# The EU Data Strategy and Open Data

GO-PEG webinar
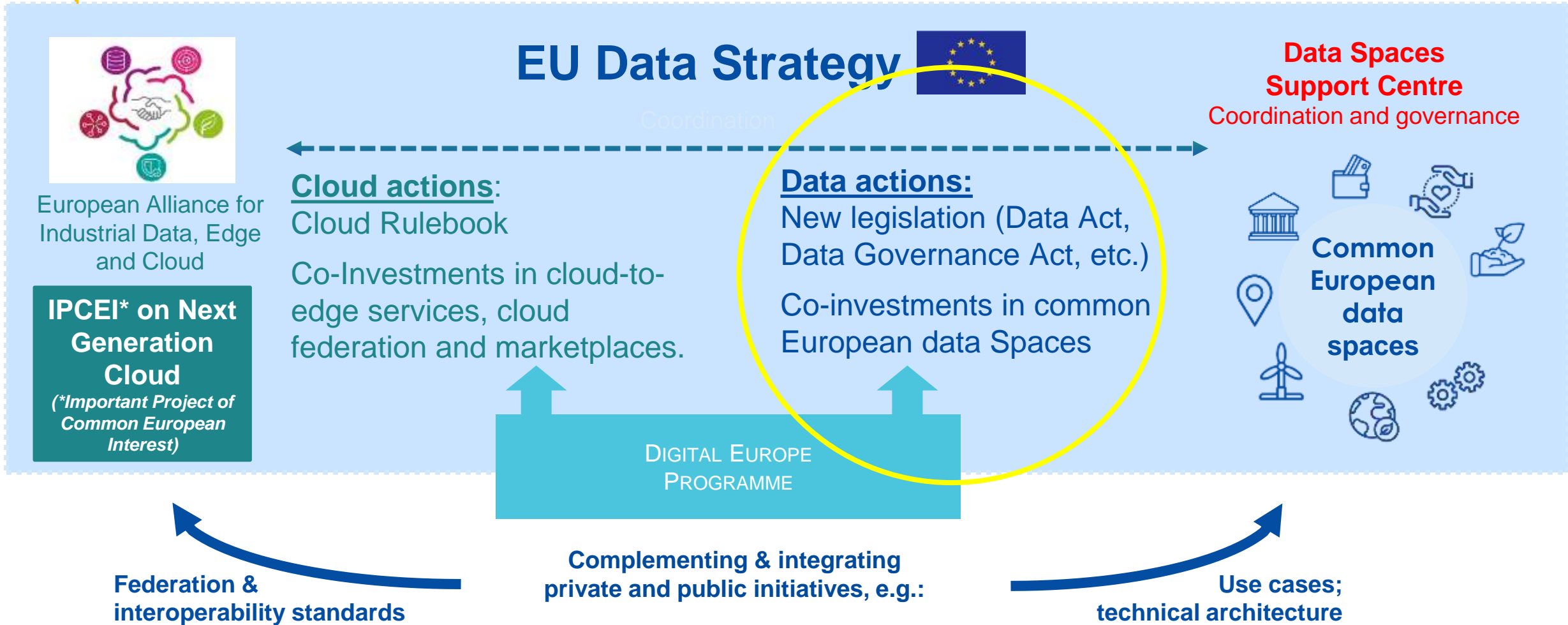Practicing FAIRness for geospatial and cross-border data
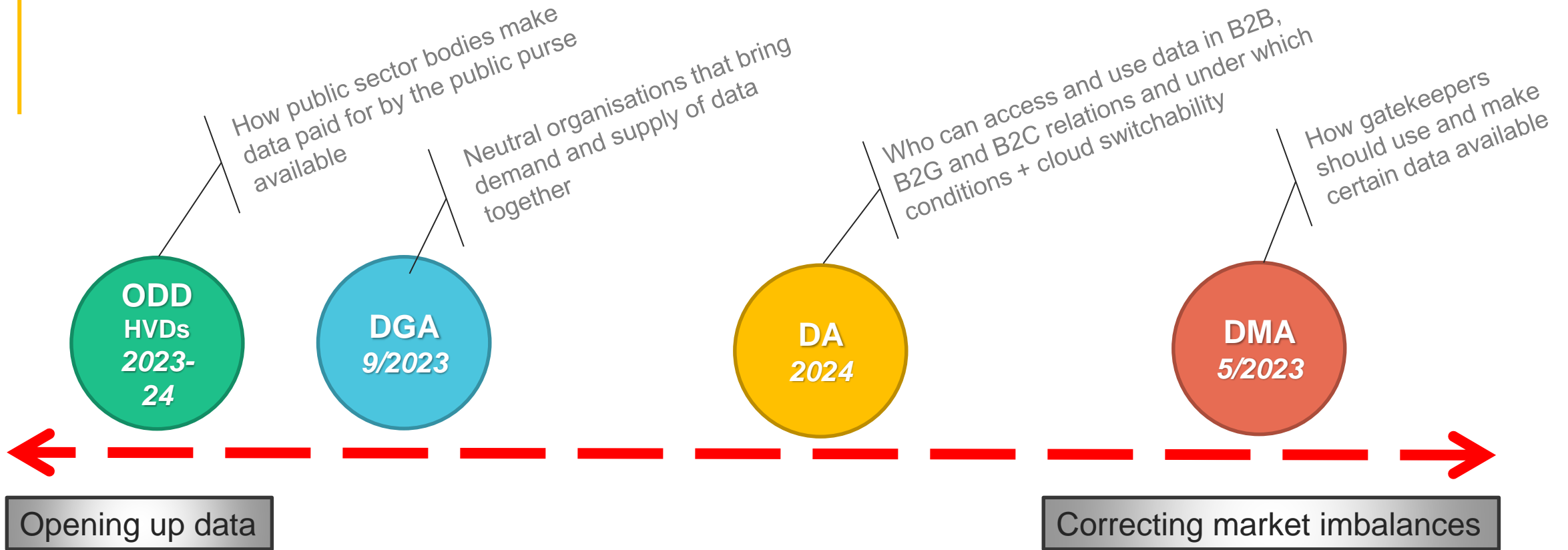
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# Key considerations of the Data Strategy

