

7. Fachkongress des IT-Planungsrats am 12./13. März 2019 in Lübeck



## The Once-Only Principle Project (TOOP)

Referenten:

Ansgar Mondorf, Universität Koblenz-Landau

Sebastian Haag, Metropolregion Rhein-Neckar GmbH

Muk © Malzahn



## Gliederung

- Das 'Once-Only' Prinzip
- Projekt: 'The Once-Only Principle' (TOOP)
- Architektur und Pilotierung in D
- Zusammenhang: SDGR – TOOP – OZG

Das Prinzip



# Handlungsbedarf



## Unternehmen

- ca. € 1.423 \* für die Registrierung der Wirtschaftstätigkeit
- Beträchtliche Personalressourcen für erforderliche Regeln und Verfahren
- vor allem kleinere Unternehmen
- Behinderung grenzüberschreitender Aktivitäten

## Öffentliche Verwaltung

- Redundante Abfragen
- Verarbeitung zusätzlicher Daten, Formulare und Dokumente
- Mögliche Inkonsistenz: Speicherung an verschiedenen Stellen



# The Once-Only Principle (OOP)

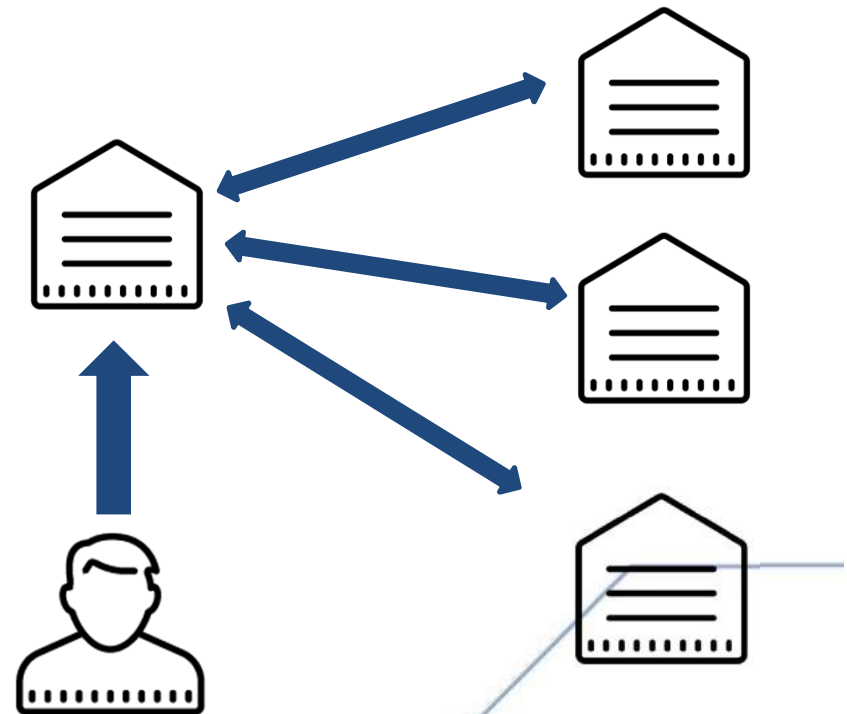


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## Einmaliges Erfassen & Speichern von Daten

- Beachtung der Datenschutzbestimmungen
  - „Herr über die eigenen Daten“
  - Umfang der Datenweitergabe autonom bestimmbar
  - Transparenz über Datenverwendung, z. B. email- oder Push-Nachricht bei behördlicher Datennutzung
- Datenabfrage aus autorisierten Quellen
- keine Pflege redundanter Datenquellen



# Das Projekt



## Projekt: 'The Once-Only Principle' (TOOP)



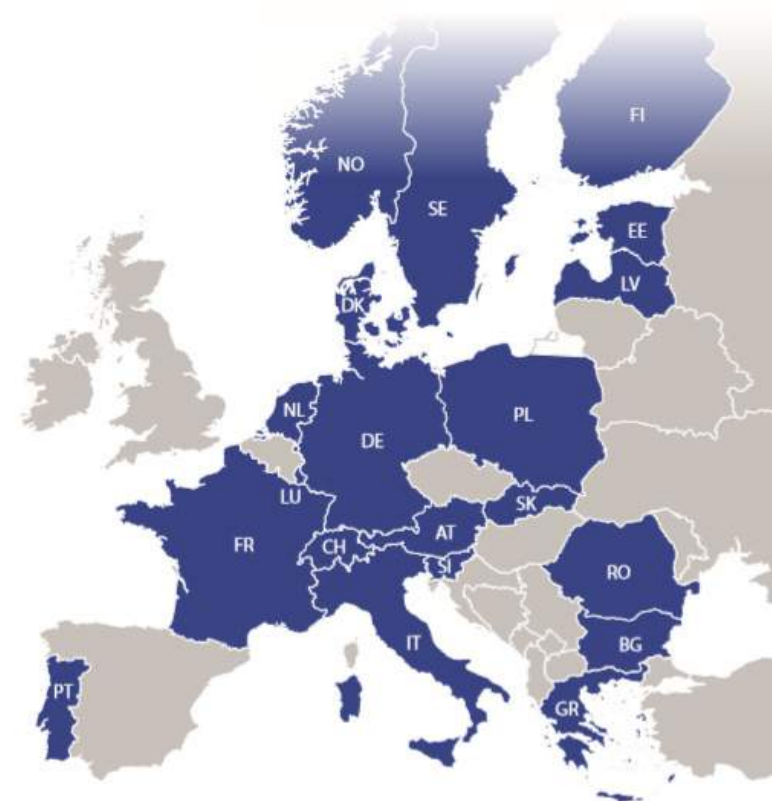
**Projektdauer:** Januar 2017 – März 2020

### **Teilnehmer:**

- 20 Konsortien aus 20 MS/ assoziierten Ländern
- insgesamt **50** Partner:
  - Öffentliche Verwaltungen
  - Universitäten
  - Unternehmen

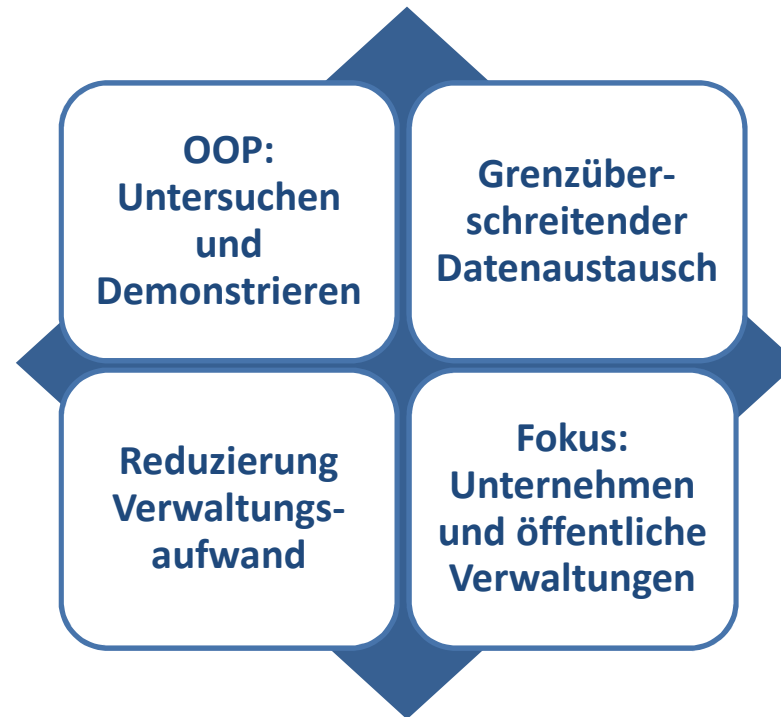
### **Koordinator:**

Tallinn University of Technology, Estland





# Anwendung des OOP





# Die Architektur



# TOOP am Beispiel der Länder Freedomia und Elonia



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**screen 1**

**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 Freedomia, they have assigned Max to register with the WEEE environmental data base in Freedomia in compliance with EC regulations.

