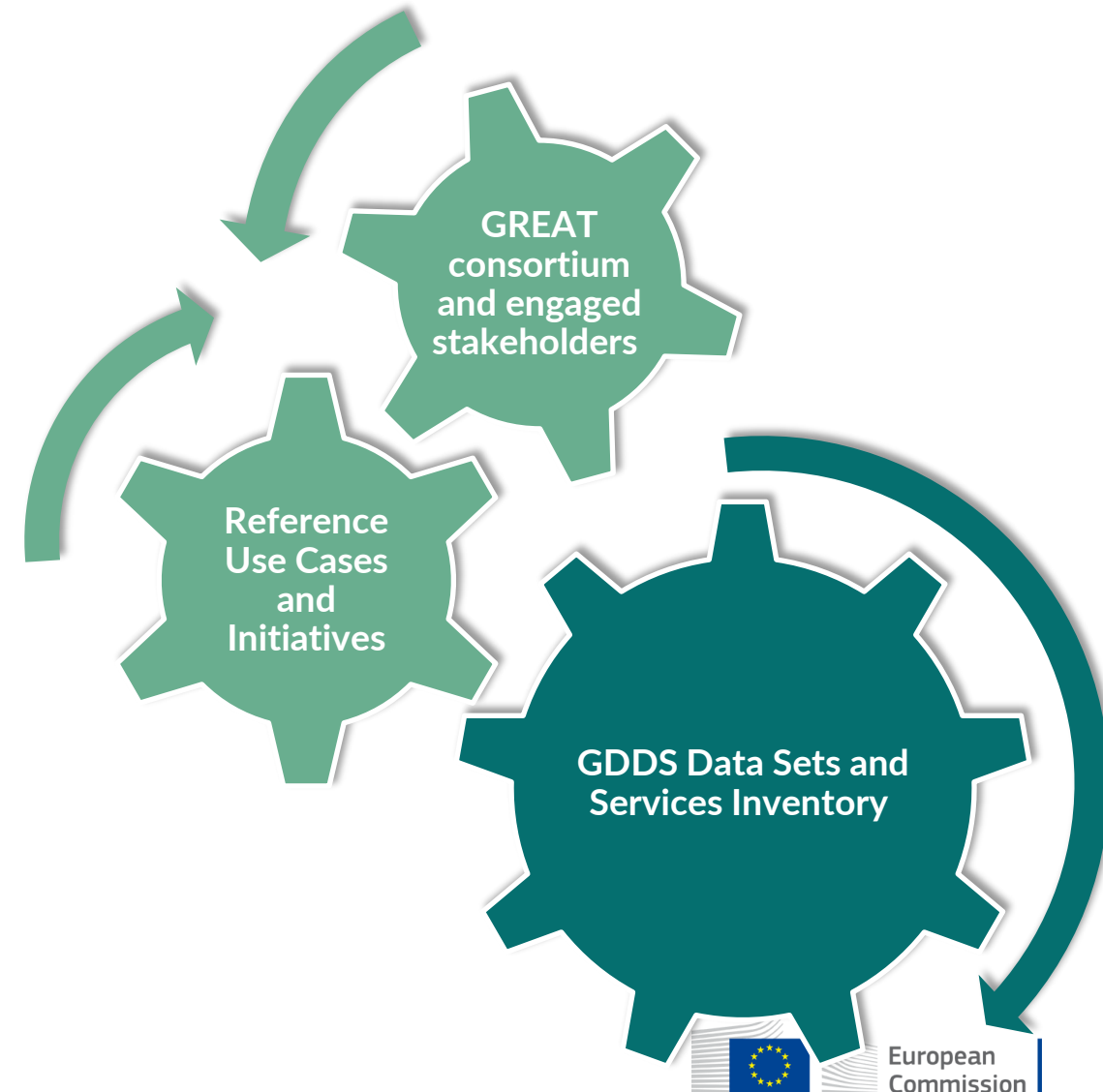
- **A lawyer:** regulatory enforcement, case laws
- **A policy maker:** Do I have evidence/indicators to support targets?
- **A scientist:** data for research, publications
- **Citizens:** where shall I put my data?
- **SME/Public administrations:** easy data access for value added services, public services. An opportunity to share data in a cost effective way
- **DS Community:** Consensus that value is good use cases
- **Industry:** increase competitiveness in data economy. I want my data everywhere – but still under my control! Standardised data license agreements.
- **Circular economy:** Share and exchange required information with partners and regulators.
- **Existing well established data initiatives** (e.g. EMODNet, GEO): Access to cross-domain data. Promotion of their solutions in the wider community. Tech support
- **Big techs:** Access to open data (freemium models)





Knowledge collection from:

- **Reference Use Cases and Initiatives**
 - Interviews with specific data users and providers
 - Collection of data requirements, products and gaps
 - Data Sets Inventory: list of specific data sets required by the RUCIs
- **GREAT consortium and engaged stakeholders**
 - Engagement with stakeholders from different domains related to the EGD
 - Data Services inventory: list of data service/portals/catalogues





- RUCI's data requirements and products
- Close to 100 specific data sets
- Described by mandatory or optional tags
- Categorisation in High Value Data sets and Essential Variable categories
- Data types: satellite imagery, gridded data, topographic maps, model outputs, in situ data sets, cadastral data sets and other
- FAIRness assessment using F-UJI*



- Constantly expanding inventory of data services related to the Green Deal - more than 400 data services
- Data service and access information
- Prioritisation based on:
 - Relevance to RUCIs
 - Relevance to strategic actions
 - Relevance to EGD programmes
 - Sustainability
 - Coverage



- Data sets that do not exist!
- Data sets that cannot be accessed or can be accessed only under specific contracts
- Data sets that cannot or are hard to use in combination with other data types due to standardisation and harmonisation issues
- Data sets whose quality cannot be guaranteed, or have evidently low quality
- Data sets that are hard to use openly because of ethical implications
- Data sets that exist in insufficient spatial and temporal resolution



Roadmap

Principles

Support the creation and the successful implementation of the Green Deal Data Space.

