



European data strategy and legislation

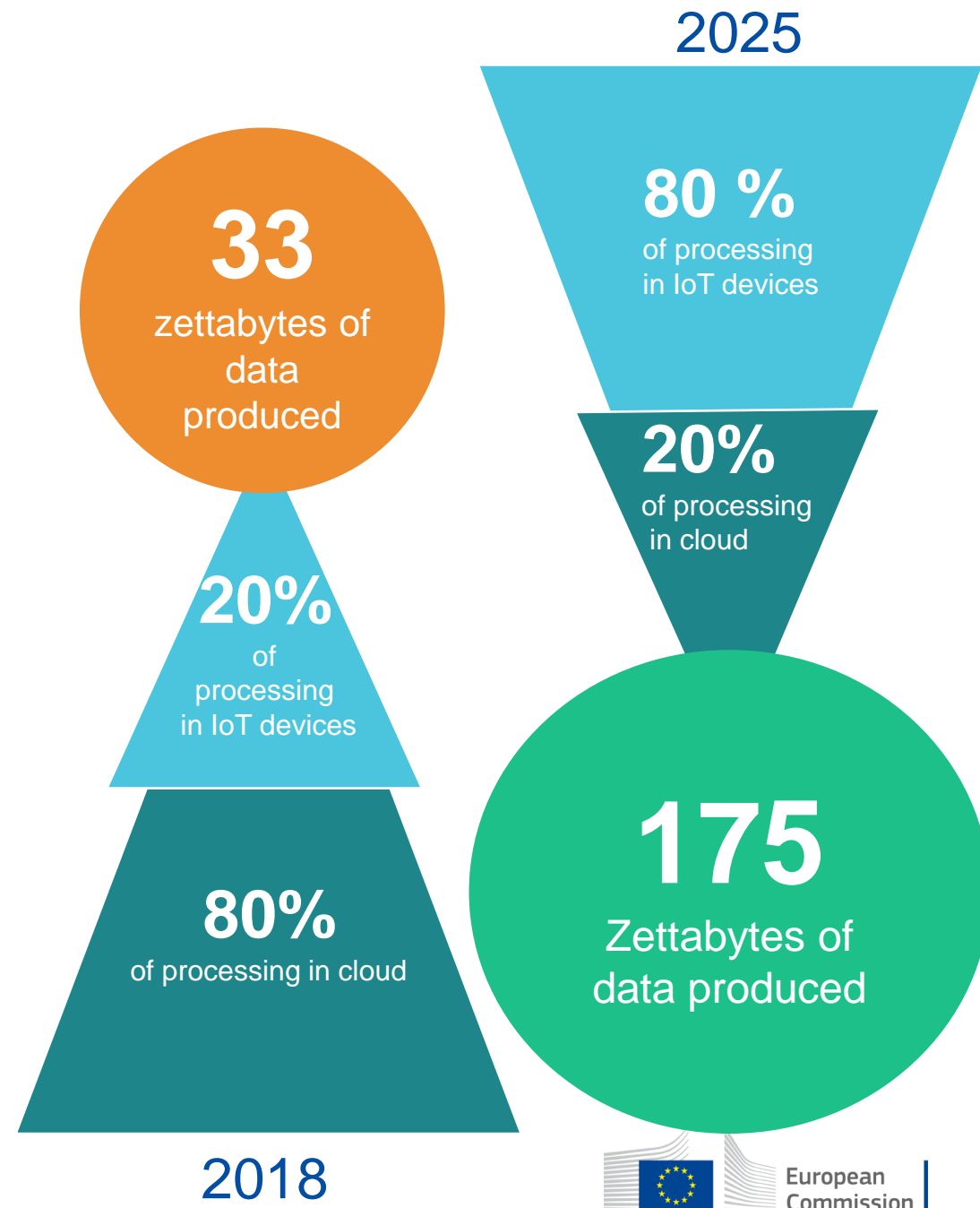
CONNECT University

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EU Economy and data

- Data can transform all sectors of the economy and is crucial for AI
- Personal and non-personal data can be a source of innovation for new products and services
- Data can contribute to tackle societal challenges such as climate change, health, mobility, etc.
- Value of the EU data economy in 2025: €829 billion (from €301 billion in 2018)



2020 EU Data Strategy: problems to address

Not enough data available for reuse

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

Issues related to IoT data

- Imperfect data portability mechanisms
- Lack of legal clarity on cogenerated data



Dominance of Big Tech, lack of European data processing & storage

Absence of comprehensive data governance approaches

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

Skills shortage and low data literacy

Fragmentation of the single market



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Deploying the European Strategy for Data through 4 Pillars



