



A European Green Deal Data space

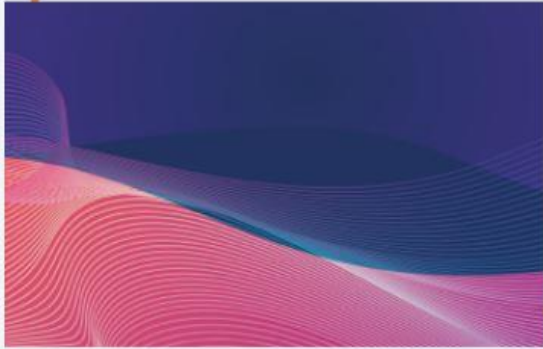
And the GreenData4All as an instrument to bring the public data in

A European Green Deal data space

1. Context setting
2. Discussion on specific objectives of a possible revision and actions to be explored in the impact assessment.

A Europe fit for the digital age

Empowering people with a new generation of technologies



Europe's Digital Decade

empowering businesses and people in a human-centred, sustainable and prosperous digital future



Shaping Europe's digital future

by making sure technology serves the people and adds value to their daily lives

FIVE FOCUS AREAS UNDER DIGITAL EUROPE PROGRAMME:



Supercomputing



Artificial Intelligence



Cybersecurity and Trust



Advanced Digital Skills



Ensuring the wide use of digital technologies across the economy and society



[European Chips Act](#)



[Contributing to European Defence](#)



[Artificial Intelligence](#)



[Space](#)



[European data strategy](#)



[Digital Services Act](#)



[European industrial strategy](#)



[Cybersecurity](#)



[High Performing Computing \(HPC\)](#)



[Digital skills](#)



[Digital Markets Act](#)



[Connectivity](#)

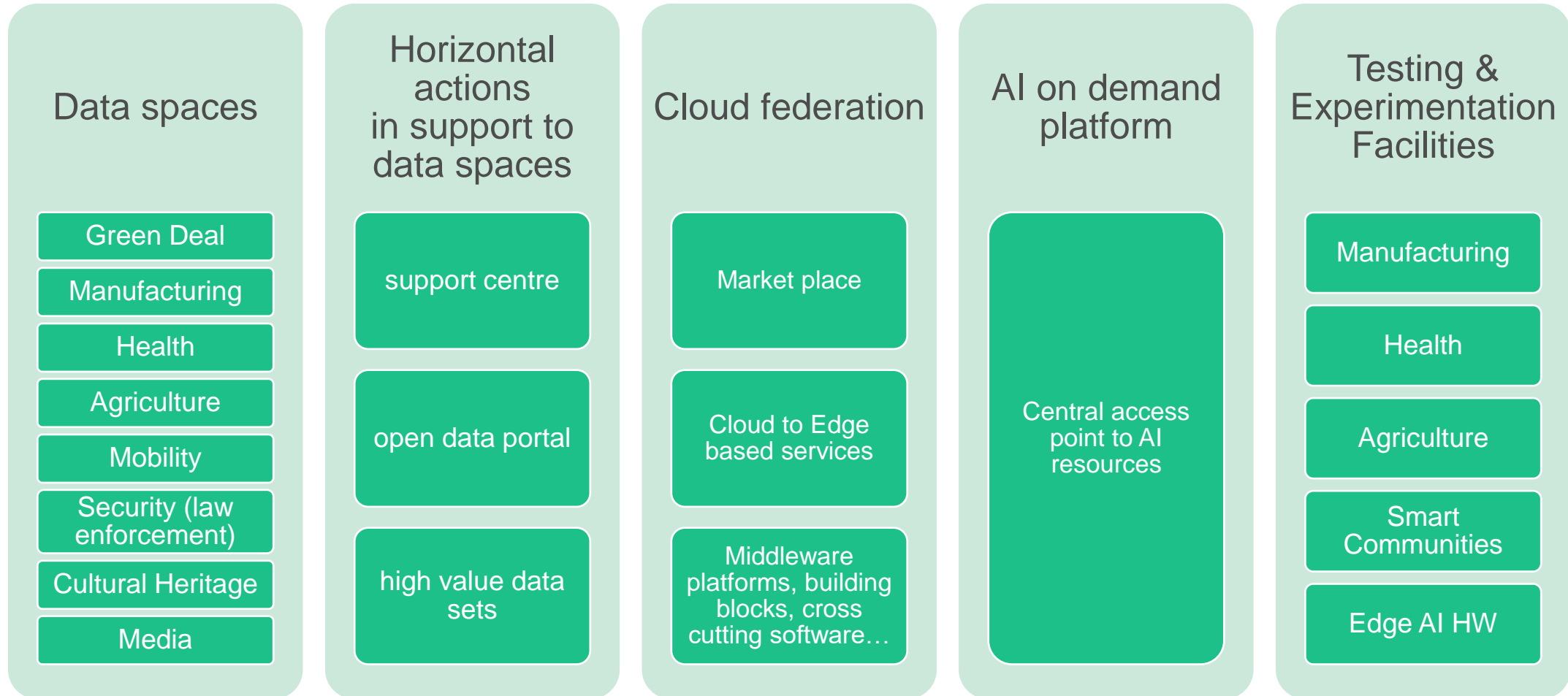


[European Digital Identity](#)