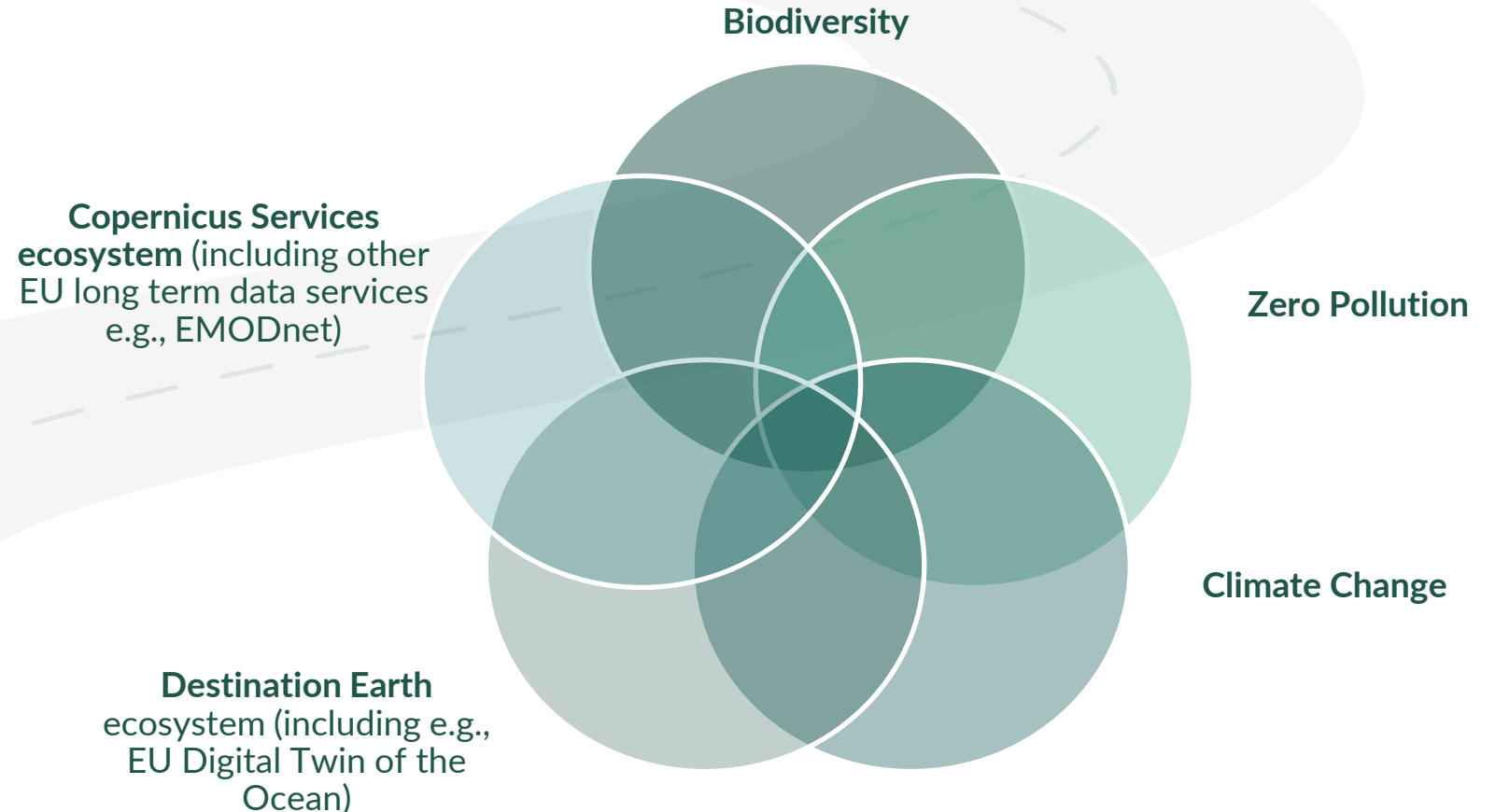
From design to proof of concept, implementation and scaling-up of the Minimum Viable GDDS.

Expand on trials and pilots involving local, regional, national, European, and global initiatives.

Validate benefits of the GDDS to vertical and horizontal domains, public sectors, businesses and citizens.

Five Clusters

To streamline these ambitions and provide structure for developing concrete plans, five clusters have been identified. They provide insights into potential future pilot projects:



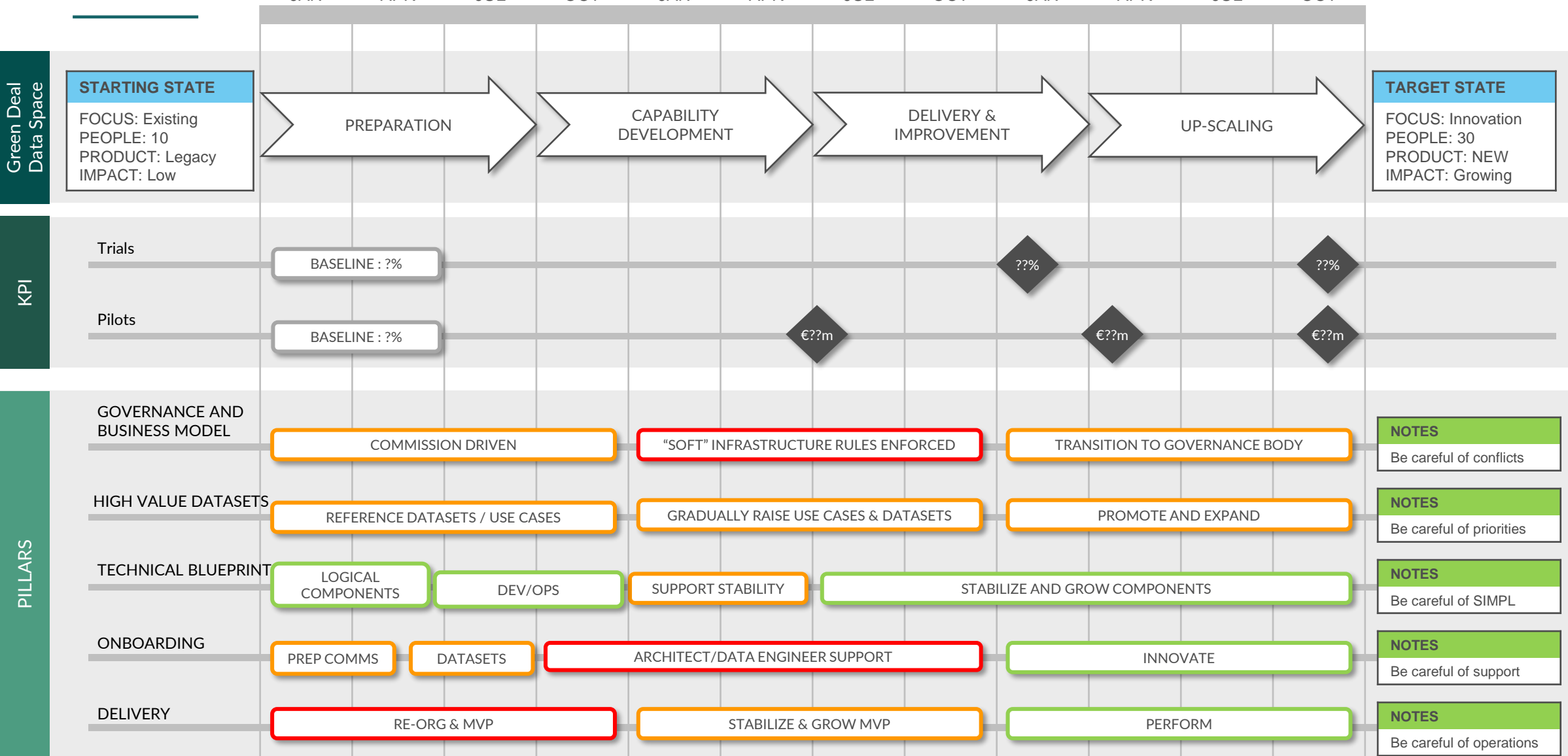
GDDS STRATEGIC ROADMAP

TBC

LOW RISK

MED RISK

HIGH RISK



Public Deliverables



Green Deal Data Space The GREAT Project

READ MORE



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the European Union

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[@greendealdataspace](https://www.youtube.com/channel/UCgreendealdataspace)

