It'Simpl! Community Preview *Webinar*

European Commission

Open

COMMUNITY PREVIEW WEBINAR

Monetisation & DOME Marketplace Integration





Agenda

1. **Welcome & Introduction** — 5 mins
   14.00-14.05
2. **What is Simpl: A Quick Overview** — 10 mins
   14.05-14.15
3. **Monetisation: Building Sustainable Data Spaces** — 20 mins
   14.15-14.35
4. **DOME Marketplace Integration: Enhancing Service Discovery** — 20 mins
   14.35-14.55
5. **Get Involved: How to contribute?** — 5 mins
   14.55-15.00

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What is Simpl?

What is Simpl?

Simpl Essentials

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

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

Simpl is the open-source smart middleware 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** in a modular and interoperable way

C2 - Restricted use

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Simpl is made of three products

Simpl Essentials

The open-source smart middleware itself

Simpl-Open



Playground environment for Simpl-Open
+
Interoperability test for existing data spaces

Simpl-Labs

Instances of Simpl-Open for common European data spaces

Simpl-Live

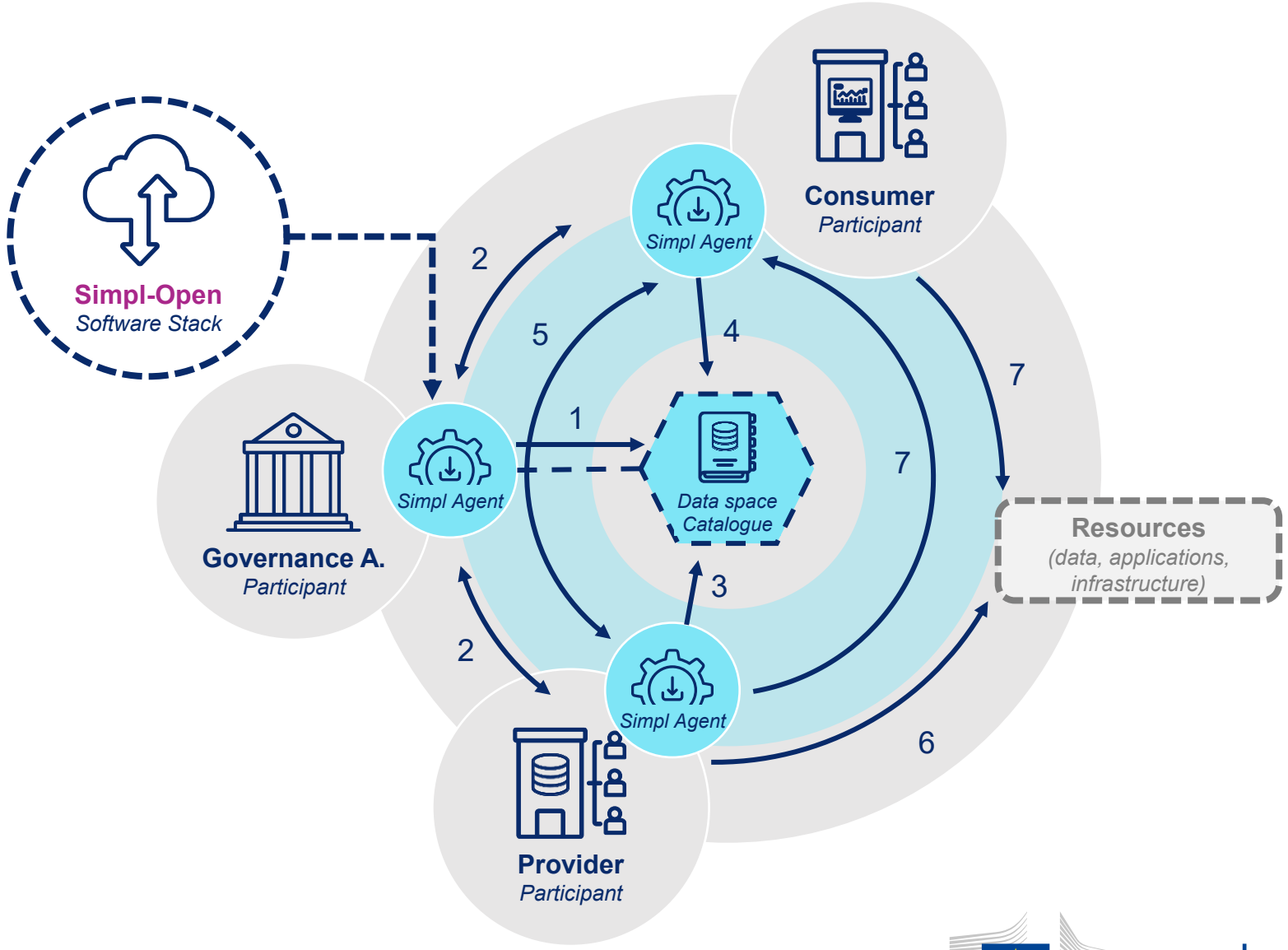
C2 - Restricted use

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A bird-eye view on Simpl-Open functionalities

What you can do with Simpl-Open

1. Configure the catalogue with customisable schema and vocabulary.
2. Onboard participants in the data space.
3. Publish resource descriptions (data, applications and infrastructure) to the catalogue.
4. Discover resource descriptions with their details from the catalogue.
5. Establish a contract to consume the resource.
6. Transfer or provision the resource as defined in the resource description (data, applications and infrastructure).
7. Receive the access information and consume the resource.



C2 - Restricted use

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Simpl-Open Extensions

Simpl-Open is evolving with three complementary extensions

Today´s focus



AI/ML & EFP connection

Enhance Simpl-Open by **leveraging** AI/ML capabilities and potential **access** to European HPC resources through EFP



DOME Marketplace integration

Simpl-powered data spaces **can increase service visibility beyond their own ecosystem**



Sustainability & Monetisation