**WELCOME TO FREEDONIA ONLINE**

**CITIZEN SERVICES**

- Register and change citizenship

**BUSINESS SERVICES**

- Starting a business
  - Register and change citizenship
- Running a business
  - Transfer and license
  - Staff and business
  - Service certificates
  - Professional qualifications
  - Trade license and permits
- Closing a business
  - Change of ownership
  - Company profile
  - Moving to foreign country
  - Professional qualifications
  - Strong business continuity

**TRADE LICENSES AND REGISTRATIONS**

**Trade Licenses**

- Individual company license
- Apply for license for trade licenses
- Trade license requirements
- Management

**Registrations**

- Apply for license for trade licenses
- Apply for license
- Apply for license

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# Verbindung zum eIDAS Knoten in Elonia

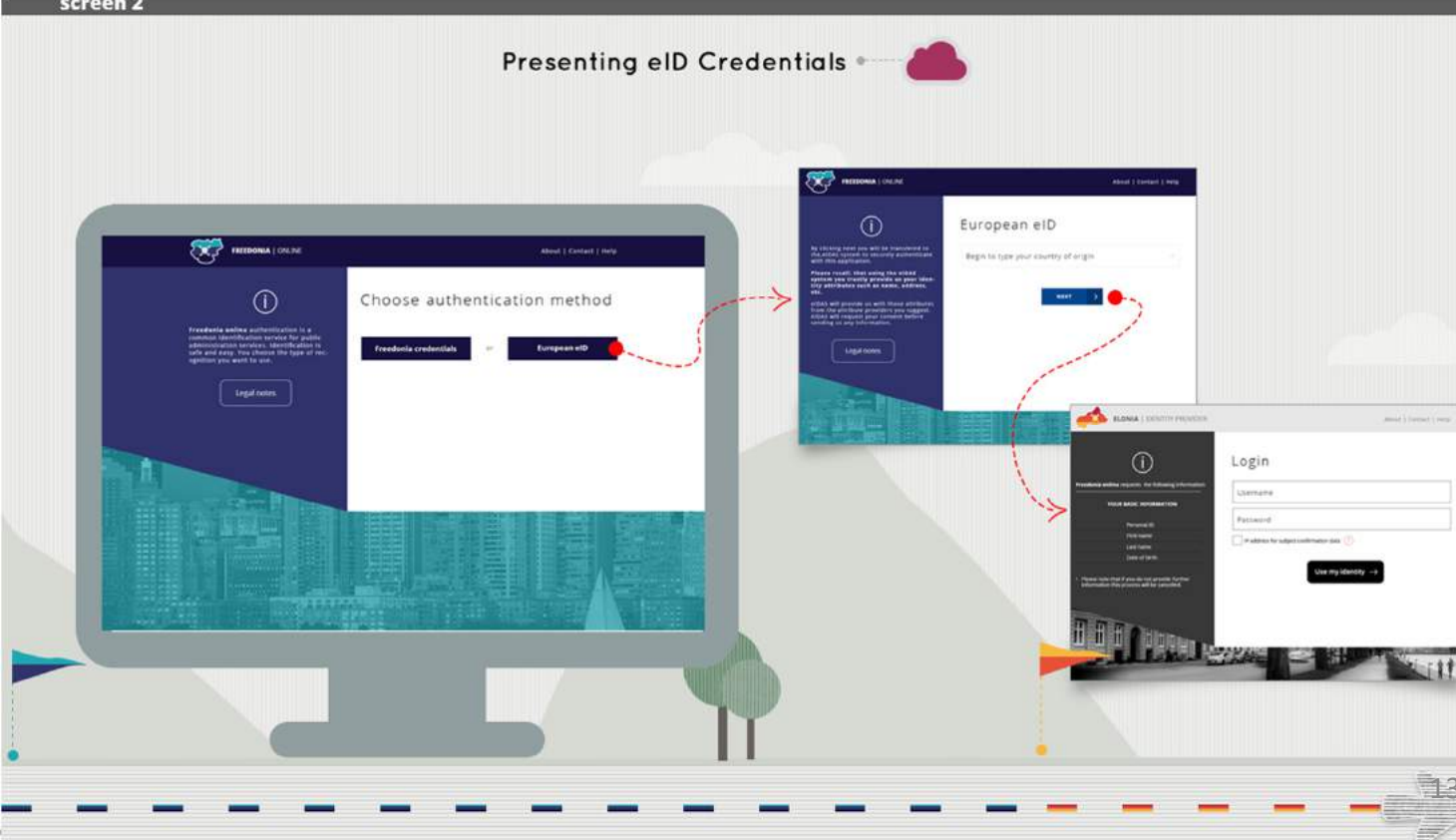


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screen 2

Presenting eID Credentials 



The diagram illustrates the process of presenting eID credentials. It features three main components:

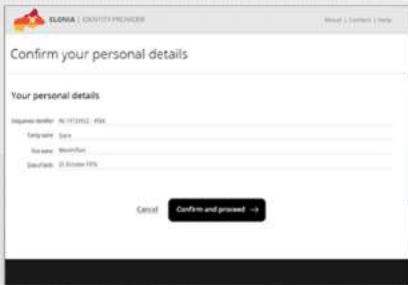
- Choose authentication method:** A screen where users select between "FreeDania credentials" and "European eID". A red dot on "European eID" is connected by a dashed red arrow to the "European eID" screen.
- European eID:** A screen with a "Begin to type your country of origin" field and a "next" button. A red dot on the "next" button is connected by a dashed red arrow to the "Login" screen.
- Login:** A screen with fields for "Username" and "Password", and a "Use my identity" button.

Red dashed arrows indicate the flow of the process from the authentication method selection to the European eID screen, and then to the login screen. A yellow arrow points to the bottom right corner of the diagram area.

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screen 3

Elonia eIDAS Node



Confirm your personal details

Your personal details

Uniqueness Identifier: NX 19720922 - 4566

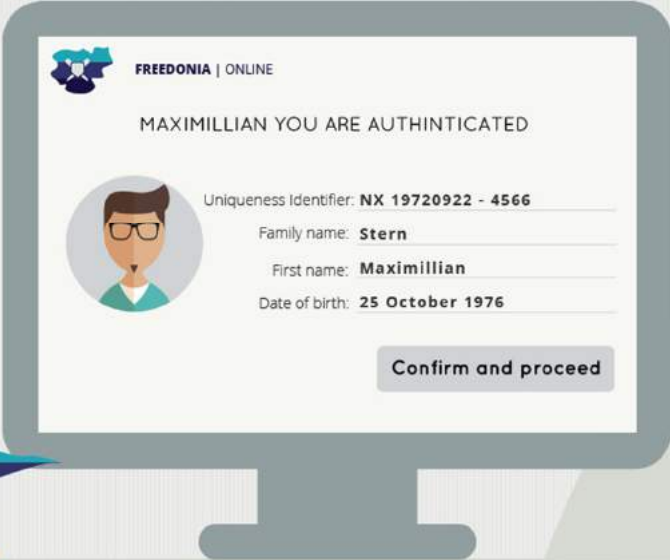
Family name: Stern

First name: Maximilian

Date of birth: 25 October 1976

Confirm and proceed →

Maximillian's personal details are confirmed



FREEDONIA | ONLINE

MAXIMILLIAN YOU ARE AUTHENTICATED

Uniqueness Identifier: **NX 19720922 - 4566**

Family name: **Stern**

First name: **Maximilian**


Date of birth: **25 October 1976**

Confirm and proceed

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# Einholung des Konsent zum Datenabruf

screen 4

Once-only principle in action 

Consent to retrieve information

Register with WEEE

Your personal details

Company identification: **NS 18723932 - 6936**

Company name: **Beck**

Registration authority: **BE**

Company type: **SA**

Legal status effective date: **15/01/2015**

Registration date: **15/01/2015**


Activity description: **SA**

Company TRACE code: **SA**

VAT number: **SA**

Phone number: **SA**

Get company info



Which data will be requested

This is all for some kind of legal and privacy reasons.