- Leveraging the potential of data, in particular industrial data;
  this may mean re-using existing data;
  re-use of existing data may mean 'data sharing' or 'data exchange'

- Sharing while keeping control and reducting friction / transaction costs

- Data intermediaries to support the emergence of collaborative / open ecosystems

- Wider access: Access and portability rights

- Human-centric data economy: Identity & data wallets, portability rights;

- Common European data spaces

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# The European Data strategy

## EU Data Strategy

**Data Spaces Support Centre**
Coordination and governance

European Alliance for Industrial Data, Edge and Cloud

**IPCEI\* on Next Generation Cloud**
*(\*Important Project of Common European Interest)*

**Cloud actions**:
Cloud Rulebook

Co-Investments in cloud-to-edge services, cloud federation and marketplaces.

**Data actions:**
New legislation (Data Act, Data Governance Act, etc.)

Co-investments in common European data Spaces

**Common European data spaces**

DIGITAL EUROPE PROGRAMME

**Federation & interoperability standards**

**Complementing & integrating private and public initiatives, e.g.:**

**Use cases; technical architecture**

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How public sector bodies make data paid for by the public purse available

Neutral organisations that bring demand and supply of data together

Who can access and use data in B2B, B2G and B2C relations and under which conditions + cloud switchability

How gatekeepers should use and make certain data available

**ODD**
**HVDs**
*2023-24*

**DGA**
*9/2023*

**DA**
*2024*

**DMA**
*5/2023*

Opening up data

Correcting market imbalances

GDPR and FFoD ensure data protection and free flow of data across the board

For the processing of personal data, GDPR *always* applies

**GDPR**
**in force**

**FFoD**
**in force**

Data localisation requirements in the Union, introduces basis of CoC for cloud service providers

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

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# Data Governance Act (Regulation (EU) 2022/868 of the European Parliament and of the Council of 30 May 2022)

## 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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[Commission Implementing Regulation (EU) 2023/138 of 21 December 2022 laying down a list of specific **high-value datasets** and the arrangements for their publication and re-use](#)

Arrangements for the publication and re-use

a)      The datasets shall be made available for re-use:

- under the conditions of the Creative Commons BY 4.0 licence or any equivalent or less restrictive open licence;

- in a publicly documented, Union or internationally recognised open, machine-readable format;

- through application programming interfaces ('APIs')  and bulk download;

- in their most up-to-date version.

b)      The metadata describing the datasets within the scope of the INSPIRE data themes shall contain at least the metadata elements set out in Commission Regulation (EC) No 1205/2008.

c)      For the implementation of the Reference parcels and Agricultural parcels datasets, Member States shall take into consideration the ongoing implementation of Directive 2007/2/EC as well as the obligation foreseen by Article 67(3) and 67(5) of Regulation (EU) 2021/2116.

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# Common European data spaces



Health | Industrial & Manufacturing | Agriculture | Finance | Mobility | Green Deal | Energy | Public Administration | Skills

High Value Datasets from public sector

- Driven by stakeholders
- Rich pool of data of varying degree of openness

- Sectoral data governance (contracts, licenses, access rights, usage rights)
- Technical tools for data pooling and sharing

## 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

# Thank you very much for your attention

## For further questions:

**email:** CNECT-G1@ec.europa.eu
Unit G1 of DG CONNECT

**Websites with more information:**

https://eur-lex.europa.eu/legal-content/EN/LSU/?uri=celex:32019L1024

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

https://ec.europa.eu/digital-single-market/en/open-data