



**DATA SPACES  
SUPPORT CENTRE**

# **DSSC Insight Series**

## **The DSSC Meets Simpl**

**28 June 2024 | 14:00 CEST | online**



**Manuel Mateo Goyet**  
European Commission



**Gianfranco Cecconi**  
DSSC

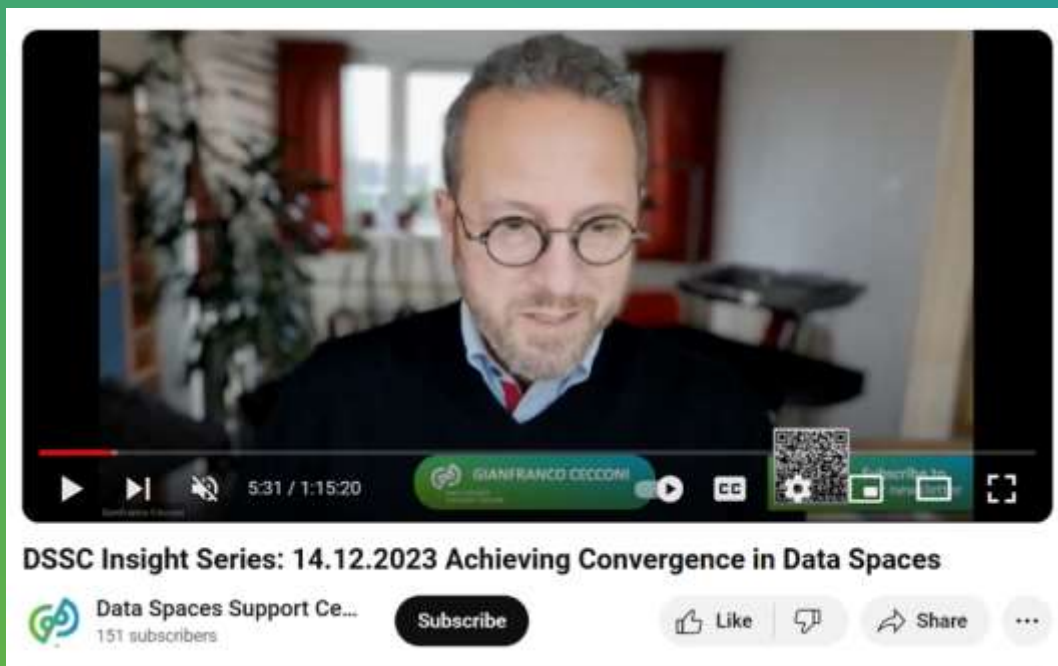


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The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.

# Today's Agenda

- **Introduction** - Gianfranco Cecconi, Executive Director, Data Spaces Support Centre
- **Updates on Simpl** - Manuel Mateo Goyet, Acting Head of Unit, European Commission
- **Updates since Darmstadt, current synergies and the road ahead** -Gianfranco Cecconi, Manuel Mateo Goyet
- **Q&A (You can also ask questions in the chat!)**



**This webinar is recorded. Did you know? Previous DSSC insight series recordings are available on our Youtube channel. Videos from our annual event are also available!**

**Subscribe to our YouTube channel here**



**Stay up to date with Data Spaces Support Centre and the European Union's programme for common European data spaces.**

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**YOU... COMPLETE ME**

# Data Spaces Support Centre's activities and offerings



## What DSSC does

We engage and create a community of EU-funded data space initiatives and other EU stakeholders...

... but not only: we look outside and learn from other initiatives, like in the private sector.

The learning we acquired from the community, existing practices and standards are researched, structured and distilled into meaningful inputs for the following stages.

"Expert Groups", and our own experts, facilitated by the team, combine our learning and co-create assets for the guidance of the Common European Data Spaces and more

We disseminate our assets so that the Common European Data Spaces – and everyone, really! – is informed of their availability and evolution.

We enable European data space to move from learning to doing, and support them in the process.



### Community building

### Distillation

### Synthesis

### Dissemination

### Guidance and support

## What DSSC offers

- "Relationship management" and facilitation of a **Community of Practice** for the Common European Data Spaces
- Facilitation of a **Network of Stakeholders**

- **Review of pre-existing specifications and standards**

- The **Glossary** and **Conceptual Model**
- The **Starter Kit**
- The **Blueprint** as a specification of re-usable building blocks and components

- **Communications:** the website, social media...
- **Engagement of the public:** webinars, the annual Symposium, participation to other relevant initiatives' events...
- **Engagement of Standard Development Organisations**

- The **Co-Creation Method**
- The **Radar**
- The **Toolbox**
- Our **support**
- **Maturity modelling, impact monitoring and evaluation**



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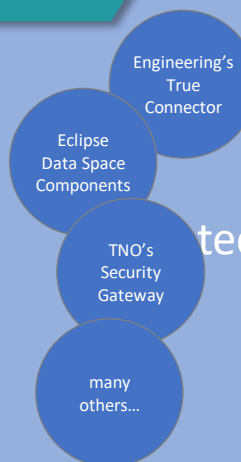
# You... complete me