By registering to use the system we will receive your personal information and we will request data on your company's activities. We will do this through the use of the system. We will do this through the use of the system. We will do this through the use of the system.

Company details	Company contact information
Company name	Address
Company code	Street
Registration authority	Zip number
Company type	Telephone number
Legal status	
Legal status effective date	
Registration date	
Registration number	
Activity description	
Company TRACE code	
VAT number	
Phone number	

SEND DATA    REQUEST

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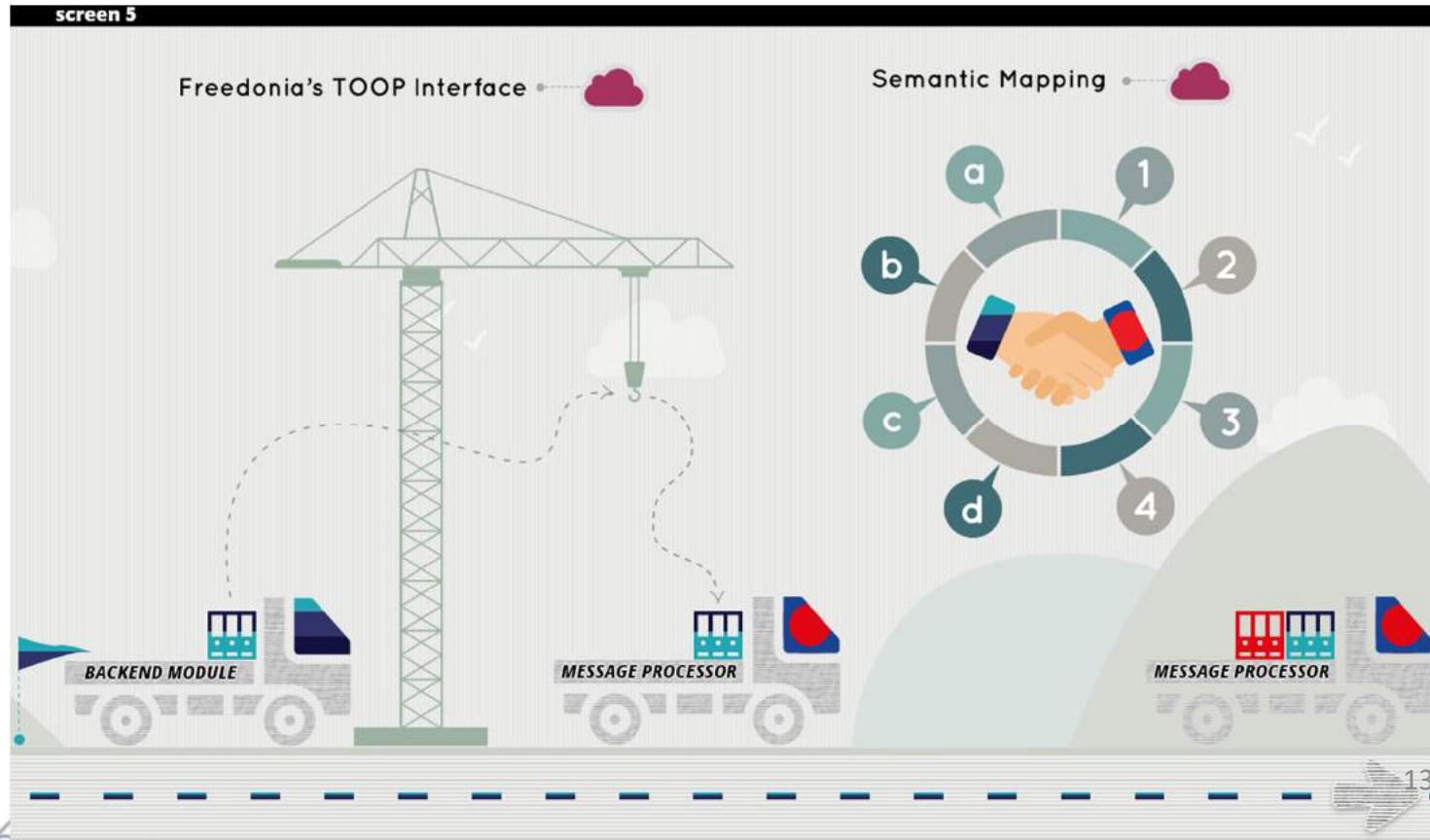


