



A rapid evolving digital landscape in Europe

Towards a true EU Single Data Market

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Learn more here:



Creating a single European market for data

European Data Strategy

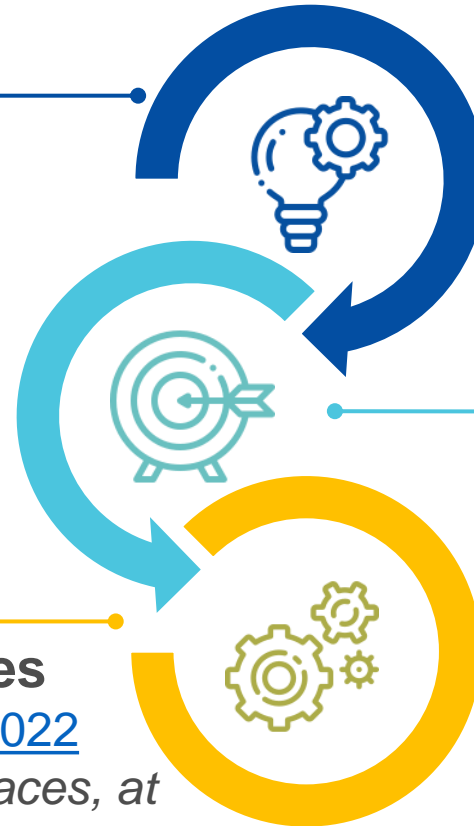
- [Published Feb 2020](#)
- *Genuine* internal data market
- Built on EU values and rules

Common European data spaces

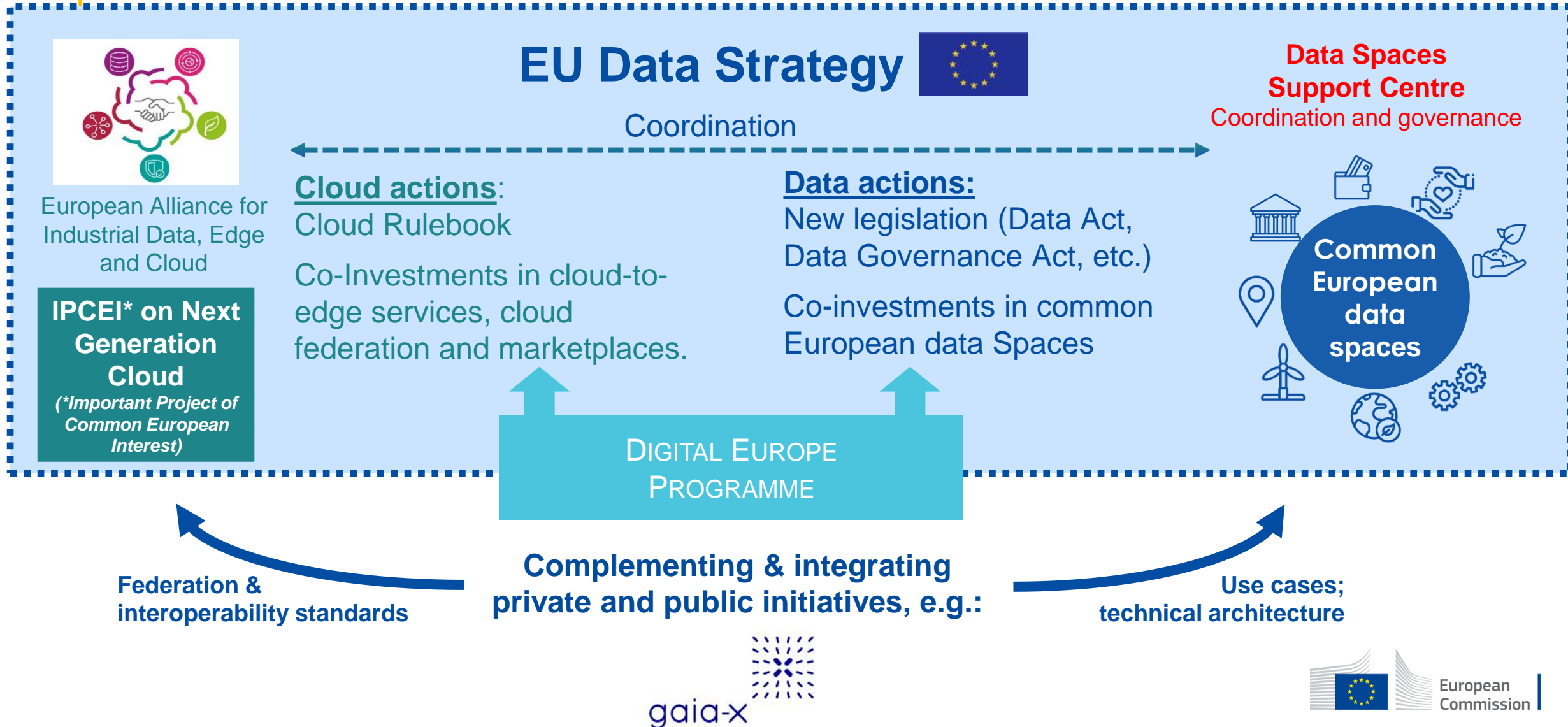
- [Staff Working Document – Feb 2022](#)
Overview development data spaces, at request European Council
 - ✓ Horizontal aspects (concept, legislation, EU programmes/funding)
 - ✓ Sectoral/domain-specific initiatives

