



Access to Base Registries

Improving national and cross-border access to government data

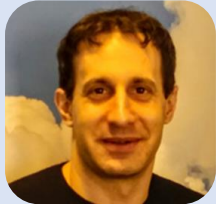


Webinar

24 April 2018, Brussels

Welcome

Access to Base Registries webinar, 24th of April 2018



Peter
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Alvarez-Rodriguez



Miguel Angel
Gomez Zotano



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General information about the webinar

During the webinar

- Please make sure you have muted your microphones to avoid disruptive background noise
- There is an interaction moment (Q&A) foreseen in the last part of the webinar, but feel free to address any question you might have also during the webinar
 - Your questions can be asked by using the chat function
 - Please type your questions in the chat box, they will be then addressed to the speakers
 - We kindly ask you to use only the chat function in order to facilitate the exchange of information
- Please do not activate your microphone unless indicated

After the webinar

- The webinar will be recorded, the recording and the slides will be sent to all registered participants
 - If you did not pre-register – send an email to ABR@everis.com for slides and future ABR updates

AGENDA



INTRODUCION TO THE ABR INITIATIVE



BR INTEROPERABILITY FRAMEWORK (EBRIF)



ABR ARTEFACTS



SOLUTION ARCHITECTURE TEMPLATE (SAT)



COMMUNITY ACTIONS



Q&A

AGENDA



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Q&A

a) ISA² programme

b) What is Access to Base Registries?

c) Challenges ABR aims to tackle

d) Why ABR? Motivation and benefits



ISA Programme (2010 to 2015)
ISA² Programme (2016 to 2020)

ISA² programme

Interoperability solutions for public administrations, businesses and citizens



EUR 131 million programme supporting the development of **digital solutions** that enable public administrations, businesses and citizens in Europe to benefit from interoperable cross-border and cross-sector public services.



All solutions are **open source** and available **free of charge** to any interested public administration in Europe.



ABR in a nutshell

“Reliable sources of basic information on items such as persons, companies, vehicles, licenses, buildings, locations and roads” (EIF)

The Access to Base Registries actions aim to:



Modernise public administrations, achieve cross-border interoperability and facilitate easy interactions with citizens



Minimise the number of interactions needed between administrations, businesses and citizens by promoting the **‘Once-Only’ principle**



Improve interoperability between base registries, cross-border and cross-sector, at a MS and EU level



Facilitate acceleration in new designs and increase efficiency via interoperability



Allow savings via rationalisation and reusability



ABR challenges



Inexistence of guidelines that bring together recognized best practices to be further promoted and exchanged among Member States

Absence of an overview and analysis of the **current state-of-play** on base registries' access and interconnection and on the implementation of the OOP at MS level.

Lack of an overview of existing solutions that could be reused by other countries to enable the access to and interconnection of base registries

Inexistence of a Framework for Base Registry Access and Interconnection including all the different activities associated with master data management.



Motivation

Base Registries are a cornerstone of public service delivery at EU level because they:



Constitute one of the key enablers for the **Once-Only Principle**



Are crucial to achieve cross-sector and cross-border **interoperability & EIF**



Allow more effective and cost-efficient **exchange of information** and help reducing the **administrative burden**



Contribute to **building trust and confidence** between citizens, businesses and public administrations



Benefits

Service delivery

Improved public service delivery to citizens and businesses by facilitating the one-stop-shop delivery of public services



Cost and time saving

Lower costs for public administrations, businesses and citizens due to the efficient delivery of public services and allows time savings



Efficiency

Higher efficiency through less administrative work for governments and less interaction needed from citizens (lower administrative burden)



Access

Better access to information across borders



Transparency

Increased transparency at MS and EU level



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Q&A

a) The new European Interoperability Framework (EIF)

b) EBRIF conceptual model





The New European Interoperability Framework (EIF)

“A base registry framework describes the agreements and infrastructure for operating base registries and the relationships with other entities” (EIF)



Access to base registries should be regulated to comply with privacy and other regulations:

-  The **information steward** is the body responsible and accountable for collecting, using, updating, maintaining and deleting information
-  Base registries should draw up and implement a **data quality assurance plan** to ensure the quality of their data. Citizens and businesses should be able to check the accuracy, correctness and completeness of their data contained in base registries



12 EIF principles for the EBRIF

Conceptual Model

12 EIF principles Categorized as core (addressed first) and additional (addressed at a later stage)



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Conceptual Model

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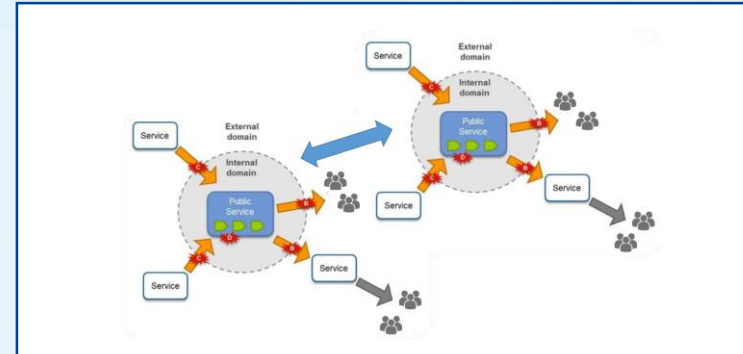
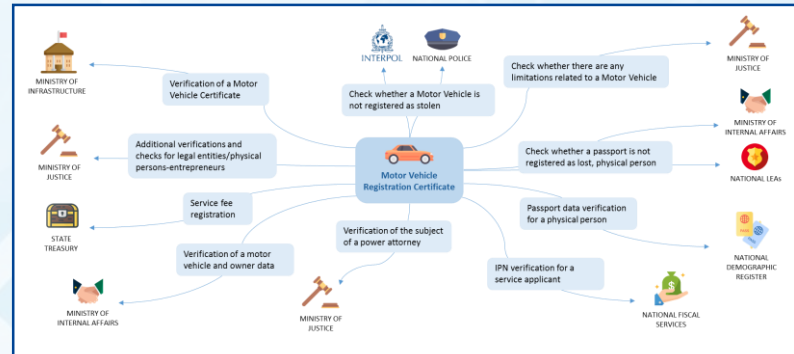
ISA²

13

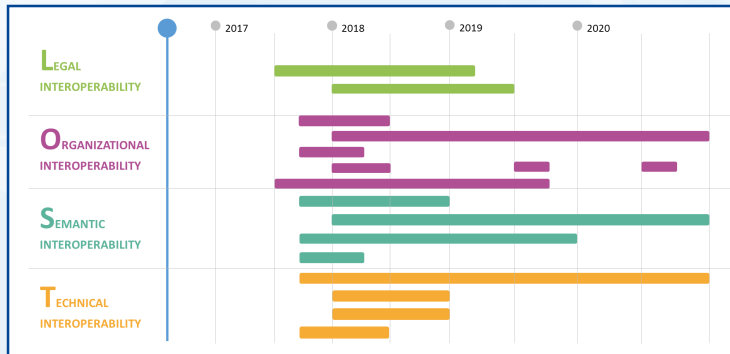
Questions

1. What is your approach towards the EIF principles? Have you been already applying them and if so where?
2. What are your priorities with regard to applying the EIF principles?

The EBRIF conceptual model

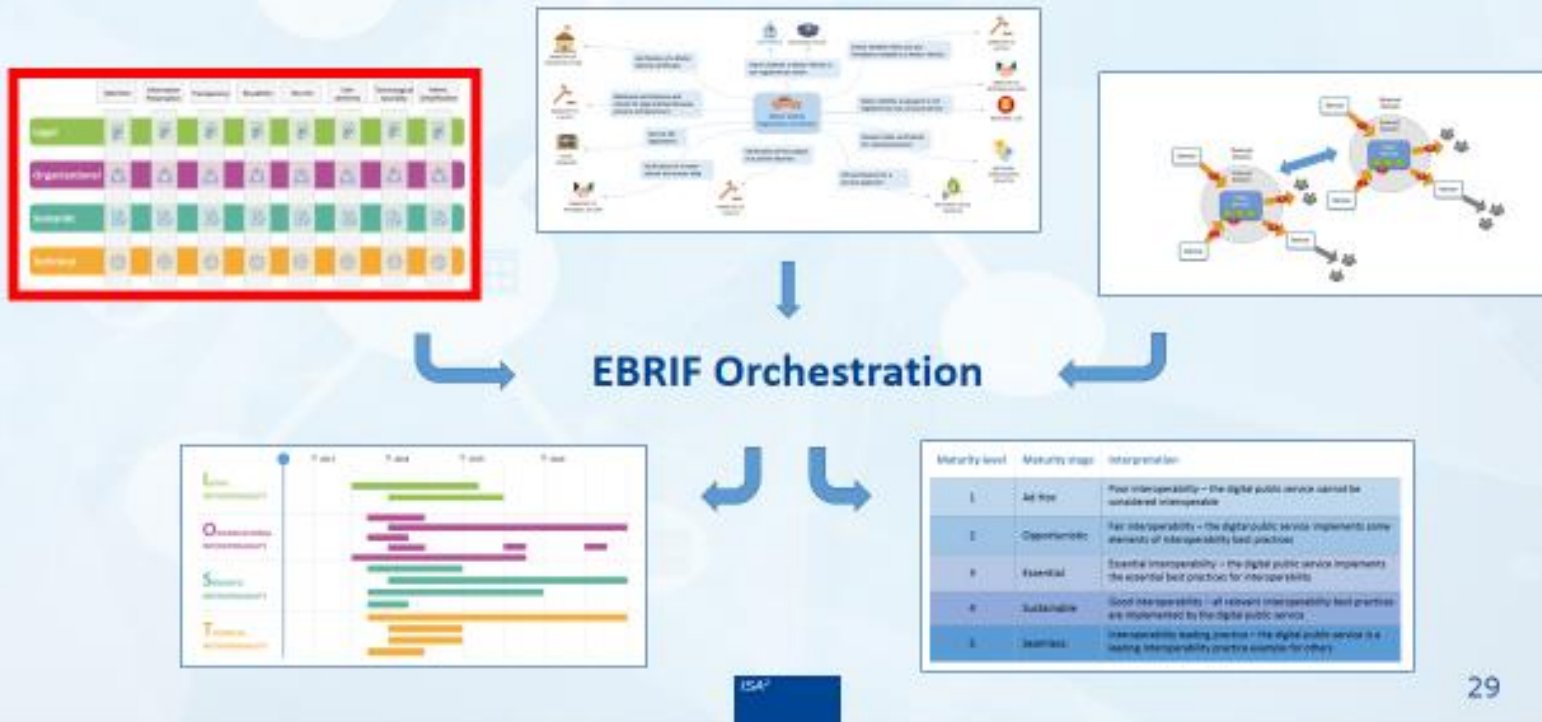


EBRIF Orchestration



Maturity level	Maturity stage	Interpretation
1	Ad Hoc	Poor interoperability – the digital public service cannot be considered interoperable
2	Opportunistic	Fair interoperability – the digital public service implements some elements of interoperability best practices
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4	Sustainable	Good interoperability – all relevant interoperability best practices are implemented by the digital public service
5	Seamless	Interoperability leading practice – the digital public service is a leading interoperability practice example for others

The EBRIF conceptual model

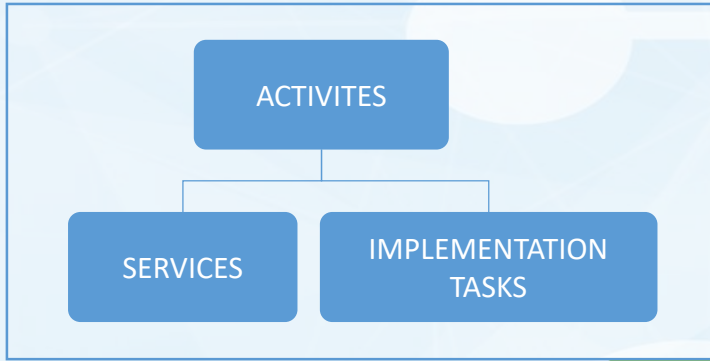


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Question

1. Have you come up with a conceptual framework for Base Registry development and/or interconnection in your country?

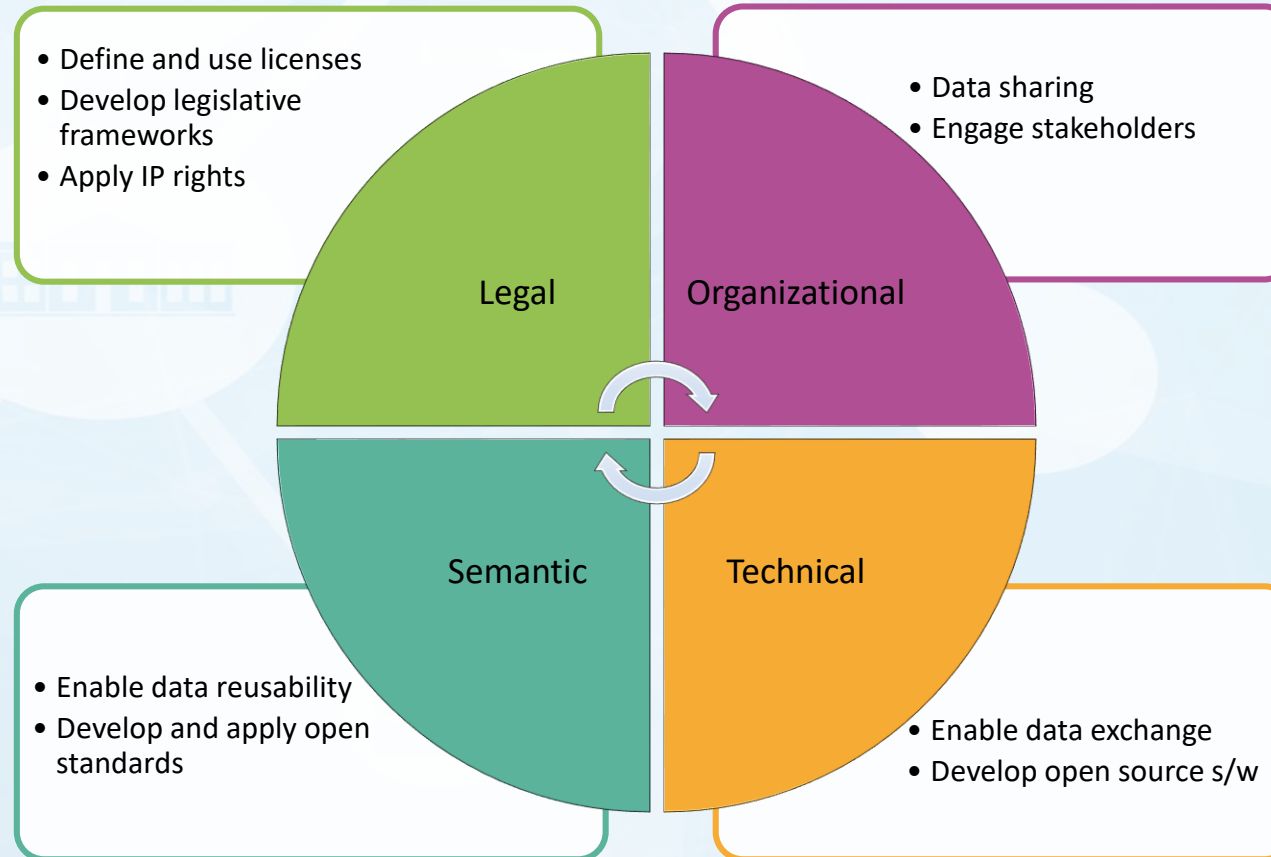
Main Framework Principles



	Openness	Information Preservation	Transparency	Reusability	Security	User centricity	Technological neutrality	Admin. Simplification
Legal								
Organizational								
Semantic								
Technical								

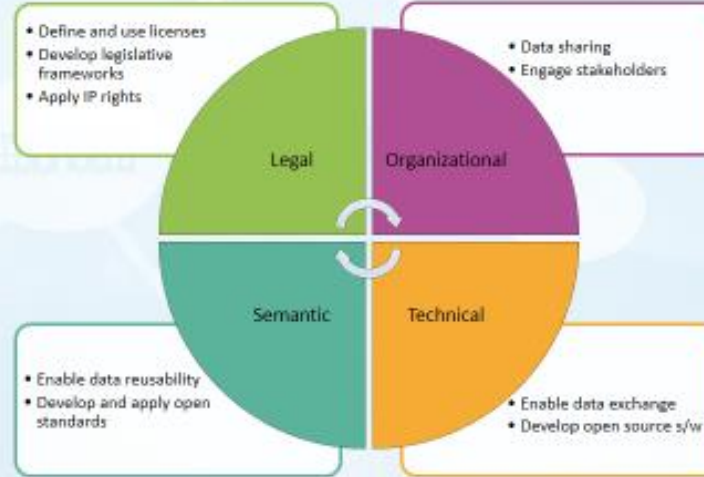


Openness





Openness

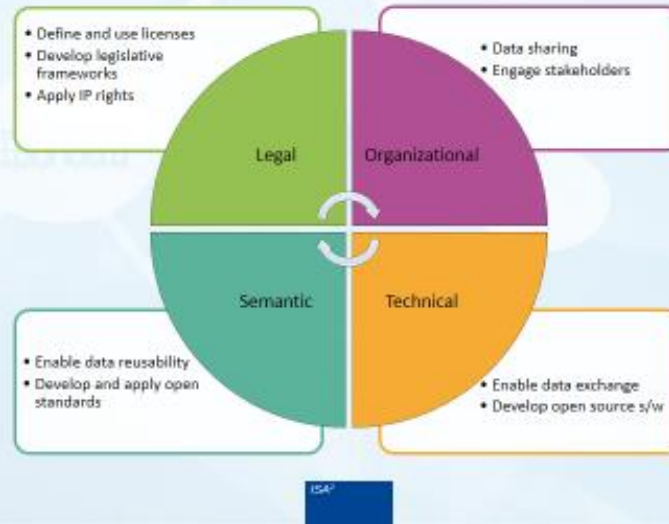


Questions

1. Have you ever tried to implement the principle of Openness? (even if not per EIF level) – what are your impressions/results?
2. Openness seen from the Legal perspective boils down (among others) to a number of activities. We'd like your input on whether you already have:
 1. Defined and used licenses for BRs
 2. Developed legislative frameworks for the BRI



Openness

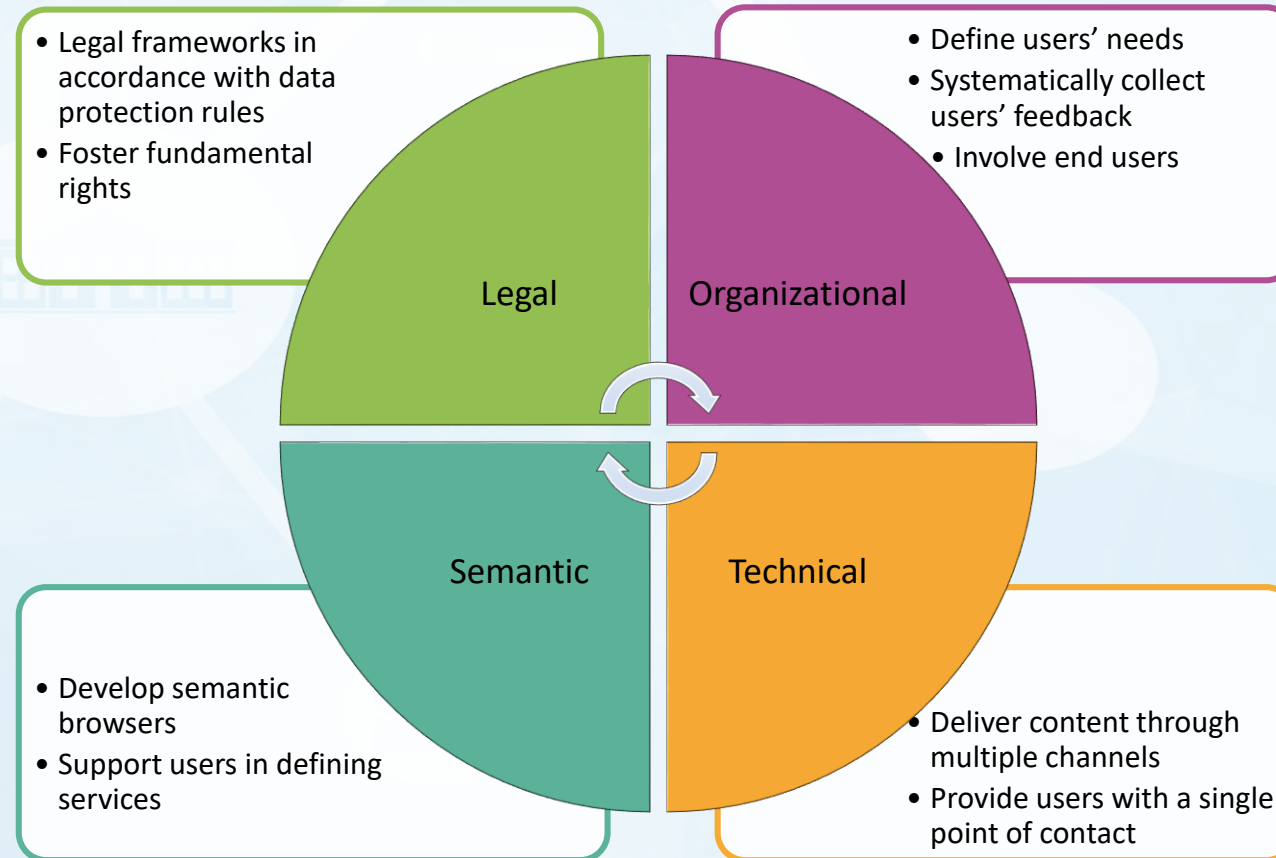


Questions

3. Accordingly, openness from the organizational perspective:
 1. Do you already have policies for BR data sharing?
 2. How do you engage or plan to engage stakeholders with regard to BRI?
4. Accordingly from the Semantic perspective:
 1. Do you already use tools that enable data reusability? If so of what type?
5. Technical perspective:
 1. Are tools you use or develop, solely relying on open source?

