Common European data spaces under the Data Strategy

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At the crossroads of two EU strategies

Data Strategy

Establish a single market for data
Enable data sharing and
establish fair and clear rules on
data use and access.

Sustainable and smart mobility strategy

Ensure that the EU transport sector
is fit for a clean, digital and modern
economy

→ A **common European mobility data space**
facilitating access, pooling and sharing of data from existing
and future transport and mobility data sources
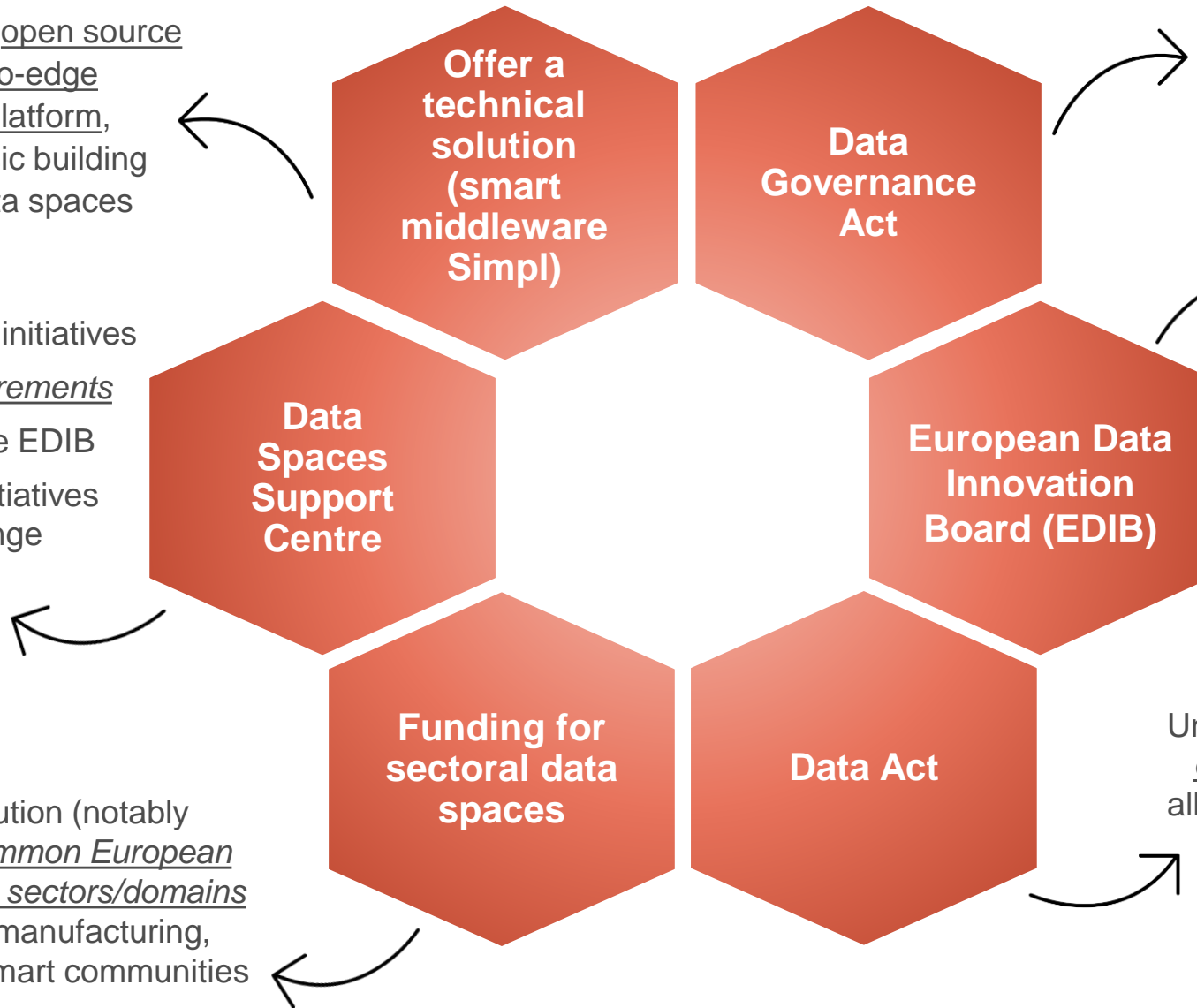
European Commission

Common European data spaces

✓ **Data space**: decentralised infrastructure enabling data sharing between parties within a data ecosystem, based on a common governance framework.

✓ **Secure and trustworthy**: Participants in data spaces can access and share data in a secure, trusted, easy and unified way.

✓ **Data sovereignty:** Data holders can control who accesses their data, for what purpose and under which conditions.

✓ **Compliant with applicable EU legislation**, both sectoral and cross-sectoral.

→ Deployment in key sectors: health, manufacturing, agriculture, **mobility**, Green Deal (including smart cities and communities), energy, tourism, etc.

European Commission

The EC's role in supporting the creation of data spaces

Procuring an <u>open source smart cloud-to-edge middleware platform</u>, providing basic building blocks for data spaces

Increase <u>trust</u> in data sharing (neutral data intermediaries, i.e., the orchestrators of the data spaces)

EU project to
- *coordinate* data space initiatives
- Identify *common requirements*
- Support the work of the EDIB
- Support data space initiatives and knowledge exchange

Support the Commission in:
- *Issuing guidelines* to facilitate the development of the common European data spaces
- Identifying the relevant standards and interoperability requirements for *cross-sector data sharing*

EU financial contribution (notably DIGITAL) *to deploy common European data spaces in strategic sectors/domains* e.g. mobility, energy, manufacturing, tourism Green Deal & smart communities

Unlock the potential of the EU's *industrial data* (IoT data), ensure <u>fairness</u> in the allocation of data value among the actors of the data economy

Offer a technical solution (smart middleware Simpl)

Data Governance Act

Data Spaces Support Centre

European Data Innovation Board (EDIB)

Funding for sectoral data spaces

Data Act

European Commission

Useful links

European data strategy
https://ec.europa.eu/info/strategy/priorities-2019-2024/europe-fit-digital-age/european-data-strategy_en

Data Spaces Support Centre
https://dssc.eu/

Simpl
https://digital-strategy.ec.europa.eu/en/news/simpl-cloud-edge-federations-and-data-spaces-made-simple

Staff working document on data spaces
https://digital-strategy.ec.europa.eu/en/library/staff-working-document-data-spaces

Thank you

European Commission