A European Strategy for Data

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Data policy & innovation

What are the problems?

Not enough data available for reuse

- More public sector data can be made available
- Low uptake of voluntary data sharing among companies
- No clarity on the use of private sector data for the common good

Lack of European data processing & storage solutions

Absence of comprehensive data governance approaches

- To address legal and technical barriers within and across sectors (e.g. standardisation & interoperability)

Skills shortage and low data literacy

Fragmentation of the single market

No real user empowerment

- imperfect data portability mechanisms

European Commission

European Strategy for Data

A common European data space, a single market for data

Data can flow within the EU and across sectors

Availability of high quality data to create and innovate

European rules and values are fully respected

Rules for access and use of data are fair, practical and clear & clear data governance mechanisms are in place

European Commission

Deploying the strategy through 4 Pillars

A governance framework for data

including a legislative framework for the governance of European data spaces and other cross- sectoral measures for data access and use

Enablers

Total investments of € 4-6 billion in a High Impact Project on European data spaces and federated cloud infrastructures

Competences

Empowering individuals, investing in digital skills & data literacy and in dedicated capacity building for SMEs.

Rollout of common European data spaces

in crucial economic sectors and domains of public interest, looking at data governance and practical arrangements.

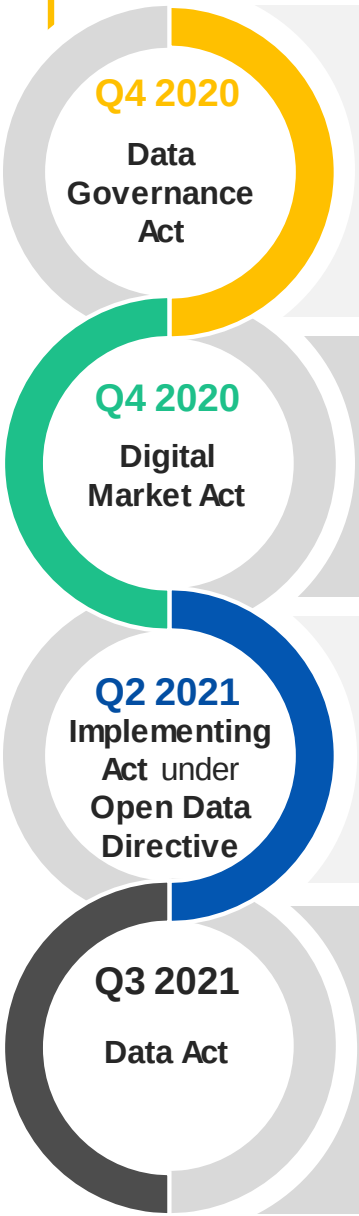
European Commission

Overview of data actions

[D] What data are we talking about?

[H] Who holds such data?

[A] What policy intervention?



Good governance of data cannot wait

[D] Data voluntarily made available by data holders

[H] Public sector, business, individuals, researchers

[A] Make such data easier to share in a controlled manner (technical, legal and with organisational support).
Build trust in data sharing;
Ensure data interoperability across sectors

Data: a key element of Big Tech's market power

[D] Data held by online platforms originating from the users (both businesses and individuals)

[H] Online platforms

[A] Among other policy options, identify appropriate data access and data portability remedies.

High quality government data for SMEs & innovation

[D] 'High value' Open Government Data (core reference data)

[H] Public sector

[A] Make such data available for re-use free of charge.

Better access to and control over data for a fair data economy

[D] Co-generated IoT data from industry and individuals,
Big data sources held by business

[H] Business

[A] Ensure flexible use of big data sources by government for the common good.
Establish fairness in use of co-generated IoT data.
Make sure that Europeans stay in control over their data vis-à-vis third country jurisdictions.
Examine IPR legislation for possible obstacles.

