Location for European Data Spaces - introduction to project concept

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Agenda

- Background: Challenge and context of the project
- Project concept
- Target funding
- Roadmap
- Target/ideal partners and their roles
- Discussion

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Challenge: Accessing and utilizing national data within European data spaces

Data sets are shared (but not easily accessible or utilizable) in national systems and EU-portals
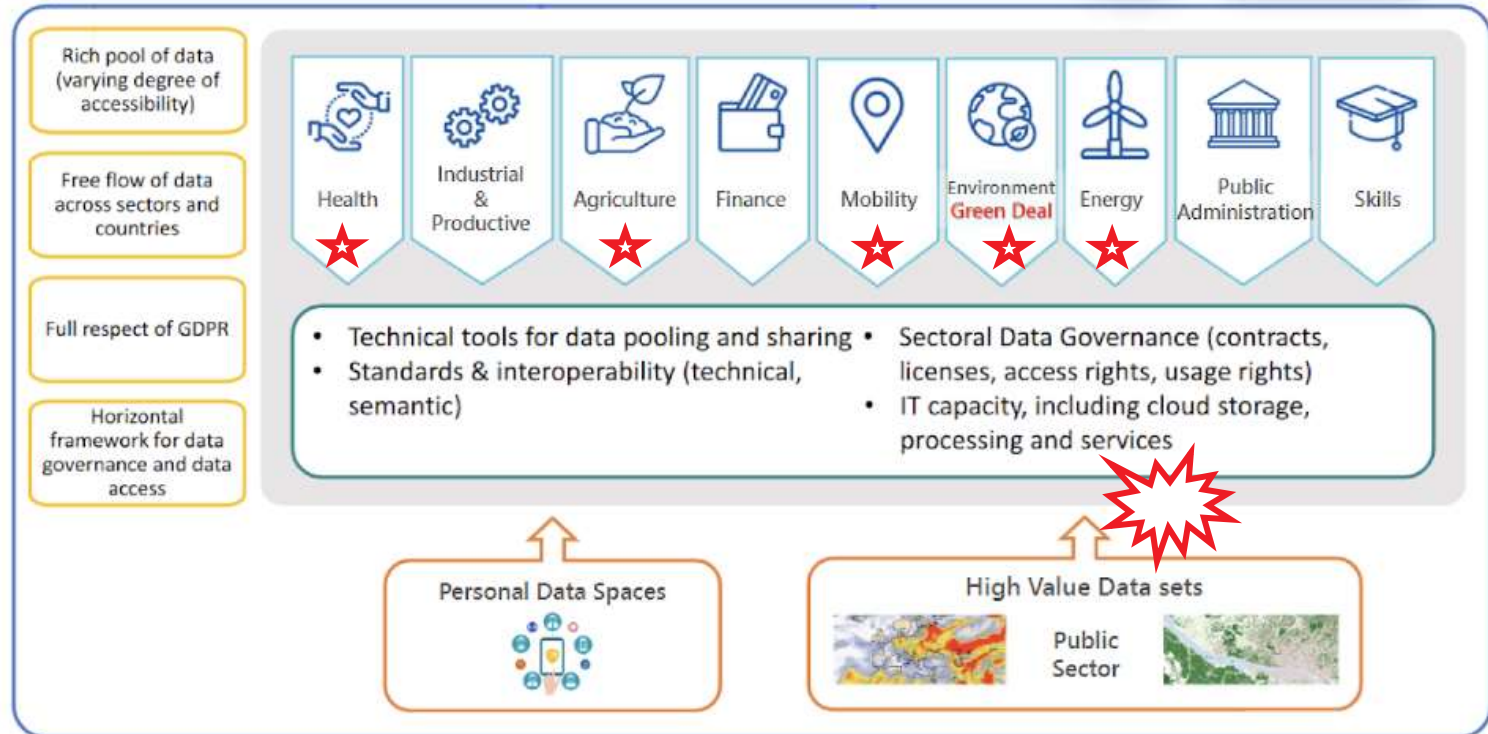- There is still a strong need for harmonization and interoperability of the data sets
- A combining factor between national geospatial data and other high value data sets is missing
- Data users need better tools for accessing, utilizing and combining the national (geospatial) data sets