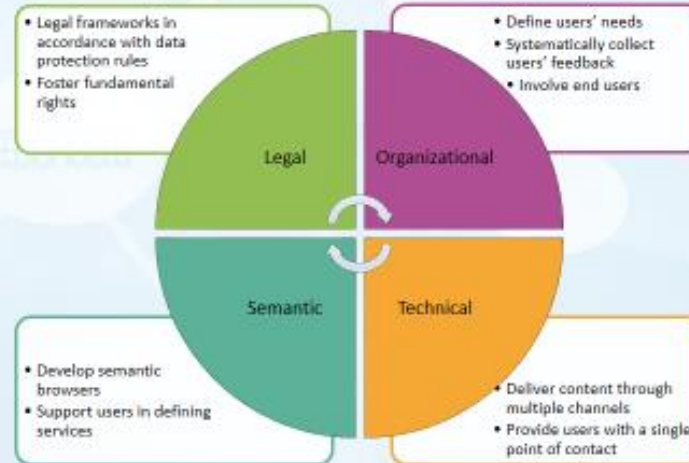


User centricity





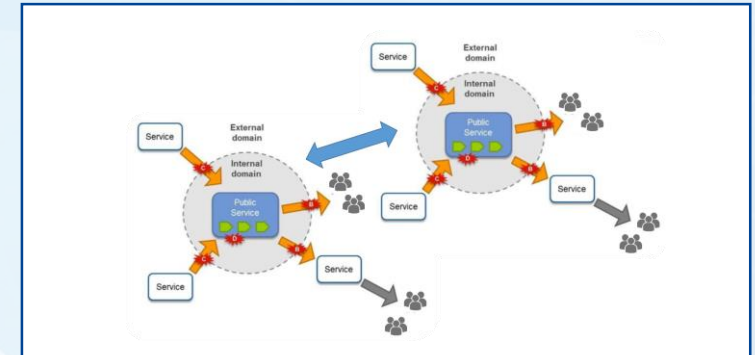
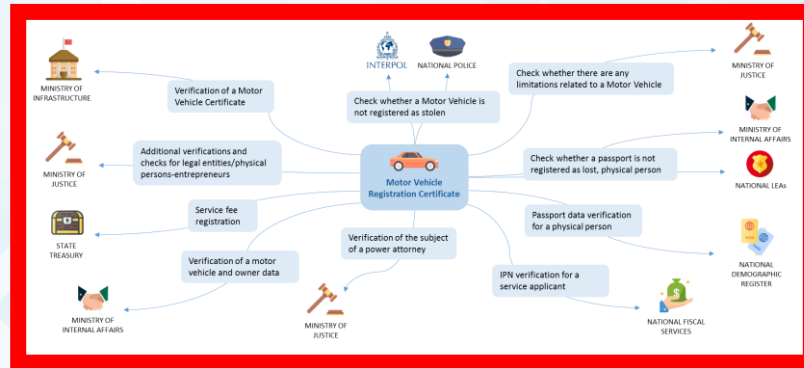
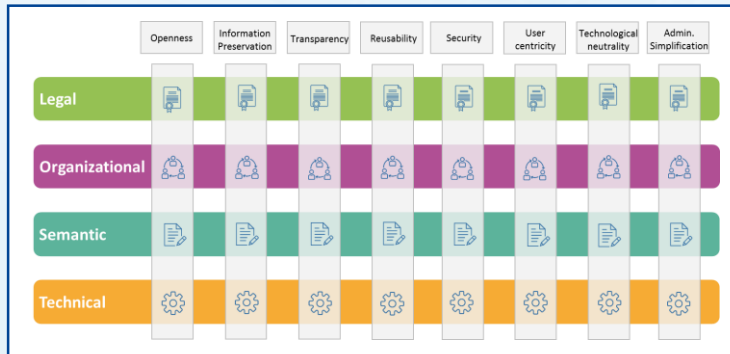
User centrality



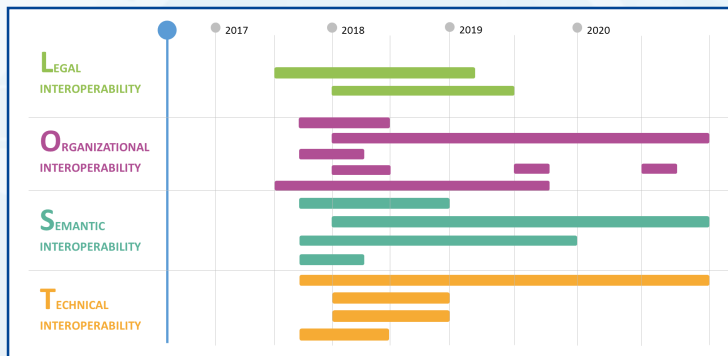
Questions

1. Have you ever tried to implement the principle of User centrality? (even if not per EIF level) – what are your impressions/results?
2. User centrality seen from the Legal perspective boils down (among others) to a number of activities. We'd like your input on whether you already have:
 1. Developed legislative frameworks that are GDPR compliant
3. Accordingly from the Semantic perspective:
 1. Do you support users in defining services through “semantic-enabled” wizards or screens?

The EBRIF conceptual model



EBRIF Orchestration

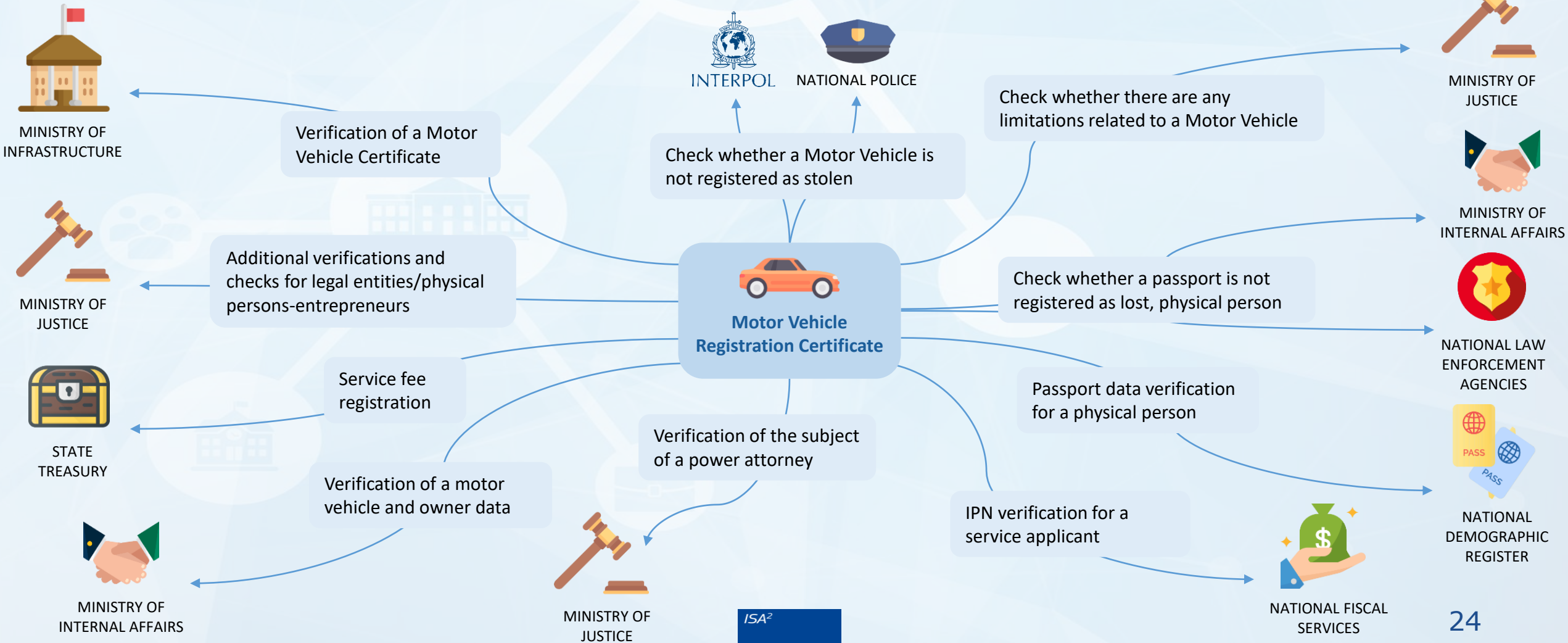


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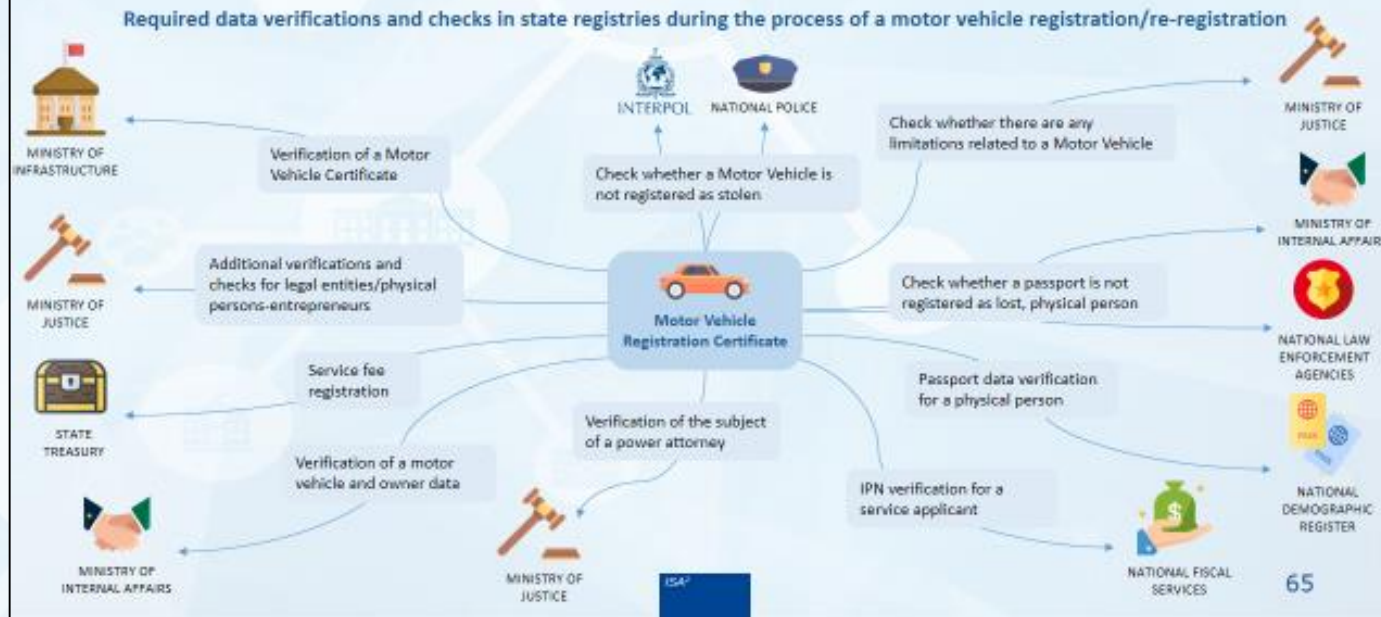
Data verification - vehicle registration



Required data verifications and checks in state registries during the process of a motor vehicle registration/re-registration



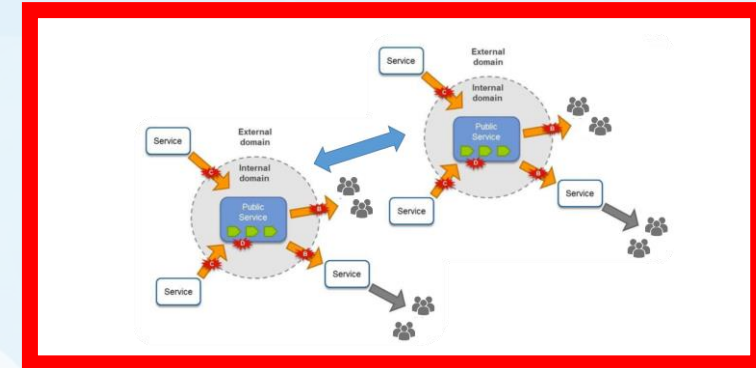
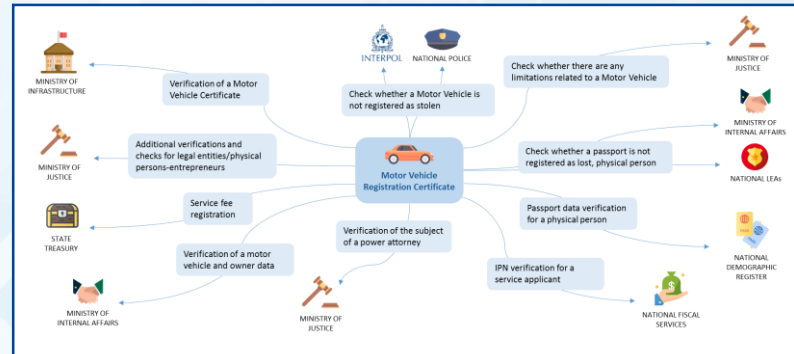
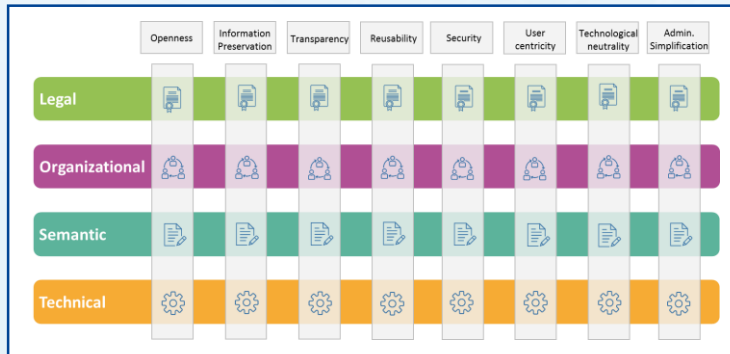
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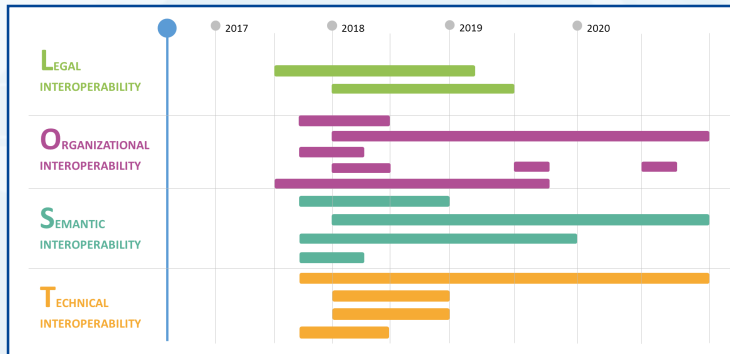
Questions

1. Can the data verification, as in the diagram, be called a “service” according to your public service catalogue?
2. How do you define the services that are related to or involved in general Base Registries?
3. Do you map these services with the BRs? (By map we mean identify which services use what registries)

The EBRIF conceptual model






EBRIF Orchestration

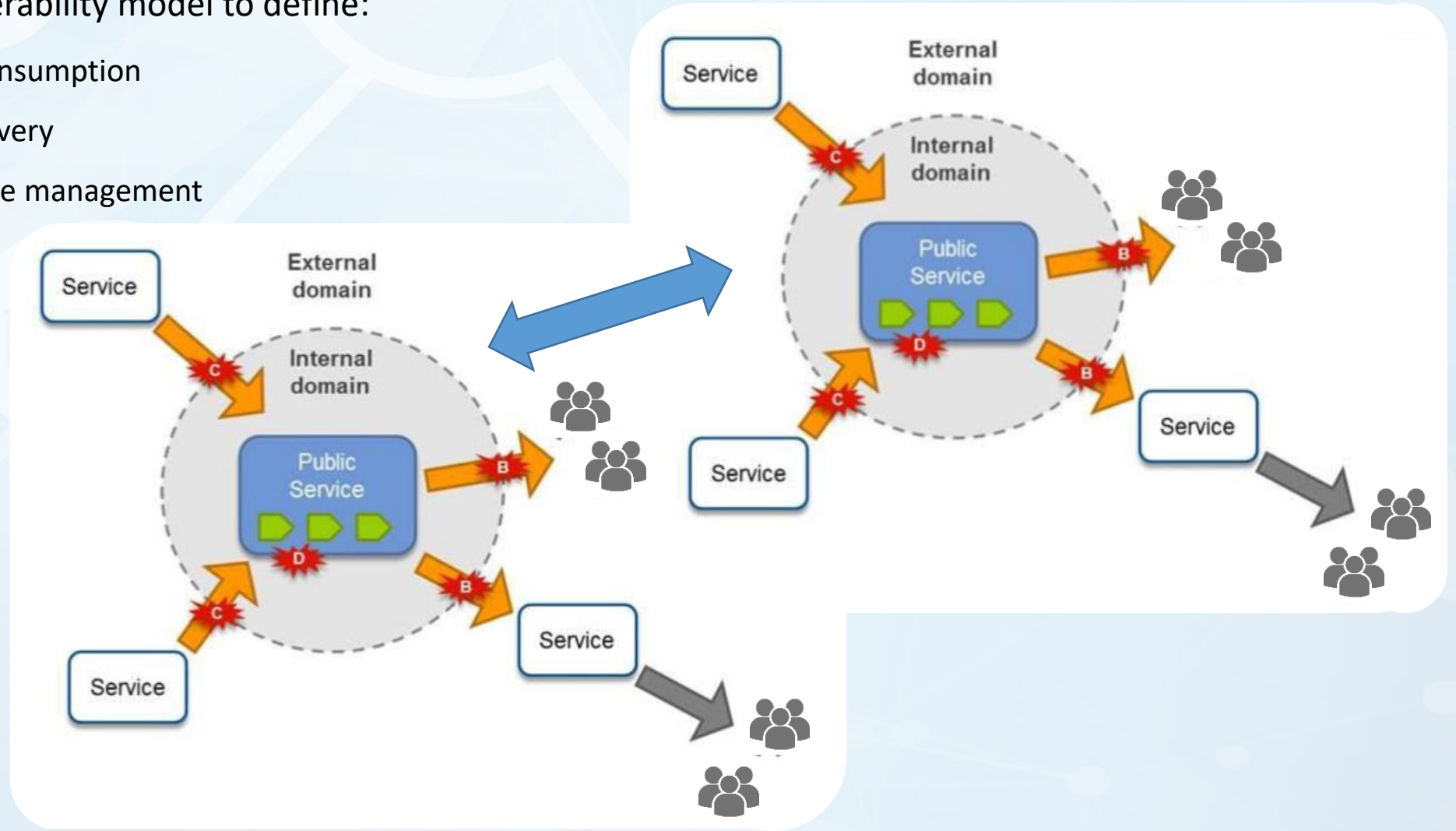


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The IMAPS service interoperability model to define:

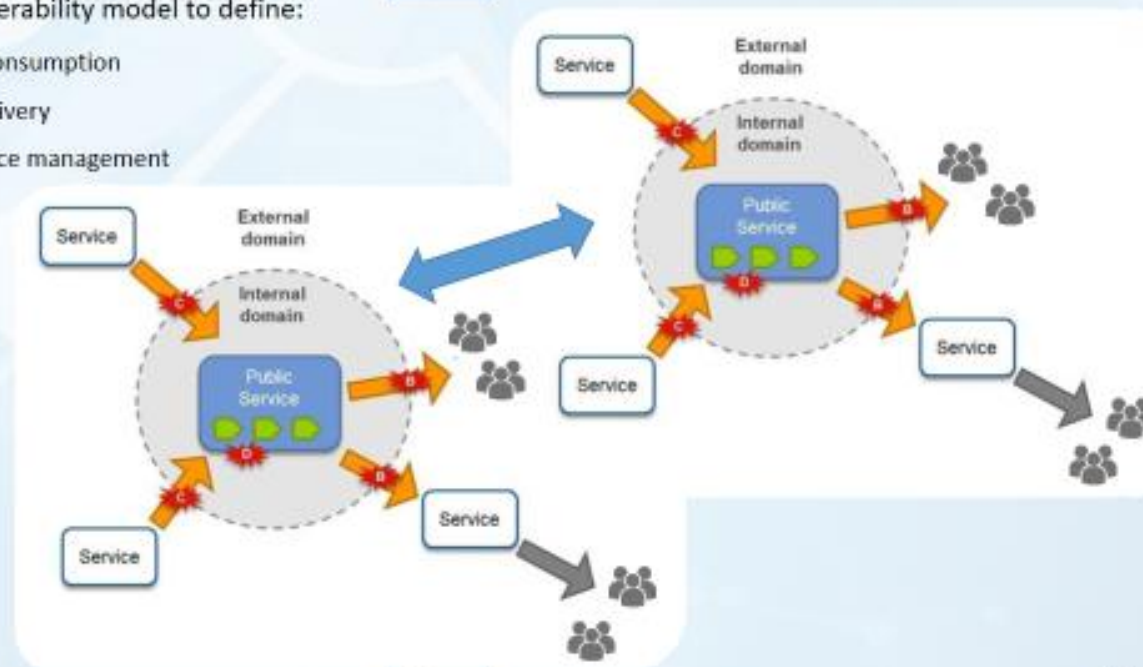
-  The BR2BR service consumption
-  The BR2C service delivery
-  The internal BR service management





The IMAPS service interoperability model to define:

- ☒ The BR2BR service consumption
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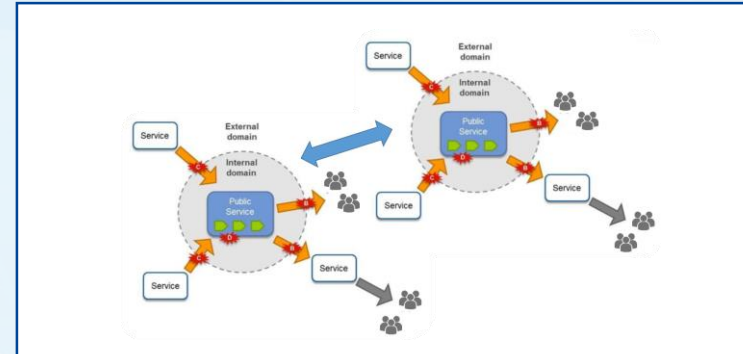
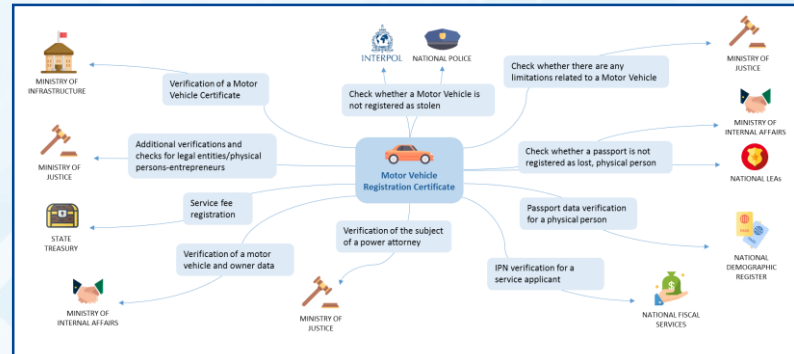
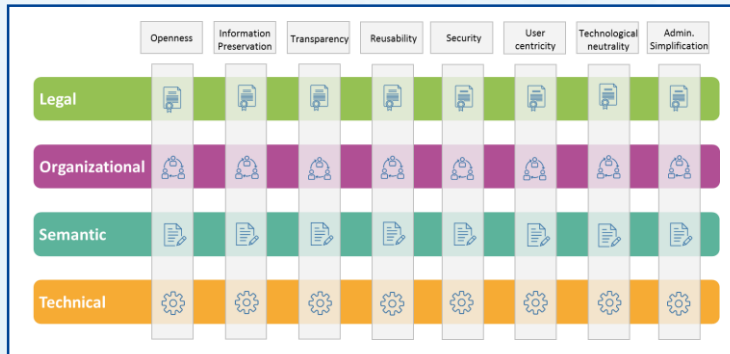


71

Questions

1. Do you distinguish, when developing or interconnecting BRs, between service consumption, delivery and management, like in the case of IMAPS?
2. Are you aware of IMAPS? If so have you ever used it?