Implementations of business and organisational building blocks and components

Implementations of technical building blocks and components

Simpl



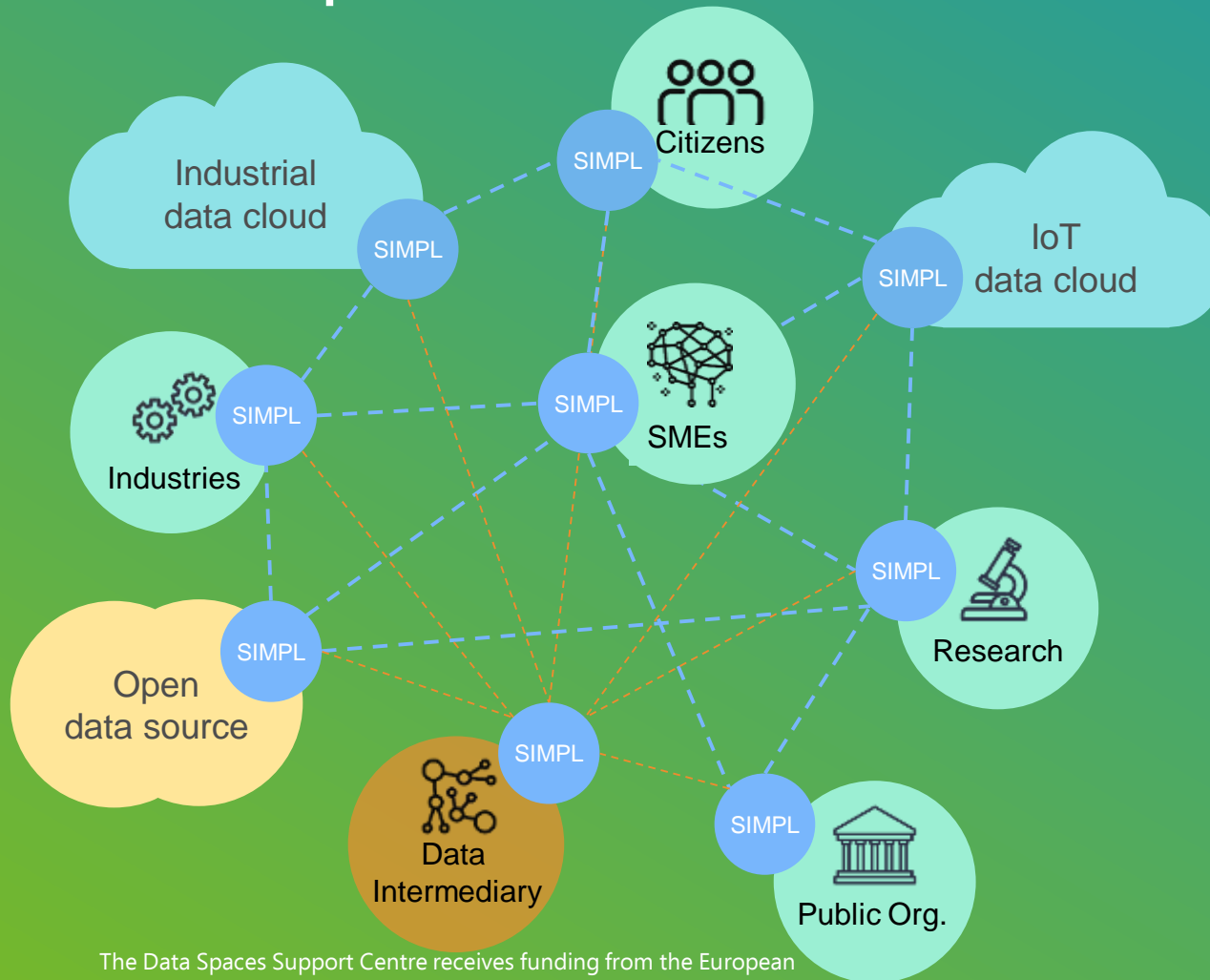


# Simpl

**Manuel Mateo Goyet – Acting Head of Unit – Cloud and Software unit - EC DG  
Connect**

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# Simpl is the common software behind common data spaces