Data Governance Act

Leveraging the potential of data for the economy and society

Pillar 1:
Re-use of **sensitive data** held by **public sector bodies**

Pillar 2:
Framework for new **data intermediaries** in the Single Market: Data broker

Pillar3:
Corporate and Individual **data altruism** for purposes of general interest

Pillar4:
Co-ordination and interoperability: **European Data Innovation Board**

Horizontal framework for the creation of a single market for data

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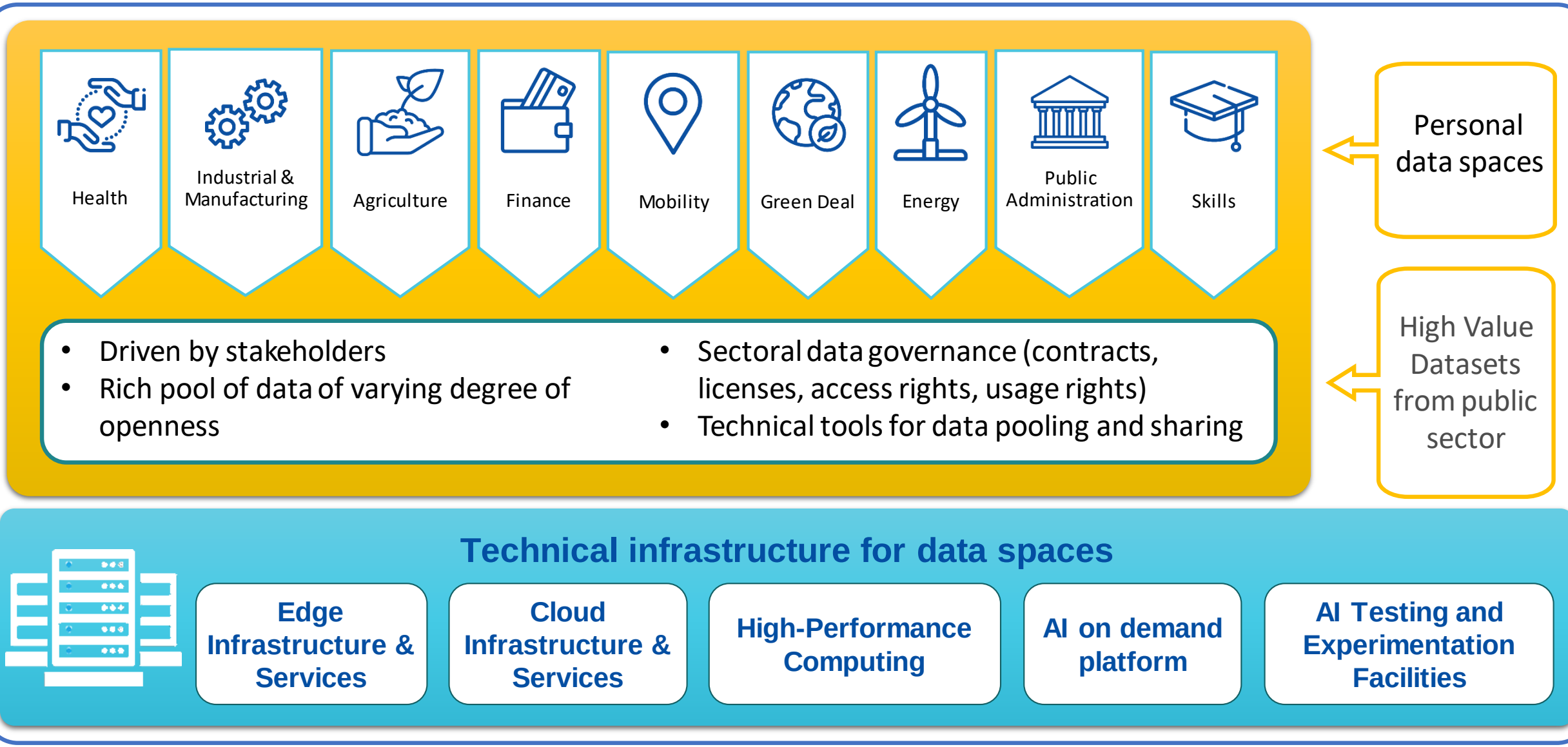
Common European data spaces



The European way of sharing data

Objective:

"Create the right conditions for people, companies and authorities to share data in a secure, trust creating manner."

- **Building trust** in data sharing.
- **Personal** and **non-personal data** in scope.
- **Re-use of public sector information**, but through novel mechanisms that protect information privacy (personal data, confidential business data).
- Voluntary B2B data sharing through **neutral data mediators**.
- Making easier voluntary sharing of data by individuals and companies, for **altruistic** and other motives.
- Support the creation of **sectoral common European data spaces** including the necessary infrastructure.

European Commission