# Semantisches Mapping von Freedomia Konzepten



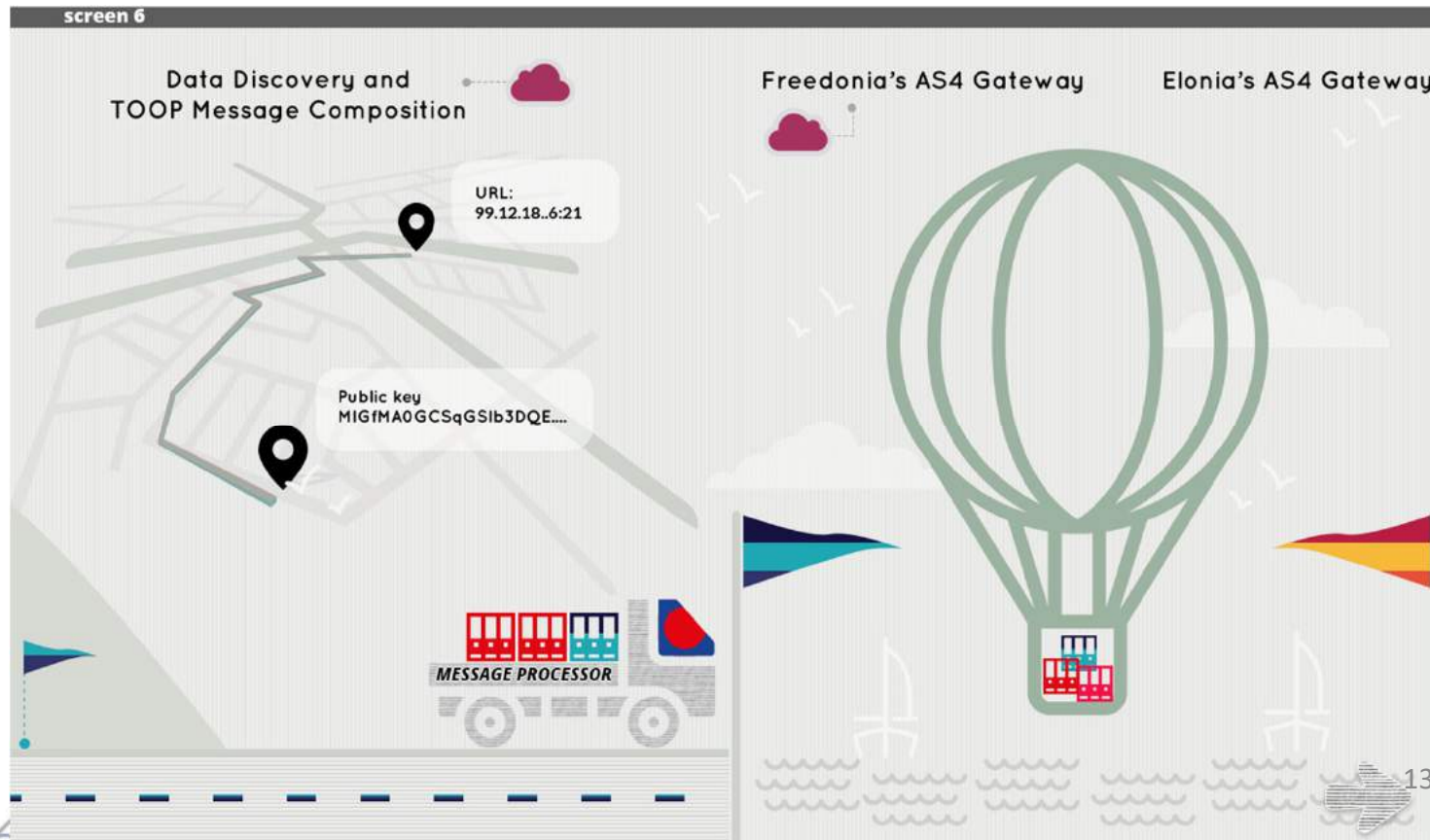
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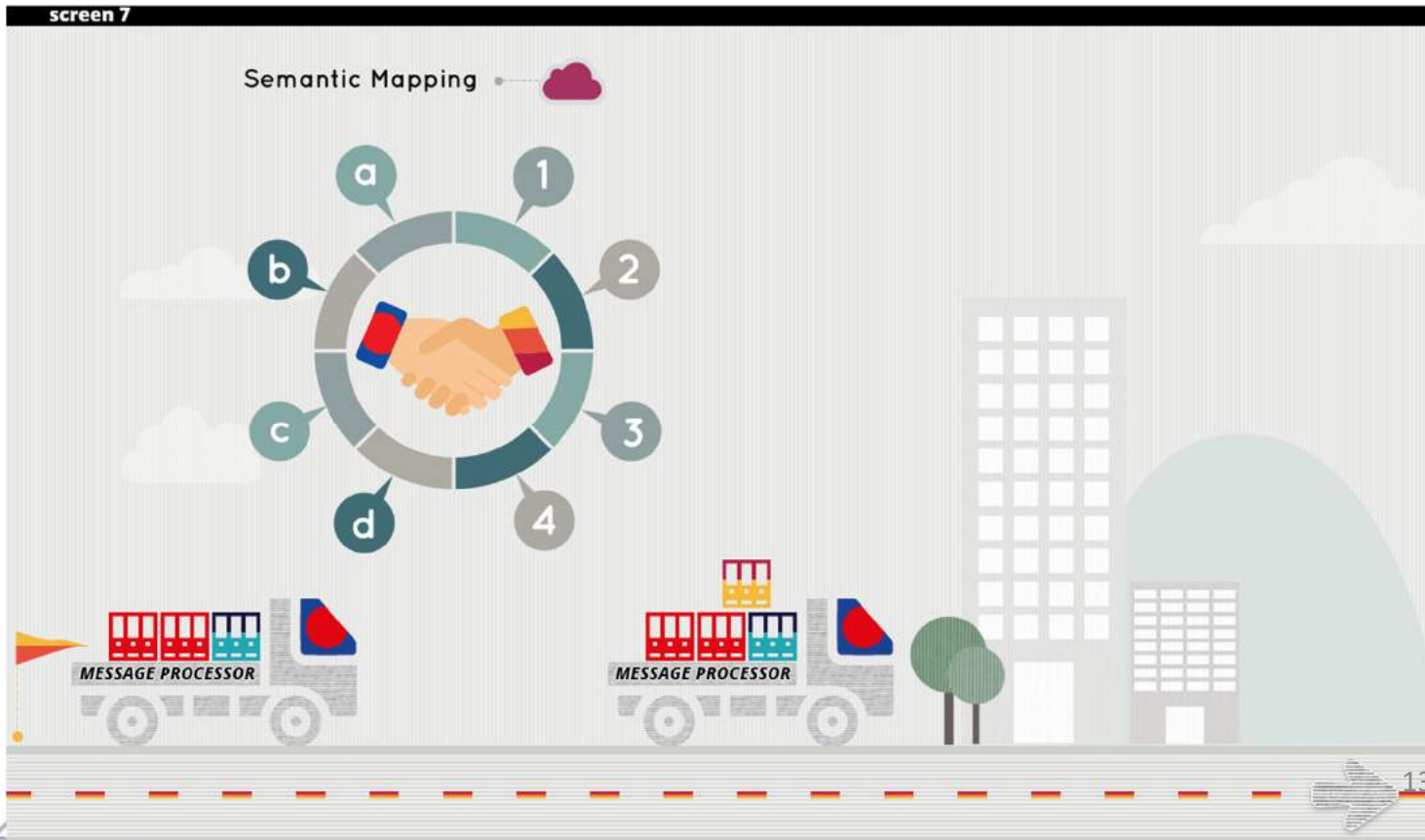