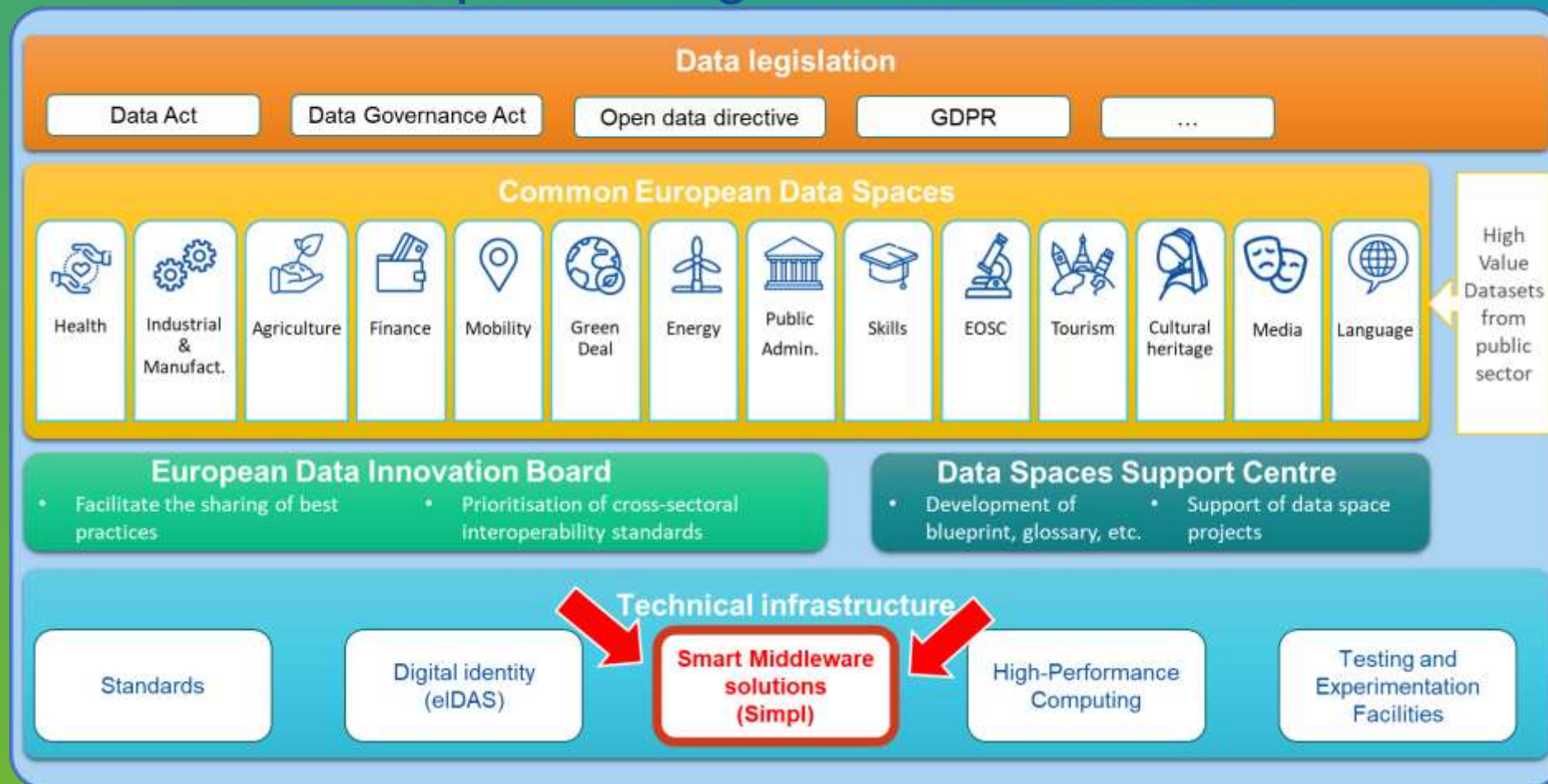


Common European Data Spaces are **a federated data ecosystem based on shared policies and rules**. The participants of data spaces are enabled to access data in a secure, transparent, trusted, easy and unified fashion.

**Data holders remain in control** of who can access and use their data, for which purpose and under which conditions.

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# European Single Market for Data



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# Simpl

**open-source** means built-in trust & security, flexibility to deploy, simplicity to customise

**middleware** are software suites that enable applications and databases to work seamlessly together and provide a flawless user experience



Simpl is the **open-source** smart **middleware** platform that enables **cloud-to-edge federations** and **all major data initiatives** funded by the European Commission

**cloud-to-edge federations** put together resources across cloud and edge computing environments as a cohesive system, creating a seamless integrated infrastructure that combines the strength of both cloud and edge computing.

**all major data initiatives**, in particular the development of **Common European Data Spaces** modular and interoperable way.

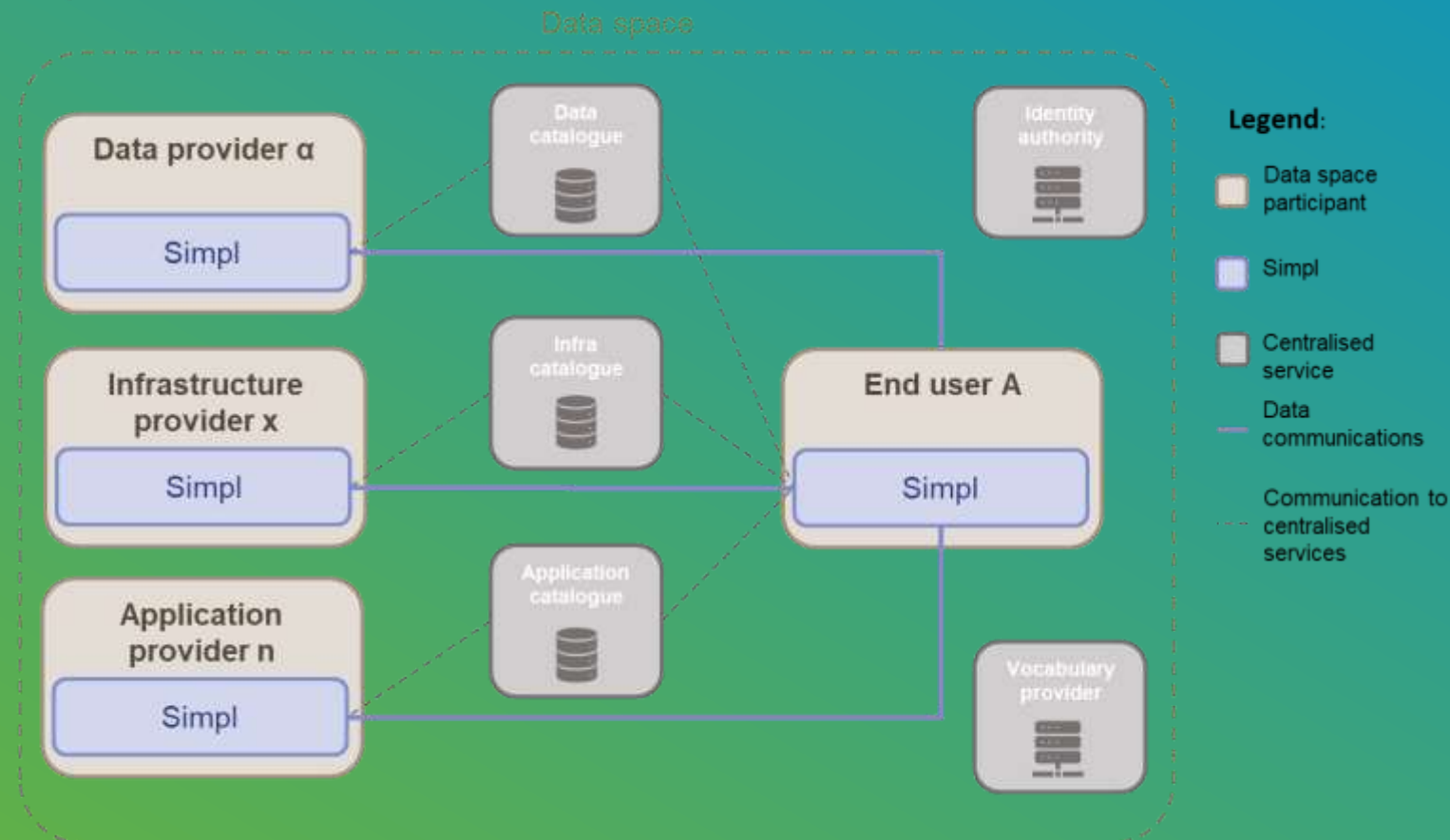
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# Simpl is deployed throughout data spaces