Ensure the **economic sustainability of data spaces** and their governance authorities

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Monetisation: Building Sustainable Data Spaces

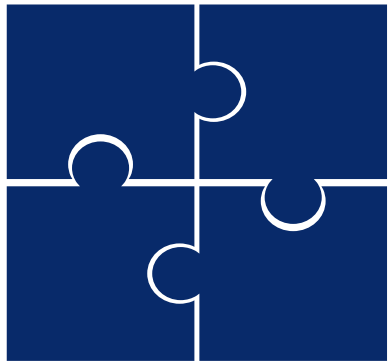
How Simpl-Open supports sustainable data space operations

Sustainable monetisation gives data spaces the financial foundations to operate over time, scale participation consistently and maintain control over how financial rules are applied.

WHAT SIMPL-OPEN ENABLES

Flexible monetisation
Configure participation fees, subscriptions, transaction fees and tiered models

Terms Acknowledgement
Integrate acceptance of monetisation conditions into the participant lifecycle.



Governance enforcement
Apply Governance Authority-defined financial rules consistently across participants.

Billing enablement
Connect payable events to the Governance Authority's external billing system.

Simpl-Open operationalises Governance Authority monetisation models. Invoice generation and financial settlement remain outside Simpl-Open.

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From monetisation capabilities to requirements

To translate these capabilities into concrete Simpl-Open functionality, the proposed Business Processes and High-Level Requirements (L1) can be understood across three interconnected areas of the Governance Authority monetisation lifecycle.

Model configuration

Set the financial conditions and rules for participation.

BP02E - Governance Authority monetisation model configuration

Participant lifecycle

Establish monetisation conditions during onboarding and adapt them during participation.

BP03A - Onboarding of a new data space Participant

SA11 - Participant's configuration of the monetisation model

Billing & enforcement

Detect payable events, initiate billing and apply dunning rules when financial obligations are not met.

BP14 - Governance Authority bills data space Participant

BP14A – Payable Event detection and billing initiation

BP14B - Dunning rules enforcement

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Model configuration



Governance Authority monetisation model configuration

BP02E

The Model Configuration phase is covered by BP02E, which defines how the Governance Authority creates, versions and deprecates monetisation model configurations in Simpl-Open.