# Versand und Erhalt der Anfrage über eDelivery



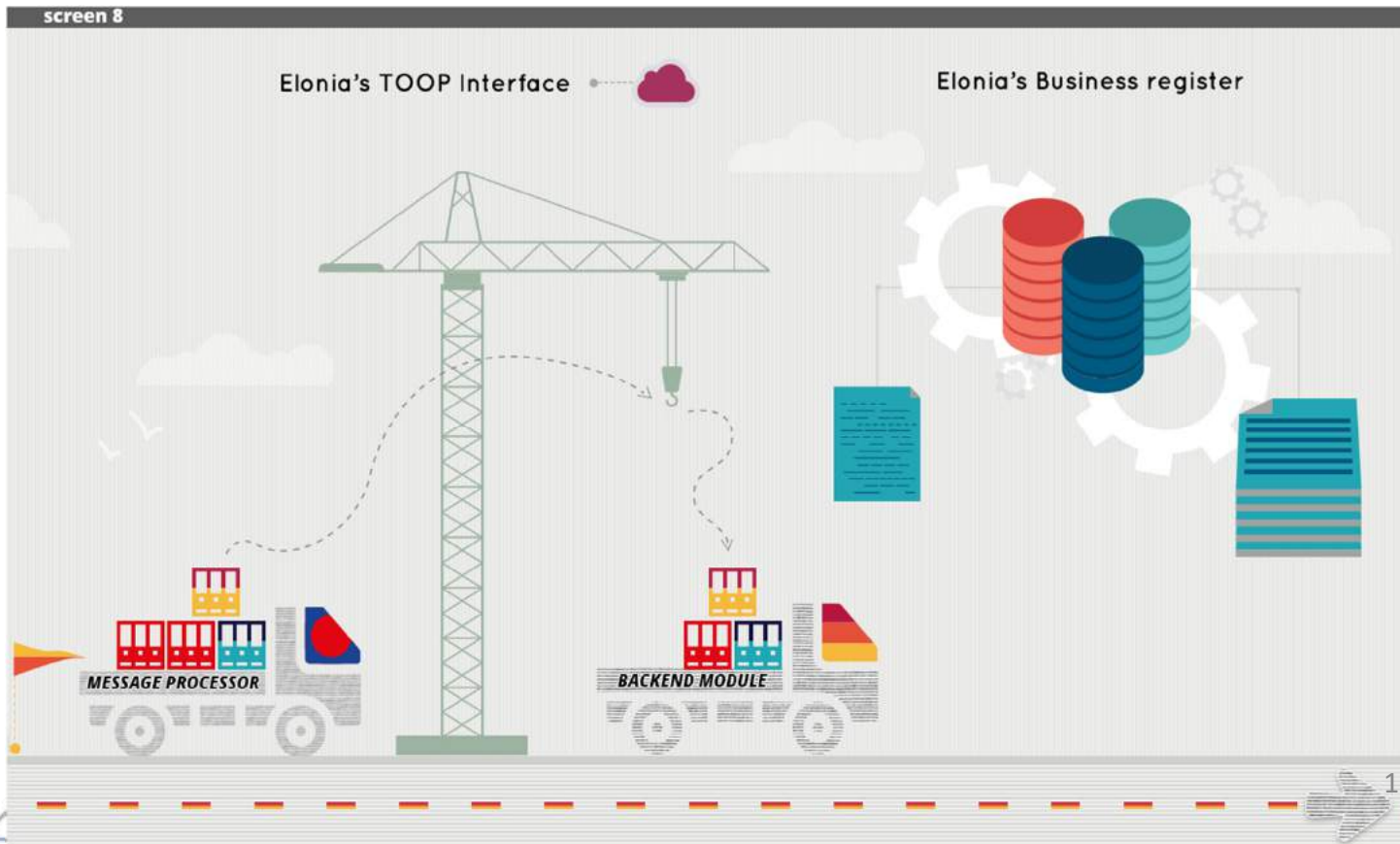
# Semantisches Mapping von Elonia Konzepten







