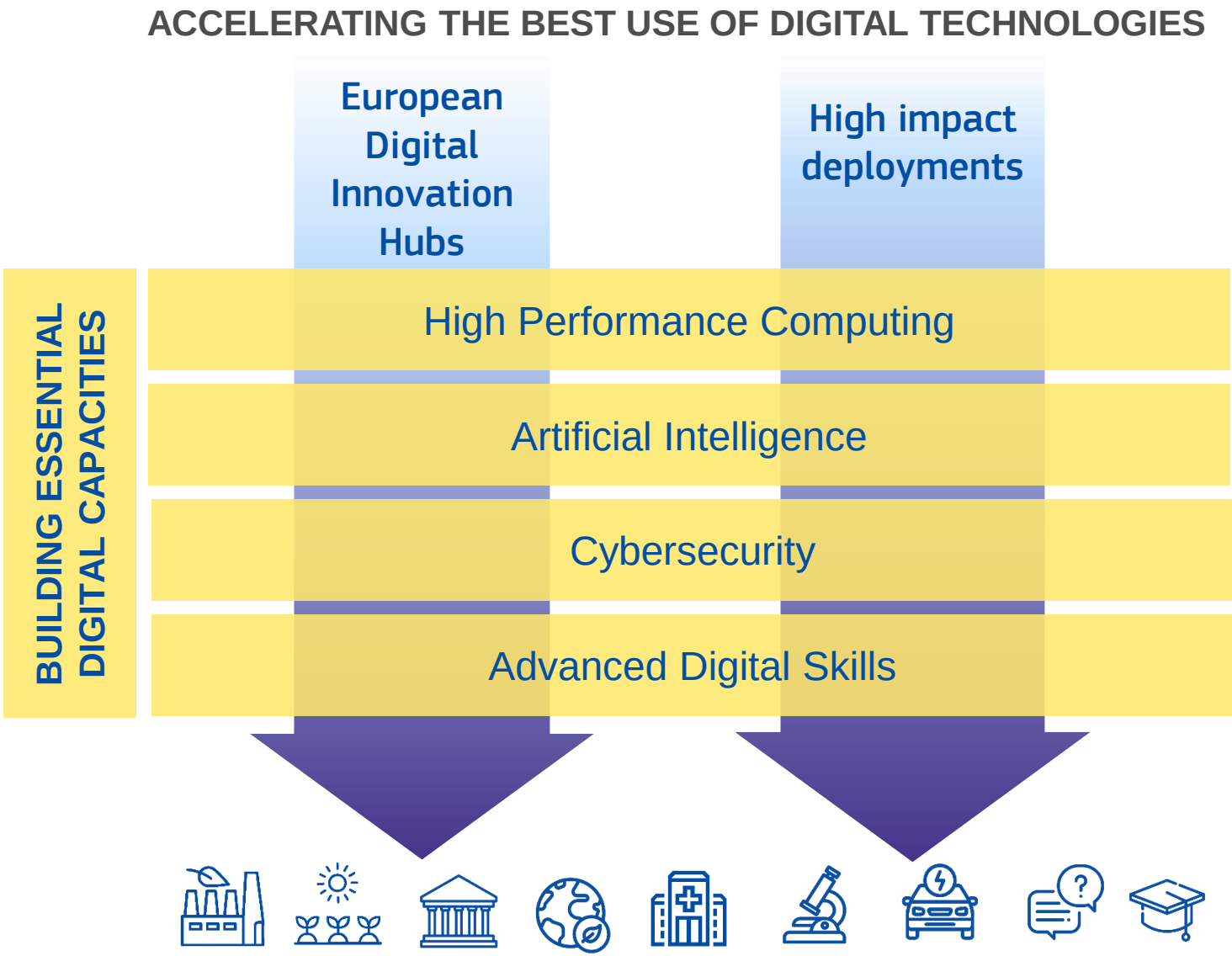
Digital Europe programme structure



European Commission

Artificial intelligence, data and cloud

Data Spaces

- Green Deal
- Smart communities
- Mobility
- Manufacturing
- Agriculture
- Cultural Content
- Health
- Media
- Finance
- Skills
- Languages
- Public Administrations

Support to Data Spaces

- Support Centre
- Open Data Portal
- High Value Data Sets

Cloud to Edge

- Smart Middleware
- Large-scale pilots for cloud-to-edge based service solutions
- Marketplace for services