BP02E covers three model configuration scenarios:

01 Creation

Create and activate a new model configuration:

- Select and configure a monetisation model type
- Configure model parameters and Dunning policy
- Validate and activate the configuration
- Apply it to Participants following their acceptance

02 New Version

Create a new version of an existing model

- Update model parameters and/or Dunning policy
- Validate and activate the new version
- Existing Participants remain on the previous version until they accept the new one.

03 Direct deprecation

Deprecate a model without replacement

- Deprecate the model configuration without creating a replacement version
- Inform affected Participants
- Prevent further application of the deprecated model

Participant lifecycle

Onboarding of a new data space Participant

BP03A

Participant's configuration of the monetisation model is modified

SA11

The Participant Lifecycle phase is covered by BP03A and SA11. BP03A covers agreement to the applicable monetisation model during onboarding and triggers the monetisation lifecycle, while SA11 covers subsequent changes to the Participant's monetisation configuration.

01 Joining the data space

1. **Agree to the applicable monetisation model** *Including its terms and conditions, Dunning policy and billing-data handling.*
2. **Select applicable monetisation options** *Such as periodicity or tier, where applicable.*
3. **Trigger the monetisation lifecycle** *Once the onboarding request is approved.*

BP03A

02 During participation

1. **View the current monetisation configuration**
2. **Request or initiate a modification** *Tier changes can be initiated by the Participant or Governance Authority; periodicity changes can be requested by the Participant.*
3. **Validate and apply the modification** *The Governance Authority validates the request, notifies the Participant and applies the approved change.*

SA11

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Billing & enforcement

The Governance Authority bills data space Participant

BP14

Payable Event detection and billing initiation

BP14A

Dunning rules enforcement

BP14B

BP14 operationalises the agreed monetisation model across the billing lifecycle, with BP14A linking Payable Events to the Governance Authority's external billing process and BP14B supporting the monitoring and enforcement of financial obligations through Dunning.

Billing initiation

1. **Detect Payable Events:** *Based on the monetisation model configuration and billing triggers applicable to each Participant.*
2. **Prepare and store billing data:** *Compile the relevant Participant, monetisation model and Payable Event information.*
3. **Make billing data available to the Governance Authority billing system** *Invoice generation is handled outside Simpl-Open.*

BP14A

Dunning enforcement

1. **Monitor and retrieve credit status:** *Obtain the relevant financial status for each Participant.*
2. **Provide Participant visibility:** *Allow Participants to view their current credit and Dunning status.*
3. **Manage Dunning enforcement and resolution:** *Apply the configured Dunning rules and manage the resulting enforcement state and its resolution.*

BP14B

Q&A

DOME
Distributed Open Marketplace for Europe

DOME Marketplace

Bringing European Trusted Digital Services to Market

DOME has received funding from the European Union's Horizon Europe Research and Innovation programme under the Grant Agreement **No 101084071**.

THE COMMERCIAL GAP

European investment in cloud and edge has built technical foundations for interoperability, federation, resource sharing and workload portability.
Yet these foundations did not automatically translate into **service visibility, shared market access or a clear route to procurement**.

THE BEGINNING OF THE DOME PROJECT

Launched in 2023 as an EU-backed project, the DOME project set out to create a **secure, standards-based marketplace** for European cloud and edge services, serving public and private organisations.

DOME MARKETPLACE TODAY

A **commercial access layer** providing a shared entry point for demand, connecting European ecosystems, providers and customers through a common framework for service discovery and procurement.

Europe’s cloud market **continues to grow**
European providers’ market share **remains limited**

EU Market Challenges DOME is here to address

Limited Cross-Border Visibility

Providers struggle to reach customers beyond their domestic markets.

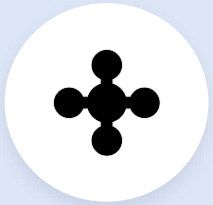
Go-To-Market Complexity

Comparing offers, obtaining quotations and purchasing services takes time and effort.

