



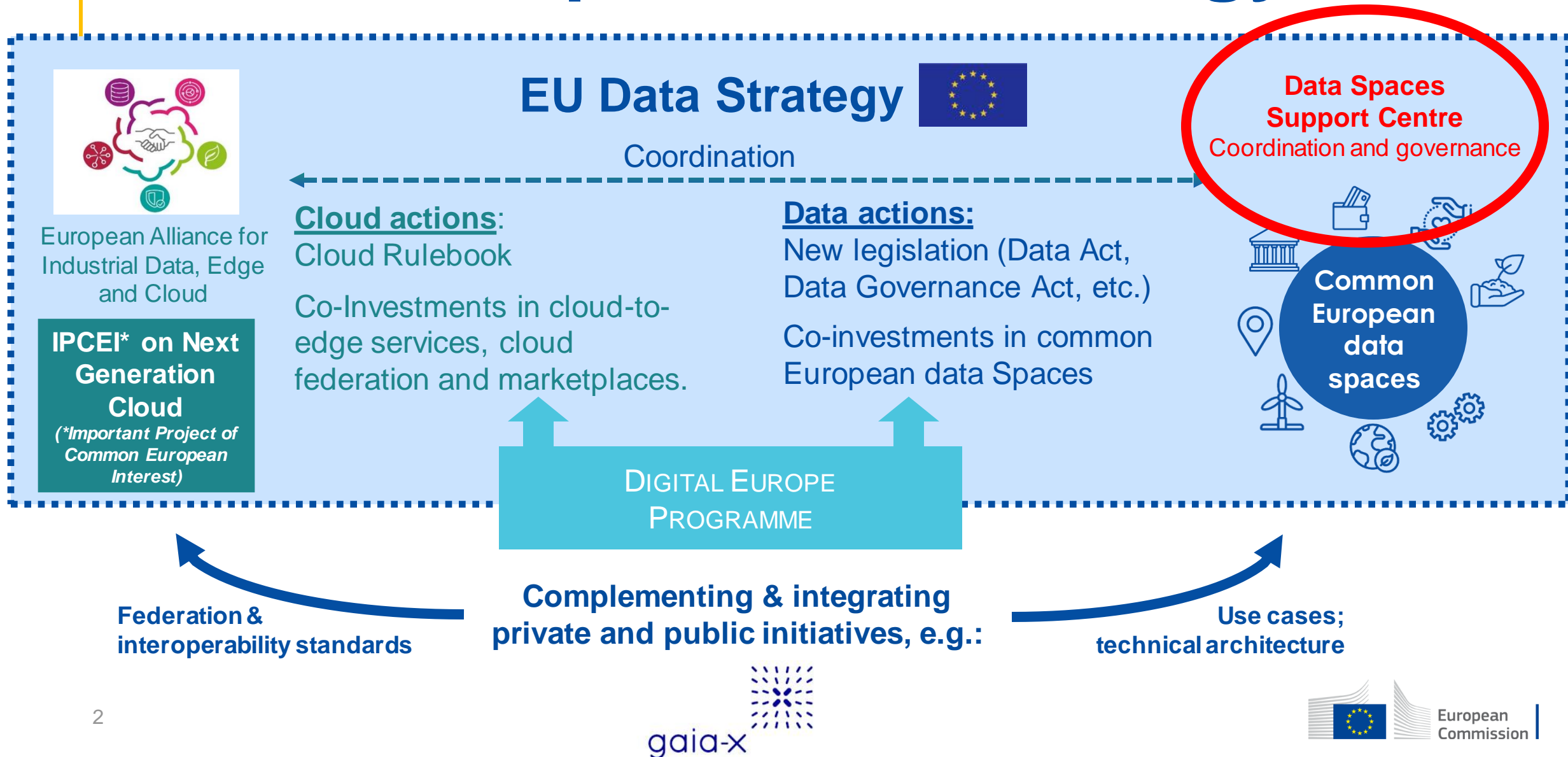
European Data Strategy Compliance technologies