[EU-US Trade and Technology Council](#)

DIGITAL - Artificial intelligence, data and cloud



Twin challenge of the green and digital transformation

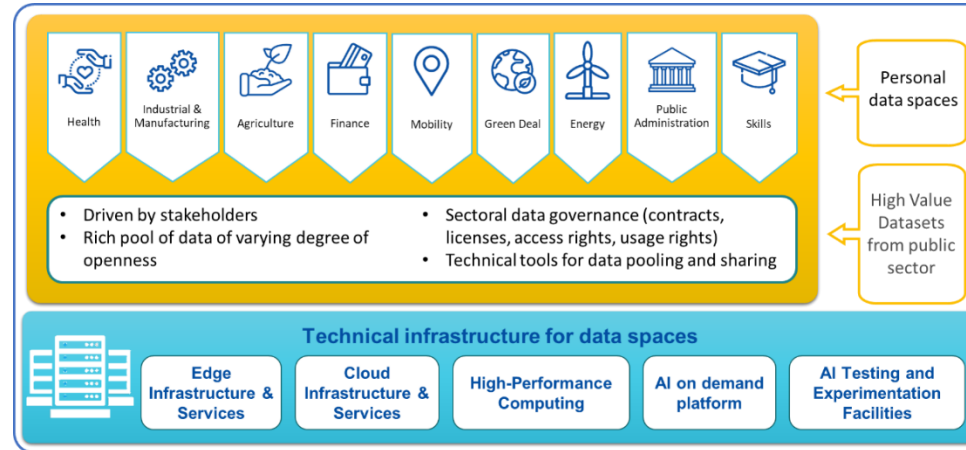
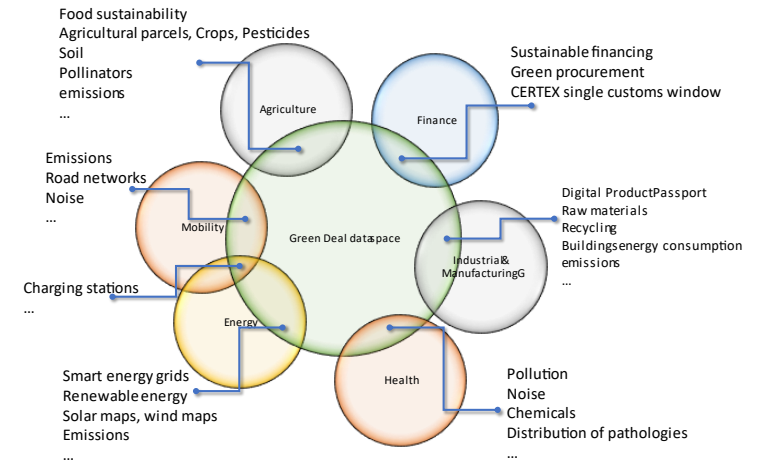