The EBRIF conceptual model

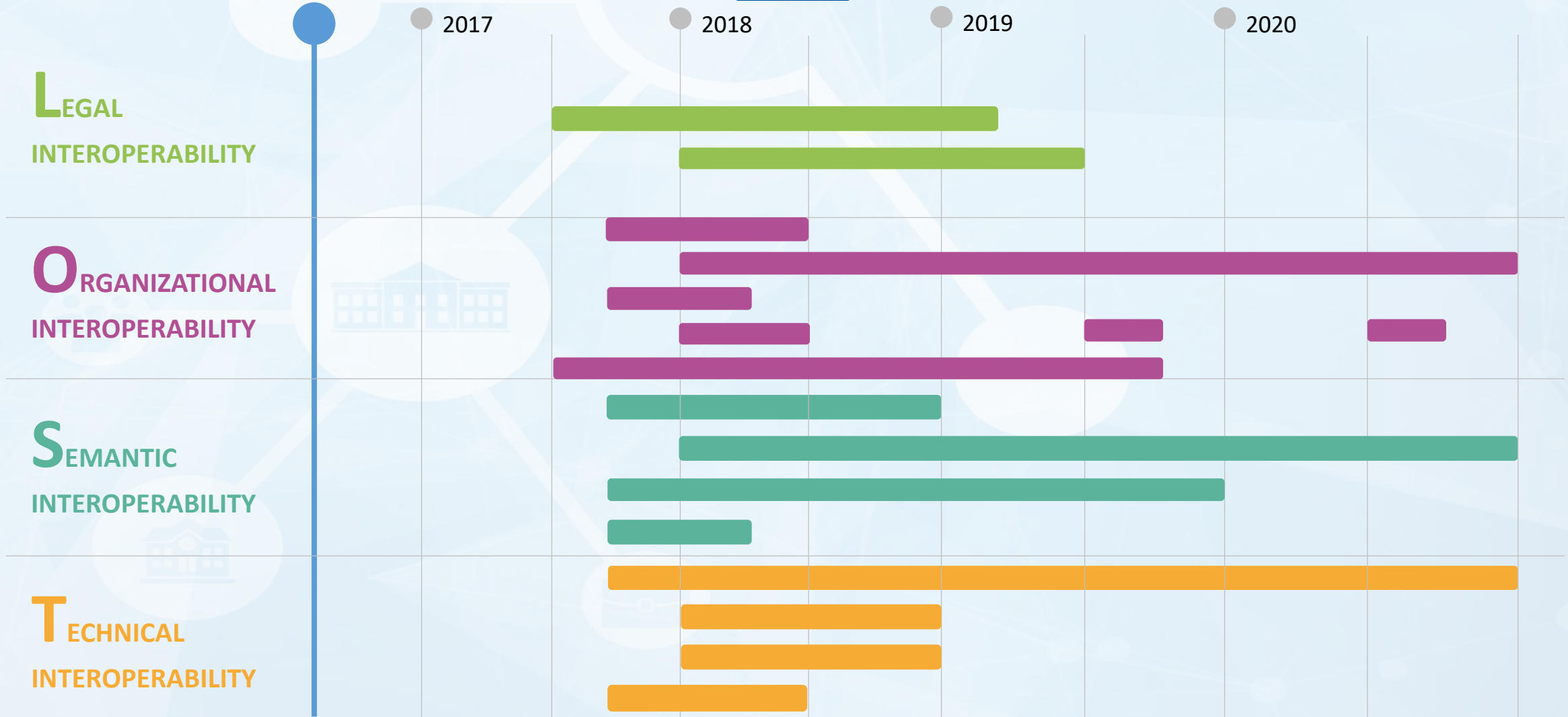


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Implementation tasks

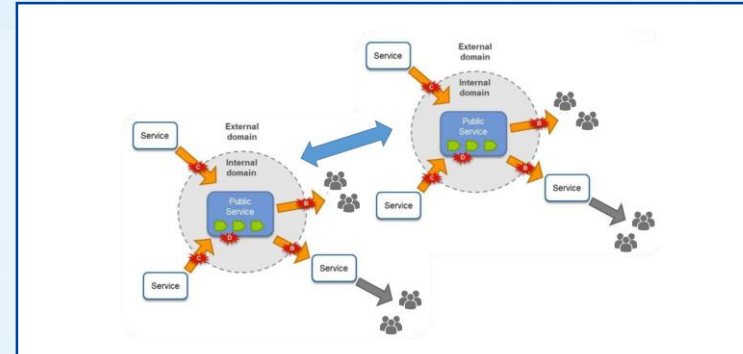
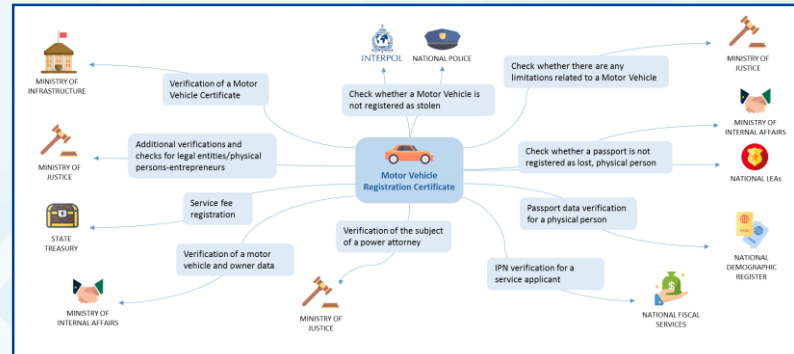
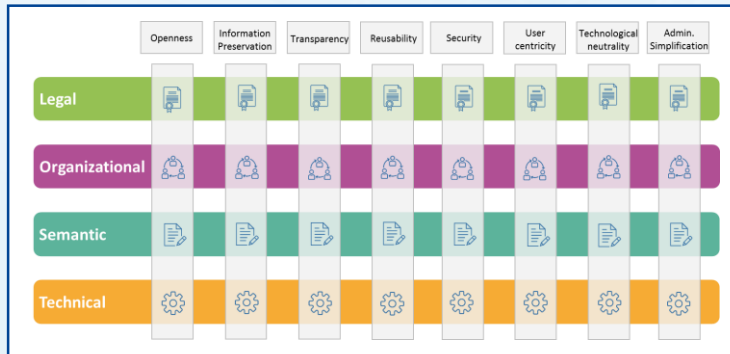




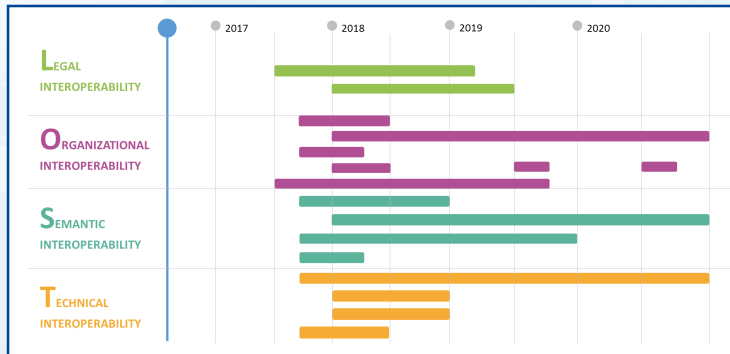
Questions

1. Do you already have a roadmap in place for BRs or do you plan to have in the future?
2. If so then is the plan per EIF level or do you follow another approach?
3. Do you prioritize tasks and EIF level implementation(s)? If so how?

The EBRIF conceptual model



EBRIF Orchestration



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Interoperability Maturity Assessment of a Public Service (IMAPS)

Once we have the BR Interconnection Services we can apply the IMAPS model

- ✓ On their **consumption**
- ✓ On their **delivery**
- ✓ On their **management**

Result: “readiness” assessment

- ✓ Impact on the roadmap (priorities)

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Questions

1. How do you assess the AS-IS situation with regard to the maturity of BR development and interconnection?
2. Is your implementation prioritization based on service maturity?
3. Have you already performed an assessment of the public services related to BRs?



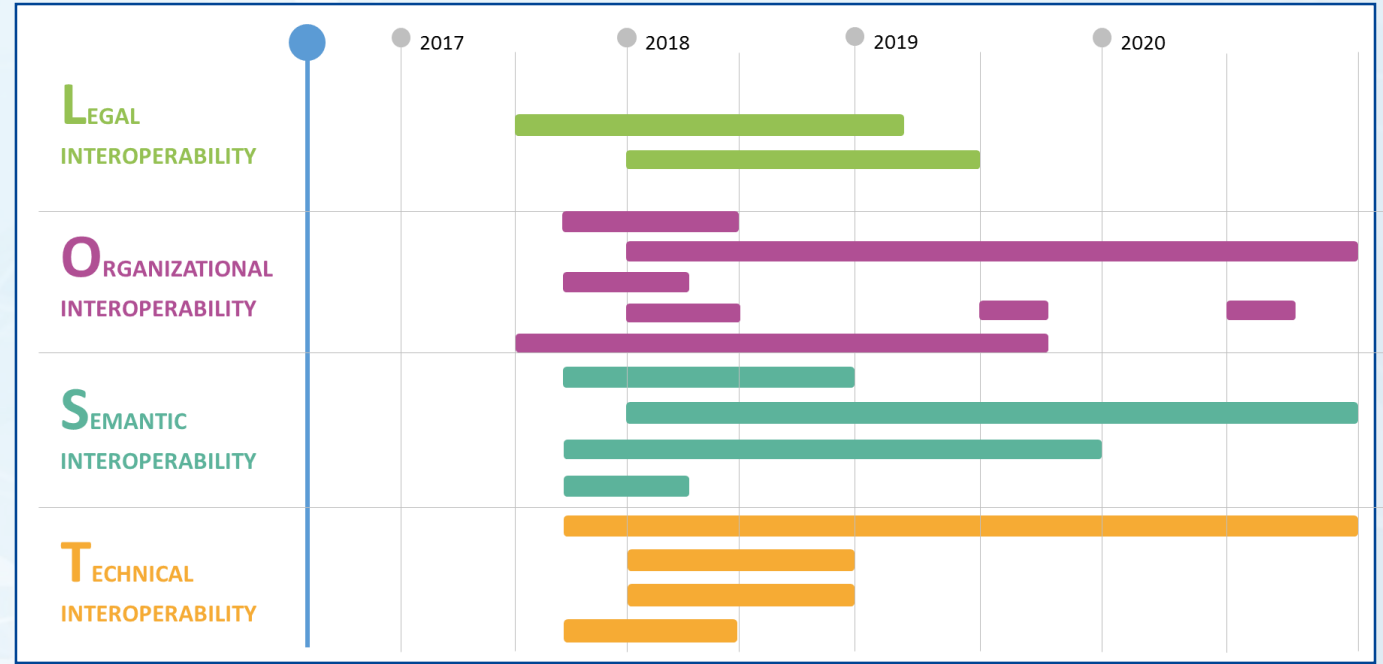
Input

EIF core principles

- Openness
- Transparency
- Reusability
- Tech. Neutrality
- User centricity
- Inclusion and accessibility



Output



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COMMUNITY ACTIONS



Q&A

- a) Good Practices on Building Successful Interconnections of Base Registries
- b) Catalogue of Reusable Solutions for a Base Registry Interconnection
- c) Guidelines on Building Successful Interconnections of Base Registries
- d) Member States Factsheets



Good Practices on Building Successful Interconnections of Base Registries

17 good practices

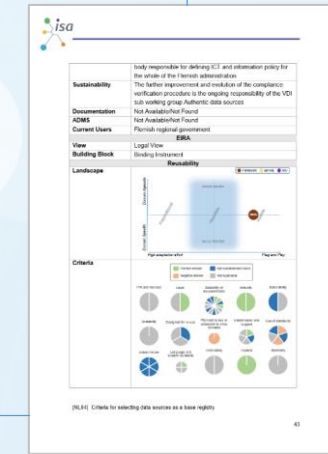


Real-life examples from MS initiatives

Across all four EIF interoperability layers

Catalogue of Reusable Solutions for a Base Registry Interconnection

Reusable solutions identified at MS level



In-depth analysis on the reusability based on Sharing and Reuse criteria (ISA² Action)

137 solutions

Classified according to the views and EIRA Building Blocks



Guidelines on Building Successful Interconnections of Base Registries



Recommendations to improve access and interconnection of authentic sources of information

References to Catalogue of Solutions

Guide the user in enhancing access and interconnection of base registries

State-of-affairs of access and interconnection of base registries for 32 countries

Member States Factsheets



General strategy towards interoperability
Current interoperability levels based on EIF layers

e-Government public services that make use of data in base registries

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COMMUNITY ACTIONS



Q&A

- a) Creation of the SAT
- b) Legal view
- c) Organisational view
- d) Semantic view



SAT design guidelines

EIRA Views

- ① All of the EIRA© views should be covered in an SAT
- ② The focal building blocks in the high level viewpoint should be included

Solution building blocks

- ④ Existing solutions or implementations will be added in the form of SBBs, realizing the EIRA© ABBs

Narratives

- ⑧ The models are completed using narratives, a textual description that explains the context, the building blocks and their relationships
- ⑨ Narratives are provided as description in the model itself as well as accompanying text in the final document

Architecture building blocks

- ③ A selection of the EIRA© ABBs will be added as IoP requirements

Interoperability specifications

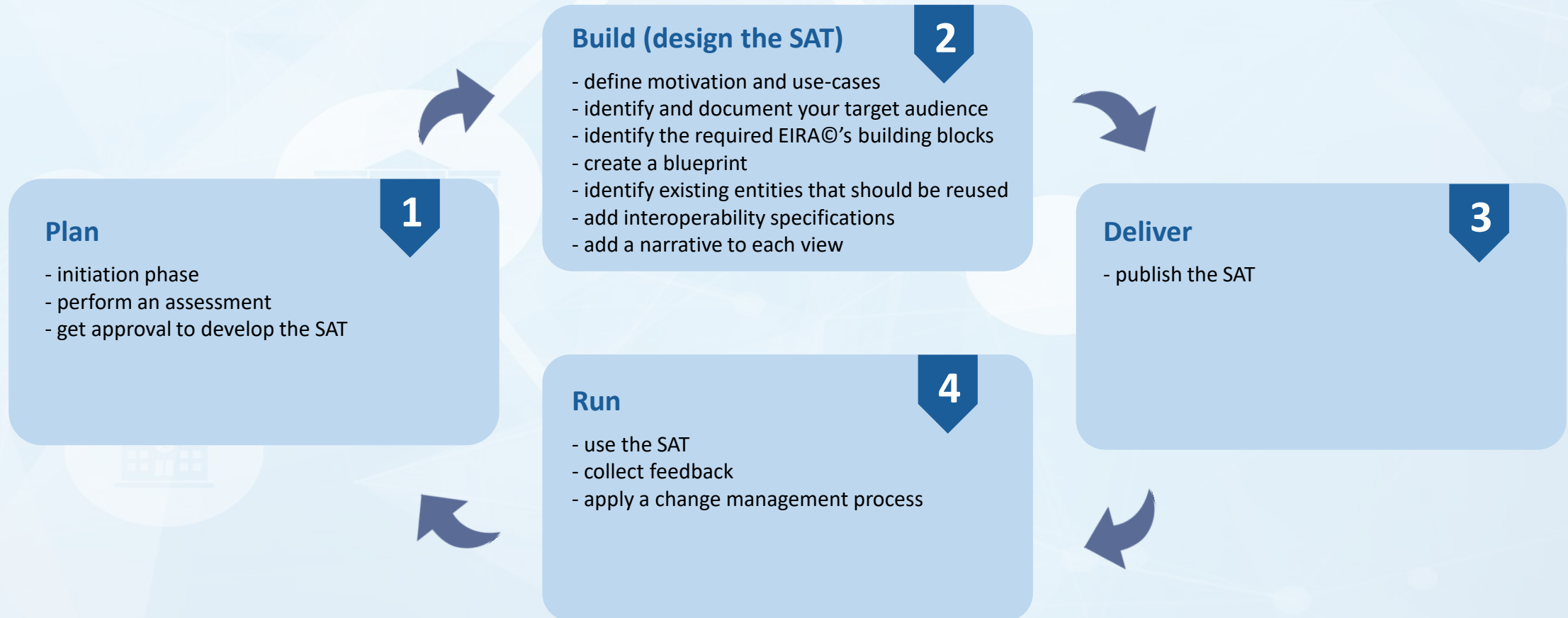
- ⑤ Interoperability specifications are modelled as either requirement in the form of ABBs or as implementation of an interoperability specification in the form of an SBB. The SAT shall identify the ABBs that need interoperability specifications
- ⑥ The interoperability specifications should document the following attributes: ID, dct:type, dct:publisher, dct:modified, eira:url, eira:identifier and eira:body.