With centralised and decentralised components

- Centralised services = services that provide capabilities through centralised system components.
- Data, Infrastructure and application catalogues* provide the cataloging service for end users to discover shared services in the data space
- Vocabulary providers* provide the definition of metadata representation, vocabularies, and ontologies
- Identity authorities* manage the identities of the data space participants and provides proofs that other participants can use for authentication and authorization



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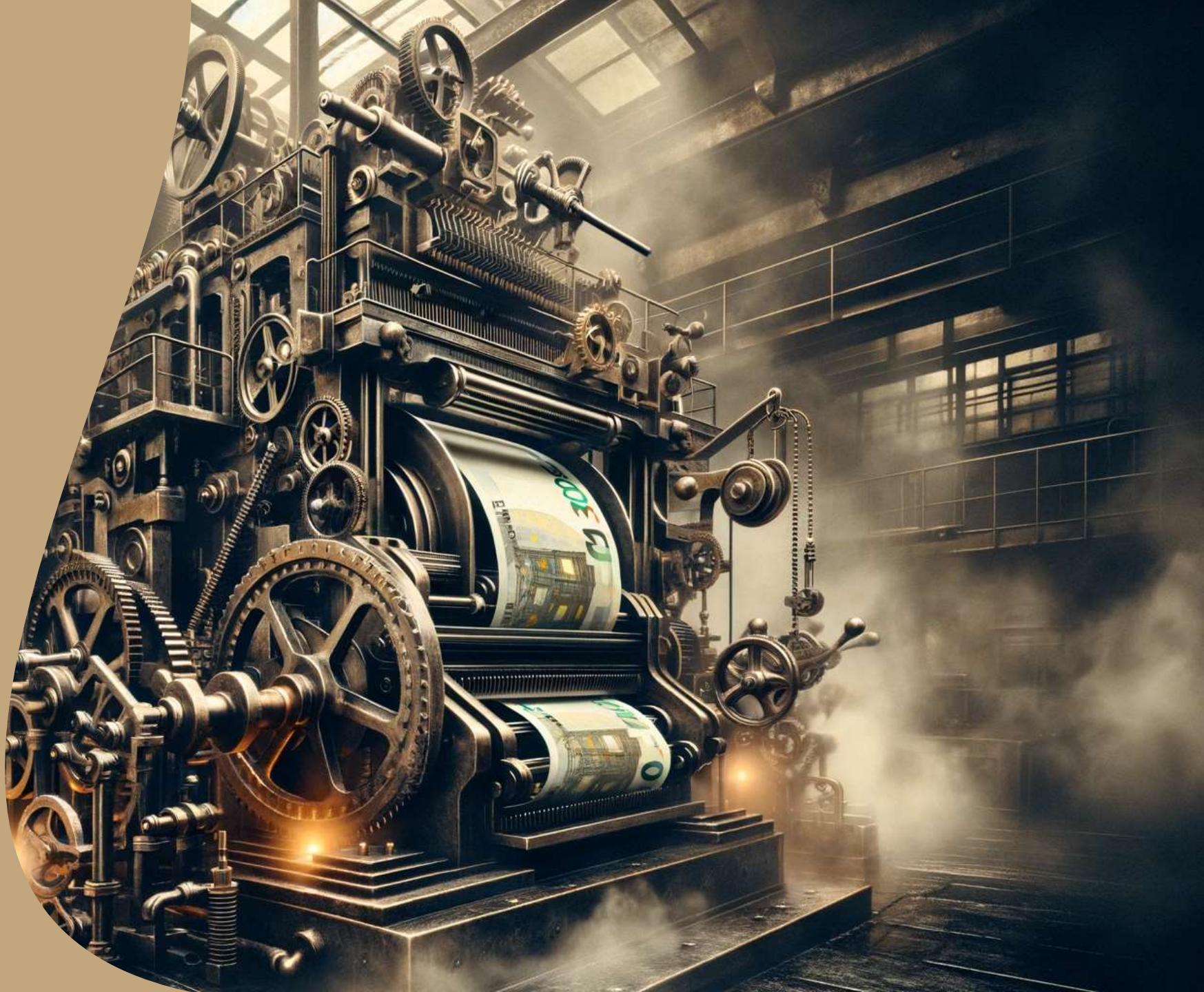
## Simpl's value proposal