# Verarbeitung der Anfrage durch zuständiges Register



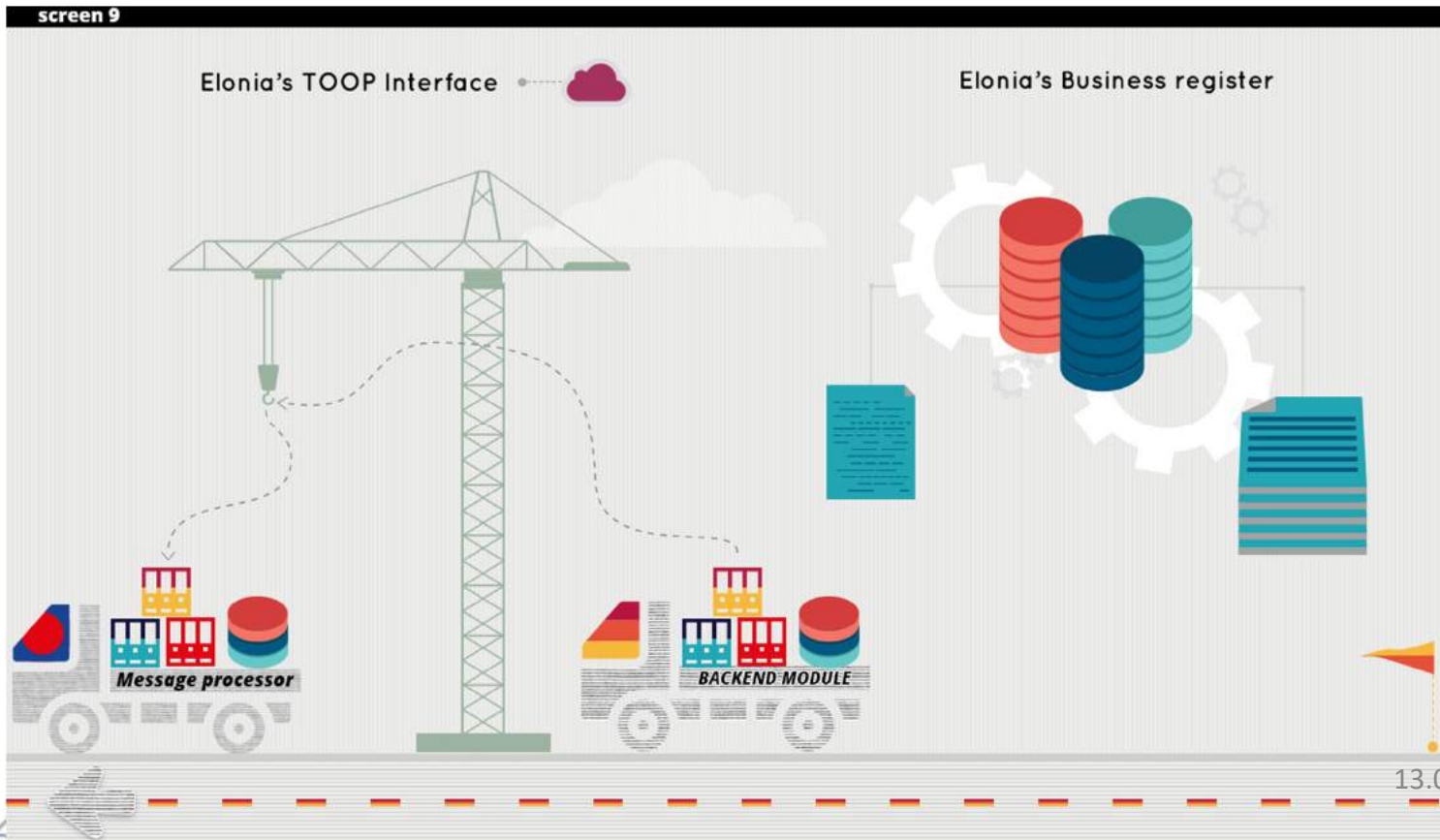


# Erstellung der Antwort



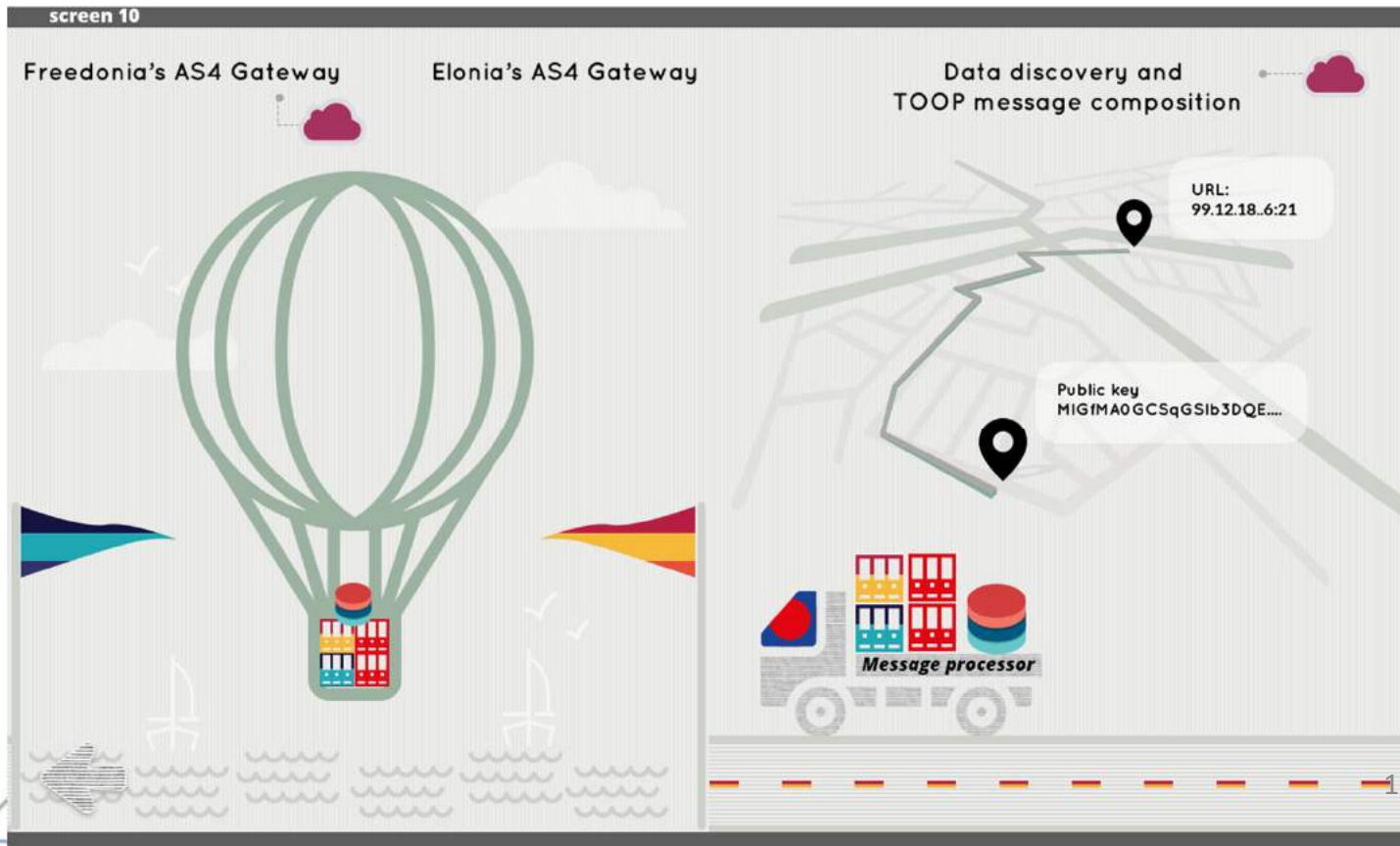
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# Versand und Erhalt der Antwort über eDelivery





# Verarbeitung der Antwort



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screen 11

Preview of retrieved information

Freedonia's TOOP Interface

Register with WEEE

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

90.8887.000.999  Yes, I agree to use my data

Company details

Company name	Ziti mat
Company code	JF 23456-6213
Registration authority	Elonka Tax Agency
Company type	Limited
Legal status	Active
Legal status effective date	12 January 2012
Registration date	12 January 2012
Registration number	001987 60543
Capital	220.000 EUR
Activity declaration	Manufacture of other electrical equipment
Company NACE code	E229
VAT number	00007906
IS number	PHL 00017 6548

Company contact information

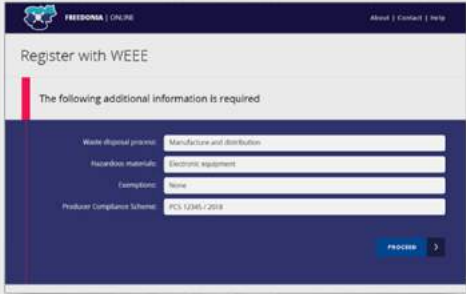
BACKEND MODULE

MESSAGE PROCESSOR

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screen 12

### Additional information



**Register with WEEE**

The following additional information is required

Waste disposal process:

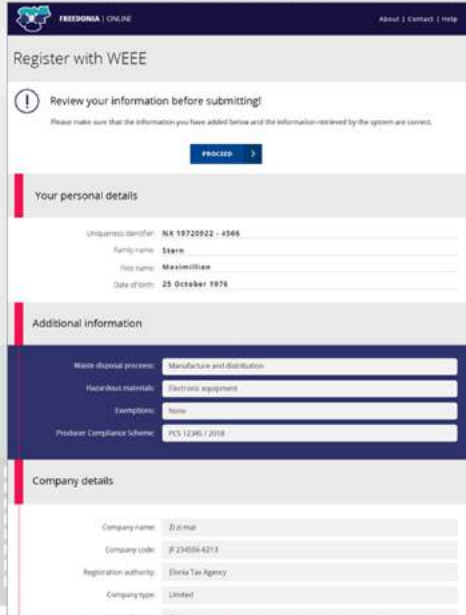
Hazardous materials:

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:

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Fertig!

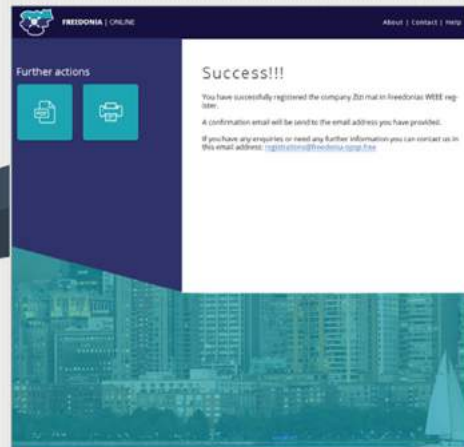


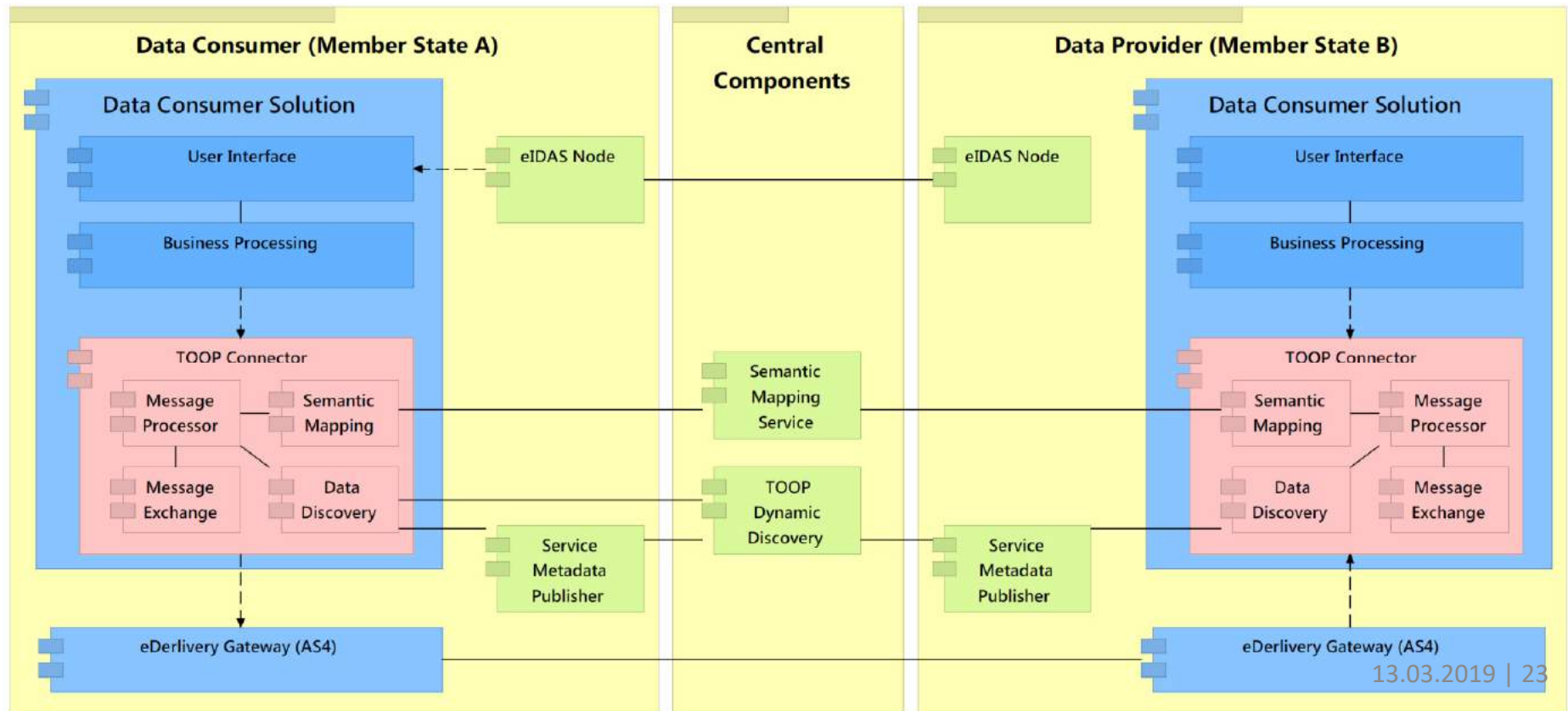
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screen 13