A cross-sectoral legislative framework

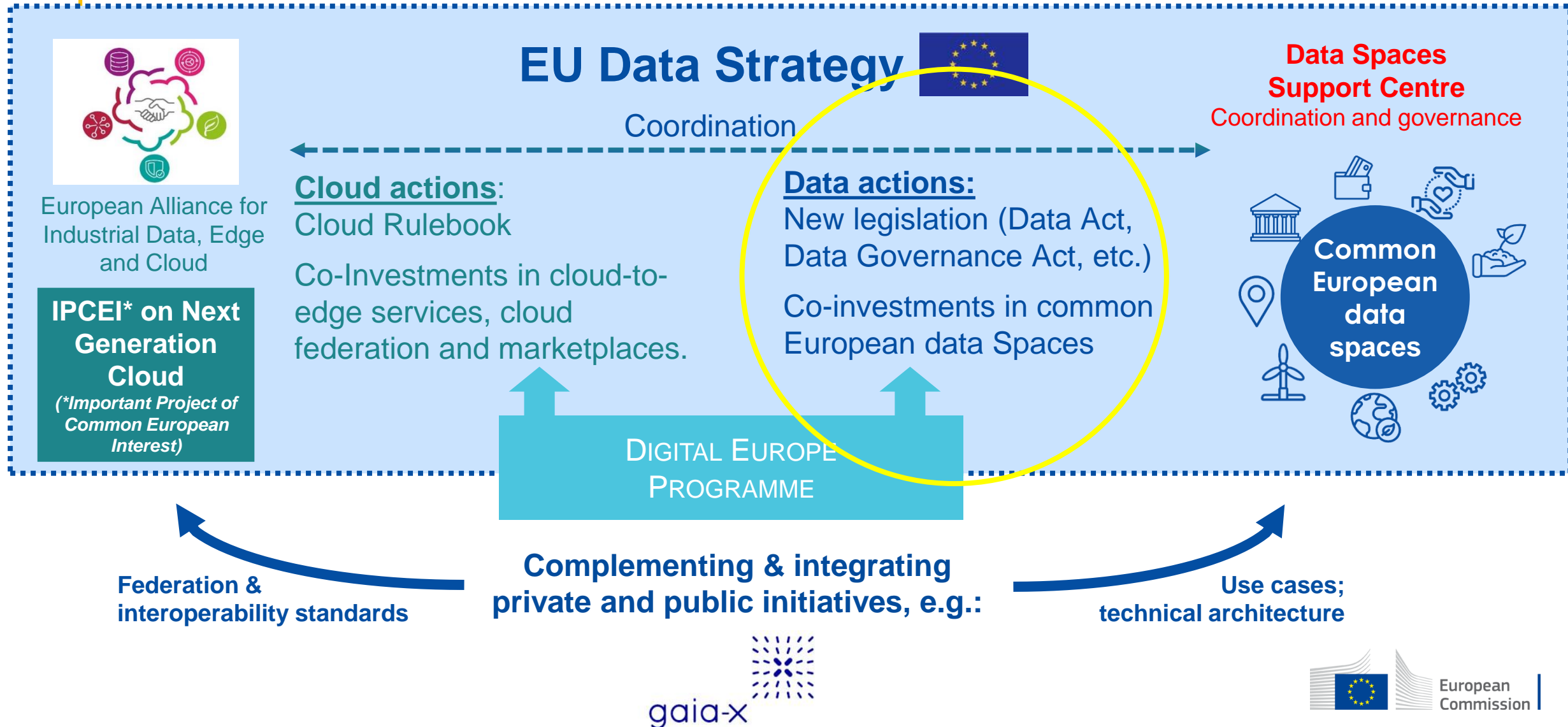
- [Data Governance Act](#) – in force July 2022
- [Data Act](#) – Proposal Feb 2022
- [Implementing Act on High-value datasets](#) (Open Data Directive) – draft Act May 2022