No wheel re-invention

Interoperability

Save money

Save time





# Simpl is made of three products



*Contract awarded to*

EVIDEN



IONOS



*And*

indra

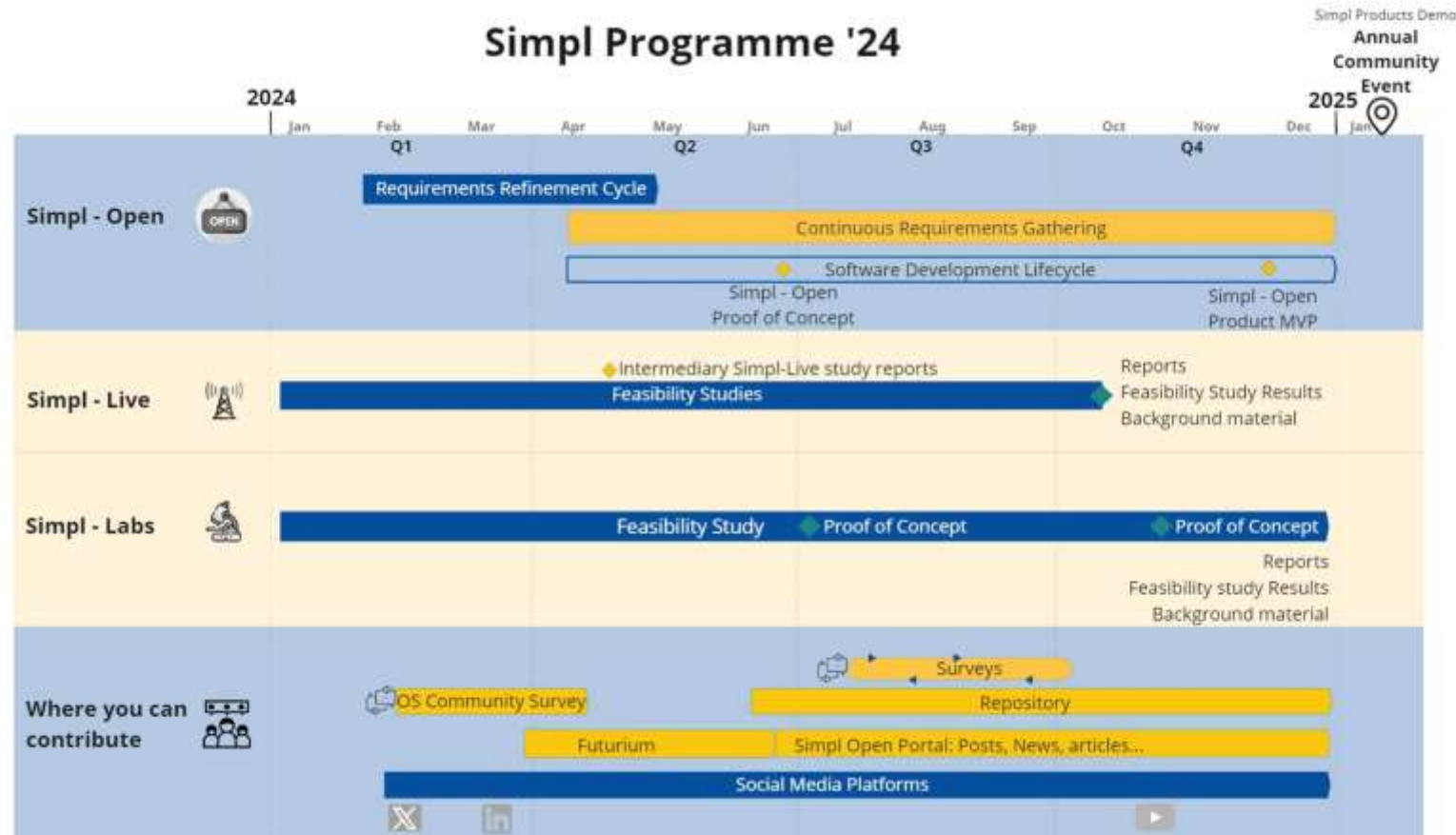


*What are  
we working  
on today?*



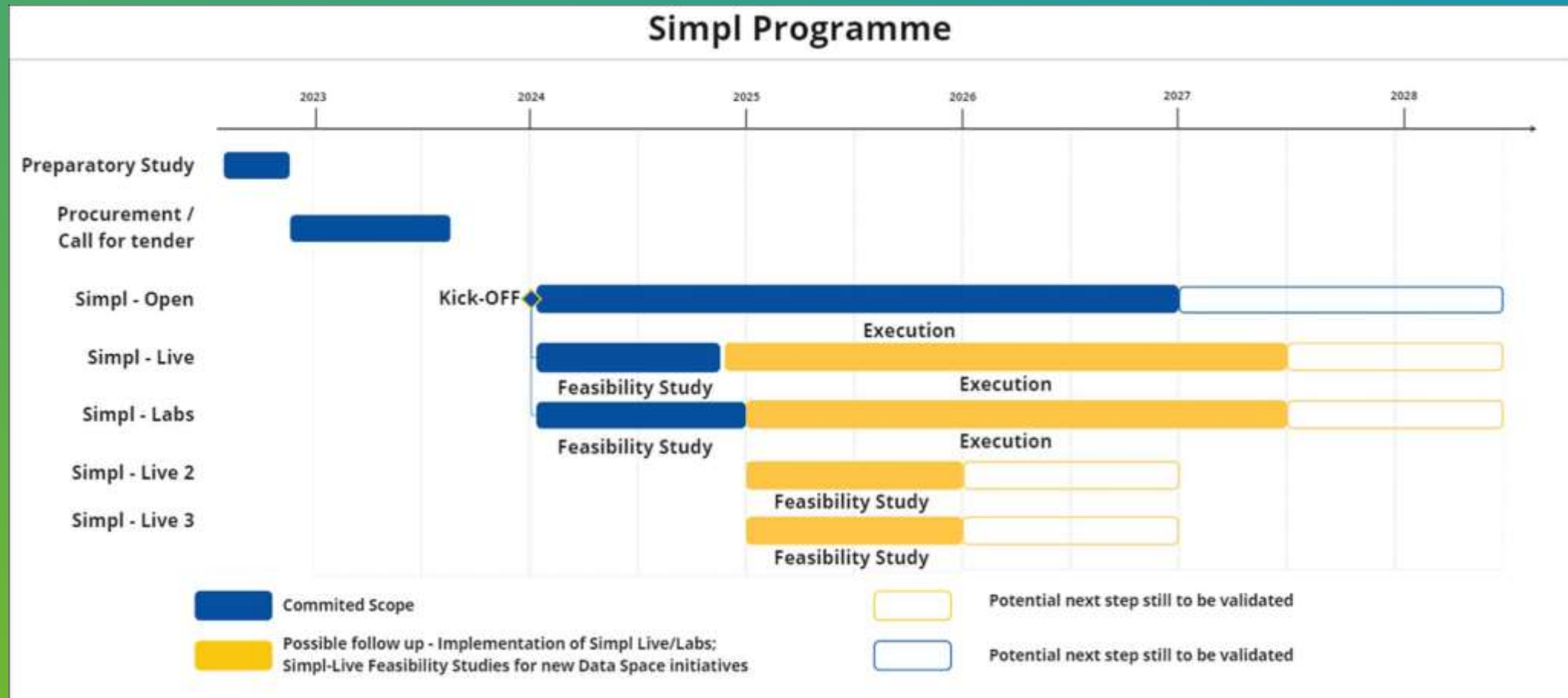


# 2024 timeline



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# The programme 2024 onwards



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# Save the date: 30 January 2025, Brussels



- First yearly event
- Live demo of the Minimum Viable Product for Simpl-Open