AI-on-demand Platform

- Central access point to AI resources

Testing and Experimentation Facilities

- Manufacturing
- Health
- Agri-Food
- Smart cities and communities
- Edge AI HW

Most of the actions will be managed directly by CNECT

European Commission

Data Spaces in DIGITAL

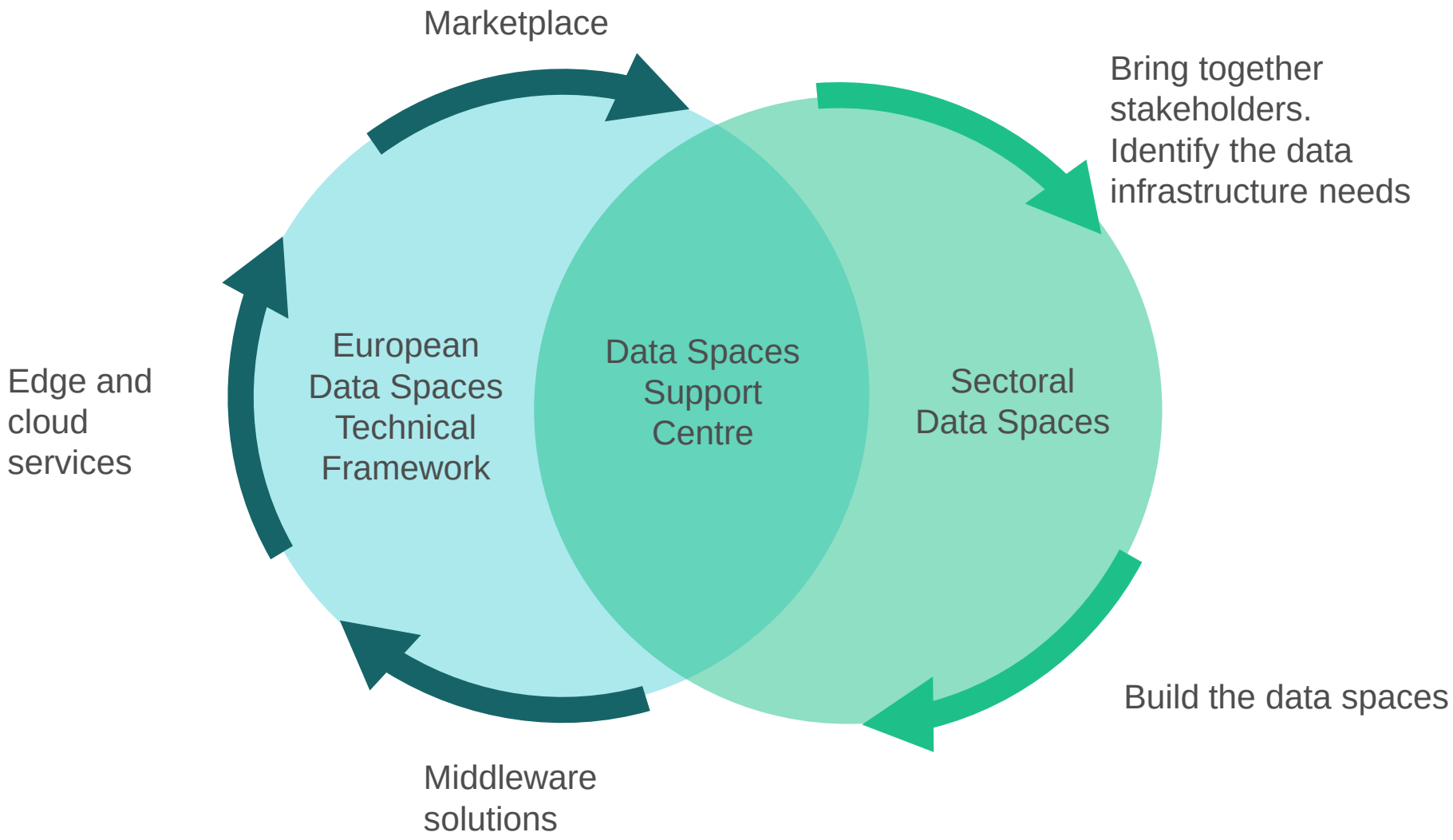
- Green Deal
- Smart communities
- Agriculture
- Mobility
- Health - Genomics
- Health - Cancer Images
- Skills
- Manufacturing
- Public Procurements
- Security data space for innovation
- Financial
- Tourism
- Language
- Cultural Heritage
- Media