Lack of compliance transparency

Customers struggle to assess service claims and evidence of compliance with EU regulations.

More than just a marketplace
A trusted European access point



Commercial Federation

Connecting independent ecosystems through shared catalogues and commercial agreements.



Trust

Compliance profiles and supporting evidence help customers assess service claims



Cross-market visibility

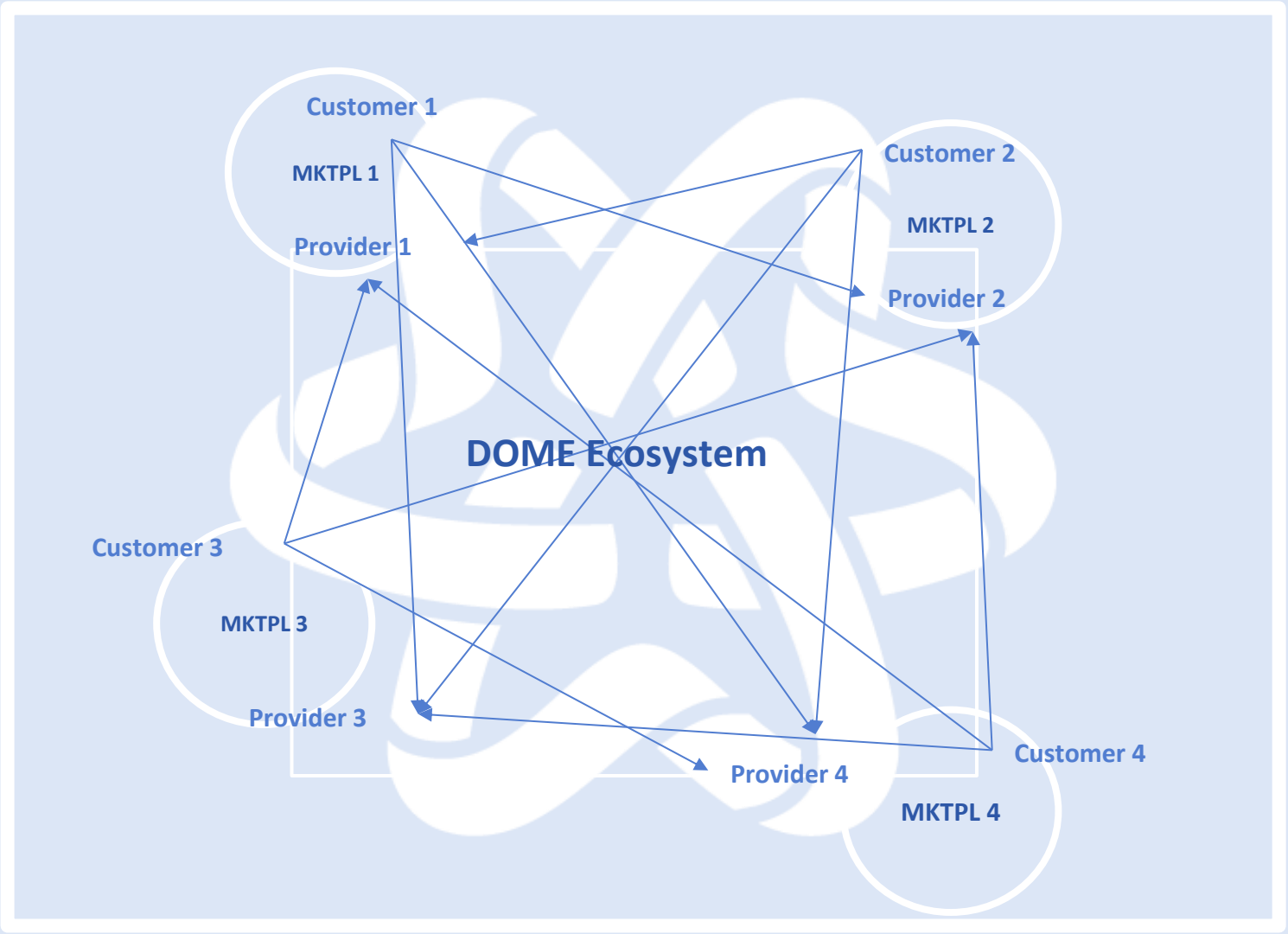
Making services discoverable beyond their home markets.