- Live demo of the Proof of Concept for Simpl-Labs
- Roadmaps for the 6x Simpl-Live deployments
- Fun!
- Registration to come

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# Engage with Simpl



*Read more about Simpl and follow us on social media!*



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# Simpl

## Continuous requirements gathering

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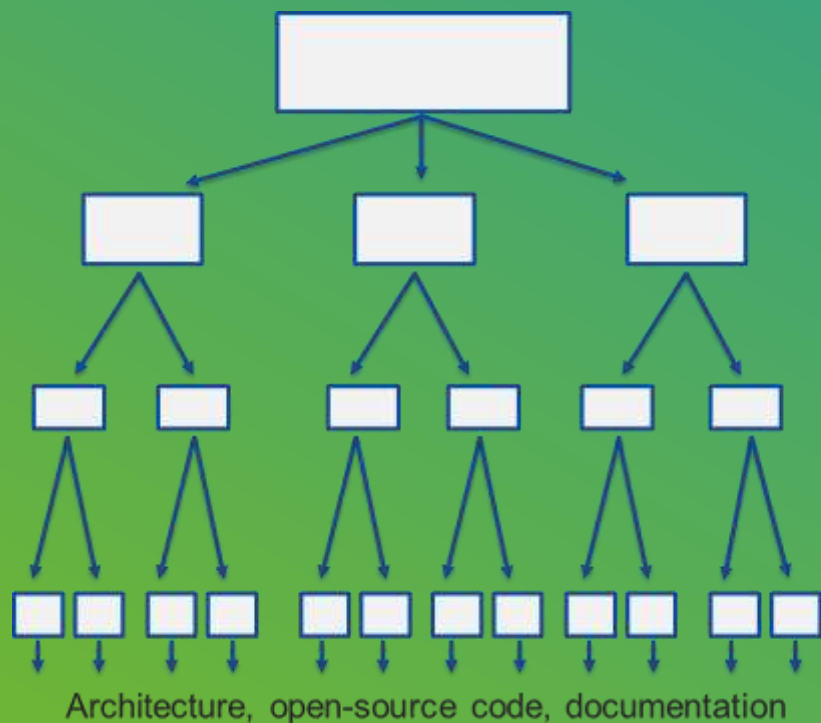
# Supported Business Processes



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# Agile Requirements Elicitation