European Commission

Key characteristics of a data space

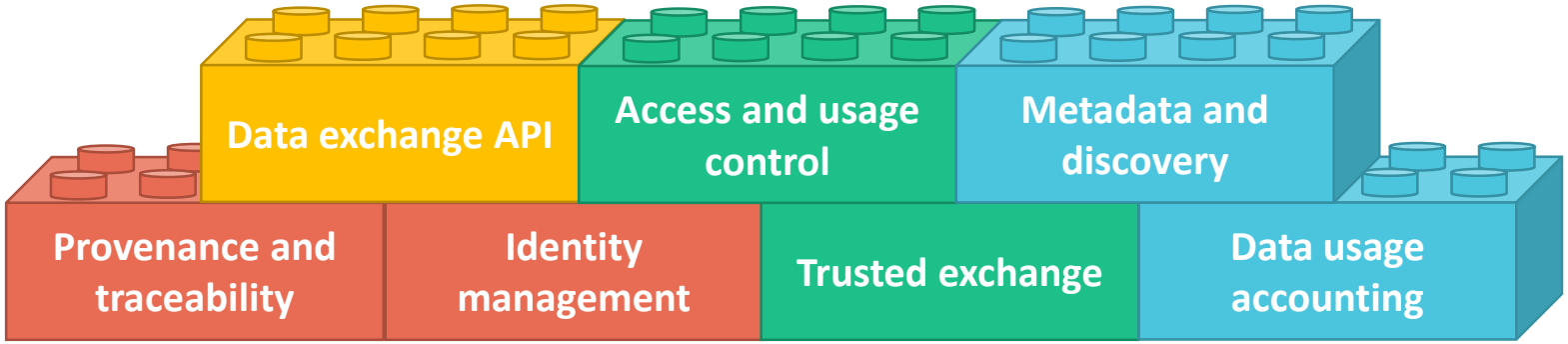
- A secure and privacy-preserving IT infrastructure to pool, access, process, use and share data.
- A data governance mechanism, comprising a set of rules of legislative, administrative and contractual nature that determine the rights to access, process, use and share data in a trustful and transparent manner.
- Natural and legal persons participating in the dataspace (the data holders) will be in control of the data they generate, of who can have access to it, for which purposes and under what conditions it can be used.
- Presence of vast amounts of data that are made available on a voluntary basis and can be reused against remuneration or for free, depending on the data holder’s decision.
- Participation by an open number of organisations/individuals.