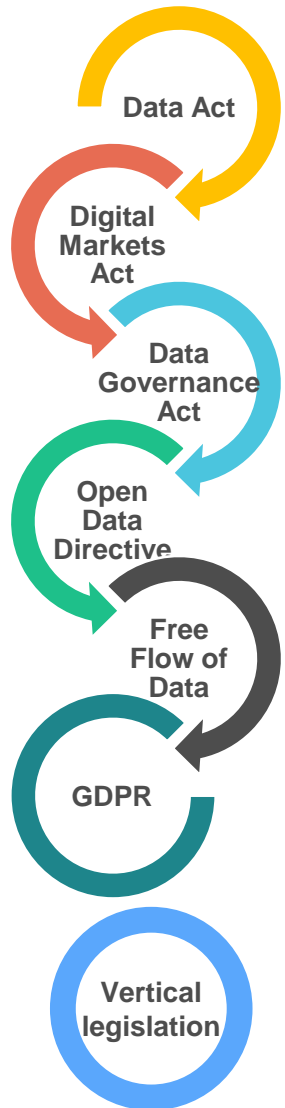
The European Data strategy



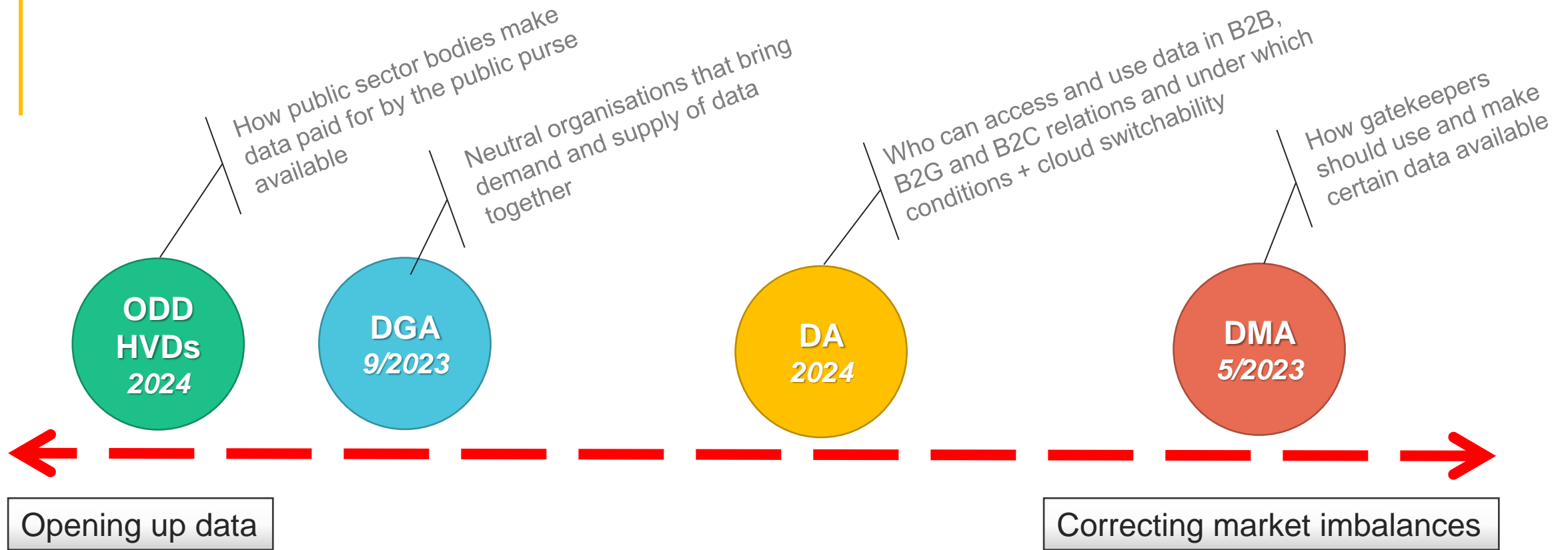
The European Data strategy



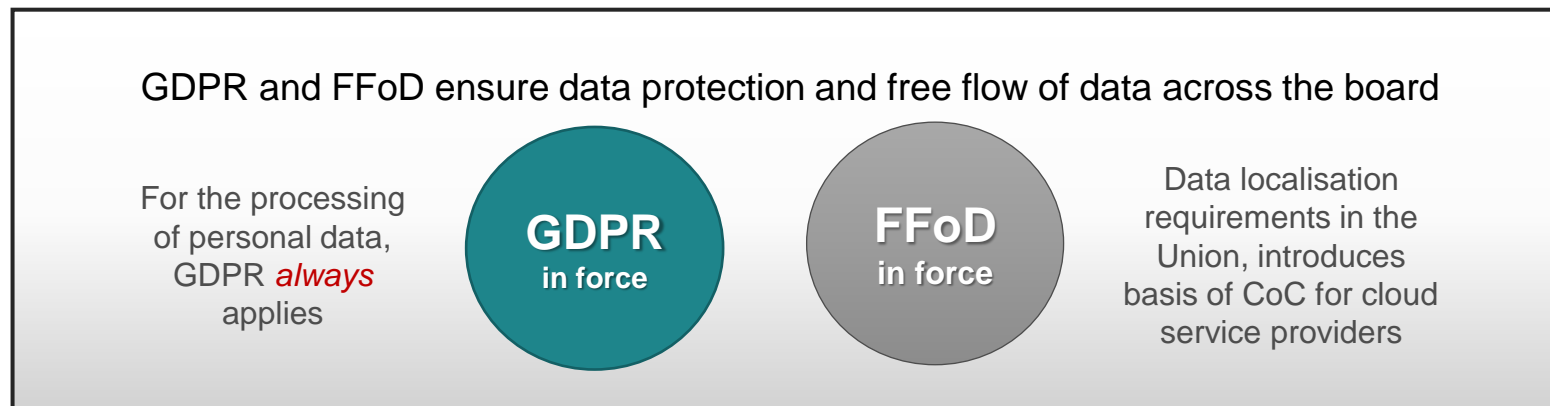
A comprehensive legislative framework



| Aim | Data Covered | Regulated Actors |
|---|--|---|
| Ensure FAIRNESS in the allocation of data value among the actors of the data economy | Private sector data, personal and non-personal data, and co-generated (IoT) data | Businesses, public sector bodies, cloud and other data processing service providers |
| Tackle imbalances caused by the MARKET POWER of gatekeepers | Personal data and private sector data held by online platforms and originating from the users | Cloud and other data processing service providers, large data platforms |
| Ensure TRUST in data transactions | Public and private non-personal data, and personal data voluntarily made available by data holders | Data intermediation service providers, public sector bodies, (Recognised) Data Altruism Organisations |
| Promote use of OPEN DATA | Data in an open format that can be freely used, re-used and shared by anyone for any purpose | Public sector bodies, bodies governed by public law, public undertakings, universities |
| Ensure FREE FLOW OF DATA other than personal data within the Union | Non-personal data | Member States, competent authorities, professional users |
| Ensures a high-level of DATA PROTECTION and free flow of personal data in the Union | Personal data | Data controller, data processor, data subject, DPO, supervisory authorities, EDPB |
| Promote a competitive market according to SECTOR-SPECIFIC rules where necessary, e.g. automotive | Personal and non-personal data | Individuals and private and public sector bodies |