SmashHit session 22/11/2022

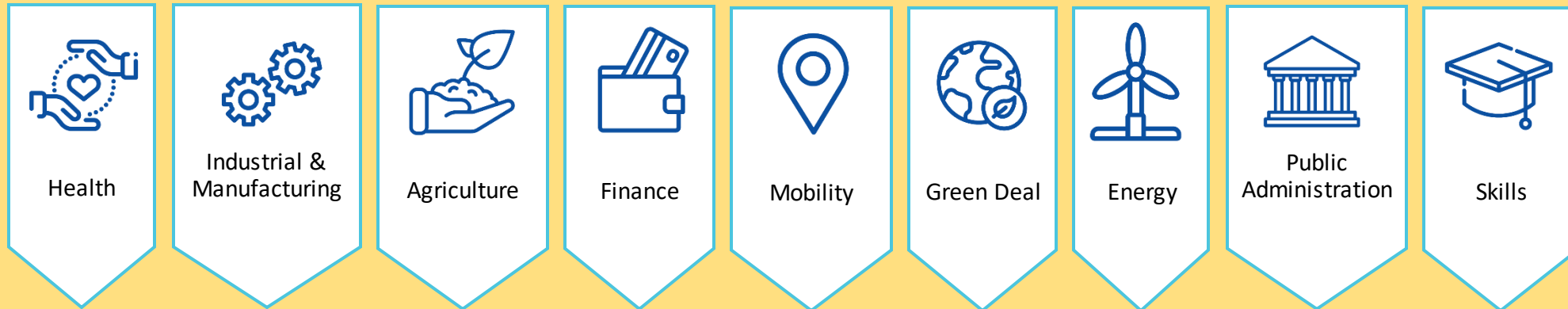
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The European Data strategy



Common European data spaces



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

Compliance technologies in EU funding programmes

General Data Protection Regulation (GDPR) and the increasing awareness on privacy was the first trigger for funding R&I in compliance technologies

1st wave of “privacy-preserving technologies” (PPT): H2020 ICT-18-2016: 4 pioneering projects, 12 M

2nd wave of privacy preserving technologies in connection with the **Data Platform projects** (H2020 ICT-13-2018-2019: 13 projects, 61 M, now ending).

3rd wave: from PPT to “compliance technologies” (with the emergence of the Data Governance Act, Data Act, Open Data Directive, Green Deal):

- HORIZON-CL4-2021-DATA-01-01: compliance, privacy preservation & green data operations (5 projects, 45 M, now running)
- HORIZON-CL4-2022-DATA-01-04: data exchange, monetization and trading (4 projects, 42 M, to start in January 2023)
- Next opportunity: HORIZON-CL4-2024-DATA-01-01: AI-driven data operations and compliance technologies (38 M)

Consent in GDPR

Consent is one of the 6 possible legal bases required to process personal data.

To be effective, consent must be

- Freely given (no conditions, threat of refusal of service)
- Specific (distinguishable from other matters)
- Informed (data subject knows processor and nature of processing)
- Unambiguous (not assumed, not based on “silence”, default ticks...)
- Possible to withdraw (revoke) any time

If the data subject’s consent is to be given following a request by electronic means, the request must be clear, concise and not unnecessarily disruptive to the use of the service for which it is provided (Recital 32).

Data protection in the EU

The General Data Protection Regulation (GDPR), the Data Protection Law Enforcement Directive and other rules concerning the protection of personal data.

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Fundamental rights

The [EU Charter of Fundamental Rights](#) stipulates that EU citizens have the right to protection of their personal data.

[Protection of personal data](#)

Legislation

The data protection package adopted in May 2016 aims at making Europe fit for the digital age. More than 90% of Europeans say they want the same data protection rights across the EU and

Where we stand now?

❑ High Value Datasets Regulation:

- Nov. 2022: submission for opinion to the Open Data Committee
- Expected adoption: Q1 2023
- The regulation shall apply in 2024

❑ Data Governance Act

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

❑ Data Act

- In co-decision with EP and Council
- Expected adoption: 2023

❑ Data Spaces

- Preparatory activities launched in Digital Europe Programme calls 1 and 2 / 2022
- Deployment actions mostly start in 2023

❑ Digital Europe Workprogramme

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

Important links

- ❑ [Funding & Tenders portal](#)
- ❑ [Horizon Europe Cluster 4 info day](#) 12-14 December 2022
- ❑ [EU-funded R&I projects on data](#)
<https://digital-strategy.ec.europa.eu/en/policies/eu-data-projects>