Job done!

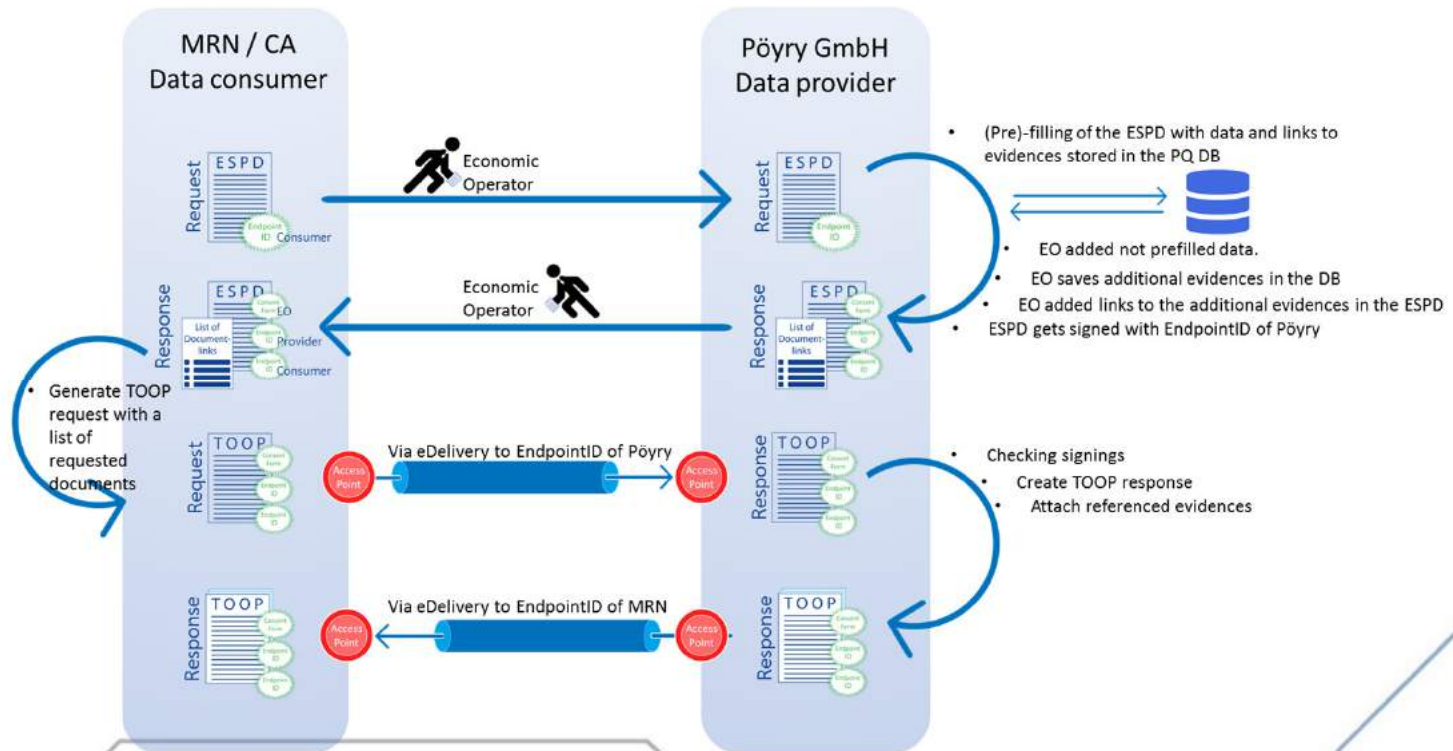




# Pilotierung in Deutschland

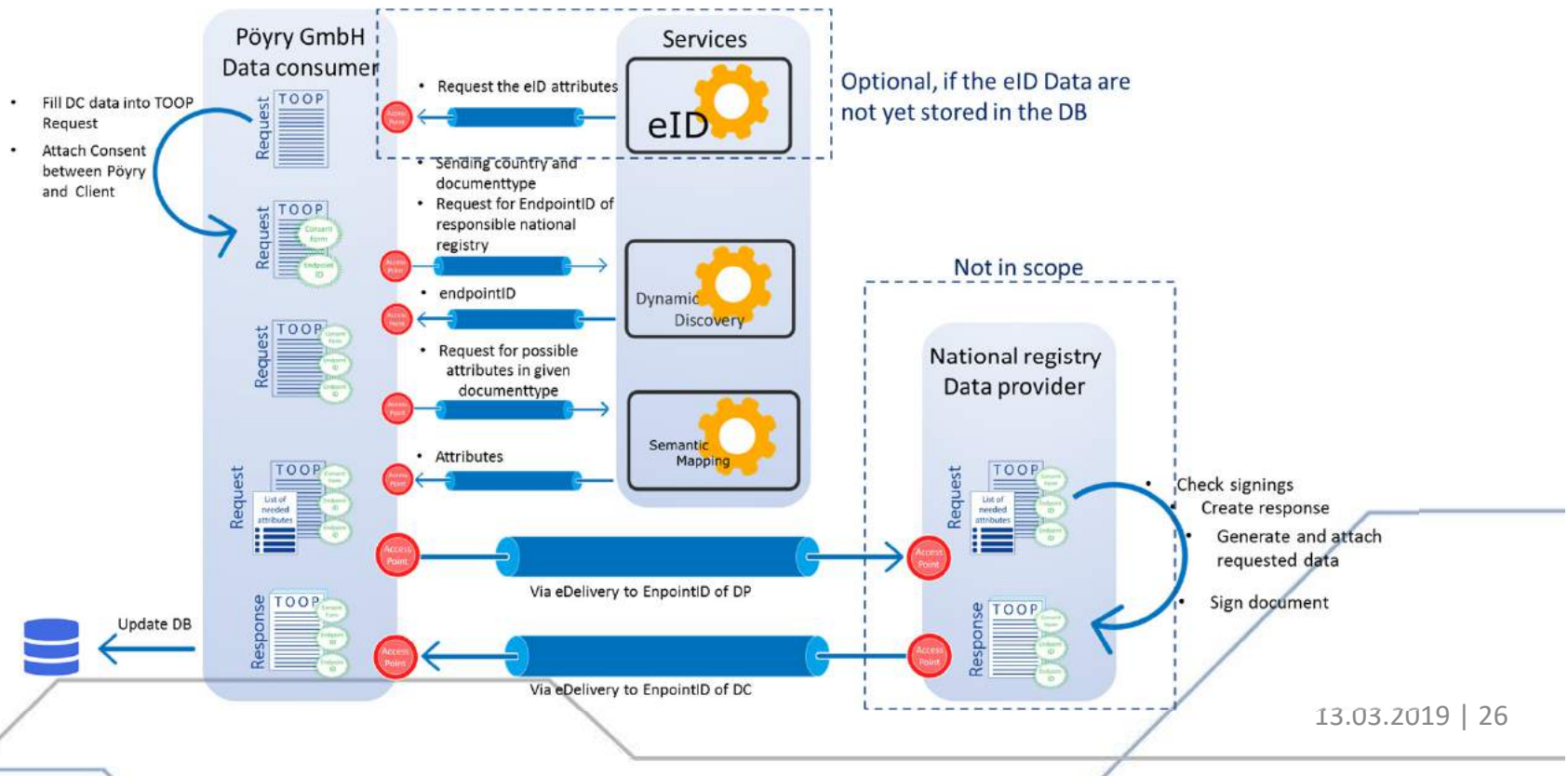


# Szenario 1: eProcurement





# Szenario 2: General Business Mobility



Zusammenhang:

SDGR – TOOP – OZG

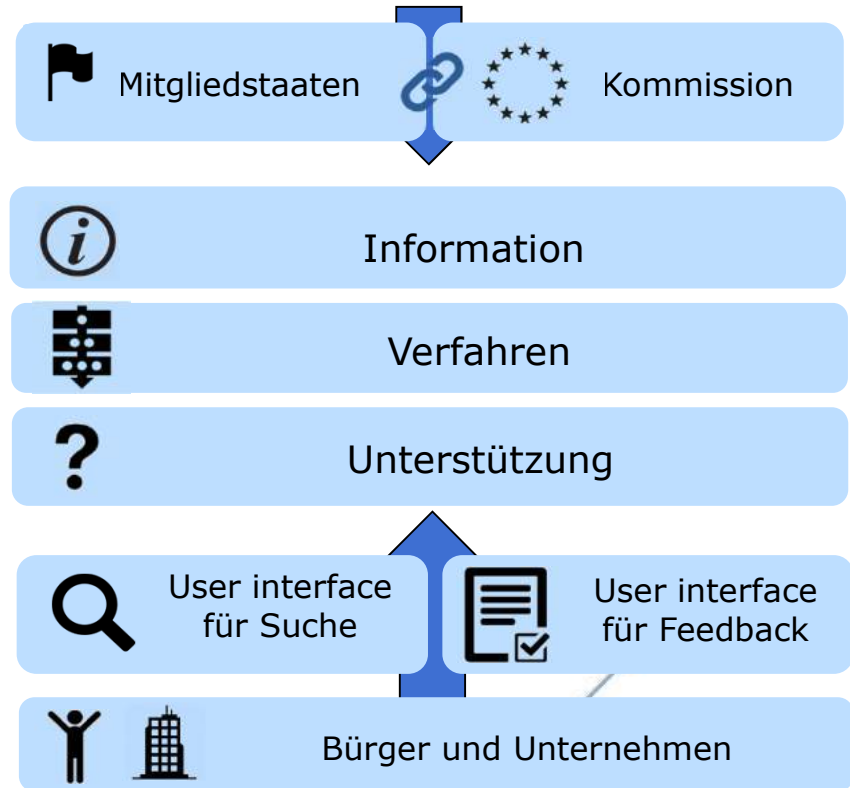


# Single Digital Gateway



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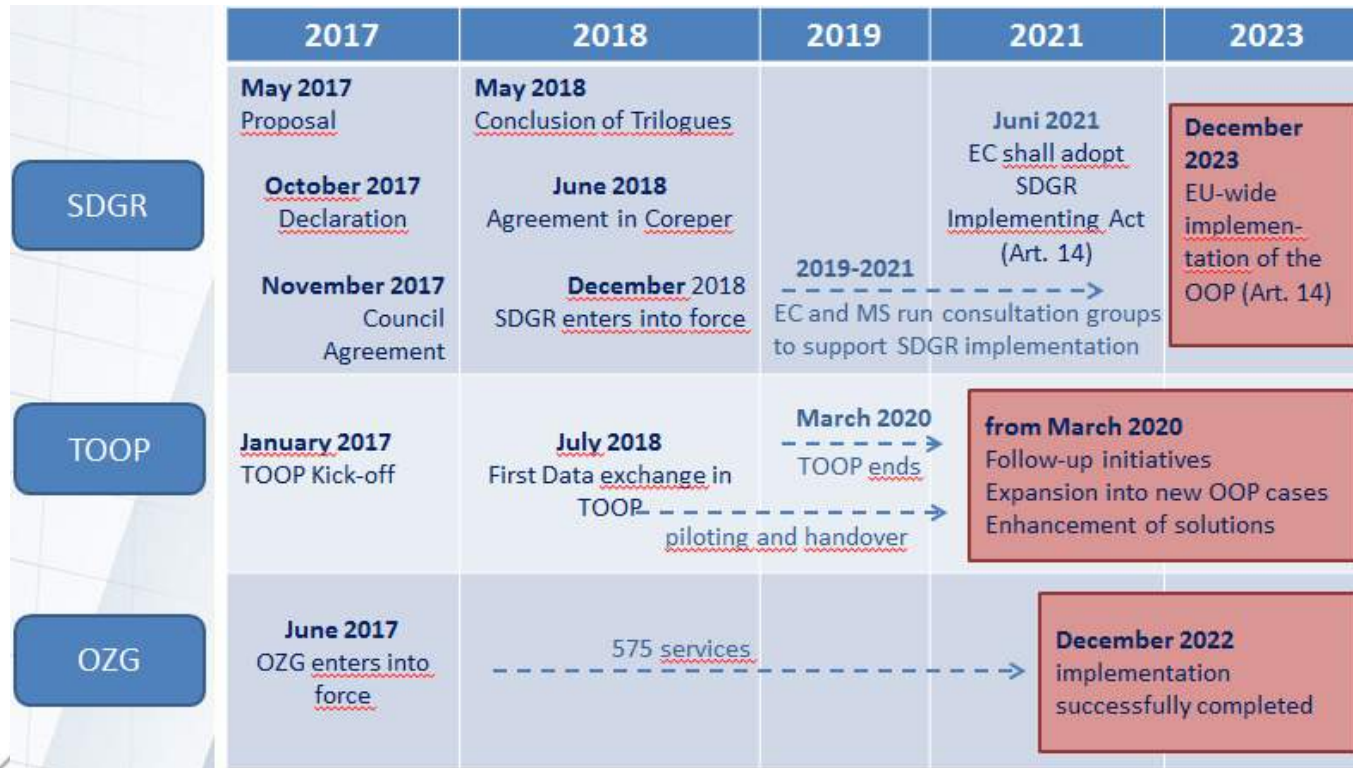


# Timeline



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toop4eu



TOOP Project

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