Procurement support

Helping customers discover and procure services based on their requirements.

Business growth through Commercial Federation



Wider customer reach
Providers reach customers across connected marketplaces without repeating onboarding.

Broader service choice
Customers discover additional services through the marketplace they already use.

Marketplace independence
Connected marketplaces retain their own governance and commercial relationships.

Eight capabilities supporting the commercial journey

From trusted access and offer design to procurement, analytics and progressive integration.

01 Decentralised identity

eIDAS 2.0 aligned identity supports secure user identification without a central account database.

02 Compliance assessment

DOME assesses offers against defined criteria and displays the resulting compliance level in the catalogue.

03 Standard and tailored offers

Providers can publish standard offers with public prices or respond with a tailored quotation.

04 Flexible pricing

Prepaid, postpaid, pay per use, volume discounts and optional components support different commercial models.

05 Private offers

Providers can create offers visible only to selected users or defined customer groups.

06 Tender management

Customers can define their needs and invite one or more registered providers to submit an offer.

07 Marketplace analytics

Providers can track catalogue visits and activity related to transactions managed through DOME.

08 Progressive integration

Providers can list first, then integrate order management, delivery automation and ERP systems over time.

….. and more

DOME Marketplace Integration: Enhancing Service Discovery

Extending discovery beyond data space boundaries

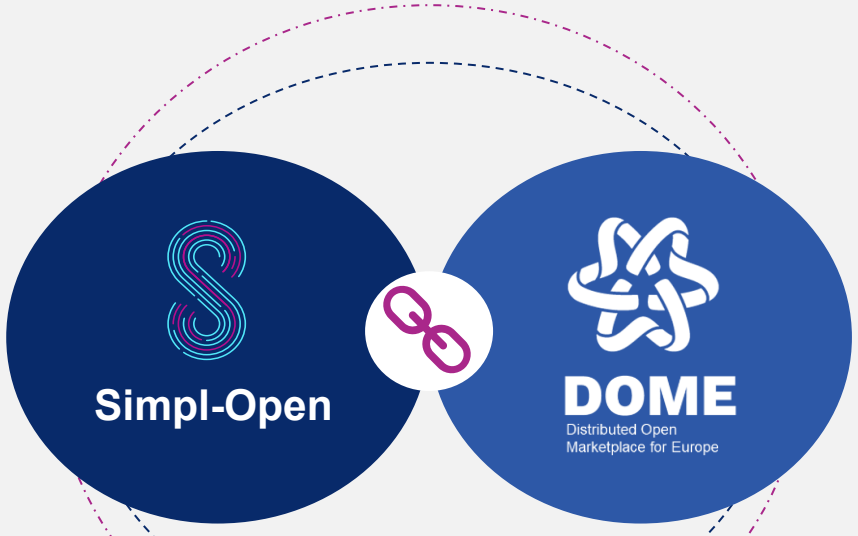
The Simpl-Open - DOME integration extends the reach of data spaces by connecting Simpl-Open catalogue capabilities with the DOME Marketplace.

Broader visibility

Extend the visibility and discoverability of selected Simpl-Open AI services beyond their original data space.

Extended discovery

Enable Simpl-Open participants to discover DOME offerings through their existing catalogue search experience.



European reach

Support increased adoption and European impact through greater discoverability.

Wider service reuse

Support the discovery and reuse of relevant services across ecosystems, helping reduce duplication and accelerate innovation.

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DOME Requirements

To translate these capabilities into concrete Simpl-Open functionality, the proposed Business Processes and High-Level Requirements (L1) can be grouped into three areas:



DOME integration setup

Configure the publication and discovery connections with the DOME Marketplace.

