



Estrategia europea de datos

ASEDIE – 17.11.2022

Szymon Lewandowski

Data Policy and Innovation, DG CONNECT

European Strategy for Data



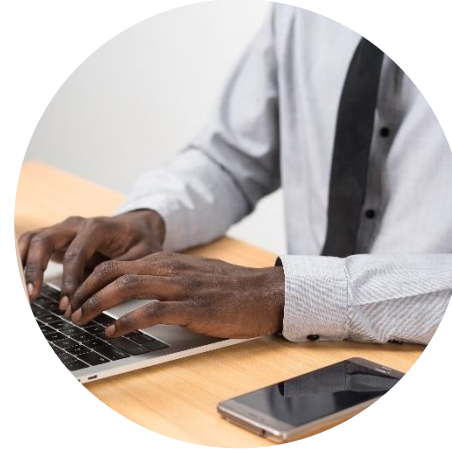
Legal framework for data access and use

European data governance and other cross- sectoral measures for data access and use as part of the Data Act



Enablers

Investments in data spaces and federated cloud infrastructures



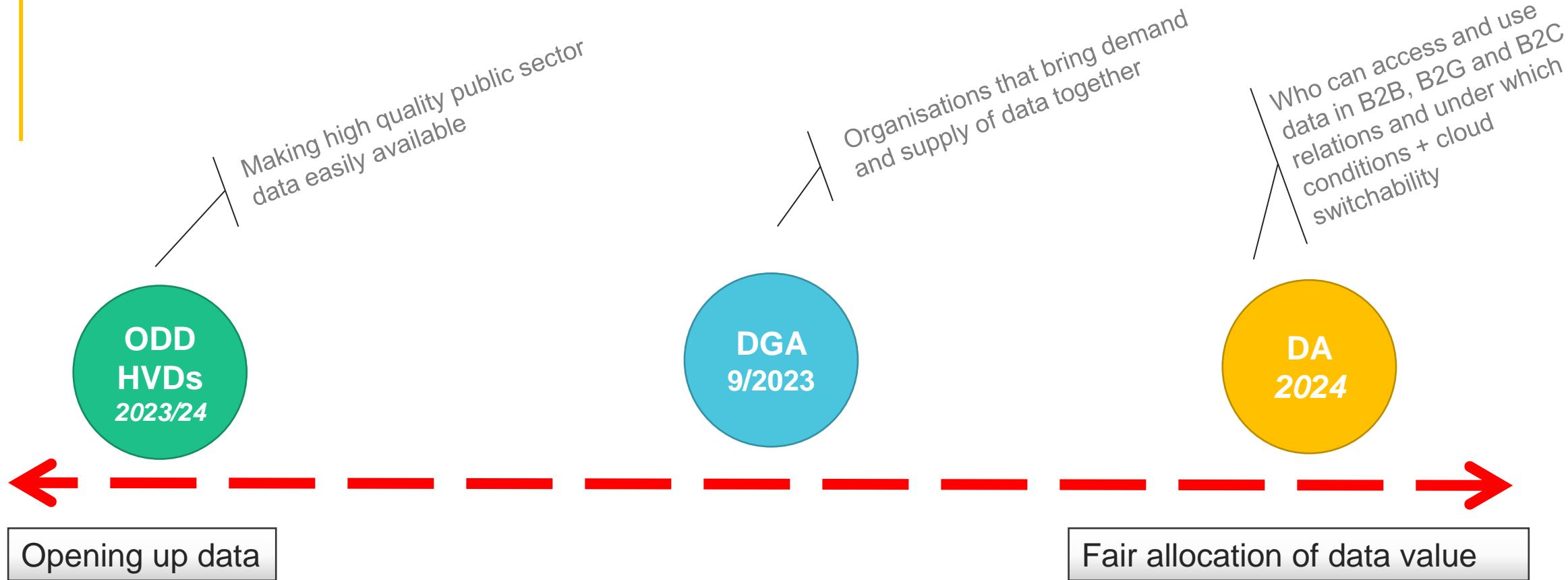
Competences

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

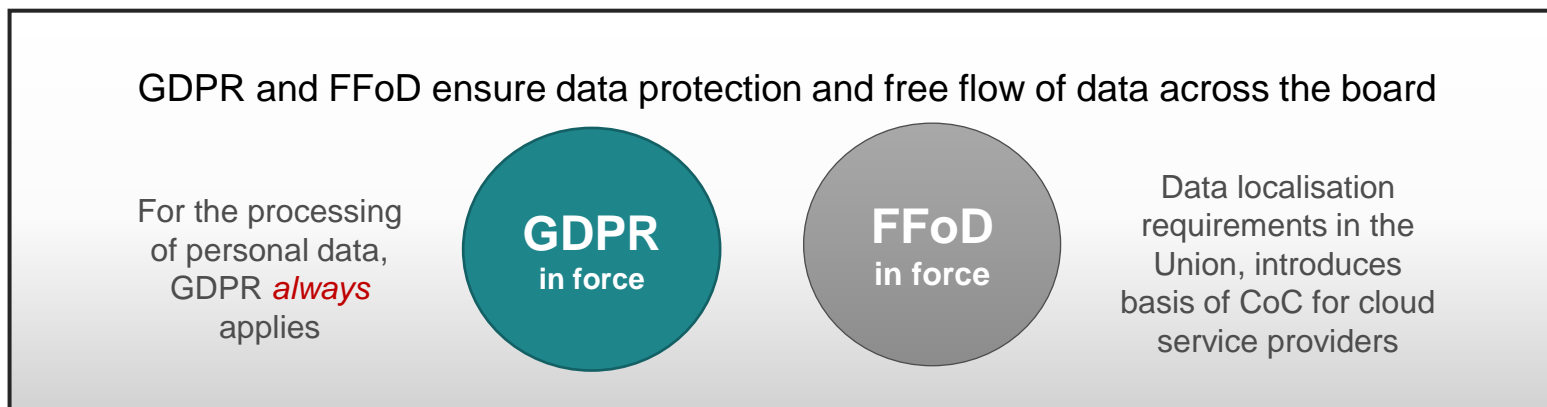


Rollout of common European data spaces

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



- DA Data 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



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

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 APIs and (where relevant) as bulk downloads

Data Act: Scope of rights and obligations

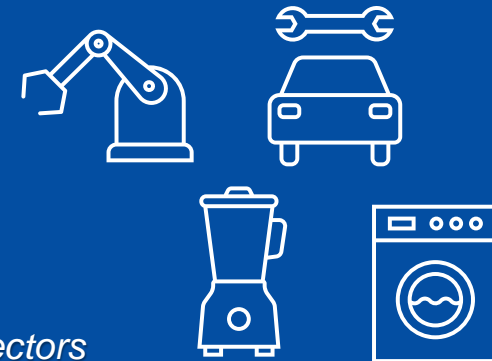
Better access to IoT data

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

Common European data spaces



- 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

IoT data,
private
sector data,
public
sector data
(HVDs)

Data Spaces Support Centre - <https://dssc.eu/>

- 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