

EuroCloud

EU Public Sector Cloud Federation

eSKA Cloud workshop – 26/02/2026

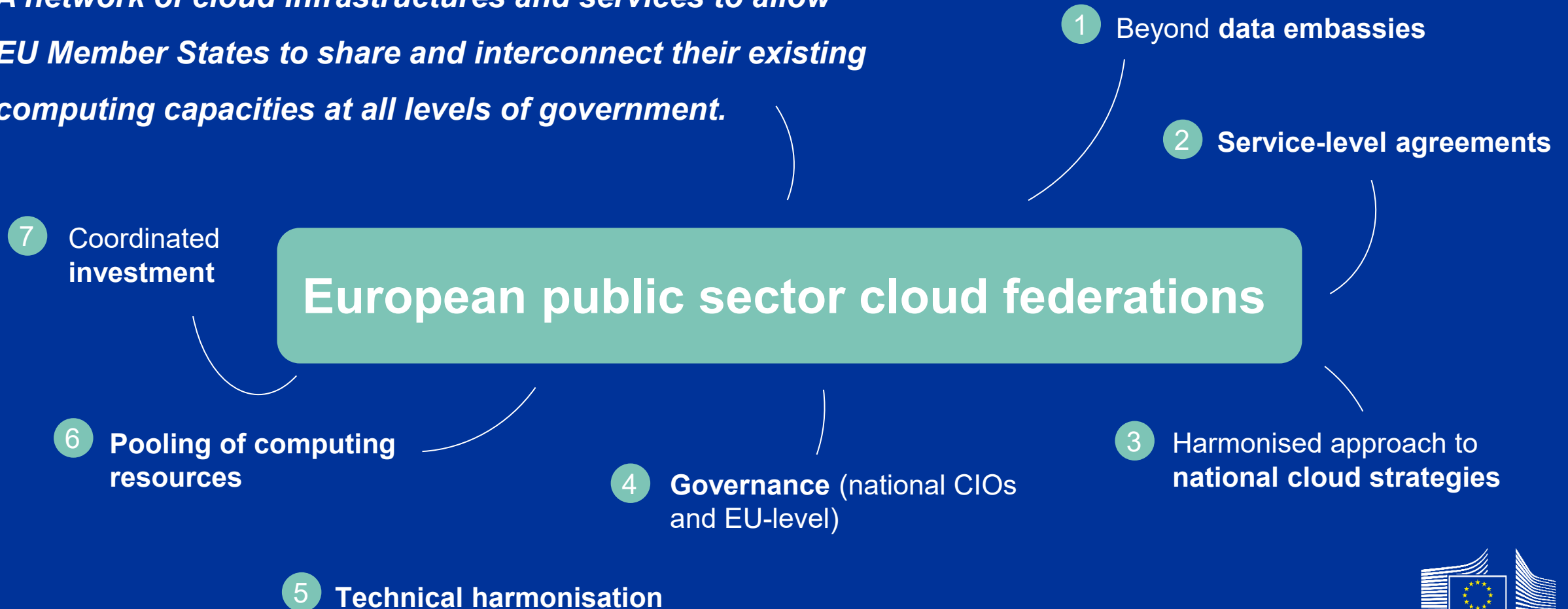
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Agenda

- Conceptualising *European public sector cloud federation (EuroCloud)*
- *Policy objectives*
- *Regulatory background*
- *Technical feasibility study under Simpl*
- *Legal challenges & next steps*

The concept

A network of cloud infrastructures and services to allow EU Member States to share and interconnect their existing computing capacities at all levels of government.



Policy objectives



Mitigating impact of digital disruption



Preventing over-reliance



Optimised spending



Responding to budgetary constraints



Reducing resource consumption from idle time

Regulatory background

Foundations:

- ✔ Portability (Data Act)
- ✔ Security (EU CS)
- ✔ Green (GPP, EED)
- ✔ Technical basis (Simpl)
- ✔ Monitoring (Digital Decade)

Sufficient?

Investment:

- RRF → contribution to national capacities, risk of **silos**
- CEF → limited to **physical interconnections**
- IPCEI → targets the **private sector**
- DEP → **service** layer
- HE → upstream investment in **research & innovation**

Gaps?

Drivers:

- **Political mandate** (Data Strategy, MS cloud declaration)
- **Budgetary constraints** resulting in cuts in digital public sector budgets
- Need for **closer cooperation** and **risk mitigation**
- **Readiness** demonstrated through deployment of data embassies
- Demand for **next generation hybrid multi-cloud**

Next steps?



Simpl - Technical feasibility study

8 MS actively engaged on three Simpl Proofs of Concept

To experiment and demonstrate the technical feasibility of the Simpl smart middleware

Containerised Environment



Active / Passive Disaster Recovery



Data Science Workbench for AI & ML



PoC Containerised environment

What

- Lightweight, isolated execution environments
- Includes everything required to operate:
 - Computing resources
 - Network access
 - Temporary storage
 - Basic runtime support



Why

Ideal for short-lived or single-purpose workloads where a full virtual machine would be oversized

Value

Member States expressed the highest interest and expected value in this use case scenario

Legal challenges & next steps

EuroCloud legal study:

(March 2026)

Mapping of current **public sector-owned cloud computing capacities across the EU27** as a defining factor for the framework's sustainability;

Comprehensive **problem statement including the identification of problem drivers** followed by an in-depth analysis of **possible remedies**;

Analysis of **different policy options** for the deployment of EuroCloud (pertaining notably to the underlying **legal prerequisites** and an appropriate **governance framework**), analyse the policy options' impact on relevant stakeholders as well as possible barriers to their implementation via a **Cost-Benefit Analysis**, and, based on the outcome of such an analysis, establish a possible need for the EU to act towards the deployment of EuroCloud and identify the preferred policy option to do so.

Cloud and AI Development Act:

(Q1/Q2 2026)

- Establishment of EuroCloud
- Public procurement exemptions
- Governance mechanism



Note: The information included in this presentation does not represent the official position of the European Commission.

Thank you



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