ArchiMate® Motivation Extension

- ⑦ The ArchiMate® motivation extension is used to model motivational concepts and their sources



SAT development lifecycle





The European Interoperability Reference Architecture (EIRA©)



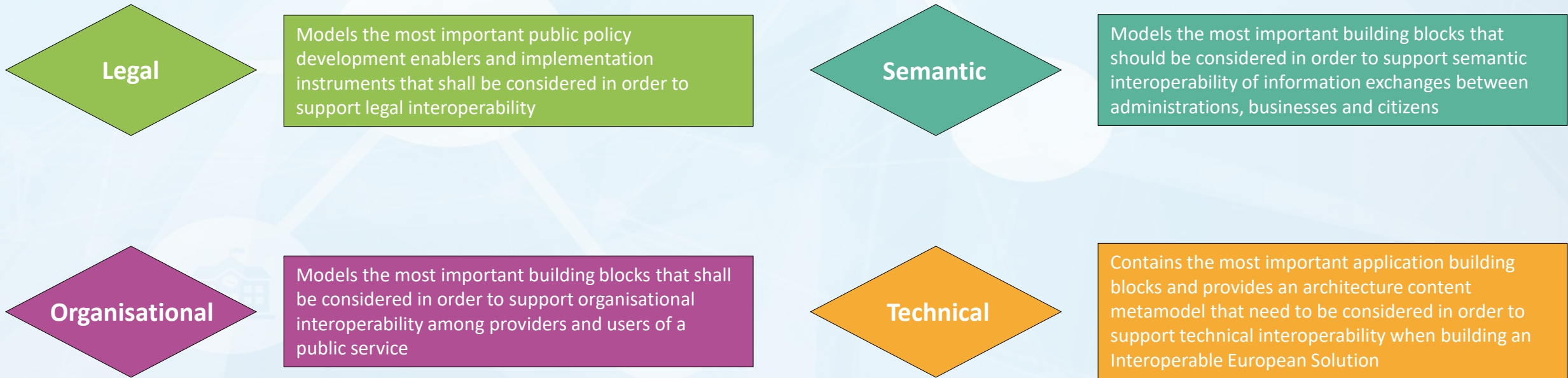
- ☐☐ **Common terminology** to achieve a minimum level of coordination
- ☐☐ **Reference architecture** for delivering digital public services
- ☐☐ Technology and product neutral and a **service-oriented** architecture style
- ☐☐ Alignment with **EIF** and **TOGAF®**

The EIRA uses the ArchiMate language as a notation, it can be considered as an extension of the ArchiMate language, using two of the extension mechanisms foreseen by ArchiMate: specialisation (stereotyping) and attributes



The European Interoperability Reference Architecture (EIRA©)

LOST layers



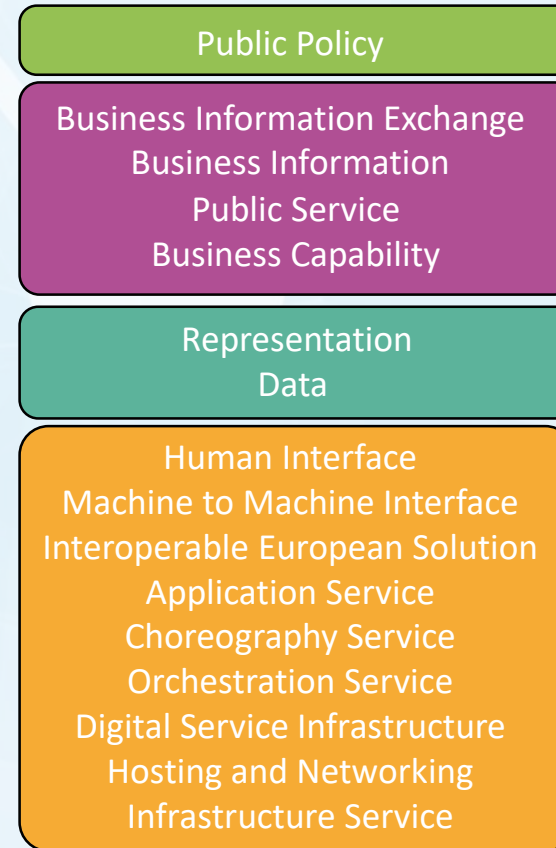


The European Interoperability Reference Architecture (EIRA©)

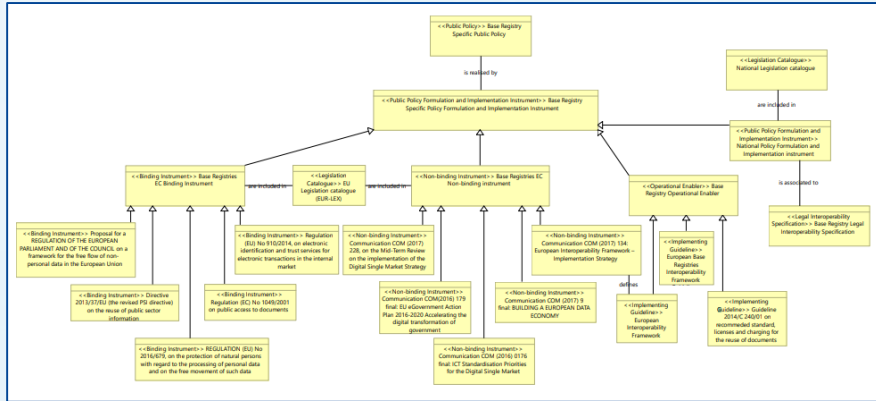
Views



Focal architecture building block



Solution Architecture Template



Legal View

Base Registry Specific Public Policy

is realized by

Base Registry Specific Policy Formulation and Implementation Instrument

National Policy Formulation and Implementation instrument

Base Registry Operational Enabler

Base Registries EC Binding Instruments

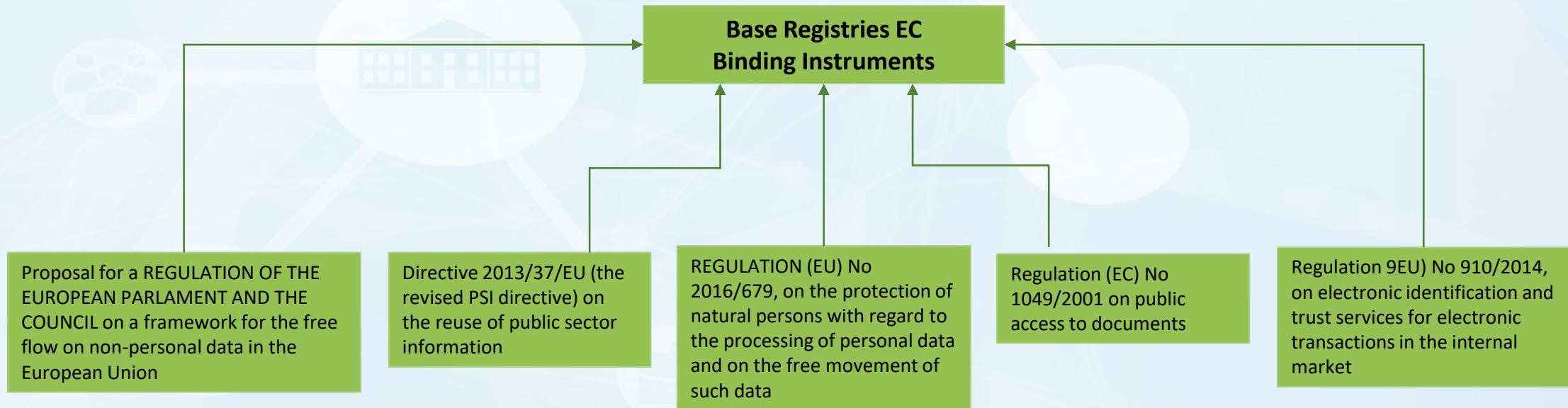
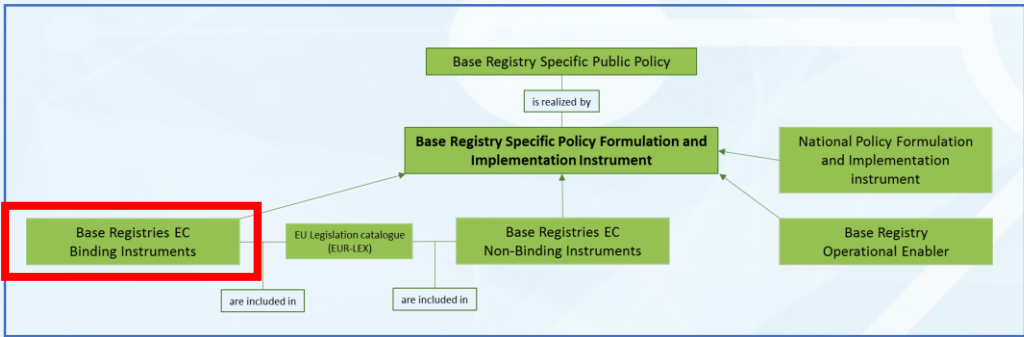
EU Legislation catalogue (EUR-LEX)

Base Registries EC Non-Binding Instruments

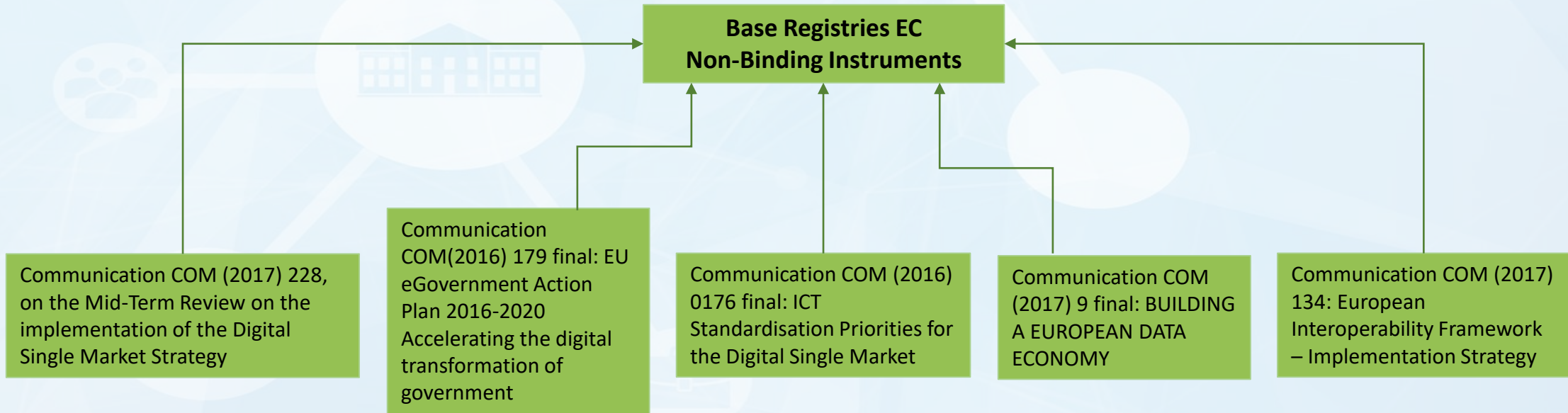
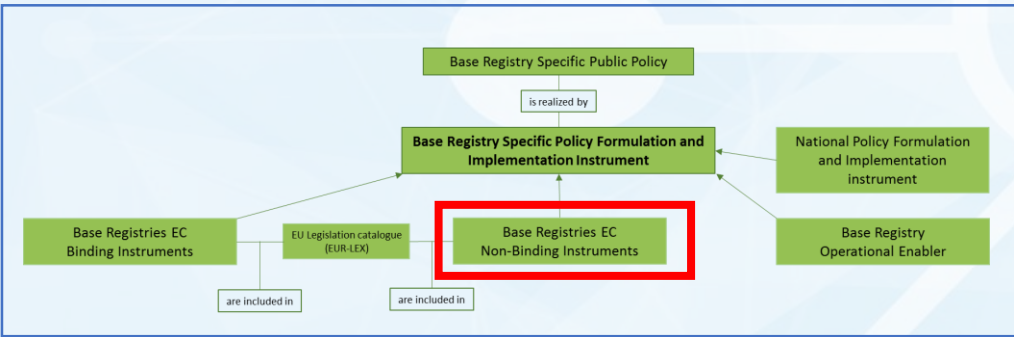
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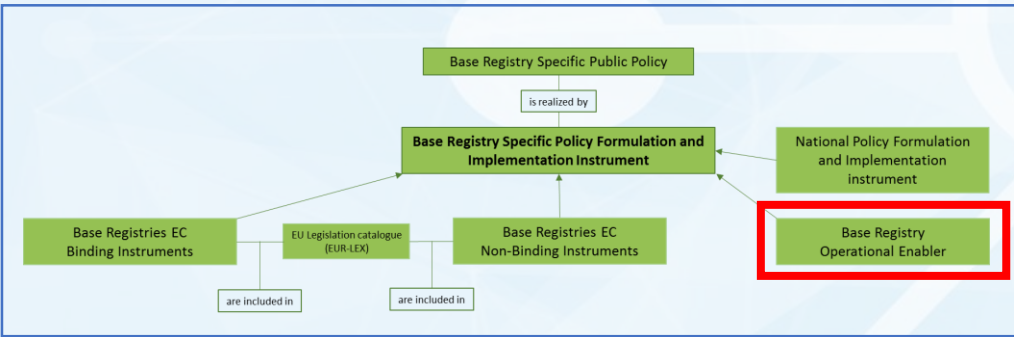
Solution Architecture Template



Solution Architecture Template



Solution Architecture Template



Communication COM (2017) 134: European Interoperability Framework – Implementation Strategy

defines

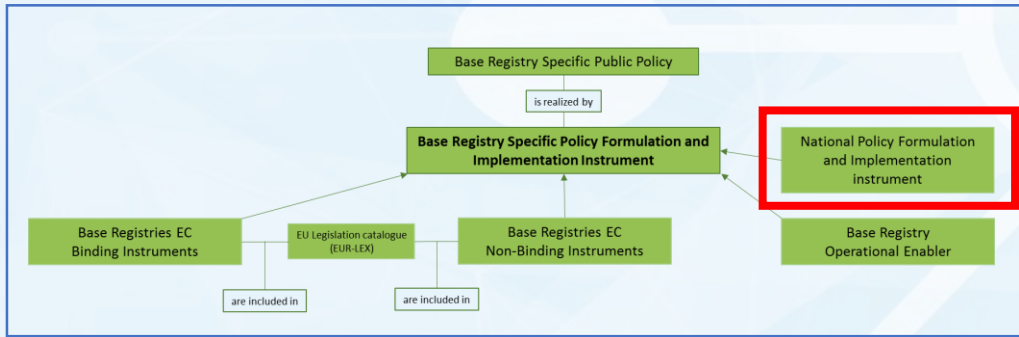
European Interoperability Framework

Base Registry Operational Enabler

European Base Registries Interoperability Framework

Guideline 2014/C 240/01 on recommended standard, licenses and charging for the reuse of documents

Solution Architecture Template



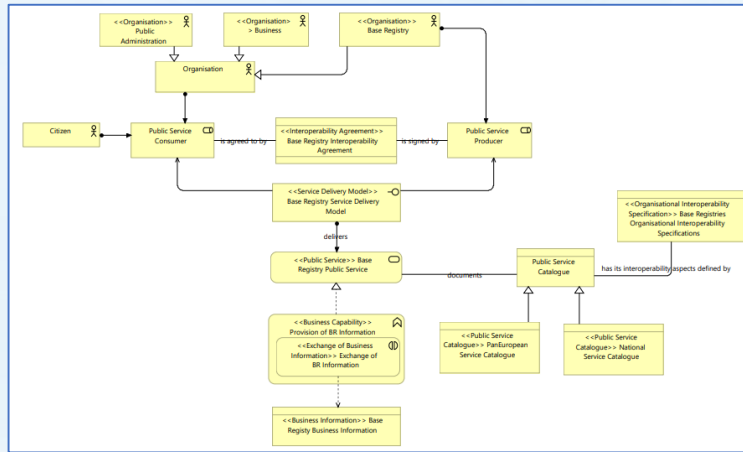
National Policy Formulation and Implementation instrument