BP02F - The Governance Authority onboards the data space into the DOME Marketplace

BP02G - The Governance Authority allows DOME marketplace discovery from its data space



Catalogue search

Discover DOME offerings alongside other catalogue resources through Simpl-Open search.

BP06 – Searching resources



AI service publication

Publish eligible data space AI services in DOME, keep the resulting offerings aligned and retire them when needed.

SA12 - Governance Authority publishes the data space AI services in the DOME Marketplace

DOME integration setup

The Governance Authority allows DOME marketplace discovery from its data space

BP02G

The Governance Authority onboards the data space into the DOME Marketplace

BP02F

BP02F establishes the prerequisites for publishing AI services to DOME through data-space onboarding and publication connection configuration. The actual publication and lifecycle management of eligible AI-service offerings are covered by SA12, while BP02G configures DOME Marketplace discovery through Simpl-Open search.

01 Discovery setup

1. Configure DOME Marketplace catalogue discovery
2. Update the discovery configuration when needed
3. Remove DOME discovery when the integration is no longer required

- *DOME remains the authoritative source for its offerings; they are not replicated into Simpl-Open.*

BP02G

02 Publication setup

1. Request and manage data space onboarding
2. Configure the connection used for publication
3. Load the predefined DOME schema for metadata mapping
4. Update or deactivate the onboarding profile when needed

BP02F

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Catalogue research

Searching resources

BP06

BP06 extends Simpl-Open search to DOME: the Consumer can select the DOME Marketplace as a search scope, while the Governance Authority forwards the query and combines the returned DOME offerings with the other search results.

Select DOME as search scope

The Consumer selects the DOME Marketplace catalogue as part of the search.

Forward the query to DOME

The Governance Authority forwards the Consumer's query to the DOME Marketplace catalogue.

Aggregate search results

The Governance Authority combines DOME Marketplace offerings with the other search results.

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AI service publication

The Governance Authority publishes the data space AI services in the DOME Marketplace

SA12

SA12 enables the Governance Authority to publish data space AI services flagged for DOME publication, keep the resulting DOME offerings aligned with new service versions, and retire offerings that are no longer eligible or discoverable.

Publish AI services

Submit eligible AI services flagged for DOME publication. DOME validates each request before publication.

Keep DOME offerings aligned

Keep DOME offerings aligned with new versions of the corresponding AI services.

Retire DOME offerings

Retire offerings when the corresponding AI service is no longer eligible for publication or discoverable in the data space.

Publication requests are validated by DOME. If rejected, the reason is recorded and the service can be adjusted before a new publication attempt.

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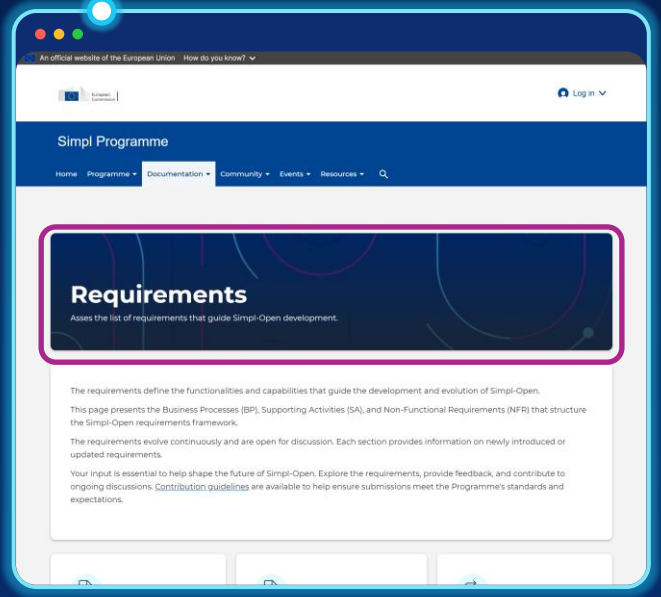
Q&A

Get involved: How to contribute?