EU driving the development
- Recent EU directive on making high value data sets publicly available by June 2024, supporting European data spaces
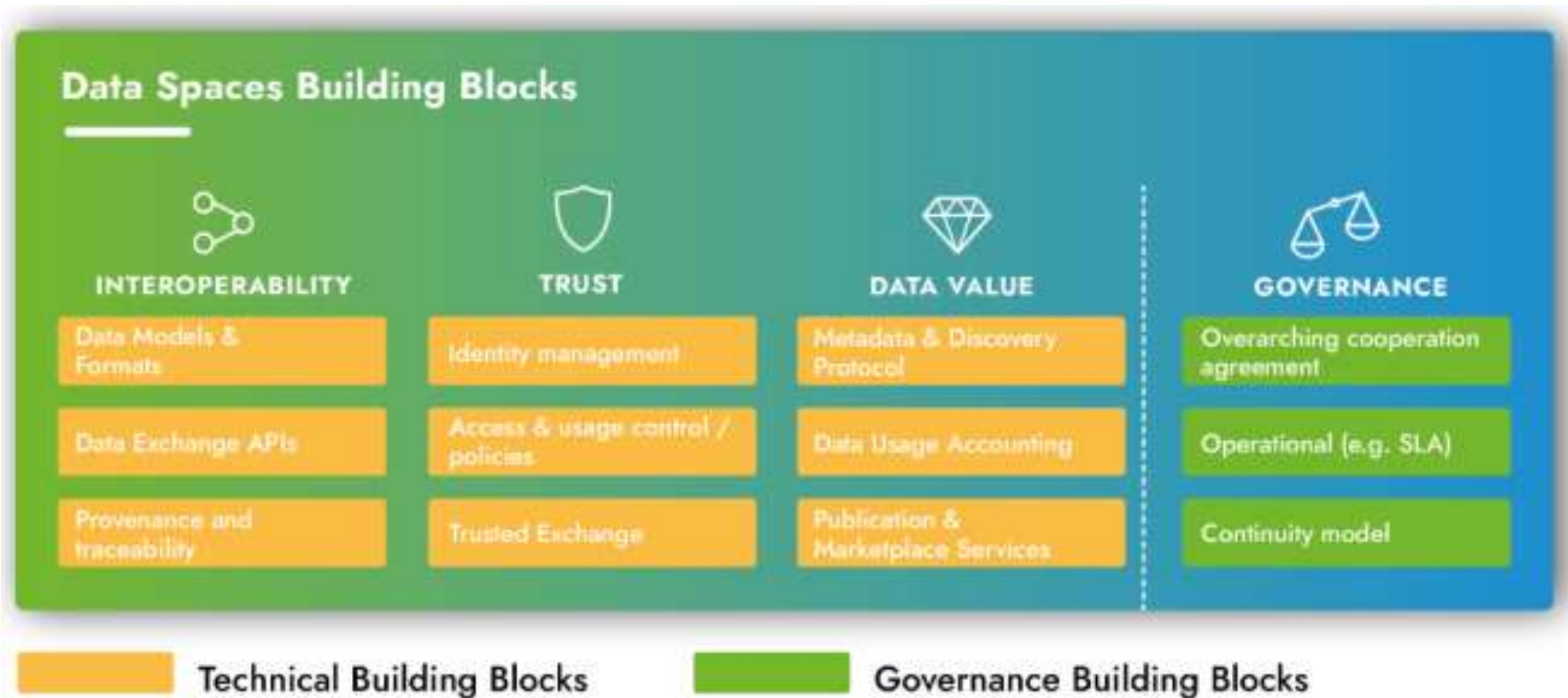- INSPIRE created a solid national foundation – APIs and basis for harmonization exists already

We are now looking into selected data spaces as most potential use cases for location data, positioning in between national high-value data sets and data spaces

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Context: Contributing to data spaces building blocks

The aim is to develop frameworks and tools for some of the building blocks as
described below by the Data Spaces Support Center, in regards to geospatial data.

Project concept:

LOCATION FOR EUROPEAN DATA SPACES

The purpose is to make national geospatial data available as part of European data spaces, thus enabling and driving the use of national high value data sets in developing internationally scalable, integrated digital services for the European citizen.

Goal 1: Develop a data space connecting framework and tools that enable utilization of organization's own (business) data combined with a high value data set (such as geospatial, statistical, environmental observation and meteorological data

INTEROPERABILITY

TRUST

Quality check toolv

Interoperability map

Data FAIRness evaluator

Data quality dashboard

Semantic harmonization

Evaluation metadata

Goal 2: Suggest a business model for operating the framework and tools in the future, as a service provider for the data spaces

GOVERNANCE

Goal 3: Demonstrate combining high value data sets with geospatial data through example use cases

DATA VALUE

Energy efficiency of buildings

Urbanization/Smart cities

Circularity

Carbon sinks

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Explanation: Data tool   DATA SPACE BUILDING BLOCK   Use case

Target Funding: Digital Europe, Green Deal Data Spaces (opening Q2/2024)

To whom	Public and private organisations providing key digital technologies, infrastructures and education services for uptake and deployment of these technologies
Grant size	Simple grant: 0.5-30 M€; procurement up to 78 M€
Funding rate (%)	Simple grants: 50% for all beneficiaries; SME grants: SMEs 75%; financial support to 3rd parties 50% (co-funding requirement)
TRL level	digital innovations that are 'market mature' and/or demonstrate disruptive potential
Project duration	1-3 years

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Digital Europe, Green Deal Data Spaces

- The objective of this action is to deploy the infrastructure for the Green Deal data space based on the governance blueprint, the data scope and the implementation roadmap defined in other data space projects in earlier working programme.

- The expected result is to have a fully operational Green Deal Data Spaces which can connect to the various data spaces and share and reuse its data for/from the private and public sector.

- The Green Deal data space will be set up in synergy with the various relevant topics implementing the Green Deal Goals. In particular:
    - High quality data is expected to be derived from the activities related to **High Value Datasets** in the framework of the **Public sector Open data for AI** and **Open Data Platform**.
    - Data from **other sectoral data spaces** where relevant.
    - The topic implementing **Destination Earth initiative**
    - The activities related to the **Digital Product Passport.**

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Roadmap What's next?

Funding until Q2/2024
- GeoE3 continuing until Feb 2024
- Location Innovation Hub on-going until Jan 2026
- Testing/Piloting the platform developed in GeoE3
- New actors welcome to join
- Goal: identify new use cases

Other relevant opportunities
- Forming a European Digital Innovation Cluster (EDIC)
- Business Finland Data Economy Program
- GaiaX geospatial data group
- Fiware program for hubs

Q2-Q3/2023

- GeoE3 extension
- Attracting and engaging partners to the Location Innovation Hub
- Identifying and selecting use cases for the project
- Business Finland funding for "Digital twin and data spaces of Finland" enabling the Finnish part
- Conceptualizing and scoping the project

Q4/2023

- Consortium building
- Aligning partners' objectives and plans for the project

Q1-Q3/2024
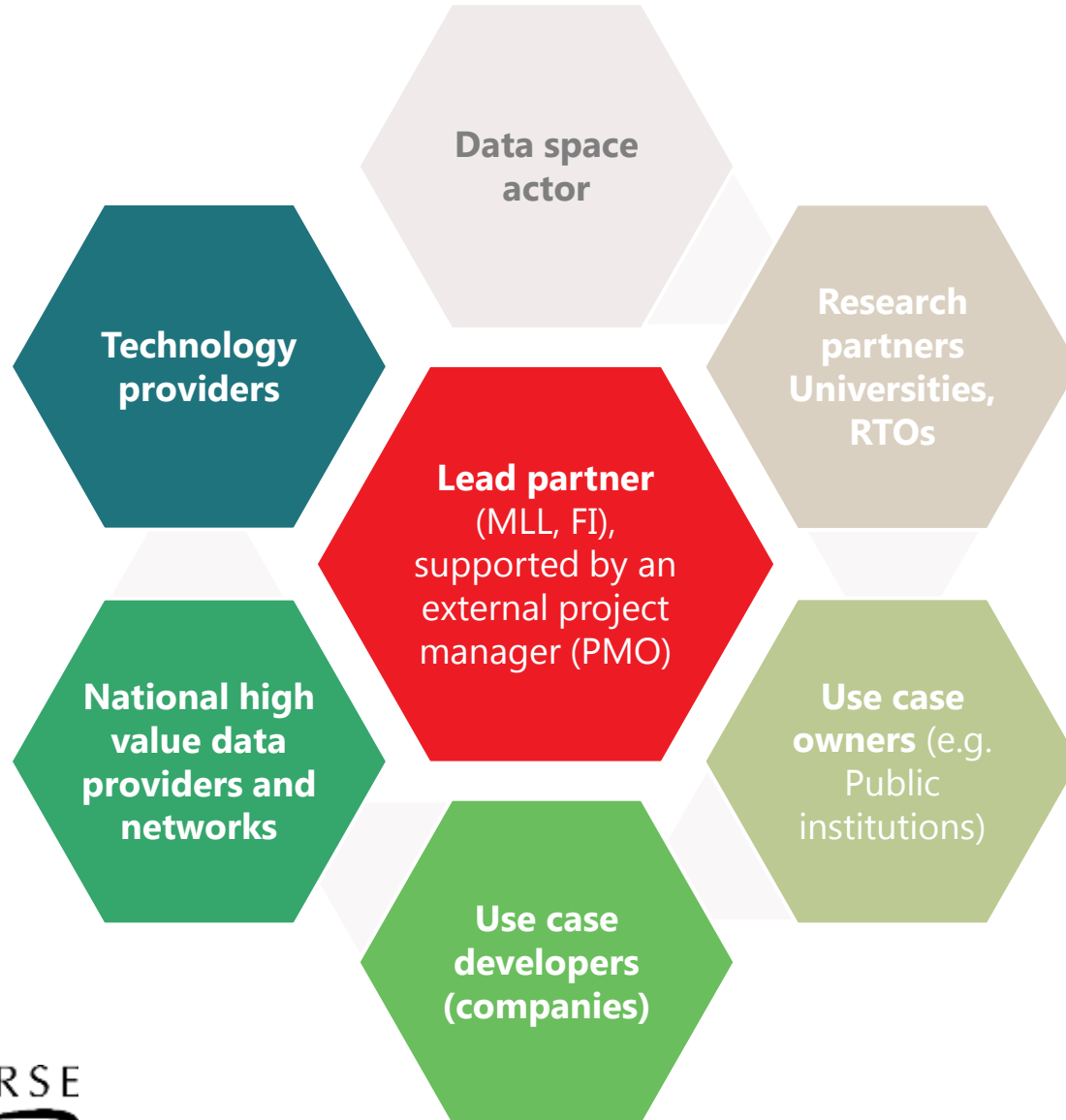
- Proposal building
- Call opens Q2/2024

Q4/2024

- Funding decision
- Grant negotiations

Q1/2025

- Project begins

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What kind of partners for Digital Europe call?

- Ideally 5-8 main partners
- Good European geographic coverage
- Key stakeholder groups (liaison members) could be engaged to the project also as advisory group members, participants of regular forums/events or to join network activities
- Total funding to be applied 3-5M€ (50% funding rate)

Possible partners and their roles

Partner type/group	Organizations (description/examples)	Role
Main partners (altogether 5-8 main partners)	Lead partner	National high value data provider
	Finnish National Land Survey's sister organizations in Europe and their local partners in other public domains (similar to e.g. Finnish Meteorological Institute or Statistics Finland)	
	National agencies or companies that utilize their data representing them (joining as affiliated partners or subcontractors)	
	Technology providers: e.g. Geonovum, iSHARE	
Use case partners	Motiva, green deal use cases	
European core data providing network	Partners representing different countries, ideally from countries such as Norway, Denmark, the Netherlands (Kadaster NL), Germany, Estonia, Spain (data providers network)	
Companies	Spatineo, Gispo, WeTransform, interactive instruments	
Data space actor	Specialized in data space development	Providing components
Liaison members	EuroGeographics	Dissemination for land survey organizations
	Open Geospatial Consortium	Standardization
	EuroSDR	Research/skills dissemination
	EC JRC (Joint Research Center)	Advisory board
Universities/RTOS	2-5, e.g. KU Leuven, SYKE, LUKE	
Location Innovation Hub members		

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Discussion: What are your thoughts?

- How does the project concept seem?
- What could be the key use cases?
- Do the partners and roles seem relevant?
- Is the timing good?
- Is there something missing?
- Is there something of specific interest to you?
- Do you see ourself as a partner, in which role?

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Join our contact list for an invitation to Teams channel and to stay updated on next steps

Organization	Name	Email	Country

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