Green transition

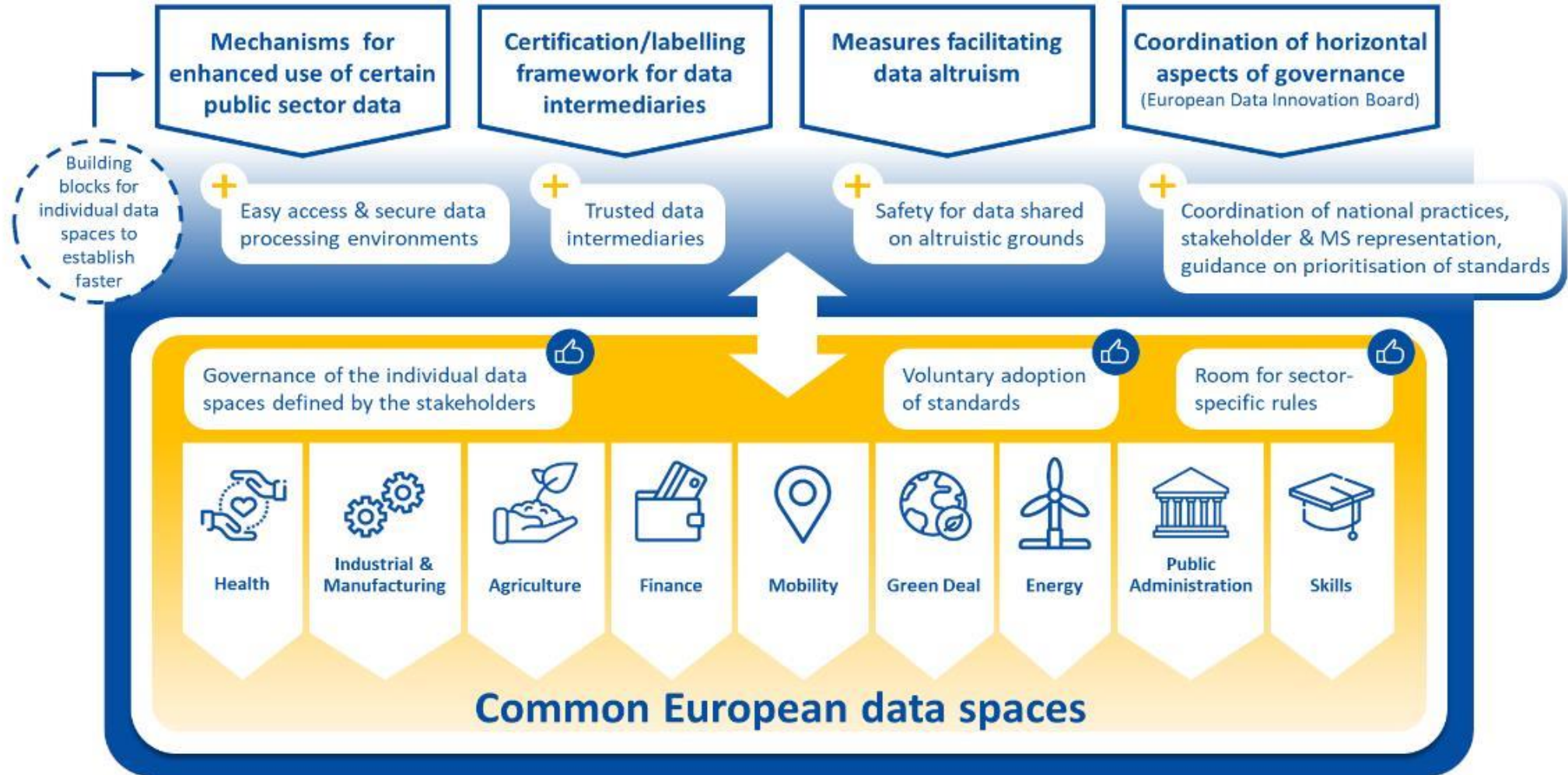
Digital transformation



European Common DataSpace
A Green Deal centric perspective



Interplay of the horizontal framework and the sectoral European data spaces



What has changed for INSPIRE in terms of boundary conditions

- Green Deal / green and digital twin transition (improve implementation of env law through better data, better use of data / policy driven use cases)
- Green Deal Data space (2025) – to pool data in key strategic sectors (DEP call, Support centre, Architecture concept, governance blueprint, data scope) (> data scope and business models / B2C; B2B ; B2G; G2G; G2Citizen; ...)
- GreenData4All (2025): support the development of a Green deal data space (revision of Directives 2007/2/EC & 2003/4/EC)
- Open Data Directive (coherence on charges and licenses / high value data sets) (2019)
- Data Governance Act: strengthen data sharing (extended data sharing G2B; align governance; altruism model ...)
- Data Act: maximize value of data for economy and society (Complement limited B2B, B2C, B2G scope with G2G,G2Public; interoperability of EU common data spaces, ...)
- Europe Interoperability Act: public sector interoperability across the Union (align Interoperability governance, interoperability specs, ...)
- UA war (energy transition, food security, circular economy ...), REPower EU
- Covid (RRP, green and digital funding opportunities)

GreenData4All in the midst of all this

INSPIRE as an enabler for the Green Deal dataspace

- In 2020, the European Data Strategy announces a ‘GreenData4All’ initiative as a driver for a possible review of the legal framework.
- European Green Deal as political driver for developing a EU Green Deal data space.
- Better availability and accessibility of environmental data will help to deliver on EU Green deal strategies.
- INSPIRE Directive is an important instrument for bringing data from public administrations into the Green Deal data space
- The evaluation of the INSPIRE Directive and specific parts of the Public Access to Environmental Information Directive is finished and the evaluation Staff Working Document (SWD) was published on the [“Have your say”](#) website in July 2022
- **Possible revision of the INSPIRE Directive**