How to contribute to Simpl-Open requirements

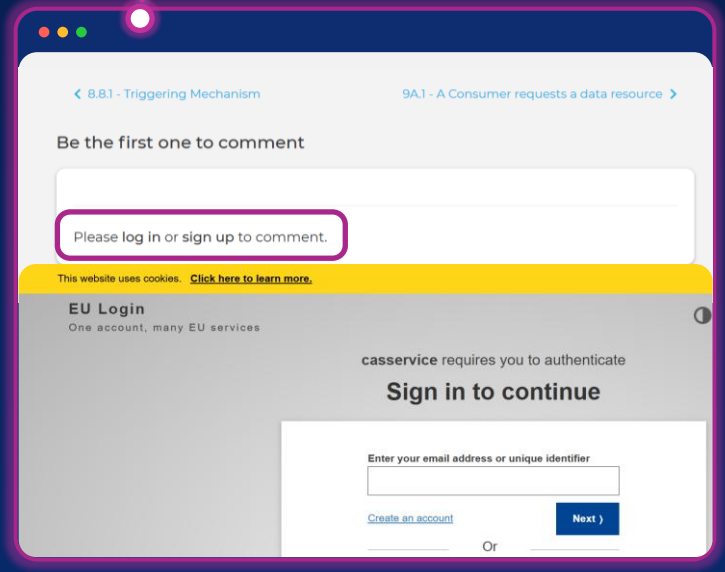
1 Explore the latest requirements

Go to the **Simpl website** and review the latest requirements relevant to you.



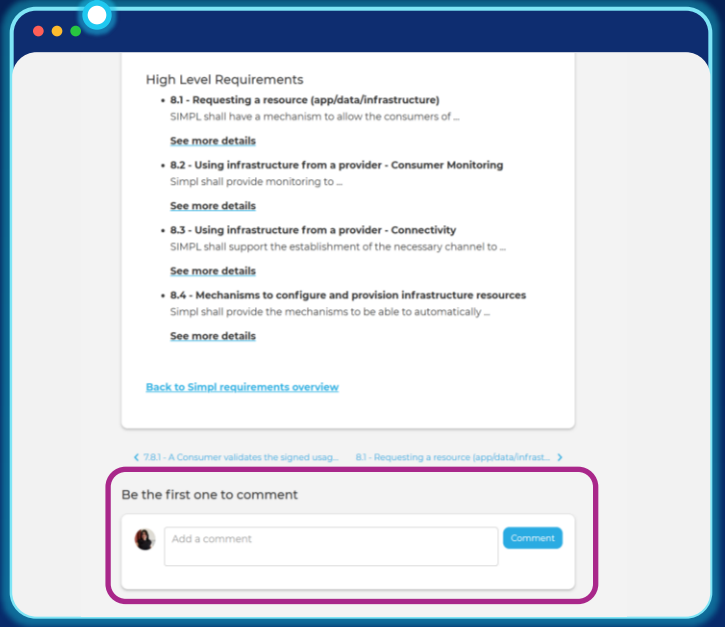
2 Log in or sign up

Ready to share your feedback? **Sign in with your EU Login** to contribute.



3 Contribute

In the requirement page, scroll to the **Comment** section and add your feedback.



Need further support?
Email us at CNECT-SIMPL@ec.europa.eu

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Forum

Keep a look out for Simpl's forum launch! Coming soon!

SAVE THE DATE

3rd Simpl Annual Community Event

10 December 2026

Hybrid, Brussels

Registration open!

Events

Stay tuned for upcoming Simpl events

SAVE THE DATE

Simpl Hackathon

9 December 2026

Brussels

Registration open!

Webinars & Workshops

Join technical and business sessions, online and in person.

Code Repository

Check out and review the code!

Social Media

Join and engage with our growing community!

Website

Visit our website for Simpl documentation, requirements and latest news.

Simpl Newsletter

Subscribe to stay up-to-date with SImpl

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Thank you

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