is associated to

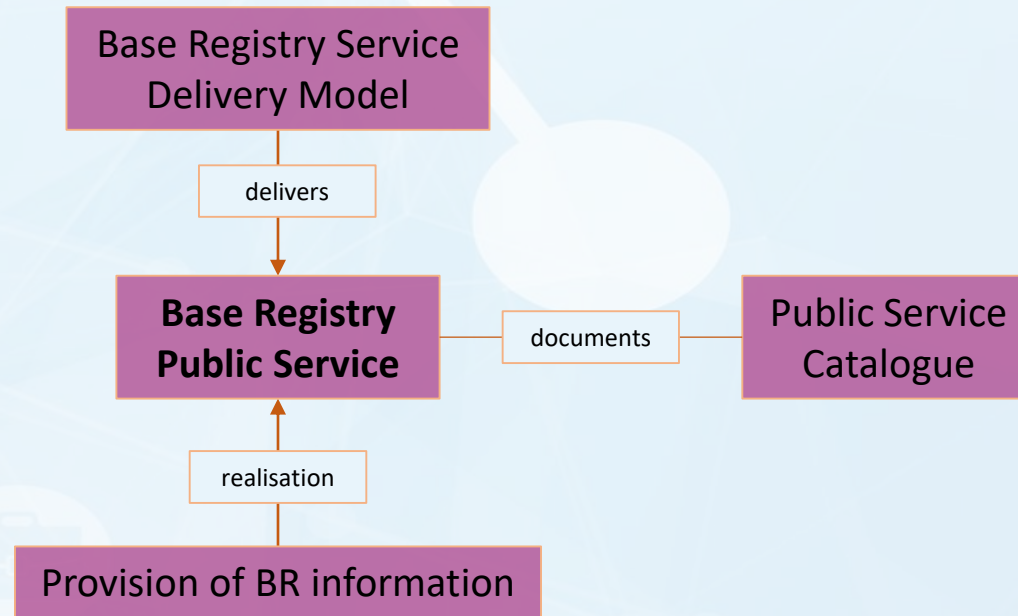
are included in

Base Registry Legal Interoperability Specification

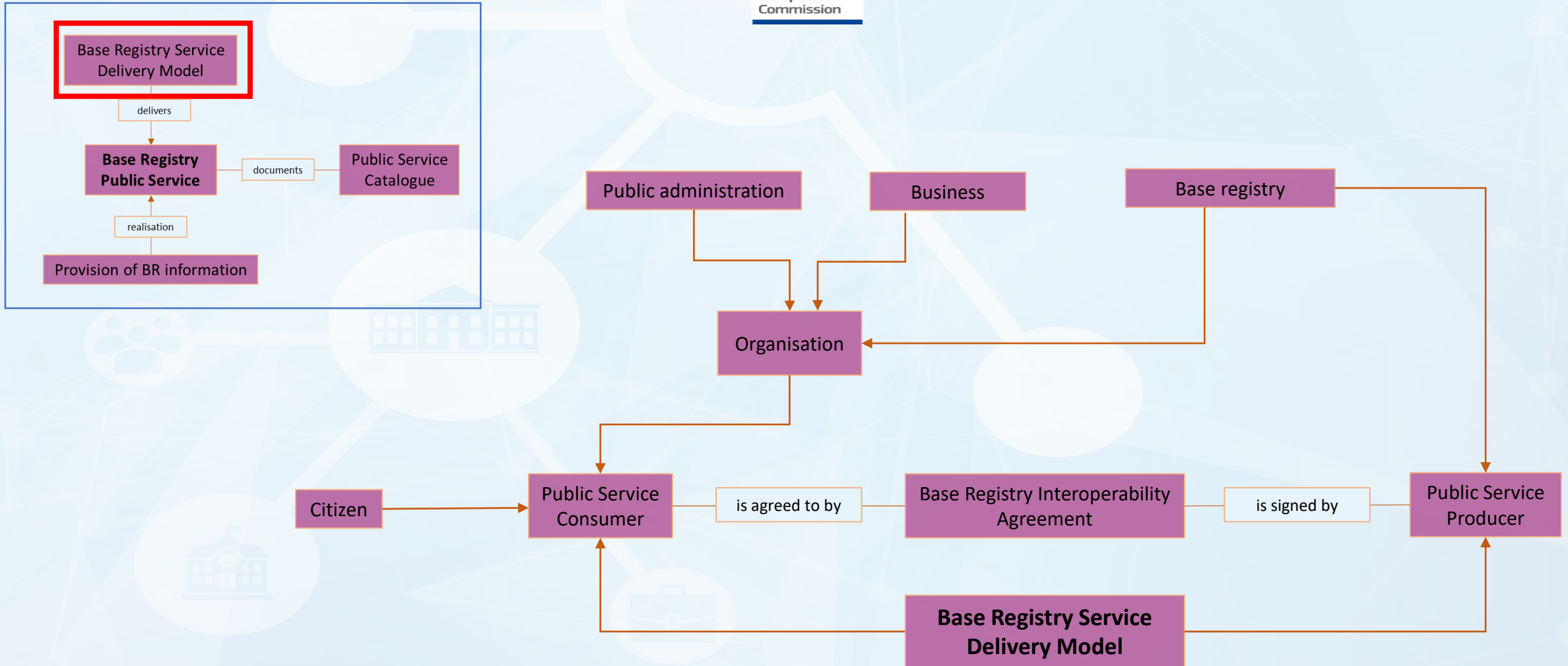
National Legislation catalogue



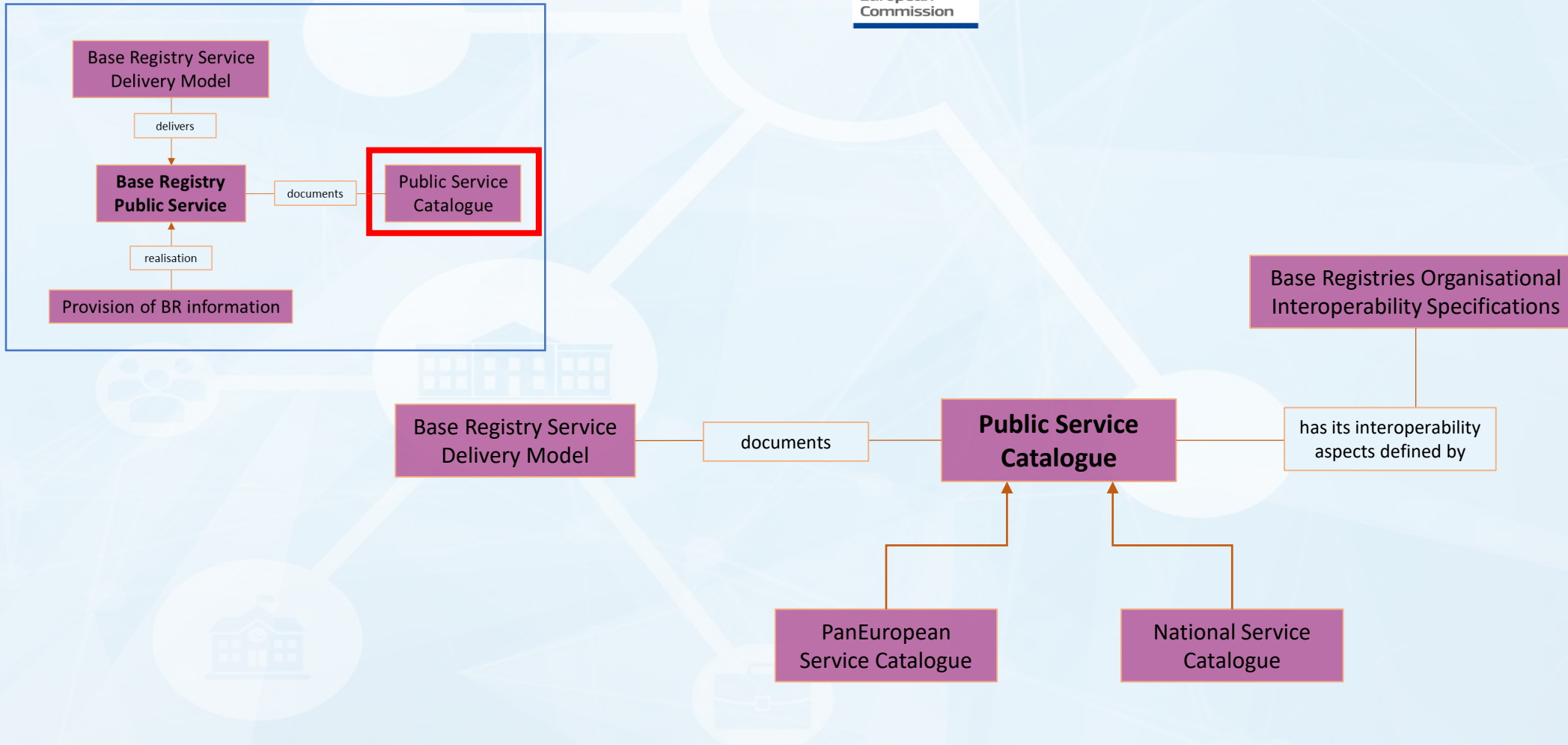
Organisational View



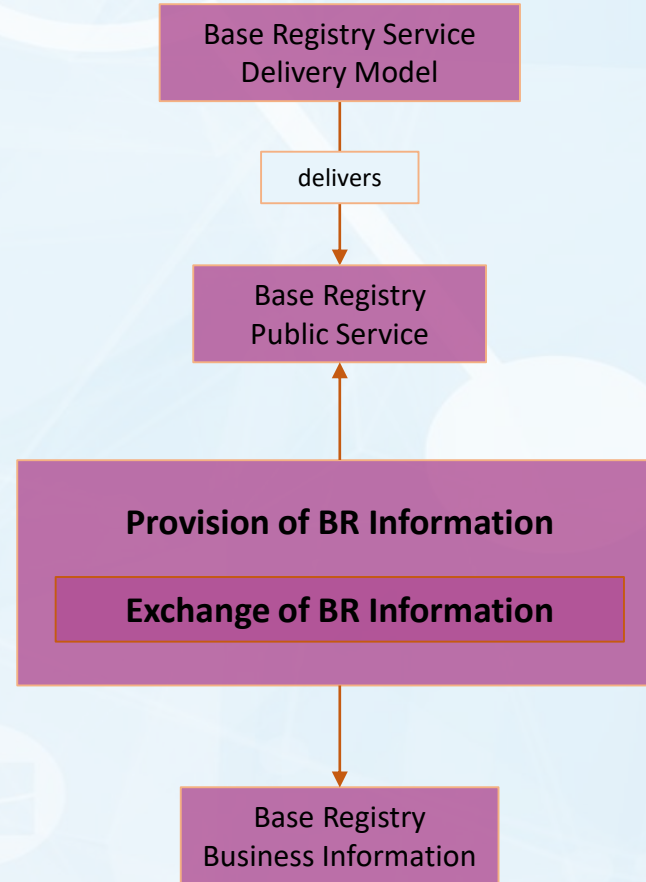
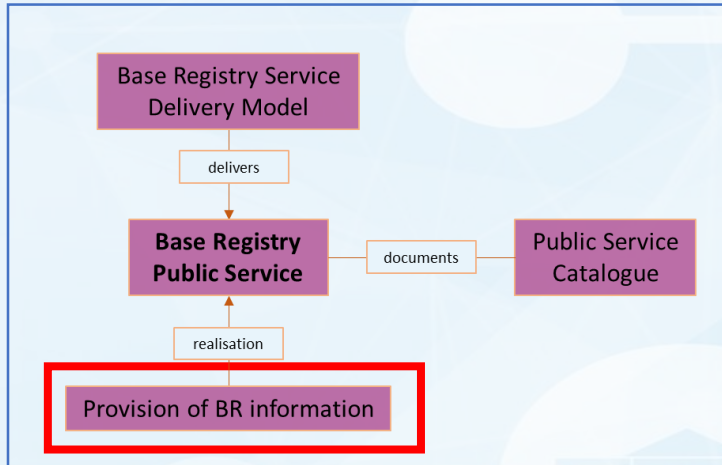
Solution Architecture Template

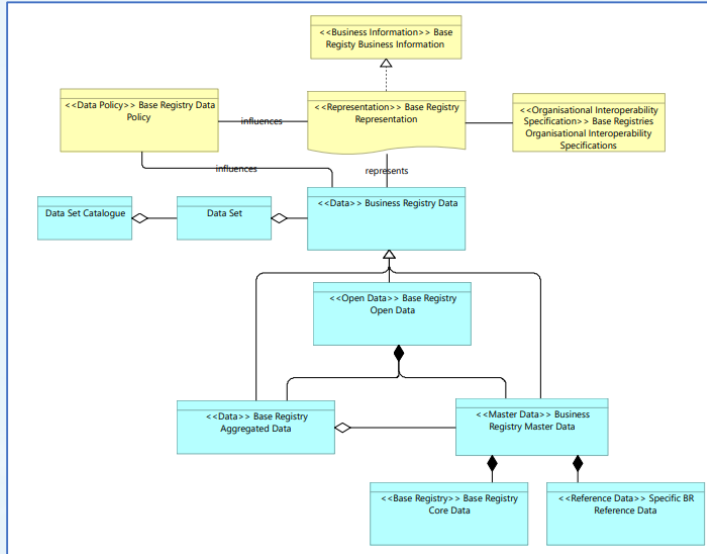


Solution Architecture Template

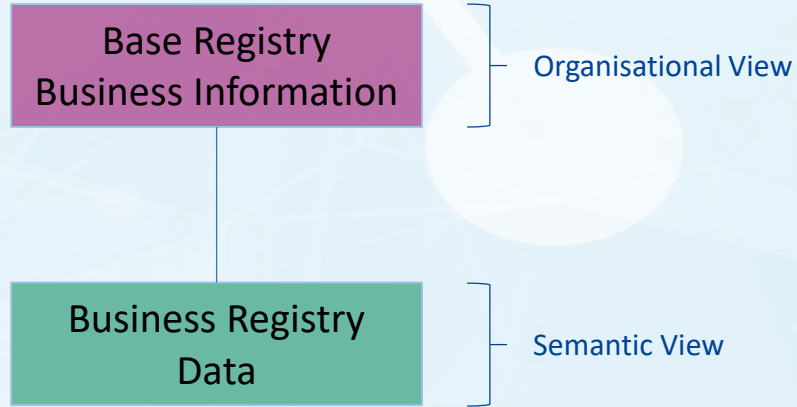


Solution Architecture Template

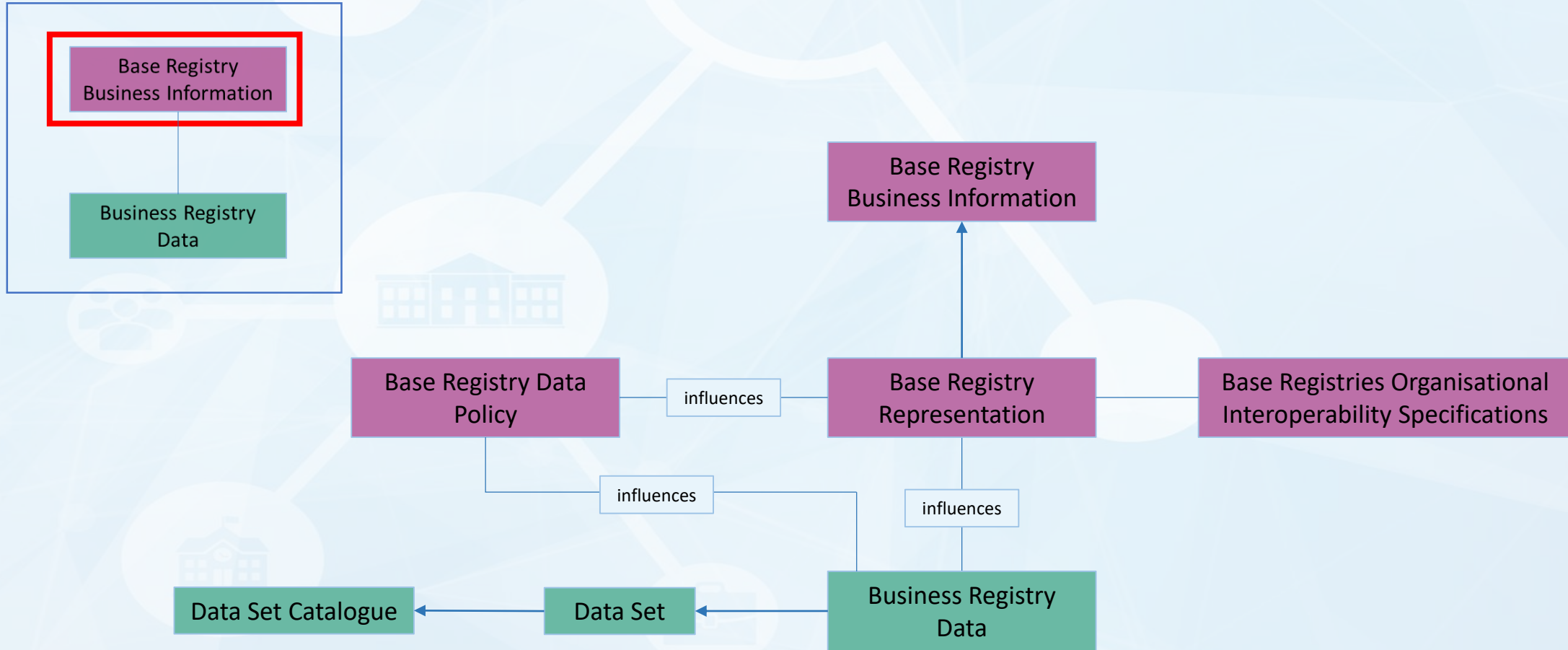




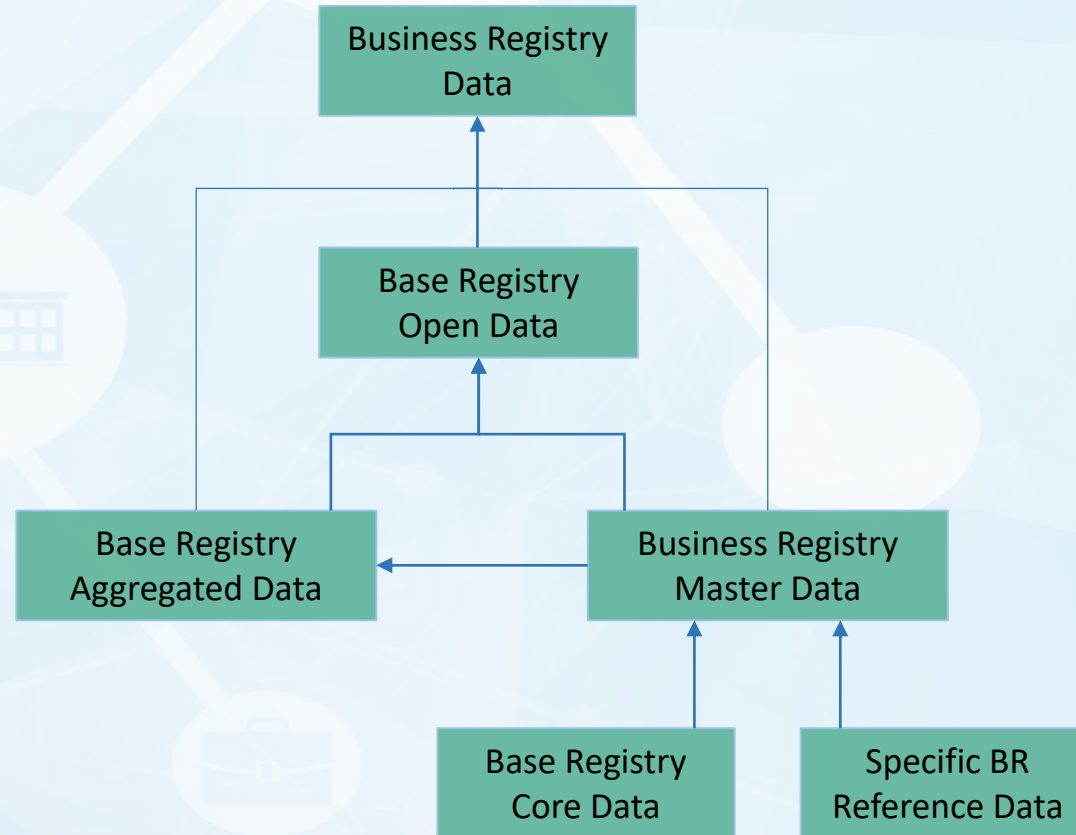
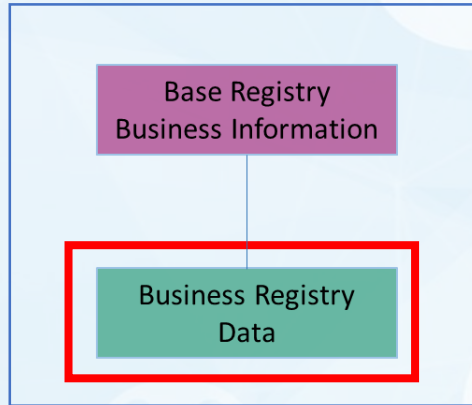
Semantic View



Solution Architecture Template



Solution Architecture Template



AGENDA



INTRODUCION TO THE ABR INITIATIVE



BR INTEROPERABILITY FRAMEWORK (EBRIF)



ABR ARTEFACTS



SOLUTION ARCHITECTURE TEMPLATE (SAT)



COMMUNITY ACTIONS



Q&A

a) Stakeholders engagement

- Present actions

b) TOOP

c) SCOOP4C

d) Future actions and next steps



Stakeholders engagement

NEW ABR JoinUp Page

<https://joinup.ec.europa.eu/collection/access-base-registries/about>

A screenshot of the "Access to Base Registries" page on the JoinUp platform. The page has a dark blue header with navigation links: "COLLECTIONS", "SOLUTIONS", and "KEEP UP TO DATE". Below the header is a large blue banner with the ABR logo and the title "Access to Base Registries". A white box on the banner displays "Last update 3 days ago" and "287 Members 34 Solutions". The main content area is light grey and features a sidebar with a menu: "Overview", "About" (highlighted), "ABR Catalogue of Solutions", "ABR Good Practices", "ABR Guidelines on interconnection", and "ABR Member States Factsheets". The main content area has the heading "About Access to Base Registries" and a sub-heading "Improving national and cross-border access to government data". The text below the sub-heading discusses the goal of providing quick and user-friendly public services to citizens and businesses by adopting customer-centric approaches and readjusting ways of working. It mentions the "once-only principle" where public administrations reuse information already provided by citizens.



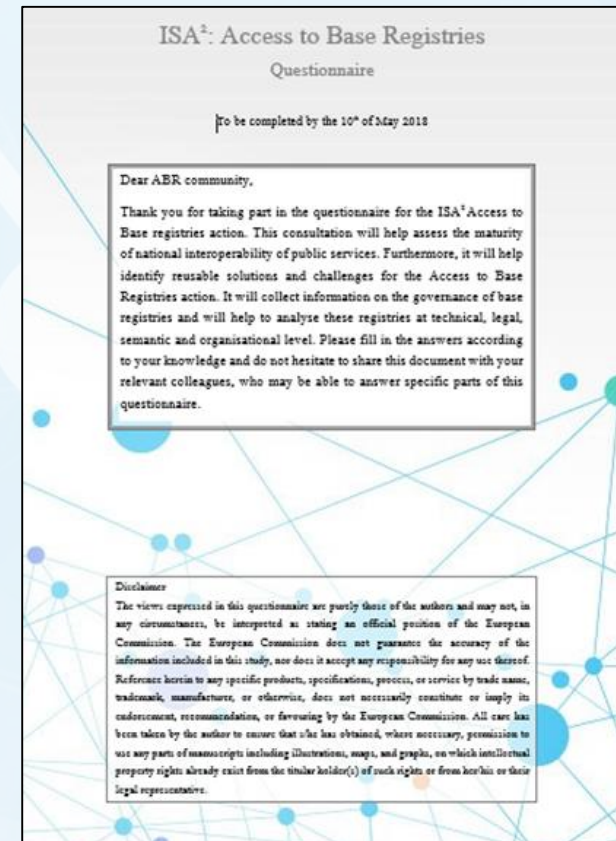
ABR Questionnaire

Base Registries Questionnaire

Available online on JoinUp and shared with registered stakeholders via email

<https://joinup.ec.europa.eu/collection/access-base-registries>

Deadline: May 20





Stakeholders engagement

Current actions

The creation of European Registry of Registries (European RR)



European Registry of Registries

Questions for discussion:

- Do you already have Registry of Registries?
- Do you think you are ready for the creation of European Registry of Registries?

[Registry of Registries working group](#)

- If you are interested in participating in the process of the creation of European Registry of Registries, please do not hesitate to get in touch with ABR team by email abr@everis.com

ABR WEBINAR ON EUROPEAN REGISTRY OF REGISTRIES

An Access to Base Registries action



Thursday, June 21st
10:30 – 12:30 CET

[Sign up now](#)

Learn more about ABR action

We are looking for technical experts to help us!

Do not hesitate to reach us if you are interested!
ABR@everis.com

A network diagram with several blue circular nodes connected by lines. One line is red, and another is light blue. The background is a light blue grid.

The Once-Only Principle Project

ABR webinar

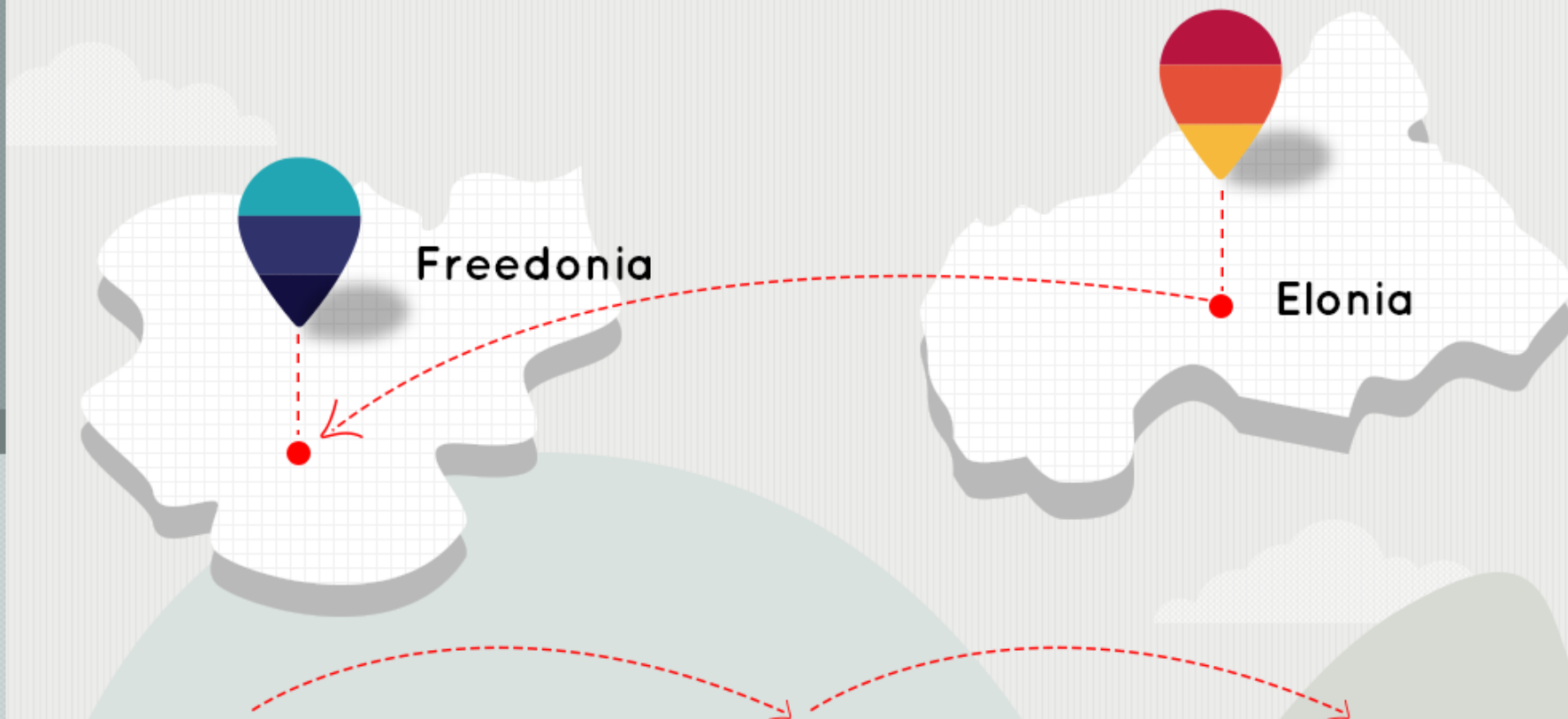
Prof. Dr. Robert Krimmer

24 April 2018



Maximillian is from Elonia, he is the CEO of Zizi Mat Ltd, an electronic equipment manufacturing business.