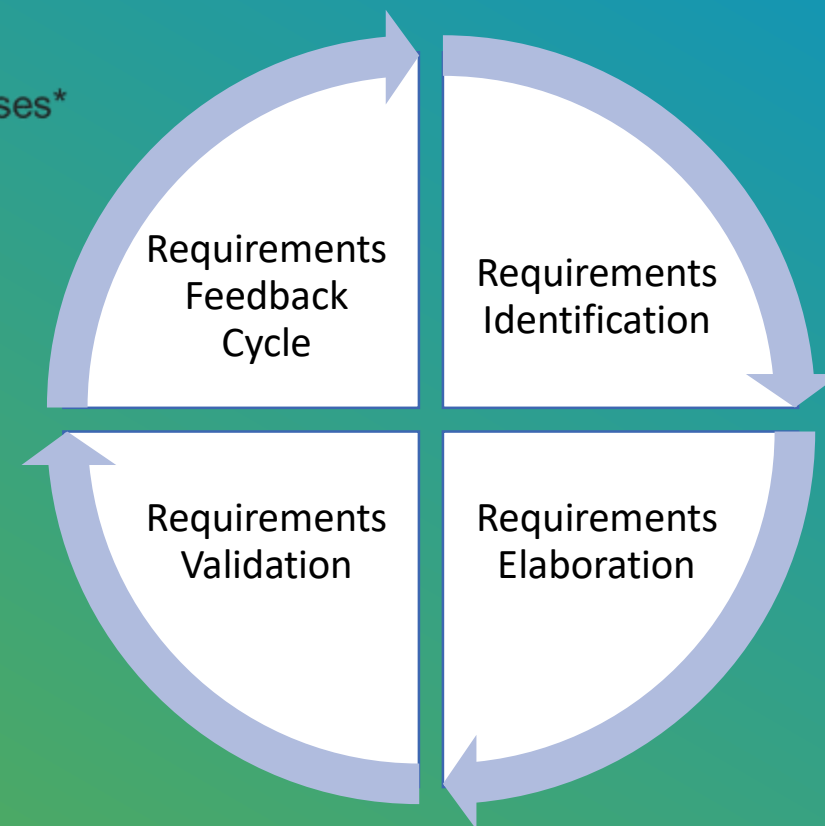


**L0** Business processes / Use cases\*

**L1** High-level requirements

**L2** Detailed requirements

**L3** User stories



# State-of-play

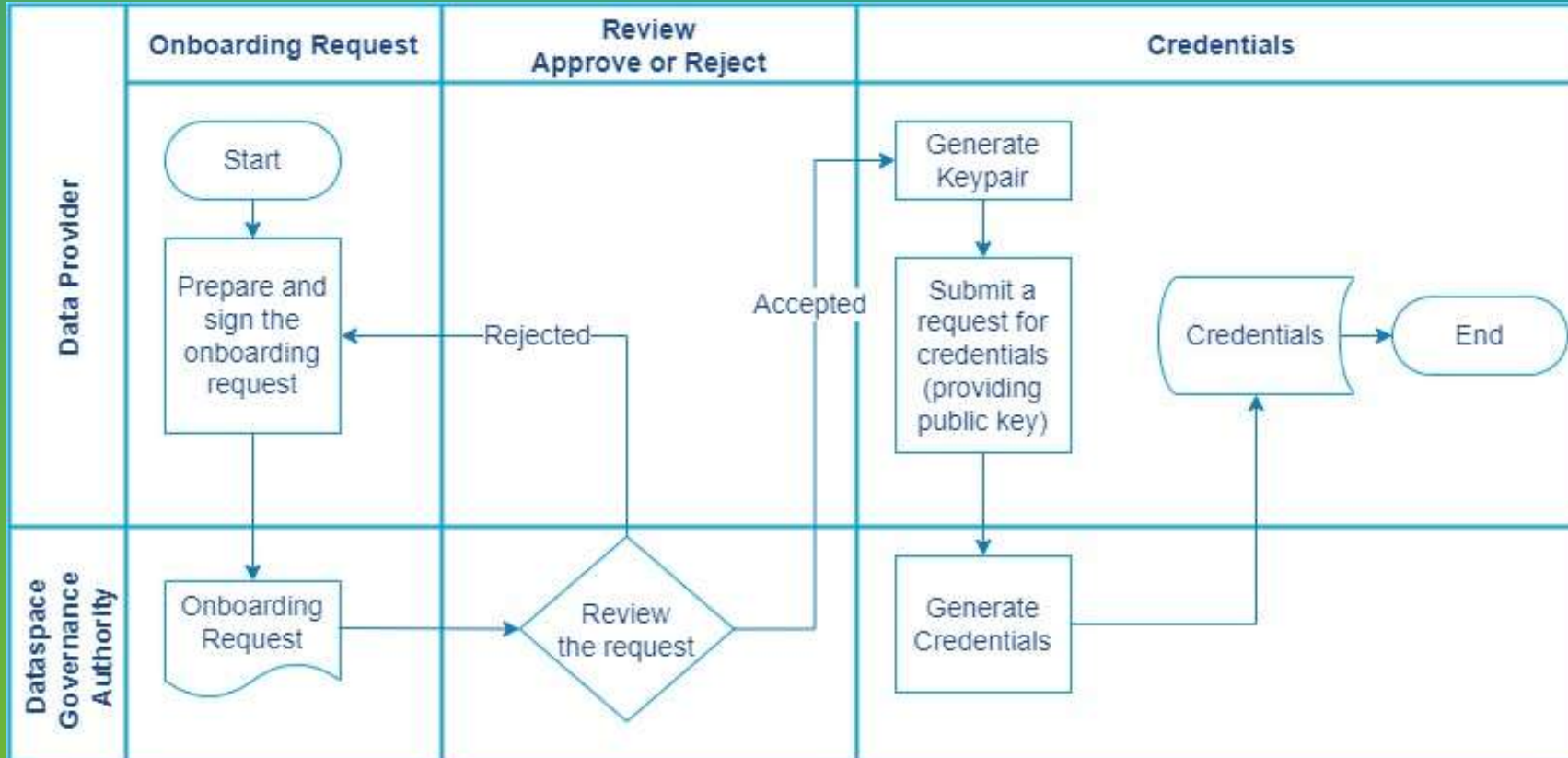
- **Proof of Concept (PoC)**
  - Done!
  - 2 sprints behind us (May and June)
  - Onboarding of a (data, applications, or infrastructure) provider
  - Publishing on the resource catalogue (of data, applications, or infrastructure)
- **Minimum Viable Product (MVP)**
  - Scope stabilised!

# Onboarding of a Provider - summary

- Before a provider of data, applications, or infrastructure can participate in a dataspace, they must be formally onboarded
- The Dataspace Governance Authority will have set the rules that the providers must fulfil to be onboarded
  - E.g. which documents to provide, security to set up