Findings of the evaluation (SWD) – July 2022

- Still very relevant for addressing data sharing obstacles from the past and data needs for the future. It was also shown that the legal framework can be improved in terms of its effectiveness, modernisation supported by improved implementation could render the intervention a key instrument to make the necessary data available needed to address environmental challenges.
 - The objectives behind the INSPIRE Directive are still very relevant, the legal framework is **no longer fit for purpose**. Several parts of the Directive need revision. The objective of harmonisation and interoperability within the INSPIRE framework entails **technical specificities for standards that are too rigid to be fit-for-the-future** in the context of evolving standards and technologies.
 - There is a **simplification potential** of the implementation by addressing the requirement for interoperability.
 - INSPIRE is **legally coherent** with environmental legislation and with other relevant areas of EU policy such as **the EU legal framework on data** and can **support implementation of Public Access to Environmental Information Directive** and the Open Data Directive. Synergies between the three Directives could however be better exploited (reuse conditions, metadata ...).
- Important EU added value of the Directive can be maintained and further enhanced through its effective positioning in the emerging European data governance landscape and to become one of the key drivers of the upcoming Green Deal data space.

Lessons learned (SWD) – July 2022

- **Need for a revision** to make the INSPIRE Directive fully coherent and complementary in support of more recent digital and data legislation.
- Remaining **implementation gaps in Member States need to be closed.**
- **New data sources could be included** (IoT data, citizen-generated data, business data ...).
- The further implementation (data and services availability, accessibility and interoperability) of the INSPIRE Directive should be **user-driven.**
- The **legal framework should be technology neutral.**
- **More work is needed** on standardising data reuse conditions and licensing
- The future INSPIRE infrastructure should be an **integral part of the European data spaces.**

GreenData4All - Indicative roadmap

- The evaluation of the INSPIRE Directive and specific parts of the Public Access to Environmental Information Directive is finished and the evaluation Staff Working Document (SWD) was published on the [“Have your say”](#) website in July 2022
- Q1 2023: Call for Evidence for the Impact Assessment
- Q2 2023- Q4 2023 Public consultation
- Q2 2023–Q4 2024 Impact Assessment & study
- Q2 2025 Legal proposal adopted by the College
- ...

Objectives considered for the impact assessment

Building on the outcome of the evaluation of the INSPIRE Directive and taking into consideration the fast-evolving digital landscape

- Close remaining implementation gaps to effectively and efficiently make public data available needed to address environmental challenges, increase environmental democracy and strengthen the European data economy (European Common data spaces).
- Contribute to a coherent ecosystem for data sharing by pursuing maximal coherence with recent and emerging EU data legislation (Open Data Directive and its implementing Regulation on High Value datasets, Data Governance Act, Data Act).
- Make the legal framework future and technology proof in line with common implementation strategies for the European Common data spaces.
- Contribute to a European standardised framework for data reuse conditions and licensing.

Actions considered to explore in the impact assessment

- 1. Baseline scenario: continue to improve the implementation and maintenance of the INSPIRE Directive**
- 2. Amending requirements in the existing legislation** to align data reuse conditions and data sharing provisions with the Open Data Directive.
- 3. A mixed approach including mandatory and soft rules to better position the environmental data sharing framework in the digital strategy** within the existing scope of spatial environmental data. This could entail:
 - Better separate technological implementation choices from legal provisions to make the intervention better fit for future;
 - Allow for discretion in the application of interoperability rules by introducing soft law measures (e.g. good implementation practices, guidelines) to complement regulatory action, taking account of such factors as the nature and value of the data, current and emerging user needs or intended use;
- 4. Amending the active dissemination provisions** in the Public Access to Environmental Information Directive to align with relevant provisions in the INSPIRE Directive to promote once only dissemination and reflect current state of technology.

Actions considered to explore in the impact assessment

5. To establish an appropriate legal and governance framework to cover the access to and exchange of environmental data in support of the twin green and digital transition, research and innovation, policy-making and regulatory activities the following further options could be considered building on the scenario in option 2:
- a) **Beyond public sector data:** regulatory provisions and soft law measures to facilitate the participation of private sector, civil society and citizens as data providers or as data intermediaries, building on the framework provided by the Data Governance Act and the Data Act.
 - b) **Beyond spatial data:** regulatory provisions extending the data scope of the INSPIRE Directive and its annexes beyond spatial data to also cover the environmental information as defined in Article 2 of Directive 2003/4/EC of the European Parliament and of the Council. Aligning scope and process to sharing environmental information will minimize implementation burden and will be more effective in bringing public environmental data into the Green Deal data space.
 - c) **Beyond public sector spatial data:** a combination of both options 4.a and 4.b to foster a **genuine digital marketplace for green data** enhancing the availability, accessibility and application of trustworthy green deal data products and services in support of the twin green and digital transition.

Thank you



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