Zizi Mat wants to expand their trade to Freedonia, they have assigned Max to register with the WEEE environmental data base in Freedonia in compliance with EC regulations.



Presenting eID Credentials



FREEDONIA | ONLINE About | Contact | Help

Choose authentication method

Freedomia online authentication is a common identification service for public administration services. Identification is safe and easy. You choose the type of recognition you want to use.

Legal notes

Freedomia credentials or **European eID**

FREEDONIA | ONLINE About | Contact | Help

European eID

By clicking next you will be transferred to the eIDAS system to securely authenticate with this application.

Please recall, that using the eIDAS system you trustly provide us your identity attributes such as name, address, etc.

eIDAS will provide us with those attributes from the attribute providers you suggest. eIDAS will request your consent before sending us any information.

Legal notes

Begin to type your country of origin

NEXT >

ELONIA | IDENTITY PROVIDER About | Contact | Help

Login

Freedomia online requests the following information:

YOUR BASIC INFORMATION

- Personal ID
- First name
- Last name
- Date of birth

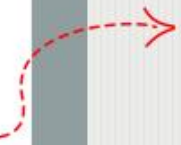
Please note that if you do not provide further information this process will be cancelled.

Username

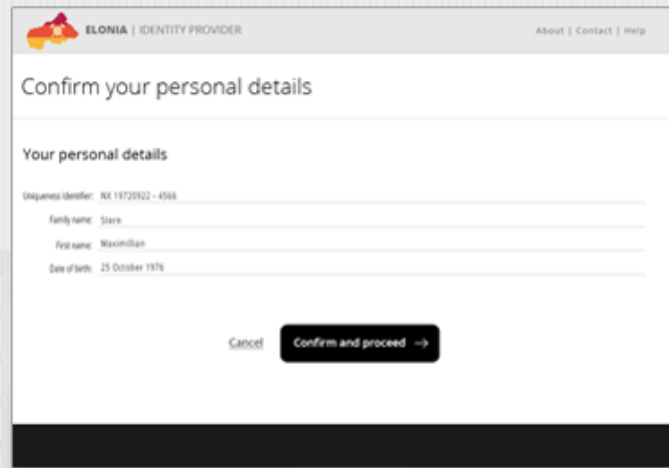
Password

IP address for subject confirmation data ⓘ

Use my identity →



Elonia eIDAS Node



ELONIA | IDENTITY PROVIDER About | Contact | Help

Confirm your personal details

Your personal details

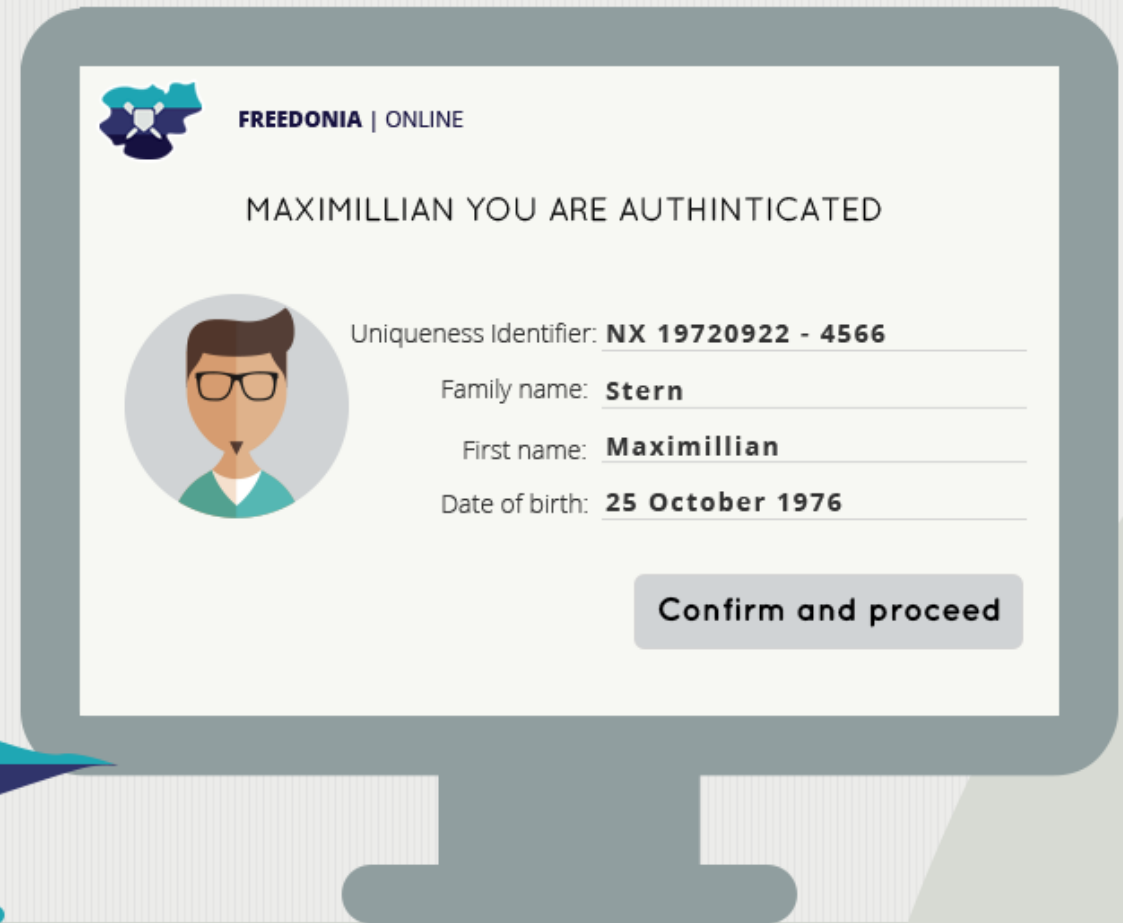
Uniqueness Identifier: NX 19720922 - 4566

Family name: Stern

First name: Maximilian

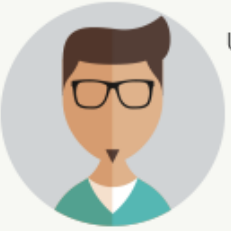
Date of birth: 25 October 1976

Maximillian's personal details are confirmed



FREEDONIA | ONLINE

MAXIMILLIAN YOU ARE AUTHENTICATED



Uniqueness Identifier: **NX 19720922 - 4566**

Family name: **Stern**

First name: **Maximillian**

Date of birth: **25 October 1976**



Once-only principle in action



Register with WEEE

FreEDONIA | ONLINE

About | Contact | Help

Your personal details

Uniqueness identifier: NX 19720922 - 4566

Family name: Stern

First name: Maximilian

Date of birth: 21

! If you are the authorised representative of a company registered in the following form, please press the "Get company info" button to automatically fill in the form.

Get company info >



Consent to retrieve information

FreEDONIA | ONLINE

About | Contact | Help

Which data will be requested

This is will be some kind of legal text, please provide.

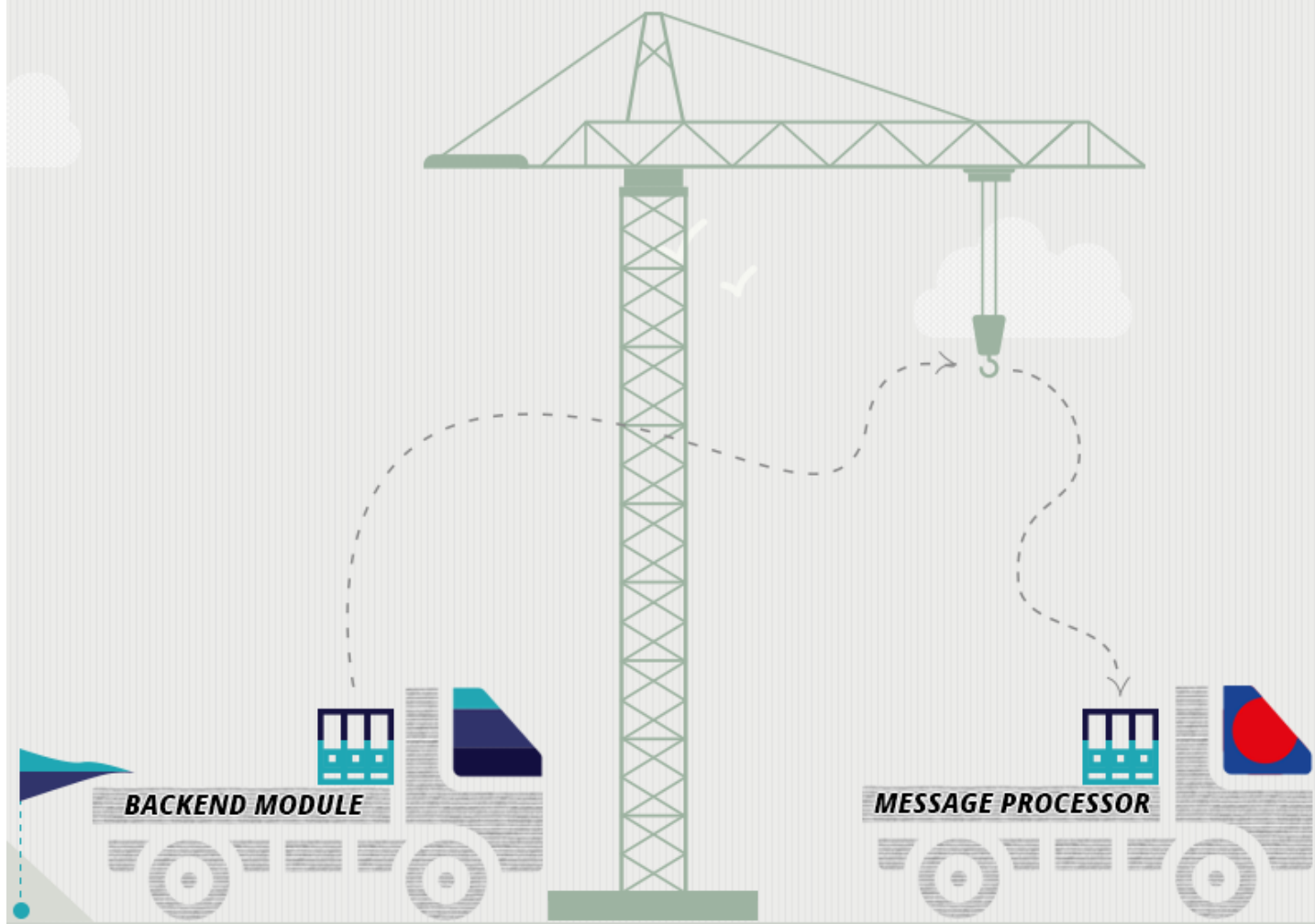
By agreeing to proceed the system will retrieve your personal information and lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Company details	Company contact information
Company name	Address
Company code	Email
Registration authority	Fax number
Company type	Telephone number
Legal status	
Legal status effective date	
Registration date	
Registration number	
Activity declaration	
Company NACE code	
VAT number	
SS Number	

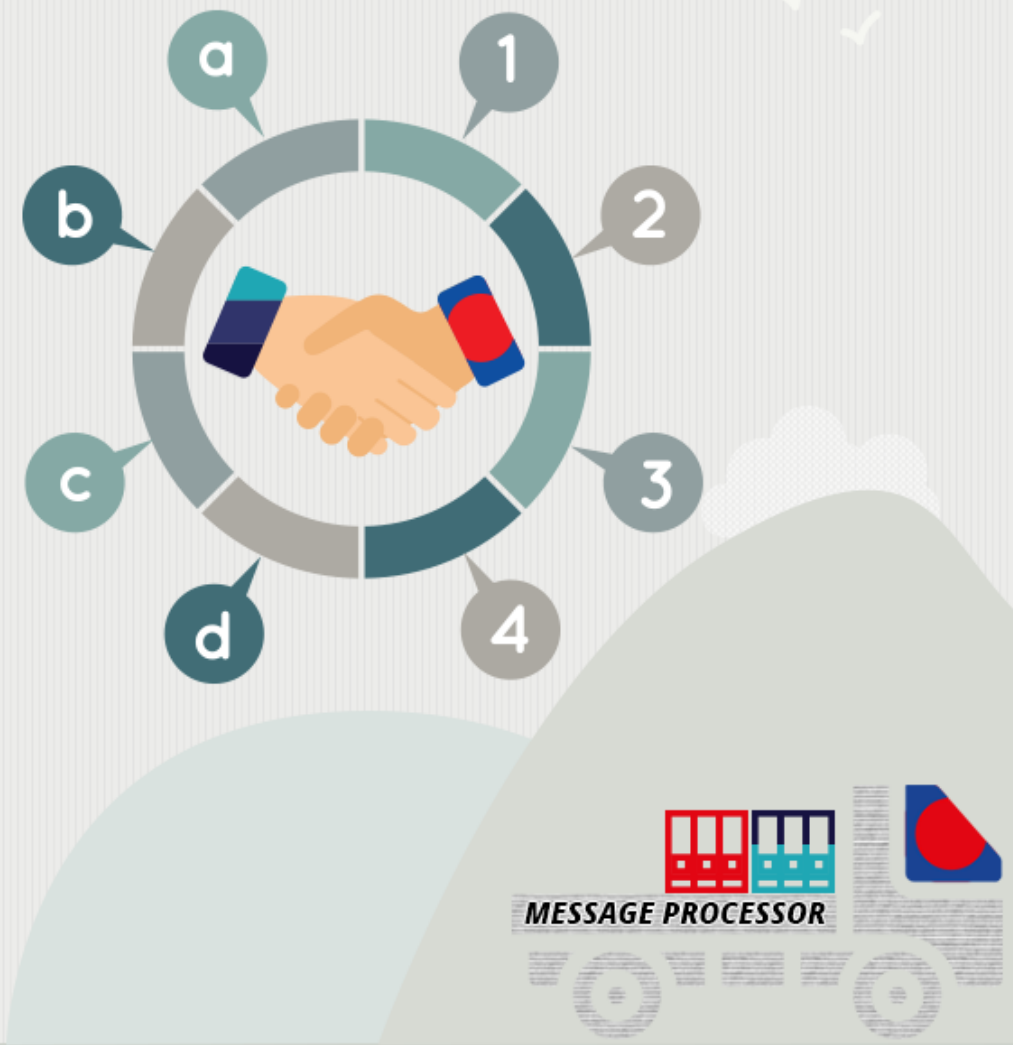
Edon't agree I AGREE >



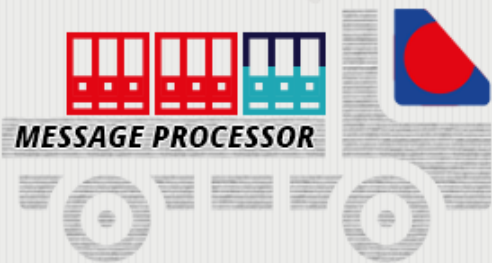
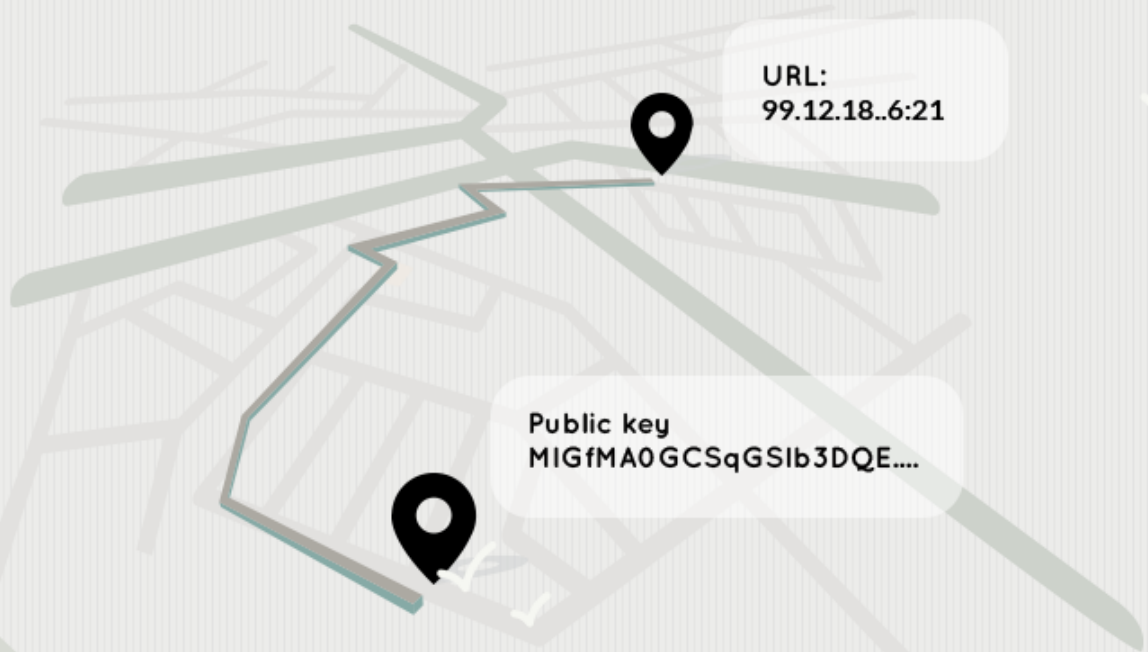
Freedonia's TOOP Interface



Semantic Mapping



Data Discovery and TOOP Message Composition

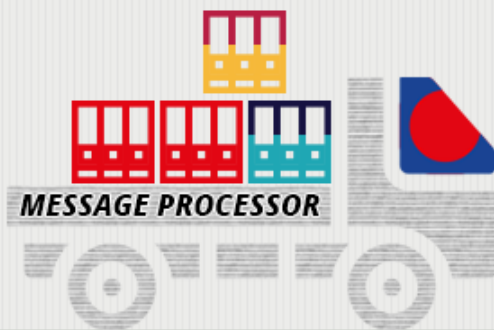
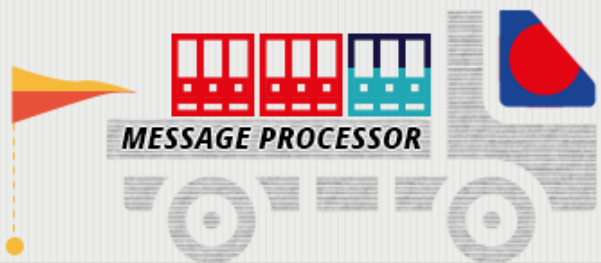