# Onboarding of a Provider – main steps

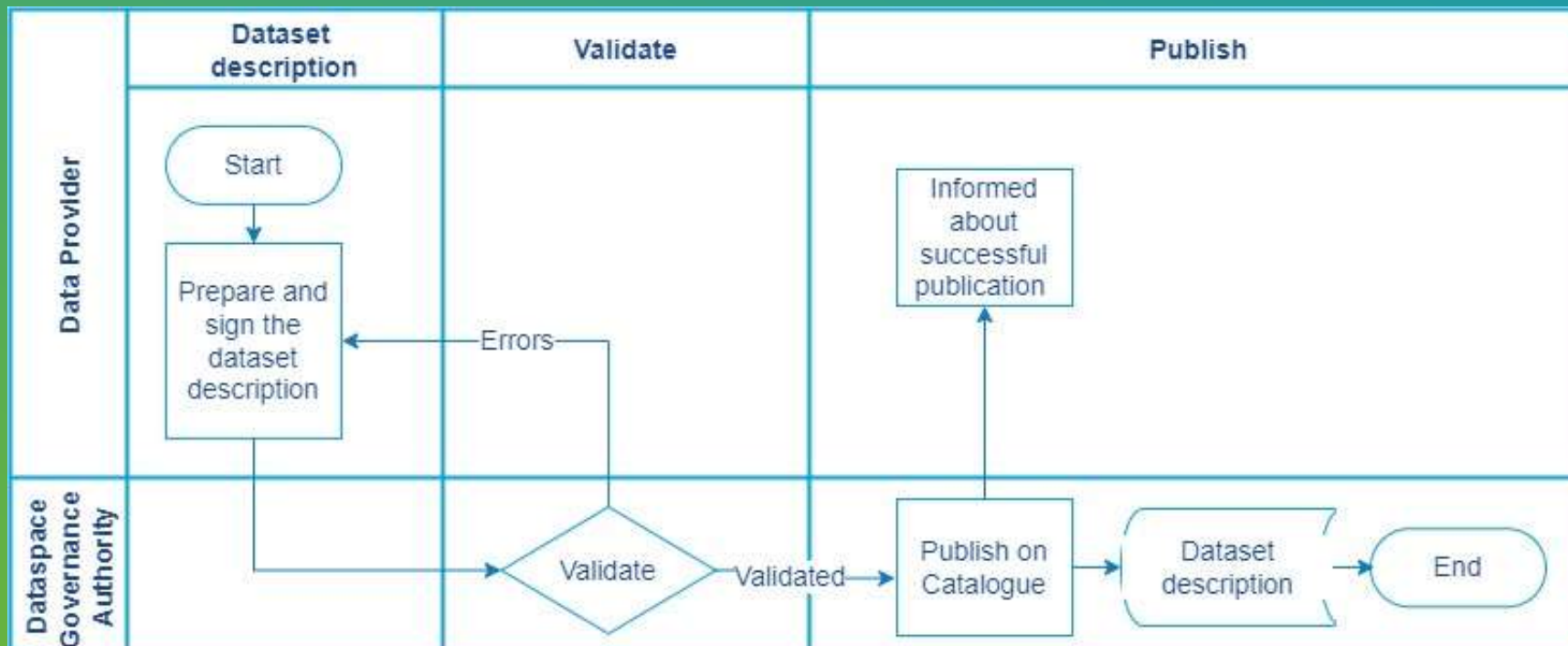


# Publishing on the Catalogue - summary

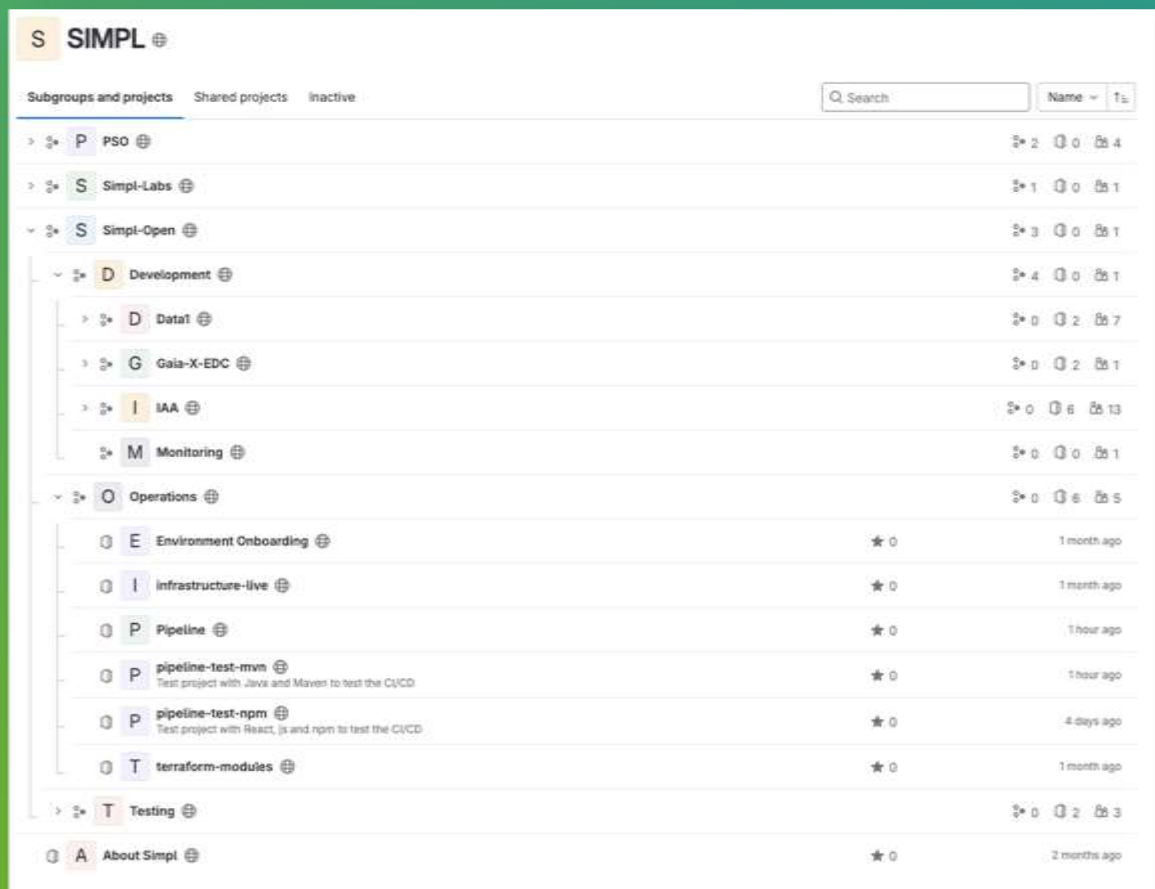


- Providers can publish resources on the dataspace catalogue
- Resources can be:
  - Datasets
  - Applications
  - Infrastructure
- Resources published on the catalogue are discoverable by consumers

# Publishing on the Catalogue – main steps



# Simpl is Open Source



<https://code.europa.eu/simpl>

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# Q&A

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