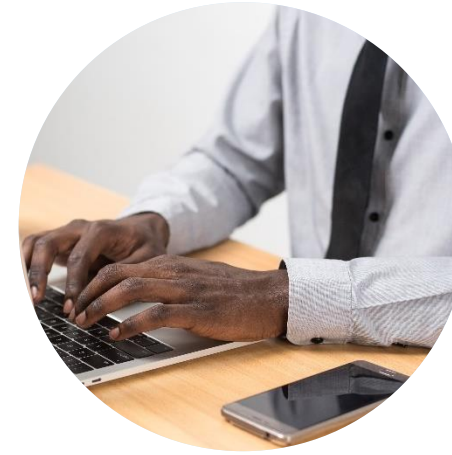
A cross-sectoral legal framework on data

including a legislative framework for European data governance and horizontal rules increasing legal certainty on data access and use



Enablers

Investments in data spaces and federated cloud infrastructures



Competences

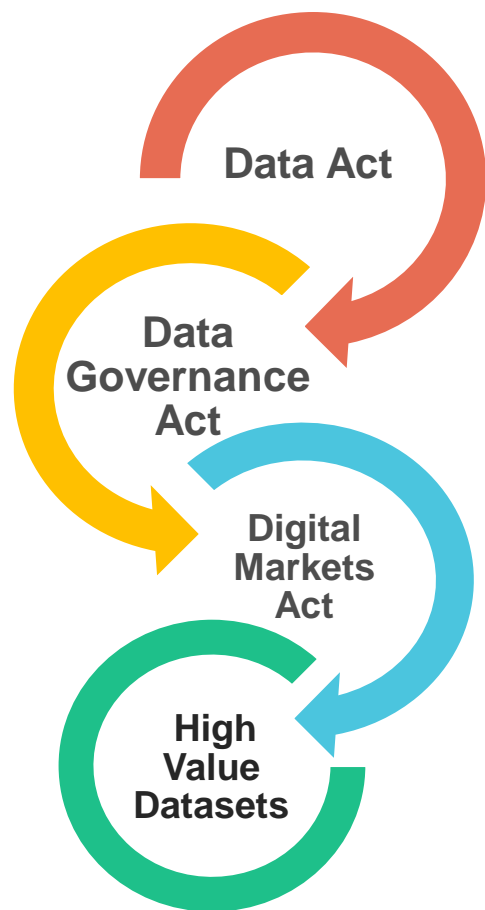
Empowering individuals, investing in digital skills & data literacy and in dedicated capacity building for SMEs.



Rollout of common European data spaces

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

Cross-sectoral legislation to enable the EU Data Strategy



Overall aim: **Single EU Data Space** (free flow of data for innovation, research, etc)

Ensure **FAIRNESS** in the allocation of data value among the actors of the data economy (DA expected adoption end 2023).

Ensure **TRUST** in data transactions
(adopted June 2022)

Tackle imbalances caused by the **MARKET POWER** of gatekeepers
(adopted September 2022)

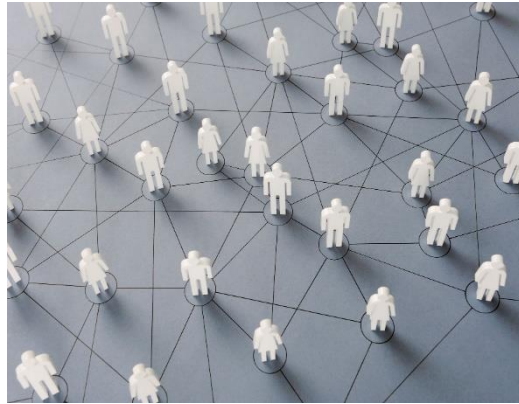
Unleash the socio-economic potential of data as a raw material for **INNOVATION**, in particular for **SMEs** (adopted December 2022)

GDPR: *The Data Act does not change or amend, but complements and builds on the rights existing under the GDPR.*

Sectoral legislation: *Further requirements on technical aspects, limits on the rights of data holders and aspects going beyond data access and use can be specified.*

Data Act - “regulates **who** can use **what** data, and under **which** conditions” – political agreement on 27 June 2023

Ensure **fairness** in the allocation of data value



Make more data available while safeguarding incentives for **data generation**



Unlock the value of Europe's **industrial data**



Help the EU to become a **global leader** in the data economy



Data Act – topics covered



Better access to IoT data



Rules for IoT data also frame data sharing in other sectors



Tackle contractual unfairness



Make business data available for the common good



Easier switching between cloud services



Facilitate data flows through technical standards and interoperability

Data Governance Act

Regulation (EU) 2022/868 of the European Parliament and of the Council of 30 May 2022, entry into application 24 September 2023)

Pillar 1:

Re-use of **closed data** held by **public sector bodies**

- **European single access point to public sector's non-open data**

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European register for protected data held by public sector – ERPD

Pillar 2:

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

- **EU register of data intermediation services**
- **Common logos for data intermediaries**

Pillar 3:

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

- **EU register**
- **Common logos for data altruism organisation**
- **Common European consent form**
- **Data altruism rulebook**

Pillar 4:

Co-ordination and interoperability:
European Data Innovation Board



Open Data Directive => Commission IR (EU) 2023/138

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
- Adoption: 21 December 2022
- Applicability: from 9 June 2024
- <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32023R0138>



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Thank you