Data Spaces and Infrastructure in DIGITAL



Data Spaces technical infrastructure in DIGITAL

Smart middleware
for
European cloud federation and the European data spaces

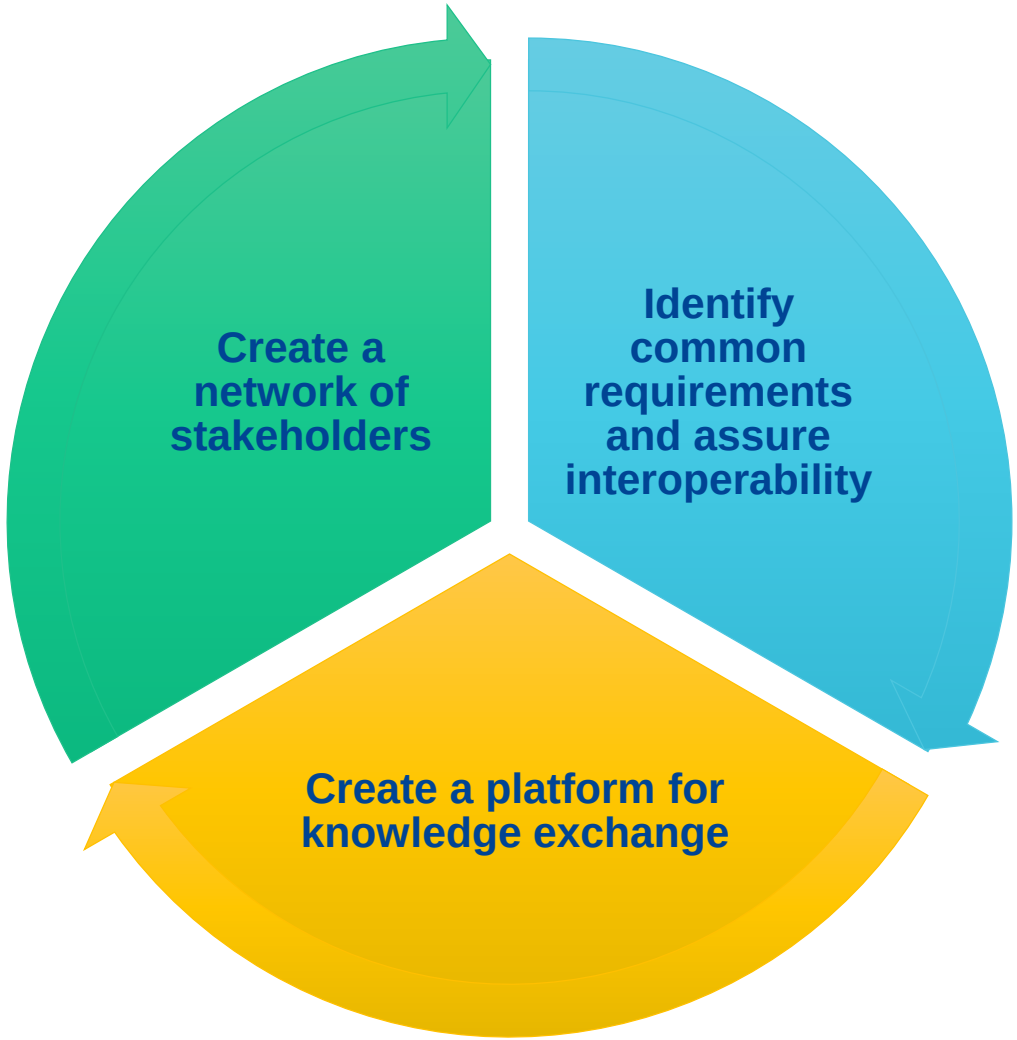


Providing a framework that makes it easier and more efficient to build, customize, and deploy data spaces

European Commission

Data spaces support centre

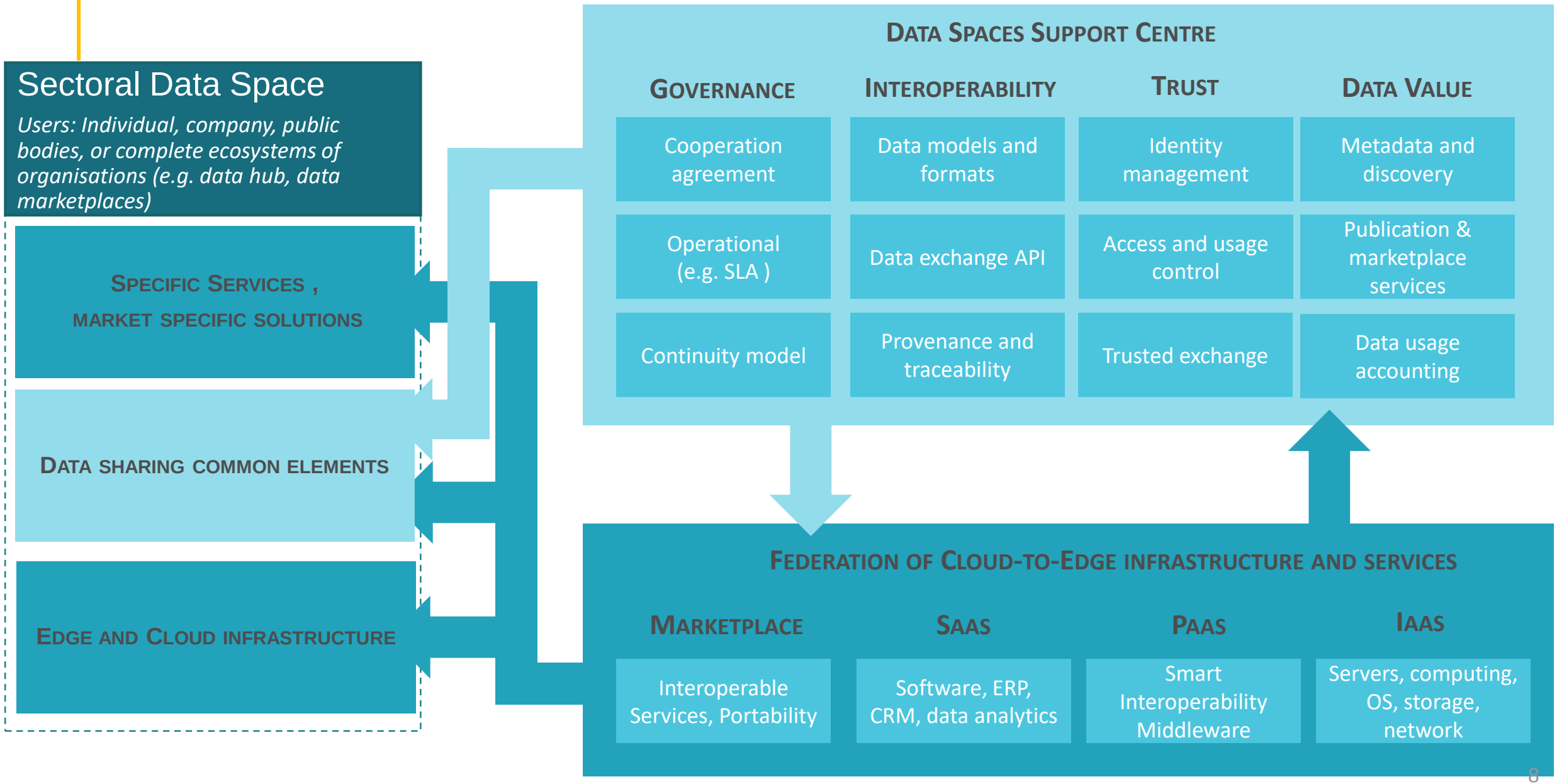
Closely work with CSAs and projects funded under DIGITAL



Support the work of the envisaged European Data Innovation Board

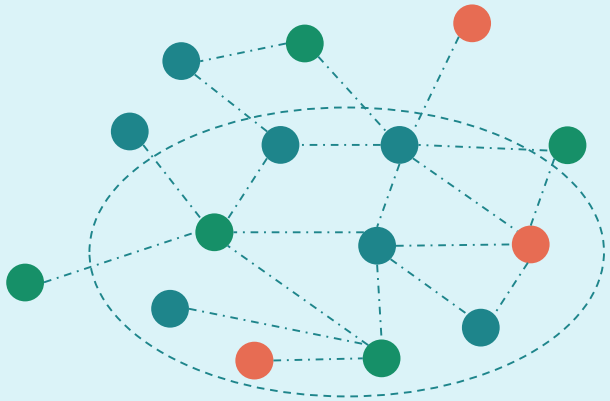
Support the deployment of data spaces

Data spaces deployment



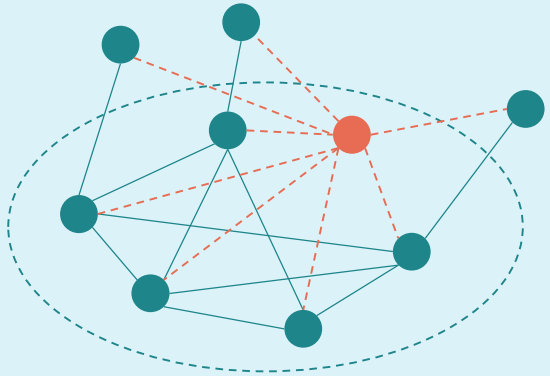
DIGITAL approach for the deployment of sectoral data spaces

I **Establishing a stakeholders network**



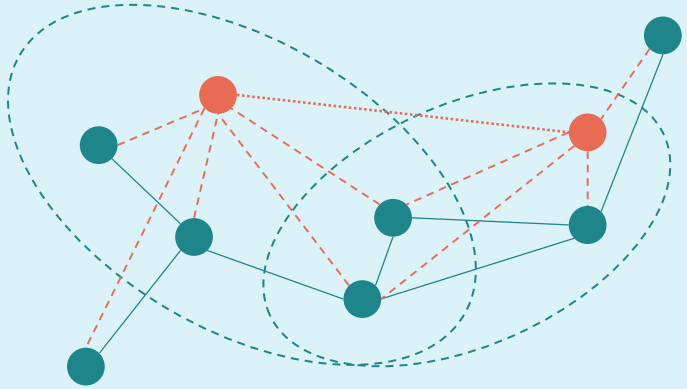
Coordination Support Action

II **Support the creation of initial data infrastructures**



Grants

III **Federation of projects in large data spaces**



Grants

Roles:
- Participant (Data Provider | Data User);
- Data intermediary.
- Technology provider.

European Commission