Freedonia's AS4 Gateway



Elonia's AS4 Gateway

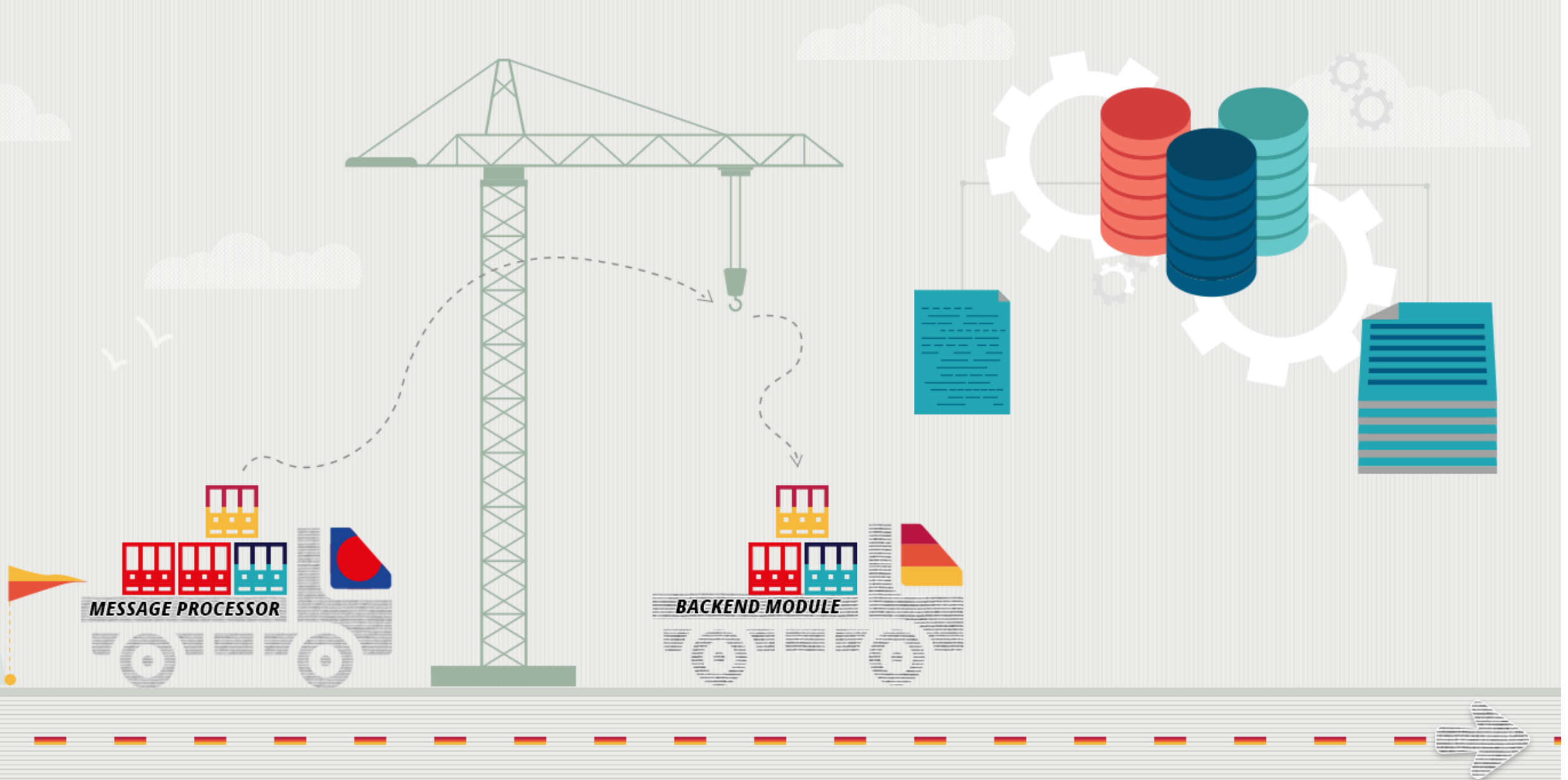
Semantic Mapping



Elonia's TOOP Interface



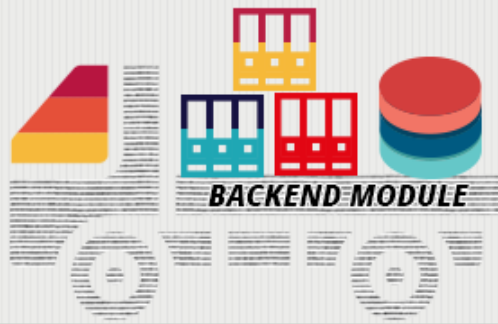
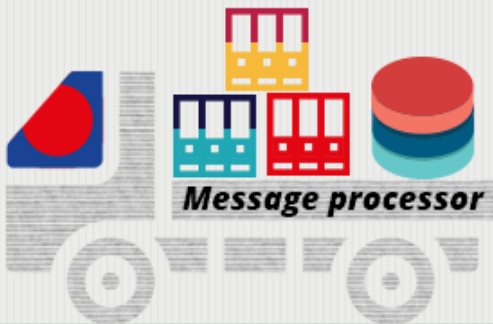
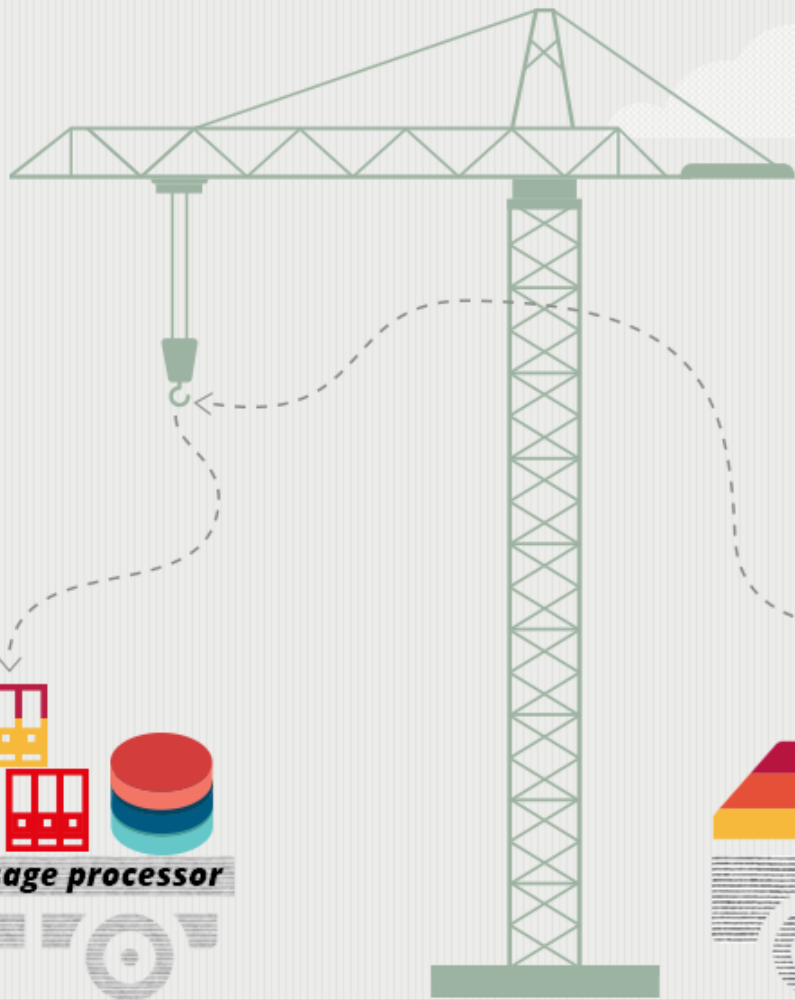
Elonia's Business register



Elonia's TOOP Interface



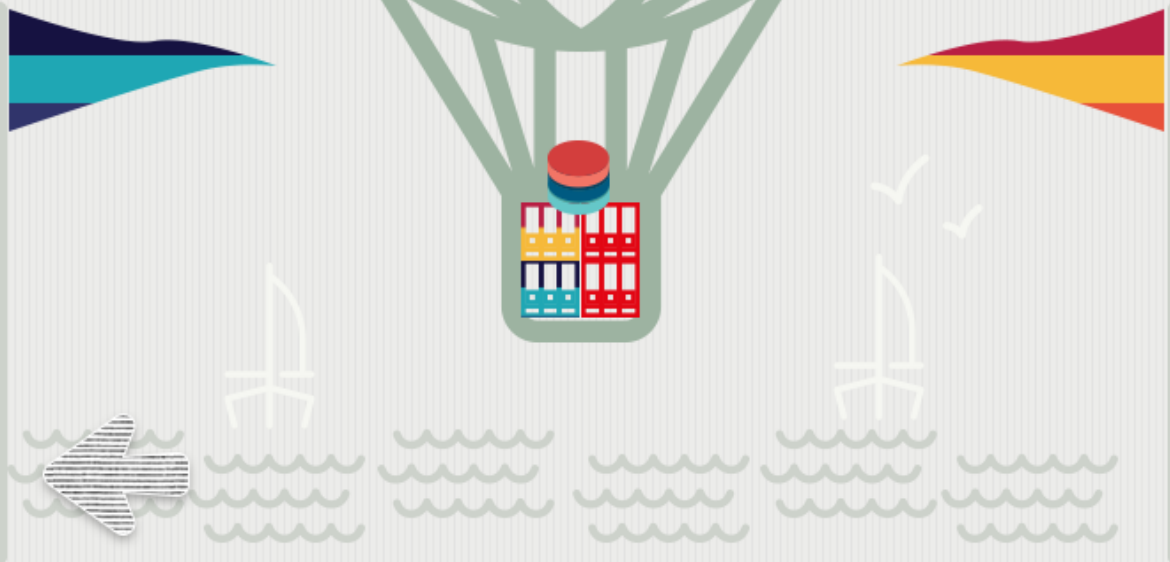
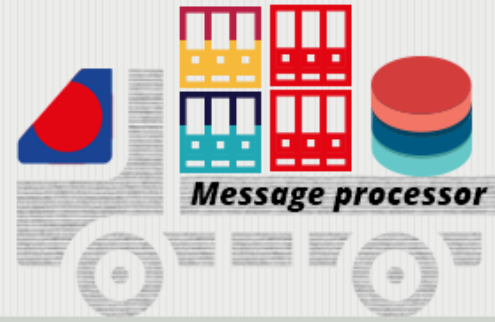
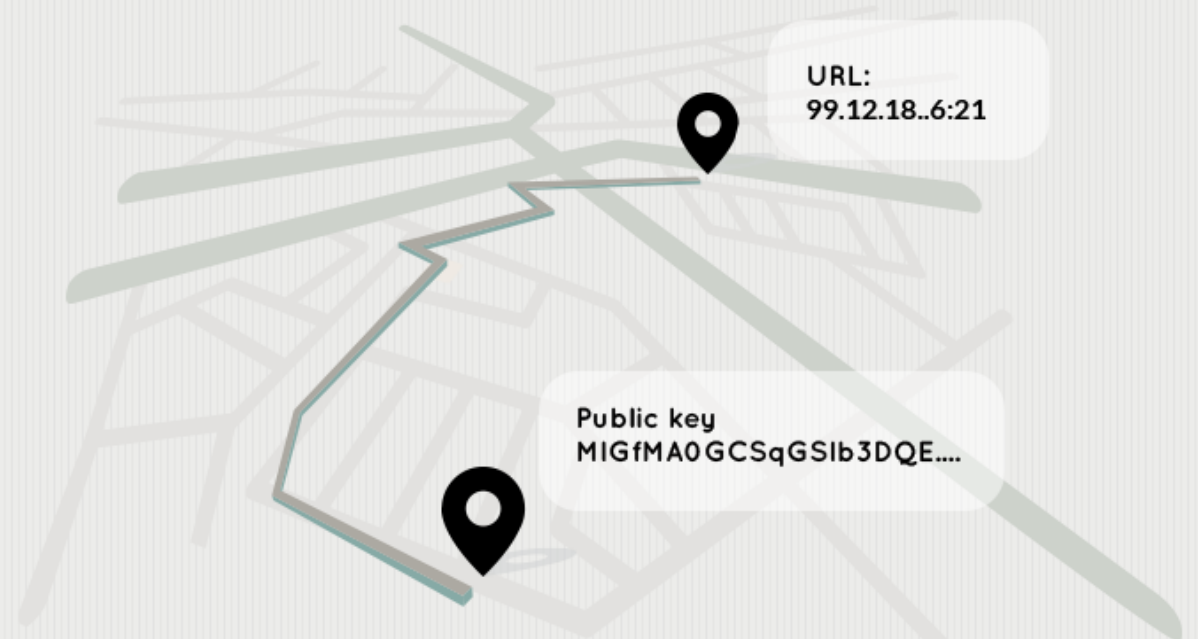
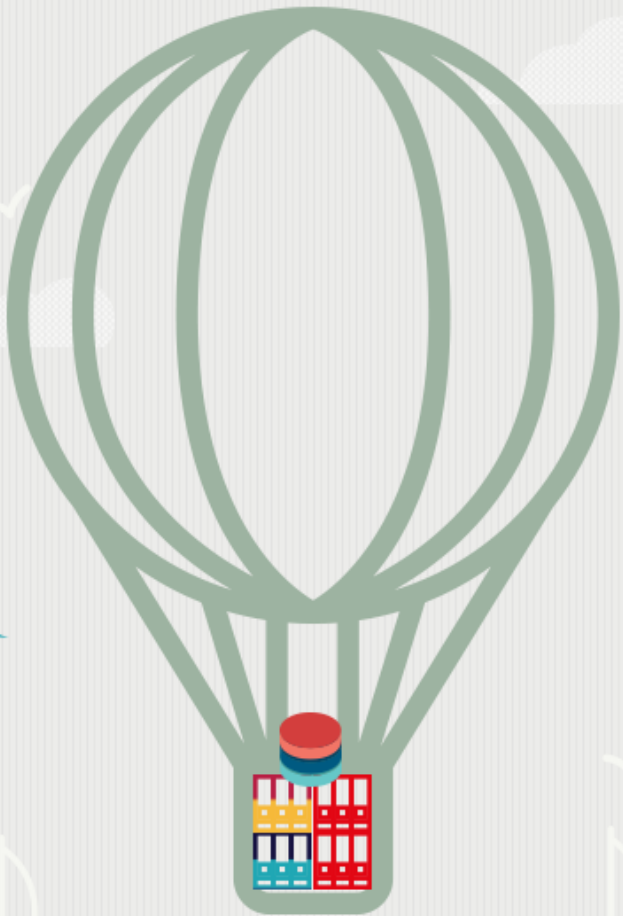
Elonia's Business register



Fredonia's AS4 Gateway

Elonia's AS4 Gateway

Data discovery and TOOP message composition



Preview of retrieved information

FREEDONIA | ONLINE About | Contact | Help

Register with WEEE

! Eltonia has verified that you are a legal representative of the company with the data below. Please preview and confirm that we can use this information in order to register with WEEE in Freedonia.

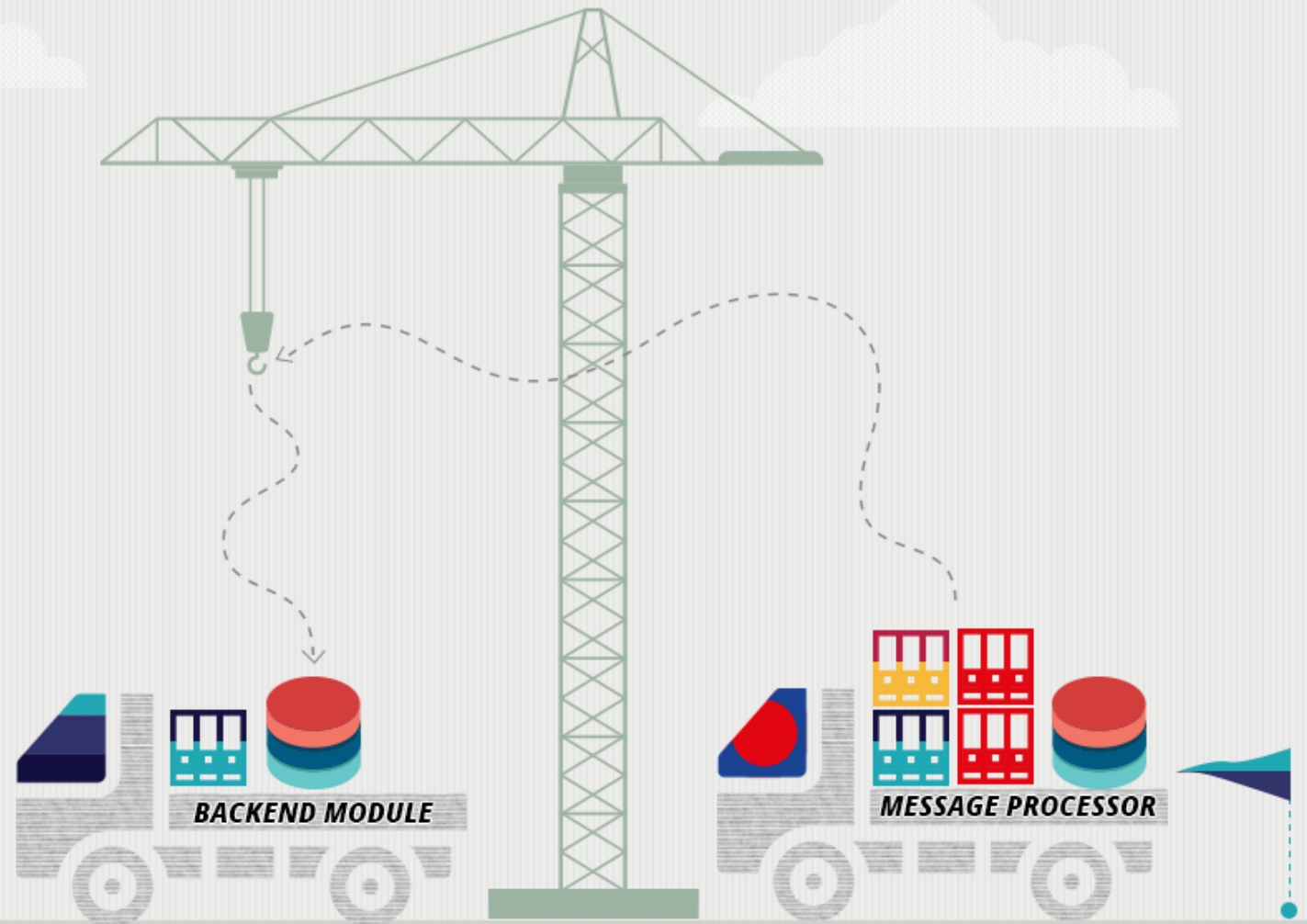
No, don't use my data
 Yes, you can use my data

Company details

Company name:	Zizi mat
Company code:	JF 234556-6213
Registration authority:	Eltonia Tax Agency
Company type:	Limited
Legal status:	Active
Legal status effective date:	12 January 2012
Registration date:	12 January 2012
Registration number:	009987 665543
Capital:	220.000 EEK
Activity declaration:	Manufacture of other electrical equipment
Company NACE code:	C27.9
VAT number:	09897656
SS Number:	PKL 0987 6548

Company contact information

Freedonia's TOOP Interface



Additional information

Register with WEEE

The following additional information is required

Waste disposal process:

Hazardous materials:

Exemptions:

Producer Compliance Scheme:

PROCEED >

Submit completed form

Register with WEEE

! Review your information before submitting!
Please make sure that the information you have added below and the information retrieved by the system are correct.

PROCEED >

Your personal details

Uniqueness Identifier:

Family name:

First name:

Date of birth:

Additional information

Waste disposal process:

Hazardous materials:

Exemptions:

Producer Compliance Scheme:

Company details

Company name:

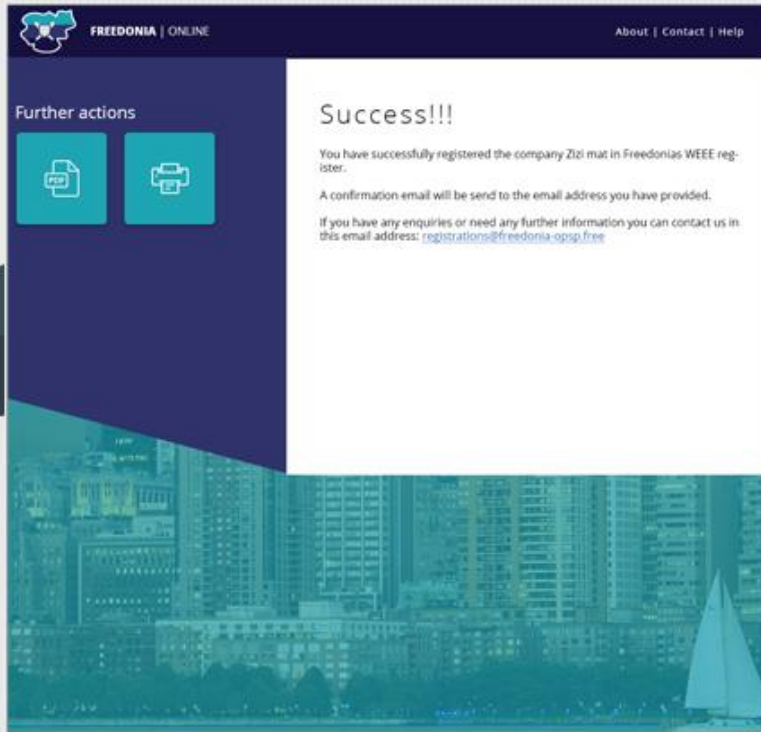
Company code:

Registration authority:

Company type:

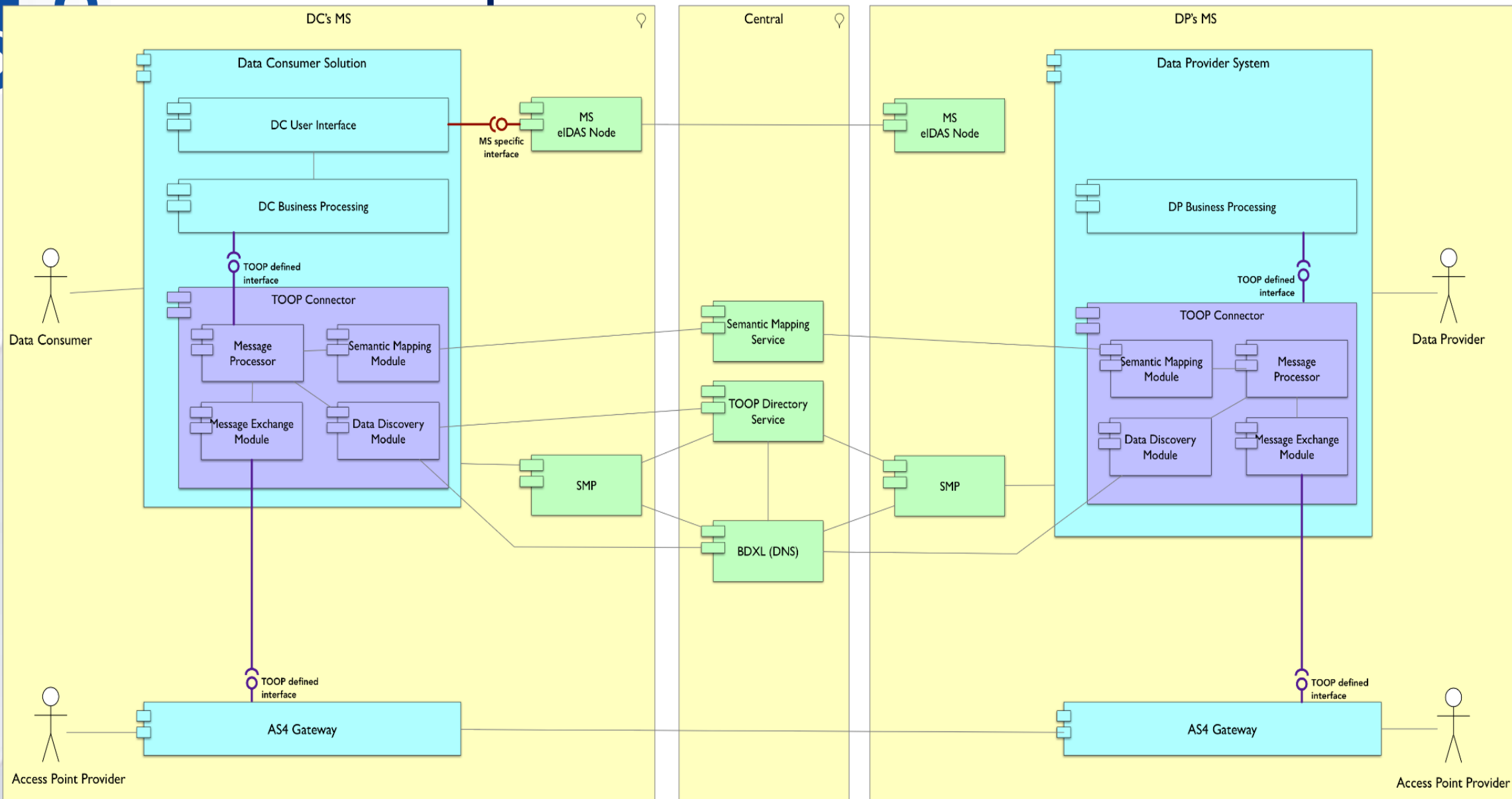


Job done!





Component Architecture



The background of the slide is a light blue grid with a perspective effect. A network diagram is overlaid on the grid, consisting of several blue circular nodes connected by lines. One line is red, while the others are blue. The text 'The Once-Only Principle Project' is centered over the network.

The Once-Only Principle Project

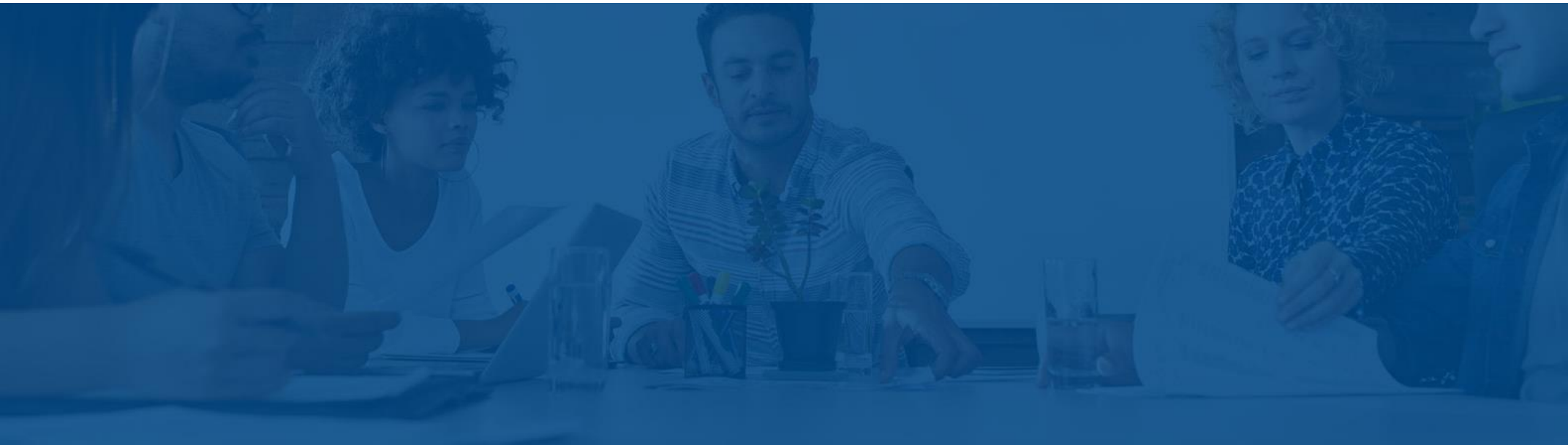
Thank you! Questions?
robert.krimmer@ttu.ee



Stakeholder Community for Once-only Principle for Citizens- SCOOP4C

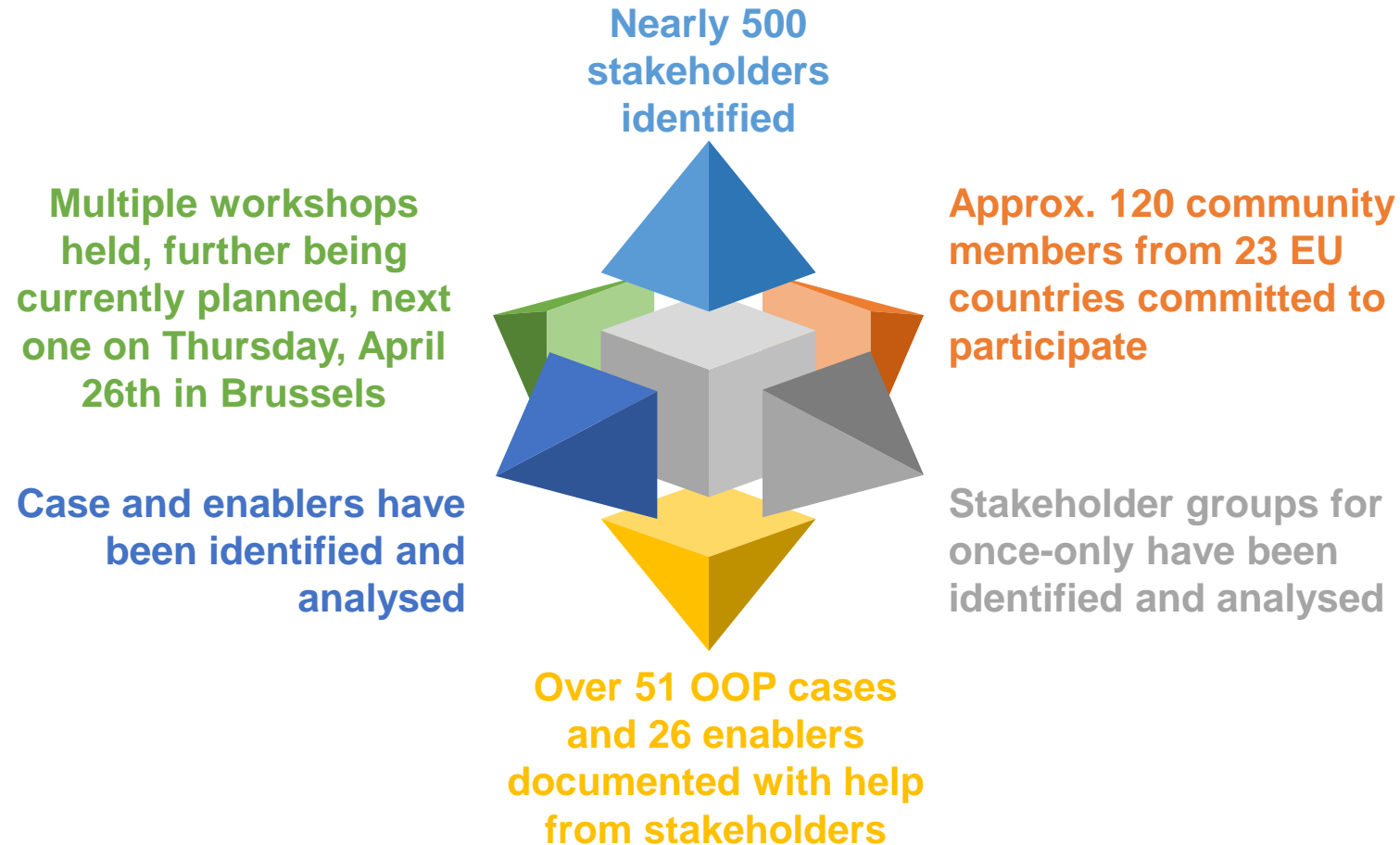
Current project status

Michaela Führer,]init[AG
Berlin, 24th April 2018



SCOOP4C Stakeholder Community

Current Status



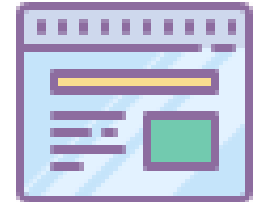
Workshop in Brussels

Transparent Citizen by Default?

- **Date:** 26th April 2018
- **Venue:** Informatie Vlaanderen, Avenue du Port 88, 1000 Brussels, Belgium
- **Time:** 09:00-17:00 o'clock
- **Main topics:**
 - Privacy and once-only
 - European regulatory setup for once-only
 - Soft factors of the once-only principle for a roadmap of future areas of action
- **More information:**
<https://www.scoop4c.eu/events/scoop4c-privacy-workshop-april-26th-brussels-belgium>



Overview of OOP cases studied (N = 51)



Health

Education

Taxation

**Social
Protection**

**Demography &
Population**

Other

e.g. Austrian
Electronic
Health Records
(ELGA)

e.g. Dutch
Studielink

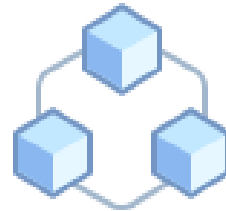
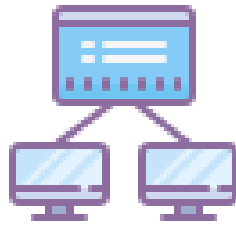
e.g. UK Making
Tax Digital

e.g. Estonian
Child Benefit

e.g. Hellenic
Citizens Registry

e.g. Irish
Government
Portal

Overview of OOP enablers studied (N = 26)



Secure Data Exchange

e.g. Belgian
MAGDA

eID and Trust Services

e.g. Greek
Public Key
Infrastructure

Network Infrastructure

e.g. Austrian
Plattform
Network
(Portalverbund)

Interoperability Governance

e.g. Spanish
Network Red
SARA

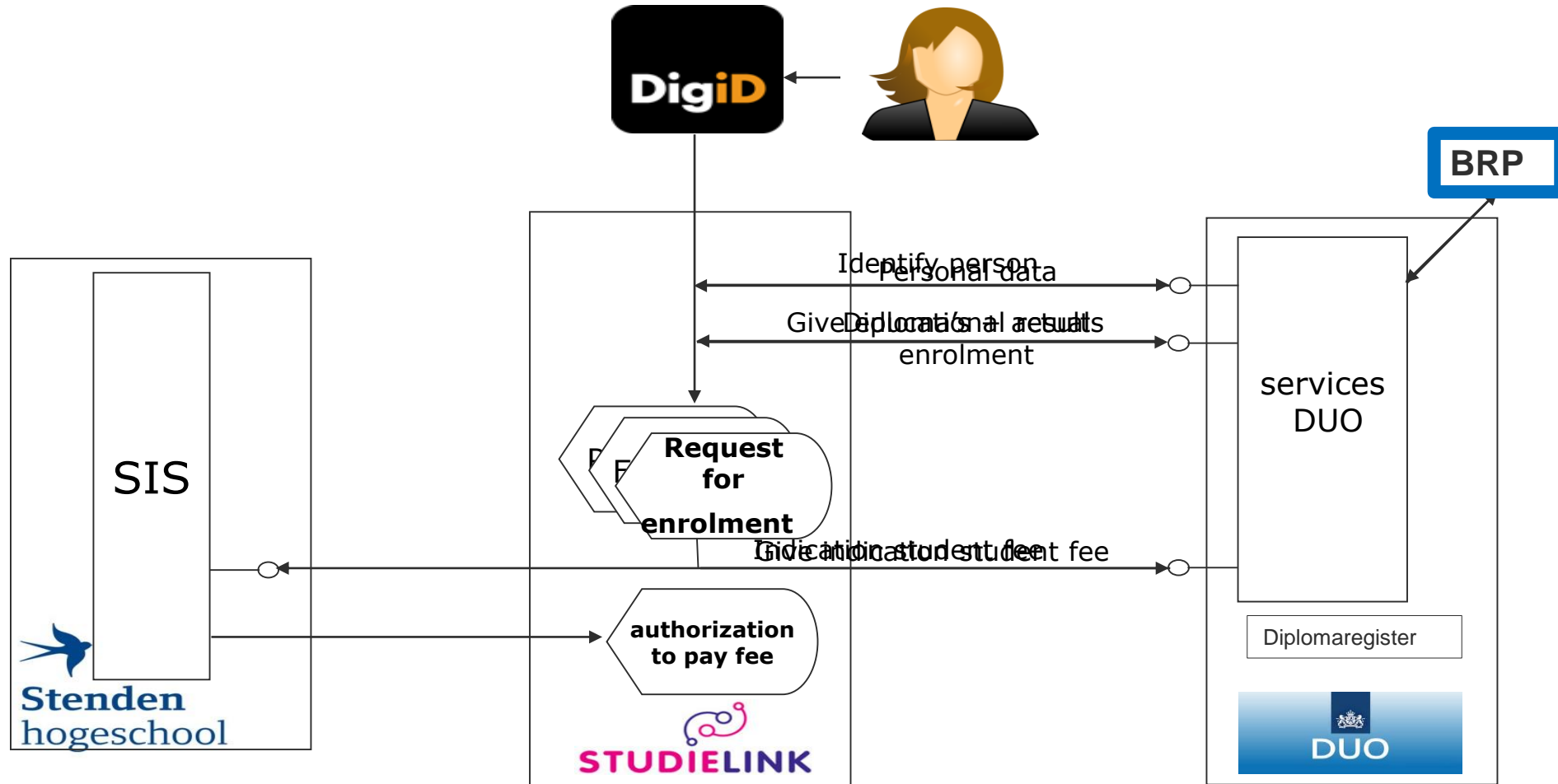
Interoperability Assets

e.g. German X-
Ausländer

Catalogue

Estonian
Catalogue of
Public Sector
Information

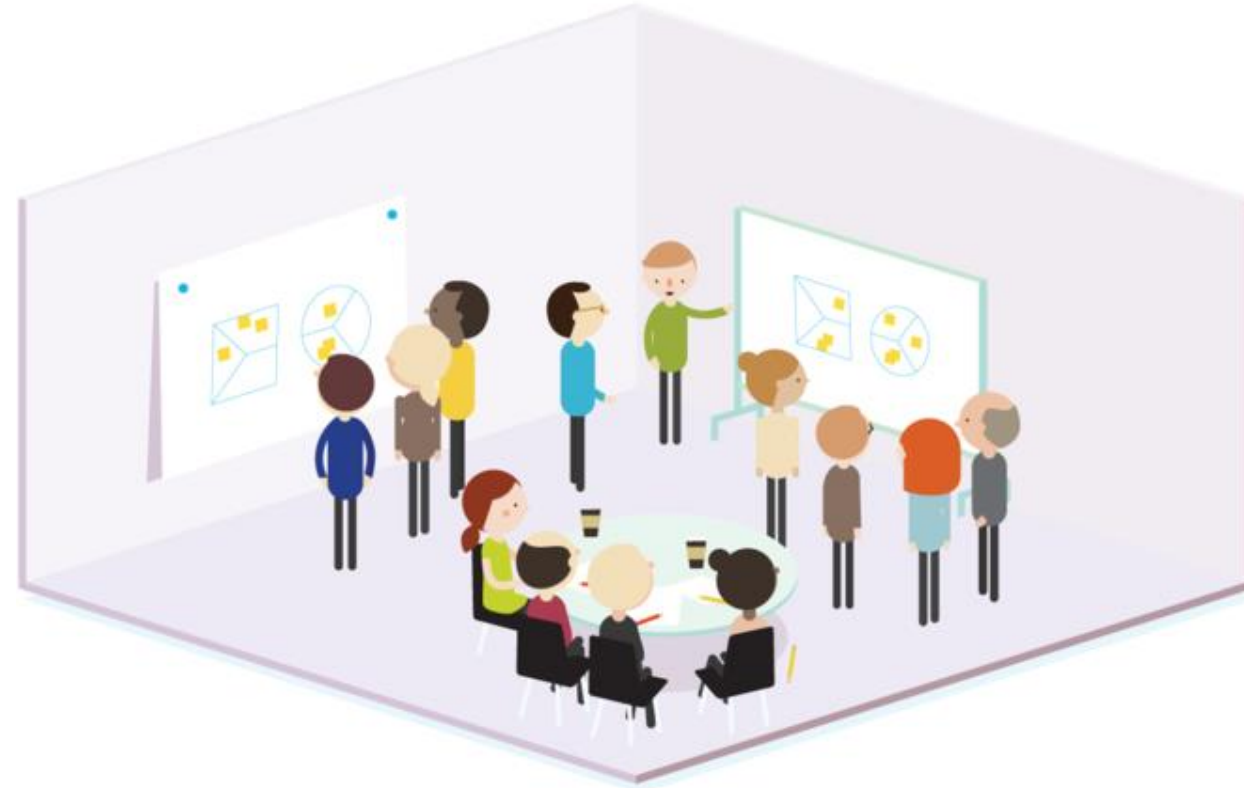
Best-practice in the education sector: Studielink



Identification and mapping of stakeholders

Types of stakeholders involved in OOP

- **Individuals and businesses**
 - ❖ Data recorders
 - ❖ Data subjects
 - ❖ Monitoring / controlling own data and data usage
- **Service providers**
 - ❖ Data recipients
 - ❖ Data providers
 - ❖ Data consumers
- **Registries & Databases**
 - ❖ Database owners
 - ❖ Data aggregator
- **Control and Monitoring**
 - ❖ Data controller
 - ❖ Data supervisor
- **Other parts of society** (e.g. policy makers, NGO's, special interest groups)

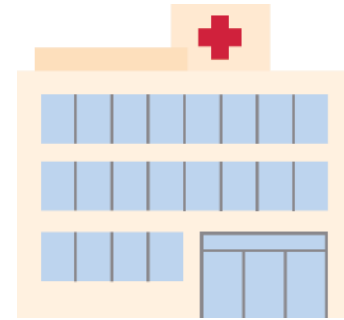


OOP stakeholder types and roles

Service providers (public and/or private)



- Public bodies providing
 - ❖ Citizenship services
 - ❖ Social insurance and benefits
 - ❖ Taxation, finance, customs
 - ❖ Healthcare services
 - ❖ Transportation services
 - ❖ Education institutions / networks
 - ❖ (Un)employment services
 - ❖ Reinforcement & protection services
 - ❖ Land & construction services
 - ❖ Legal services
 - ❖ Other governmental services



- Other public / private organisations
 - ❖ Banks
 - ❖ Hospitals, healthcare providers
 - ❖ Pharmacists
 - ❖ Universities, academics
 - ❖ Employers

SCOOP4C

Next steps

- Working on strategic stakeholder engagement plan and a gap analysis report of challenges, needs and benefits of once-only for citizens – will be submitted to EC by the end of April
- Project Map with all cases collected in the knowledge base + business cases will be developed
- Participation in further events, f.e. SEMIC 2018
- Own events planned, e.g. Conference on once-only in Vienna on 24th/25th September 2018
- Policy brief and roadmap of future areas of actions will be developed in the developed in the second half of the year



Thank you for your attention!

Michaela Führer



Michaela.fuehrer@init.de



www.scoop4c.eu

Join the discussion

on social media

<https://www.facebook.com/SCOOP4C/>

<https://twitter.com/Scoop4C>

<https://www.linkedin.com/groups/13506477>

Icons: www.flaticon.com , <https://icons8.de/free-icons>





Stakeholders engagement

Future actions

Additional Community Actions

Questions for discussion:

- Additional services ABR could provide?
- Is there anything else, what is missing?

Ideas, suggestions and proposals:

- Please do not hesitate to share them with the ABR team by email abr@everis.com



Next steps



Finalise the European Base Registry Interoperability Framework (**EBRIF**) including Solution Architecture Template (**SAT**)



Start creating the European Registry of Registries



Update the Guidelines on Building Successful Interconnections of Base Registries



Webinars:

- **European Registry of Registries** (June 21st)
- **GDPR webinar** (in Autumn)

SEMIC 2018

Semantic Interoperability Conference

Linked Digital Public Administrations

14 June 2018 - Sofia, Bulgaria

#SEMIC2018
@EU_isa2

Initiative supported by the ISA² Programme

WORKSHOP ON CPSV-AP

FRIDAY, JUNE 15TH 2018

■ Sofia, Bulgaria



PRE-REGISTER NOW!

Registrations are subject to approval

<https://ec.europa.eu/eusurvey/runner/cos-workshop-semic>

ABR WEBINAR ON EUROPEAN REGISTRY OF REGISTRIES

An Access to Base Registries action



What will it be about?

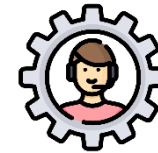
- How to describe base registries?
- Are base registries datasets or assets?
- How a system can identify that a Base registry is a Base registry? A trusted source of information?

Thursday, June 21st

10:30 – 12:30 CET

[Sign up now](#)

ABR@everis.com



Looking for experts
to join the working
group on European
Registry of
Registries

Do not hesitate to reach
us if you are interested!



Thank you for your attention

AGENDA



INTRODUCION TO THE ABR INITIATIVE



BR INTEROPERABILITY FRAMEWORK (EBRIF)



ABR ARTEFACTS



SOLUTION ARCHITECTURE TEMPLATE (SAT)



COMMUNITY ACTIONS



Q&A

- Please make sure you have muted your microphones to avoid disruptive background noise
- Your questions can be asked by using the chat function. You can ask a question by 'raising your hand' in the webinar system (by clicking on the hand next to your name), then you can speak when addressed
- Please do not activate your microphone unless indicated



ISA² programme

You click, we link.

<http://ec.europa.eu/isa>

ISA@ec.europa.eu

[@EU_ISA2](https://twitter.com/EU_ISA2)

Unit B2

Directorate-General for Informatics
European Commission, Brussels 

everis Brussels

Transformation is an attitude.

<https://www.everis.com/belgium>

ABR@everis.com

Rue de spa 8
1000 Brussels, Belgium
+32 2 788 52 52

ABR Community Page

<https://joinup.ec.europa.eu/collection/access-base-registries>

Join us on JoinUp!