- DA Data Act
 - DMA Digital Markets Act
 - DGA Data Governance Act
 - ODD Open Data Directive
 - HVDs Regulation on High Value Datasets
 - FFoD Free Flow of Data Regulation
 - GDPR General Data Protection Regulation
- Legend



Open Data directive (2019/1024 of 20/6/2019) => Implementing Act : list of high value datasets

Geospatial

*Earth observation
and environment*

Meteorological

Statistics

*Companies and
company ownership*

Mobility

Datasets listed in the implementing act to be made available:

- for free
- in machine-readable formats
- via Application Programming Interfaces (APIs)
- where relevant as bulk downloads

Data Governance Act – Regulation (EU) 2022/868

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



Pillar 3:

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



Pillar 4:

Co-ordination and interoperability:
European Data Innovation Board

Horizontal framework for the creation of a single market for data

Data Act proposal

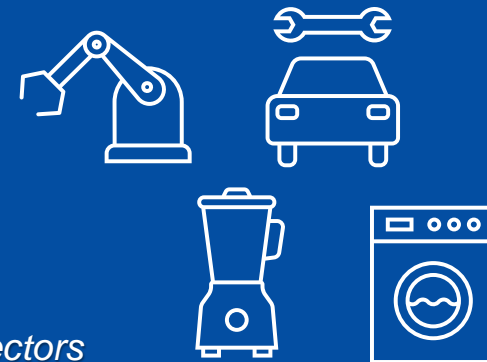
Better access to IoT (machine-generated) data

Manufacturers of IoT objects need to allow access & can use the data

↓
Users of IoT objects get right to access and port data

↓
3rd parties can use the data to offer services (SMEs get special conditions)

Rules for IoT data also frame data sharing in other sectors



Tackle contractual unfairness



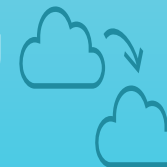
Companies are prohibited from unilaterally imposing unfair contractual clauses related to data sharing on SMEs

Make business data available for the common good



Companies must make data available to public sector bodies in case of emergencies and other exceptional needs