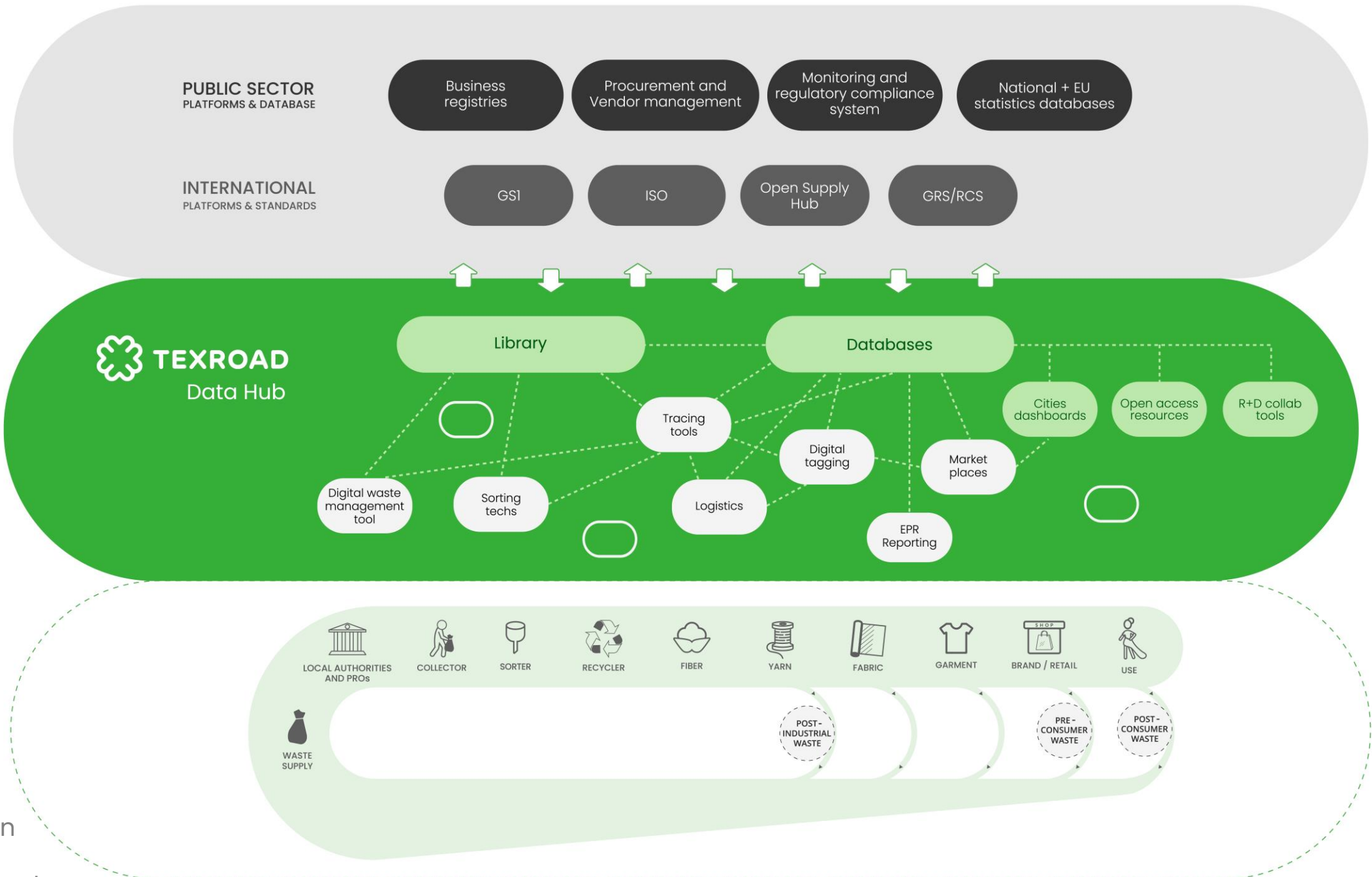


Public Deliverables



Thank you!

nraczko@idc.com



Contact:
Traci Kinden
Director
traci@texroad.org

Reverse Resources

An online platform to digitise, connect
& scale global textile-to-textile recycling



Launched in 9
countries to connect
textile waste with
recycling



18 largest fashion
corporates on board incl.

H&M

C&A

PVH

M&S

amazon

LACOSTE



First and largest global
real-time database of
textile waste flows by
fibre composition

**Strategic
approach in
the project**

Digital ownership:

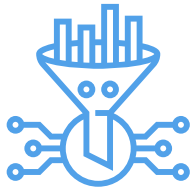
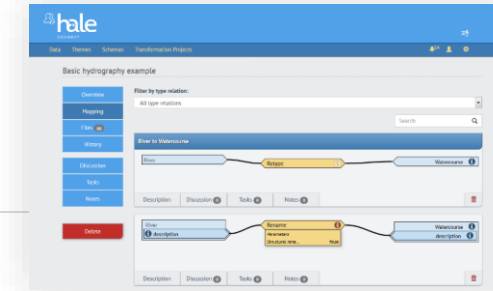
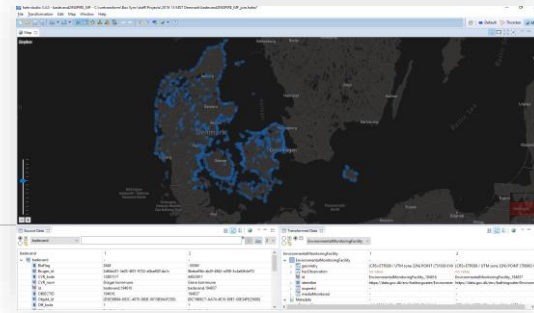
Commodity market:

Business driven:

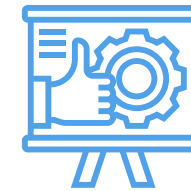
brands to track and control their waste to recycling
trading waste as a resource between market players
industry-led joint approach to achieve EPR goals

Wetransform: From INSPIRE to the Green Deal Data Space

Capacities



We are **experts for data interoperability** and have harmonized 10.000's of environmental and green data assets. Our FOSS tool is well suited to data interoperability for data spaces.



We **operate more than 150.000 network services** for more than 1.300 INSPIRE implementers on our SaaS platform. The platform automates the process of publication and of contributing to Data Spaces.

Role + Interests



Use cases, data gap identification, Risks



Data Integration and Standardisation



Governance and Sharing Rules



Set-Up and Operation of Data Space Components

ERION is the largest Italian Extended Producer Responsibility system for managing waste associated with different waste flows such as **electronic products, textiles, batteries, tobacco products, packaging**. It was chosen by 2500 producers across the national territory.

The Strategic Development and Innovation team is responsible for:

- ❑ development of innovative services
- ❑ research activities (**17 active EU funded projects**)
- ❑ management of European Community funded projects in the field of circular economy
- ❑ research and management of **new project proposals**, especially on the **textile sector**. Just involved in the following calls:
 - HORIZON-CL6-2024-CircBio-02-1-two-stage (recycling)
 - HORIZON-CL6-2024-CircBio-01-2 (EPR)

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Building the GDDS with Open Geospatial Building blocks

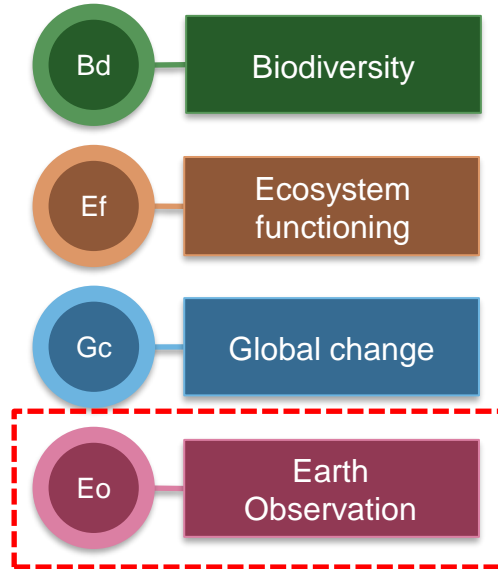
Joan Maso (CREAF)

joan.maso@uab.cat

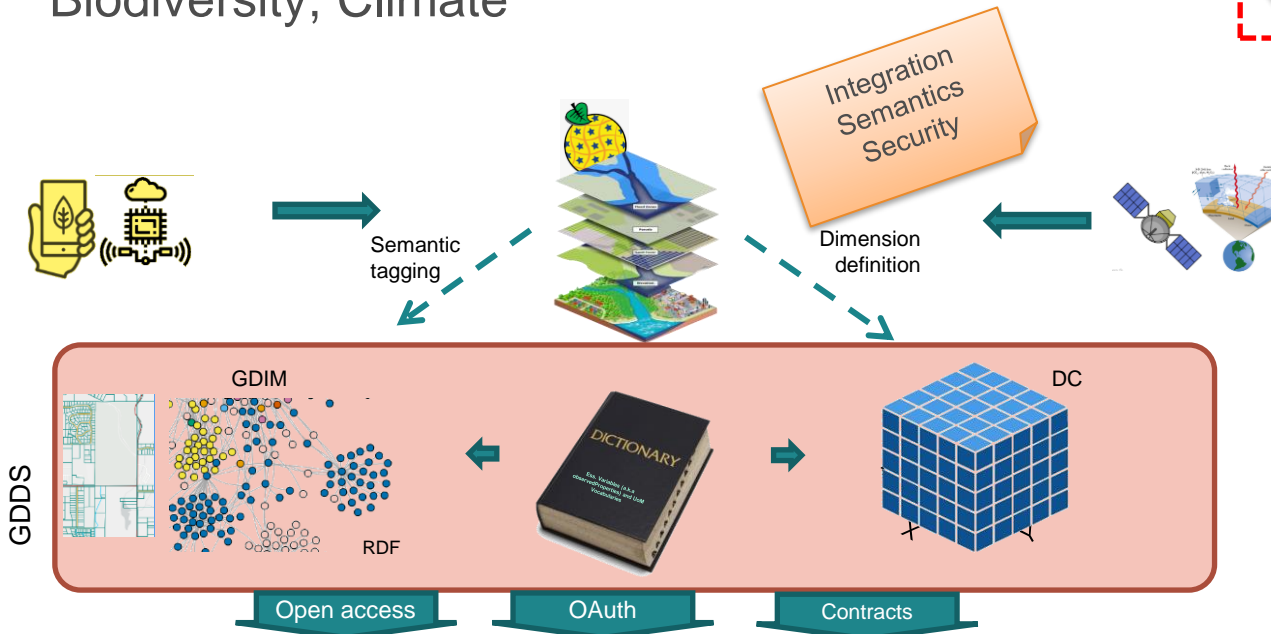
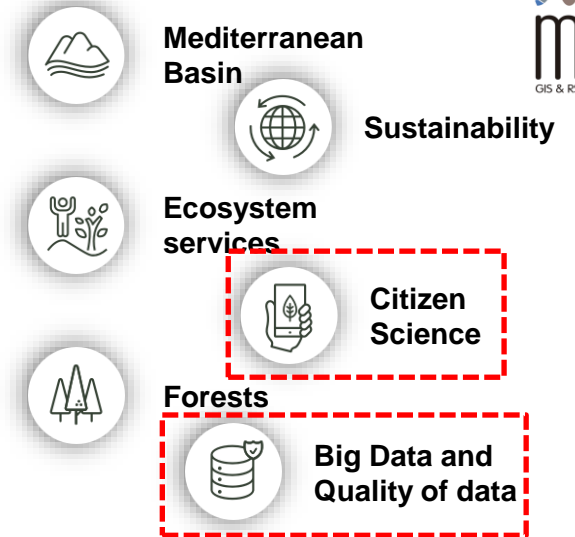
- Action Group on GDDS in EuroGEO
- European Open Science Cloud
- Digital Twin of the Ocean
- Remote Sensing, In-Situ, Citizen Science
- Geospatial Standards: STA, COG, Tiles
- Metadata, Data quality, Geo User Feedback
- Phenology, Agriculture, Habitats, Biodiversity, Climate



Four research areas



Six cross-cutting issues



AD4GD



Co-funded by the European Union, Switzerland and the United Kingdom

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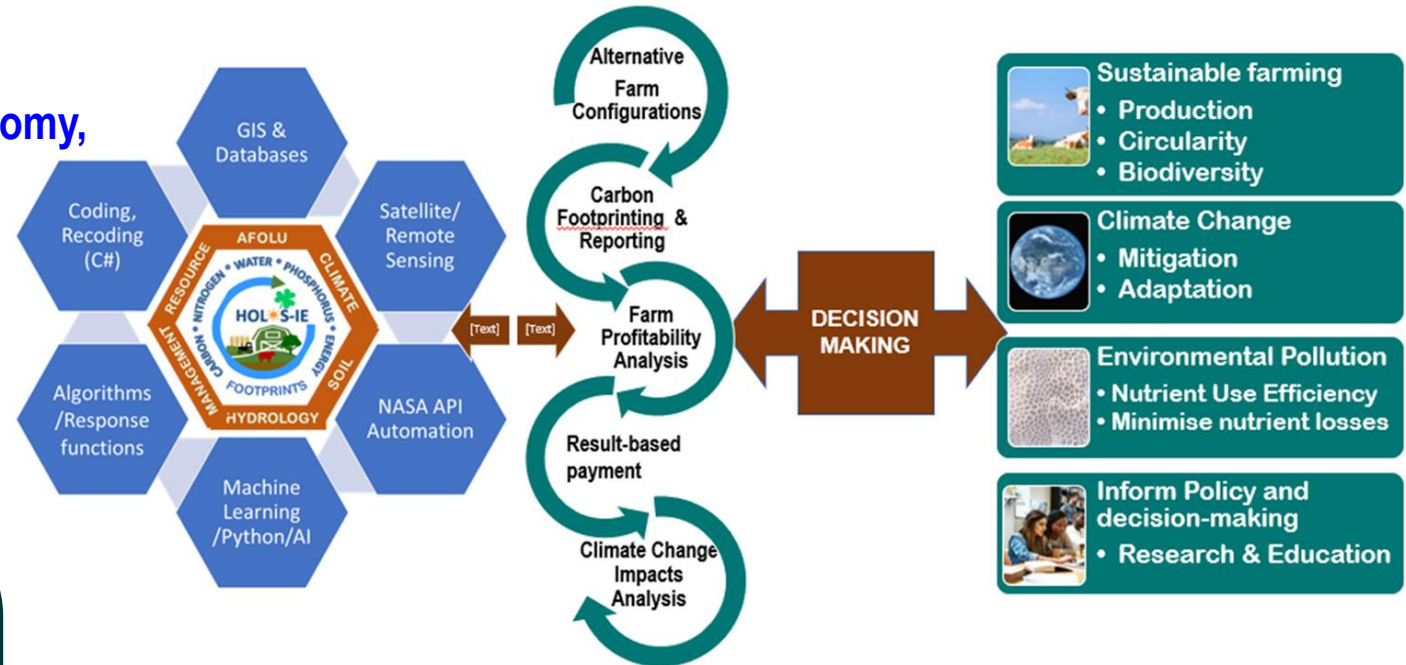
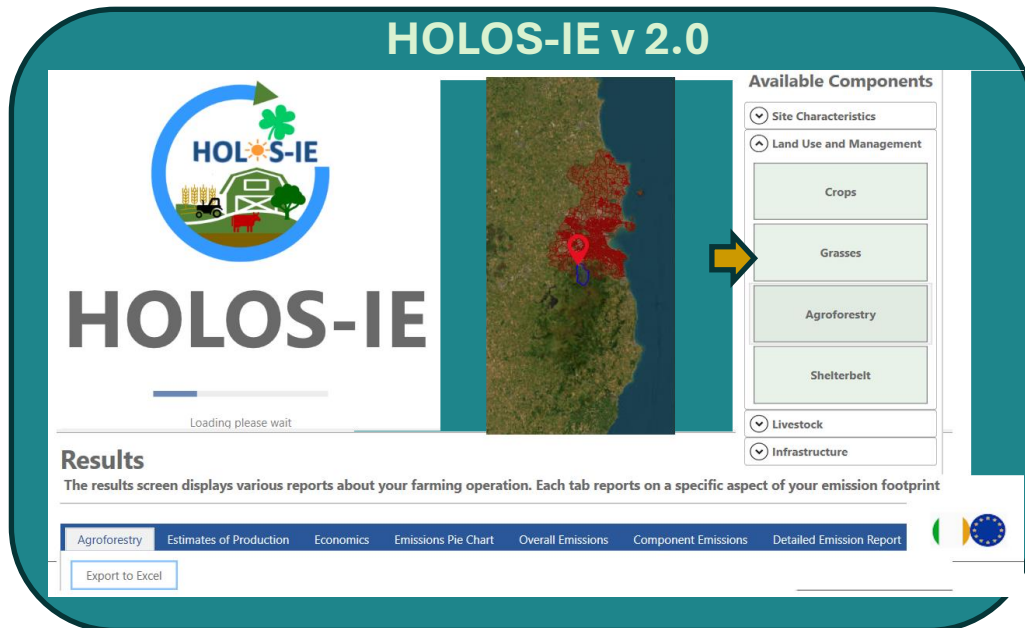


Always as @ad4gd_project

HOLOS-IE to EU: Bridging Gaps in Sustainable Land Use Planning through Circularity for Assessing Net-Zero Emissions and Ecosystem Services

M. I. Khalil, University College Dublin, Ireland. Email: ibrahim.khalil1@ucd.ie

- Achieve Green Deal roadmap: Net-Zero Emissions, Biodiversity, Circular Bioeconomy, and Climate Change Mitigation & Adaptation
- Strategy: Agricultural systems + Agroforestry
- Approach: Transdisciplinary and collaborative
- Generate, collect, & apply databases
- Use Programming languages, GIS, API, and AI.



Deliver a comprehensive digital platform for LU planning, GHG mitigation and offsetting, climate change adaptation, agroecosystem services, inventory, and decision-making.

Call interest   DIGITAL 2024-CLOUD-AI-06-GREENDEAL- European Green Deal Data Space

European Commission



WHO WE ARE



A formation of private companies with 20+ years track record in complex digital and IT projects in multinational environment, with a dedicated focus on selected Digital Europe Program initiatives.

GOAL



Deploying a comprehensive GDDS that integrates public and private ecosystems to **foster forest biodiversity, zero pollution, and mobility connected to smart communities.**

CAPABILITIES



- **Forestry** and **mobility** data collection & analysis.
- **Smart communities** data sharing.
- Consortium and proposal development.

ACCESS



- To forestry, mobility and community data sources.
- To consortium partners providing access and expertise.

CONTACT



Peter Benedek
peter.benedek@rockwoodgroup.eu

Build digital trust in circular ecosystems with CircularTrust



TEAM



Denisa Gibovic
CEO



Xavi Tarrés
CTO



Marc Melús
CBDO



Estel Guillaumes
COO- CFO



Laia Perez
CMO



+18
Developers
Admin, com

STRATEGIC PARTNERS



Data collection

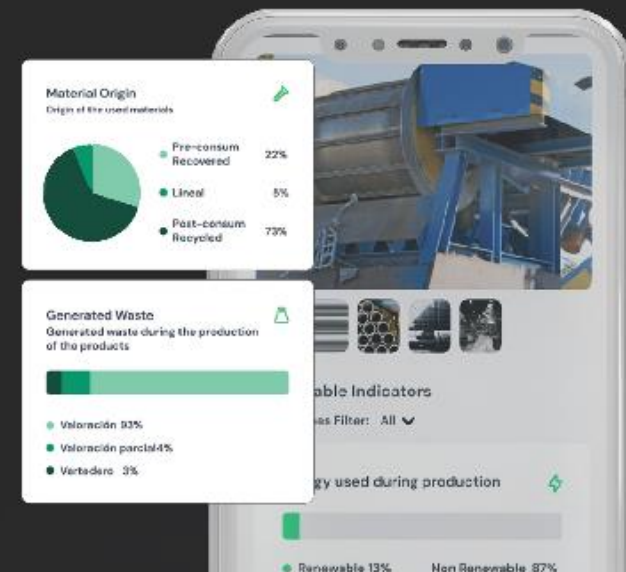
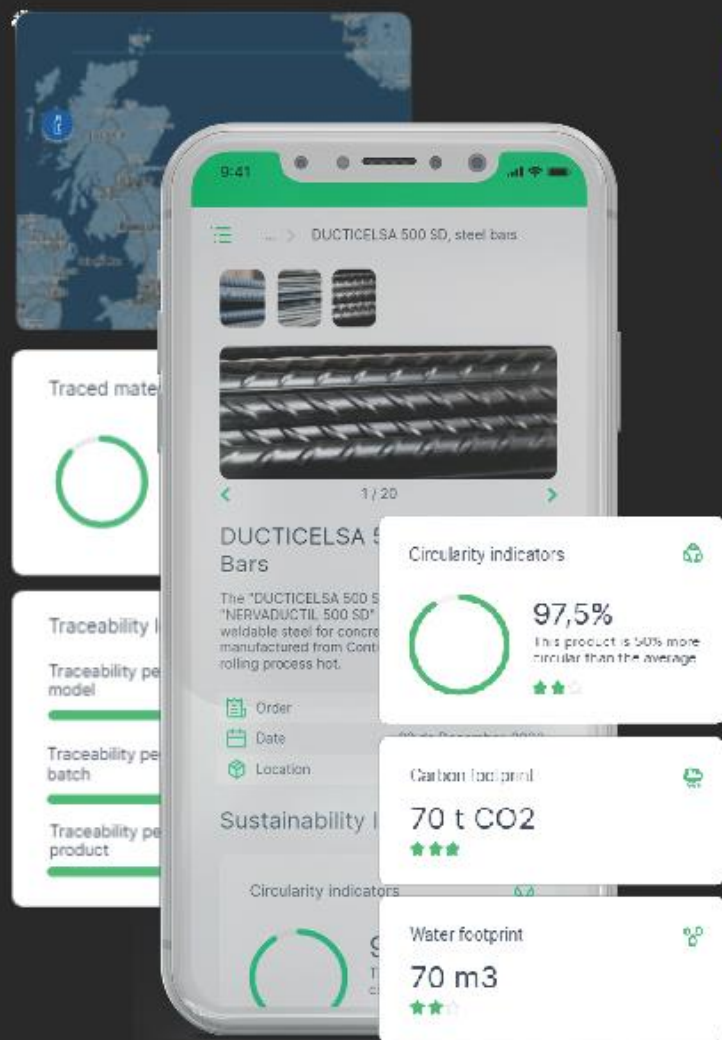
- **CircularTrust API** facilitates the integration of external data into digital passports.
- Direct connections with existing data sources, including company ERPs and EPCIS servers...
- **Back-office feature** for associating data with product passports, particularly for information not yet digitized by the company.

Data storage

- The data is stored on EPCIS servers, adhering to **GS1 standards**.
- **Specifications** within **EPCIS events** to integrate data concerning product circularity.

Data verification

- Blockchain-powered **verifiable credentials**, to validate the authenticity and origin of the information linked to the product.
- **Decentralized identities** for supply chain participants, allowing them to verify their identity when contributing data to the product passport.



DATA REPLY SPACE INTELLIGENCE TEAM FOR GREEN DEAL DATA SPACE

The **Space intelligence team** is part of **Data Reply**, the Reply group company that offers services to extract value from data through Advanced Analytics and AI solutions.

PRODUCTION PROJECTS

100+ up and running



EXPERTS

Big Data Engineers
Data Scientists

**CROSS
INDUSTRY**
experience



The **Space Intelligence team**:

- Is made of data scientists experienced with **AI cutting-edge technologies** (such as Computer Vision, Machine Learning (ML), and generative AI) applied to geospatial and Earth Observation (EO) data;
- Develops **proof-of-concepts** tailored to the specific needs of business clients as well as partake in innovative **ESA-funded demonstration projects**;
- Works on projects from several domains like **Environmental Monitoring** (Wildfire Risk Forecasting with Corpo Forestale of Sicily), **Agrifood** (SOC Estimation for a leading Italian food company) **Smart Cities** (Road Markings Quality mapping and car accident prevention for Turin Municipality).

CONTACTS

Simonetta Bodojra: s.bodojra@reply.it

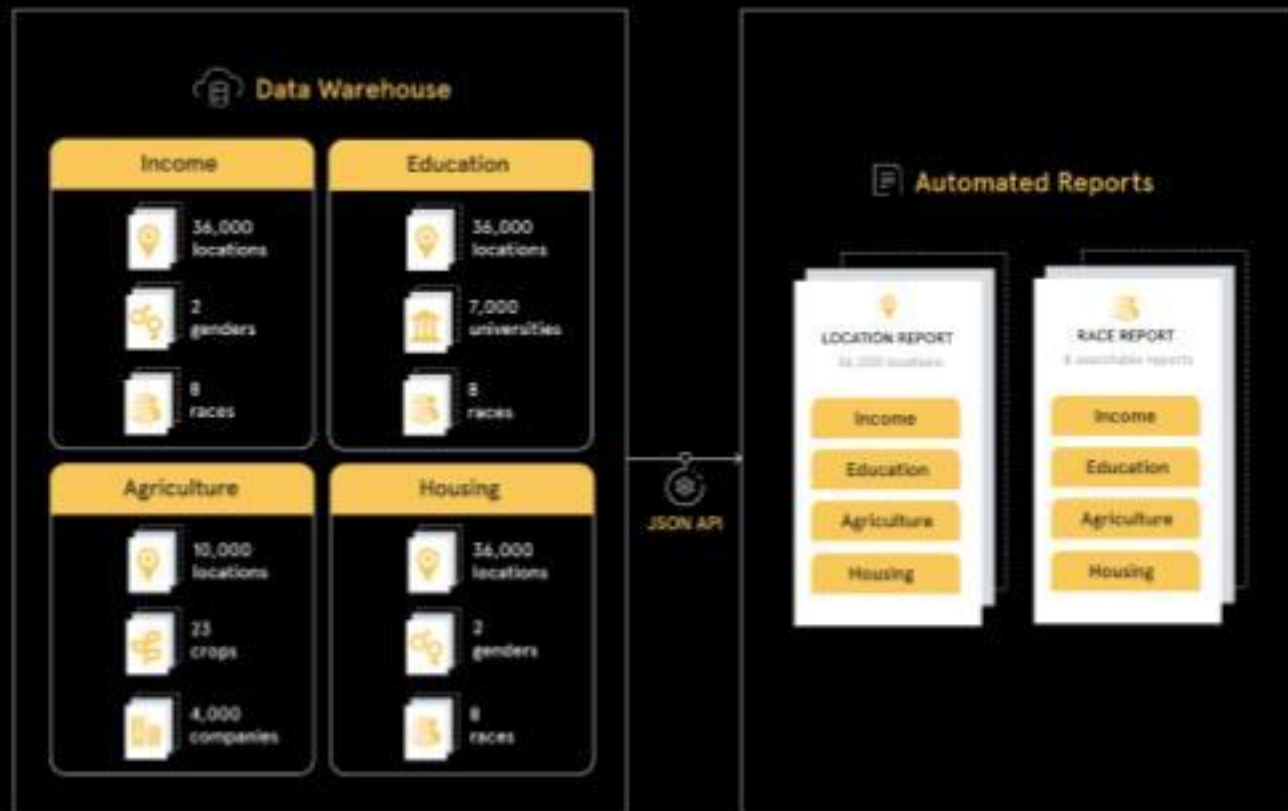
Alberto Falletta: a.falletta@reply.it

Fabio Limardo: f.limardo@reply.it



We offer user friendly, automated data distribution solutions for decision makers.

Datawheel.us



Our work

DATAUSA:
datausa.io



DataMÉXICO
datamexico.org



OEC
oec.world



A superior way to invest in nature



Carbon

5-10x the climate impact
@10-50% of the cost



Biodiversity

The world's most threatened
and biodiverse regions



Asset

New Level of Streamlined
Tradability and Legal benefits

Conservation
of tropical
forests



**Tropical Forest
Carbon** has higher
impact vs temperate
regions*

**2.5x
Higher**

**Deforestation
Threat**-Satellite
shows increased risk

**2x
Higher**



**Biodiversity
hotspots**

**43% of
Life on
(2.5% of)
Earth**

**Protect
threatened
species with
conservation, and
scientific rigor**

**Science
based**



**Biodiversity &
Carbon rights**

**50+
years**

Tradable Asset

**Value
Uplift
potential**

High
proceeds
to project



85% vs 45-55%
(Verra VCOs**)

**2x
Higher**

**= or > than leading
philanthropies**

85%

**Smart
technology**
Monitor, lowers
admin cost and
avoid 2X selling

Transparency

Effectiveness



\$1/tonne CO2e
vs \$30-100/tonne
compliance credits

**Low
cost**

**Proven Local
Conservation
partners** with
on the ground teams

**Low
overhead**

**Effective
contractual
frameworks**

**Reduced
Regulatory
Risk**

* Leite et al, 2021; Lawrence, 2022)

** ([Article](#) Carbon Credits.com).

Artech International; a **Brussel** based SME in advanced technology development and consultancy having extensive European network reach. Specializing in technology transfer, international project development & management, new technologies, and early-stage R&D collaboration.

Digital Product Passport (DPP)

- Automotive
- Battery
- Supply chain
- Electronics

✉ nuran@artechconsulting.net
suna@artechconsulting.net
tutku@artechconsulting.net

📍 Rue de la Presse 4,
Brussels 1000 Belgium

- Finalized & ongoing National, EIT Urban Mobility, Horizon Europe, KDT RIA projects.

Related new projects;

BASE: Validation and implementation DBP service,

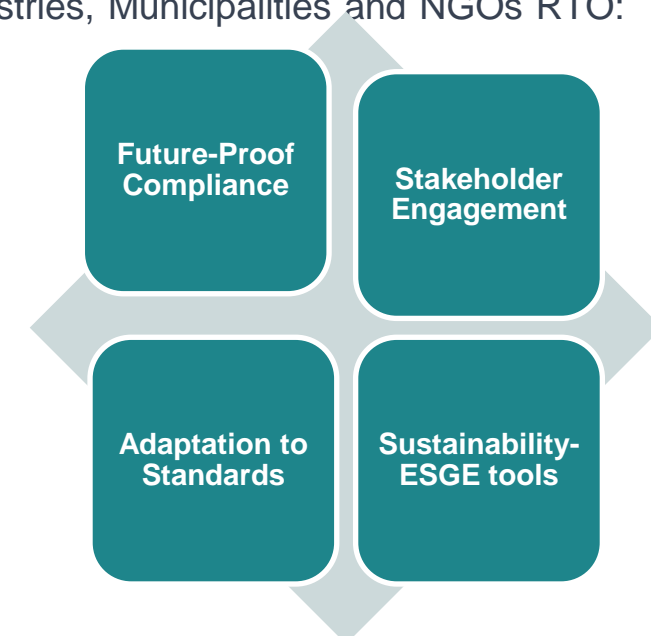
RIBL: Ensuring transparency and traceability of various design and IP components, automating the generation of all necessary data for compliance and regulatory purposes by DPP,

Citiverse: Mobility Dataspace

- +100 Consulting Projects in Europe, UK, Turkey, Taiwan, Singapore, S. Korea, Argentina, Canada, Israel, Qatar, S.Arabia and the US

- Client portfolio: Industry, SMEs, Startups Public: Ministries, Municipalities and NGOs RTO: Universities, Research Organizations
Digital Product Passport (DPP):

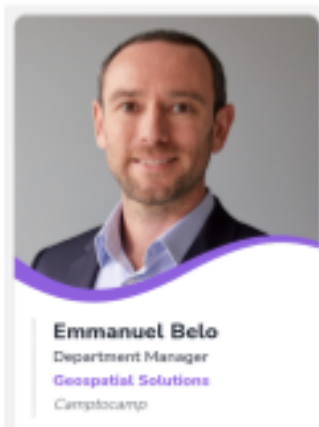
- Ensures transparency, sustainability, and traceability across key sectors,
- Enhances the GDDS's capacity to harness high-value, reusable datasets.
- Seamless flow of critical environmental information across data ecosystems
- Empowers stakeholders to make informed decisions that align with the European Union's sustainability goals.



About Camptocamp

Your partner for success

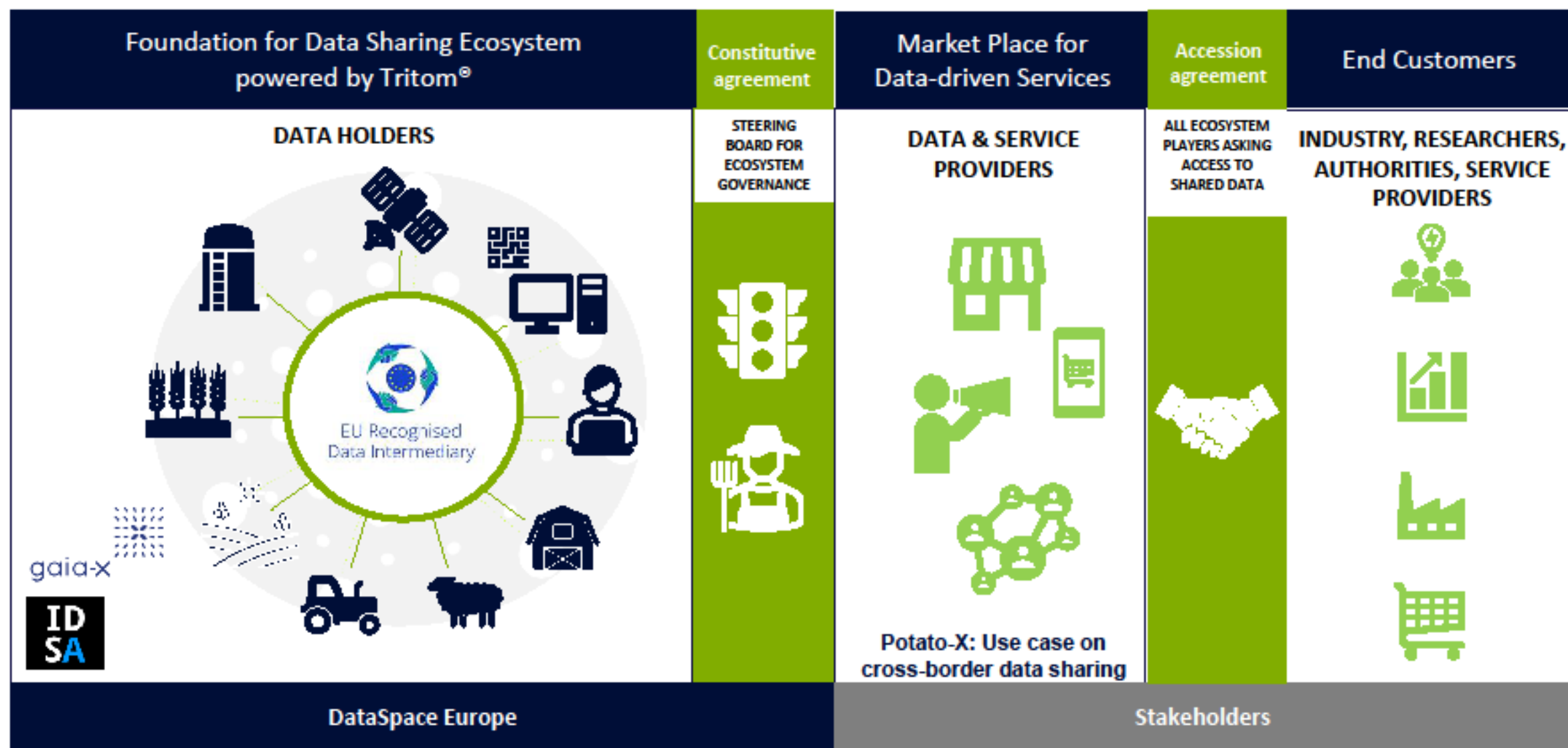
- Founded in **2001**
- **200** employees
- **3 countries:**
 - Switzerland (HQ), France, Germany
- Cross functional team: Plan - Build - Run
- 95 geospatial & devops **experts**
 - Open Source contributors
 - Agile Software development
 - DevOps & Cloud expertise
- **The largest service provider contributing to geospatial open source software.**



Emmanuel Belo
Department Manager
Geospatial Solutions
Camptocamp



Revolutionizing Business Ecosystems: Introducing Europe's Premier Data Intermediation Service



Contact

Email: j.koers@geonovum.nl
Phone: +31 6 22835885

GDDS-Geonovum-Jan Koers

Visit our website
www.geonovum.nl

Who is Geonovum

- An independent Dutch organization, established by Dutch government in 2007 with focus on the exchange of geo-information and its standardization
- Supports the Ministry of Internal Affairs with the implementation of INSPIRE and HVD
- Represents the Dutch Government Tactical Council on the EU Data Strategy (TCEU) which consists of the major government geo-information providers
- Geonovum cherishes craftsmanship, neutrality, openness and networking and brings together private and public parties to promote cooperation and innovation
- Relevant knowledge and experience:
 - Innovation: f.i. Digital Twins, AI
 - Standardization: f.i. OGC, W3C, INSPIRE, ISO, NEN
 - Intermediary for (semantic) interoperability: f.i. vocabulary hub

Geonovum does not want to lead but is interested to participate if expectations and needs are met.

The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.

Expectations and needs GDDS

In December 2023, the TCEU held a workshop to discuss what the various members expect and need from the Green Deal Data Space

Main topic:

- how does INSPIRE, HVD and other government data fit well in the GDDS?

Focus points:

- INSPIRE-HVD related data; government data is not only open data, private companies are also producers of data related to public tasks; both are producers and users
- Support is necessary for different conditions of use
- Need for interoperability between domains and between different dataspace
- Green Deal responsibilities and actions are often local, need for local, national and pan-European data

“I consent to share my slide with the event participants”

Technology Focus Area: Data Spaces



Project Coordinator



- Unique positioning of the European Government Consulting Team at the forefront of a transformative initiative.
- IDC's coordination of the Green Deal Data Space, vital to the EU's sustainability strategies.
- Active involvement in developing data spaces for tourism, manufacturing, and smart cities and communities.
- Expertise in data-related regulation, policy-making, technical blueprints, and governance.
- Proficiency in designing business models with a focus on sustainability.
- IDC's pivotal role in accelerating organizations' transition to the data economy.

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