Easier switching between cloud services



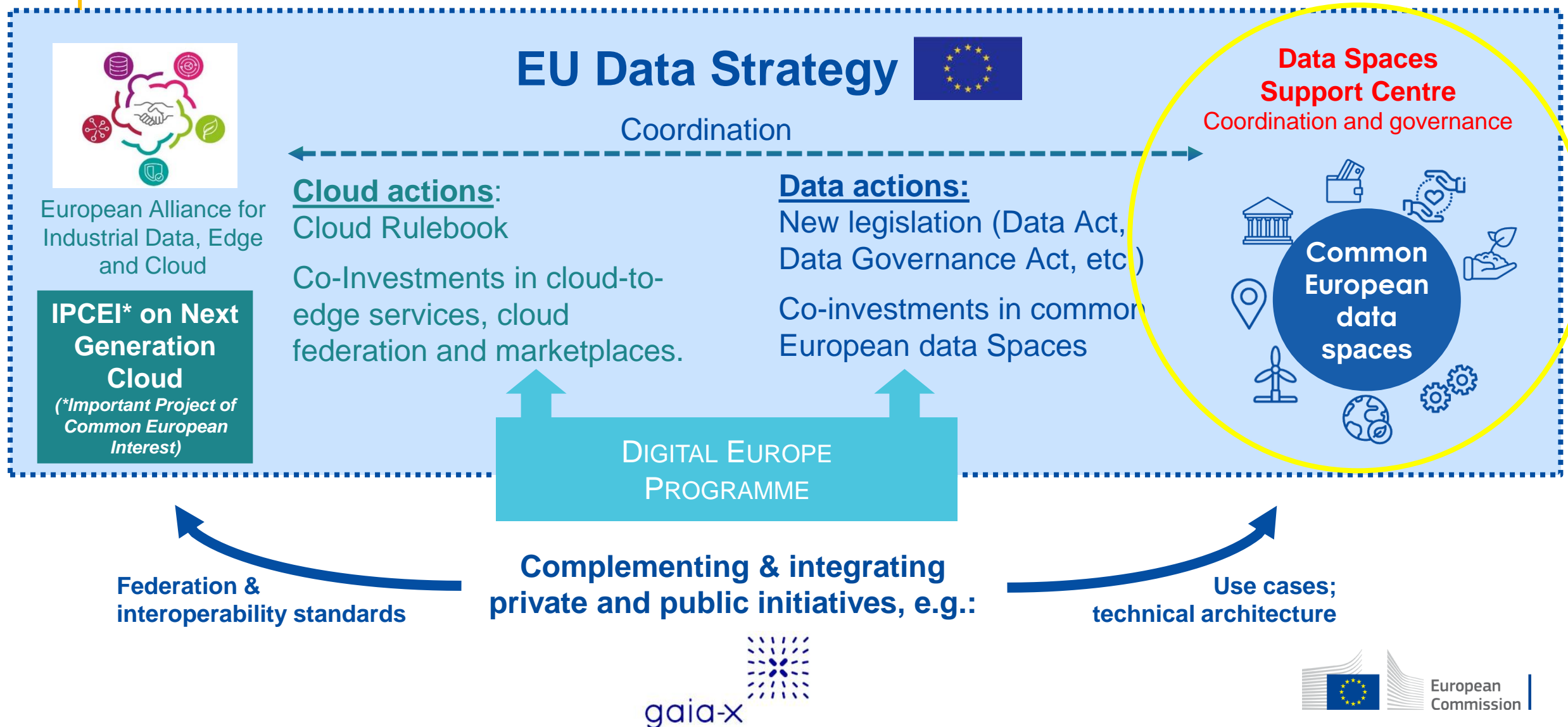
Cloud service providers must ensure easy switching conditions for customers



Facilitate data flows through technical standards and interoperability

The European Commission may adopt technical specifications if necessary to ensure interoperability

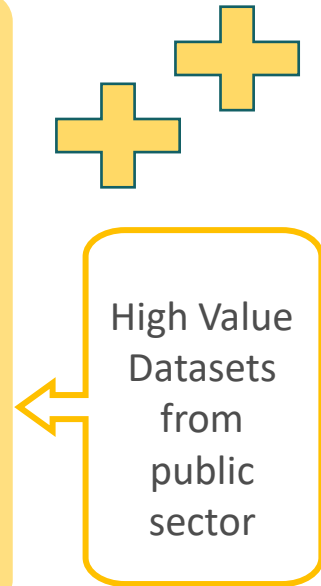
The European Data strategy



Common European data spaces



- Rich pool of data of varying degree of openness
- Driven by stakeholders
- Technical tools for data access, pooling and sharing
- Data governance mechanisms (access rights, usage rights, contracts, licenses)



Data Spaces Support Centre

- Coordinating the development of data spaces
- Assuring common standards and interoperability

Technical infrastructure for data spaces



Edge & cloud
Services

Smart
Middleware
solutions

Marketplace

High-Performance
Computing

AI on demand
platform

AI Testing and
Experimentation
Facilities

Where we stand now?

☐ High Value Datasets Implementing Act:

- Expected adoption: Dec 2022 / Jan 2023
- The regulation shall apply in 2024 (16 months after adoption)

☐ Data Governance Act

- Adopted on 30/5/2022 (Regulation (EU) 2022/868)
- The regulation shall apply from 24 September 2023

☐ Data Act

- Proposal in co-decision with EP and Council
- Expected adoption: 2023, applicable 2024 (12 months after adoption)

☐ Common European Data Spaces

- Preparatory actions launched in Digital Europe Programme (calls 1 and 2)
- 4 data space deployment calls currently open until 24 January 2023 (call 3)
- Deployment actions mostly start in 2023

☐ Digital Europe work programme

- WP 2023-24 to be adopted in Q1 2023
- First call: Q2 2023

Thank you for your attention



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EU Data Strategy:

