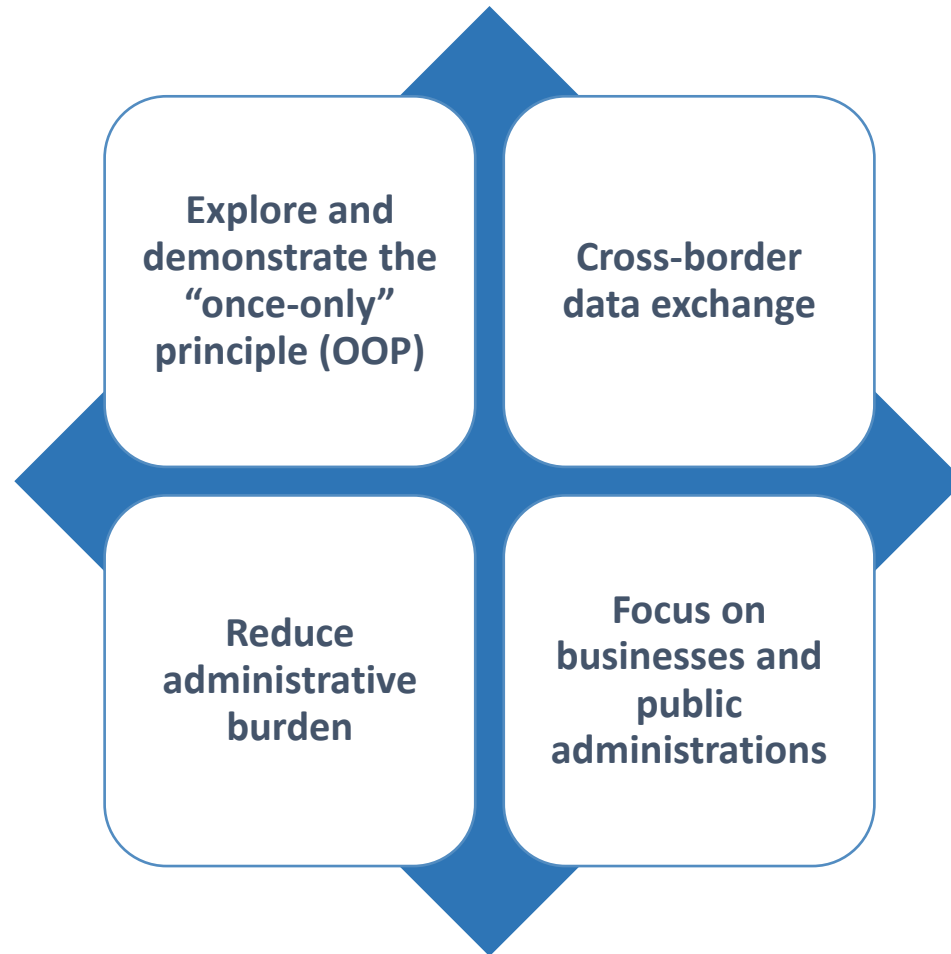


# The Once-Only Principle

# Aim



# Definition of OOP

**Collecting** & **storing** data only once

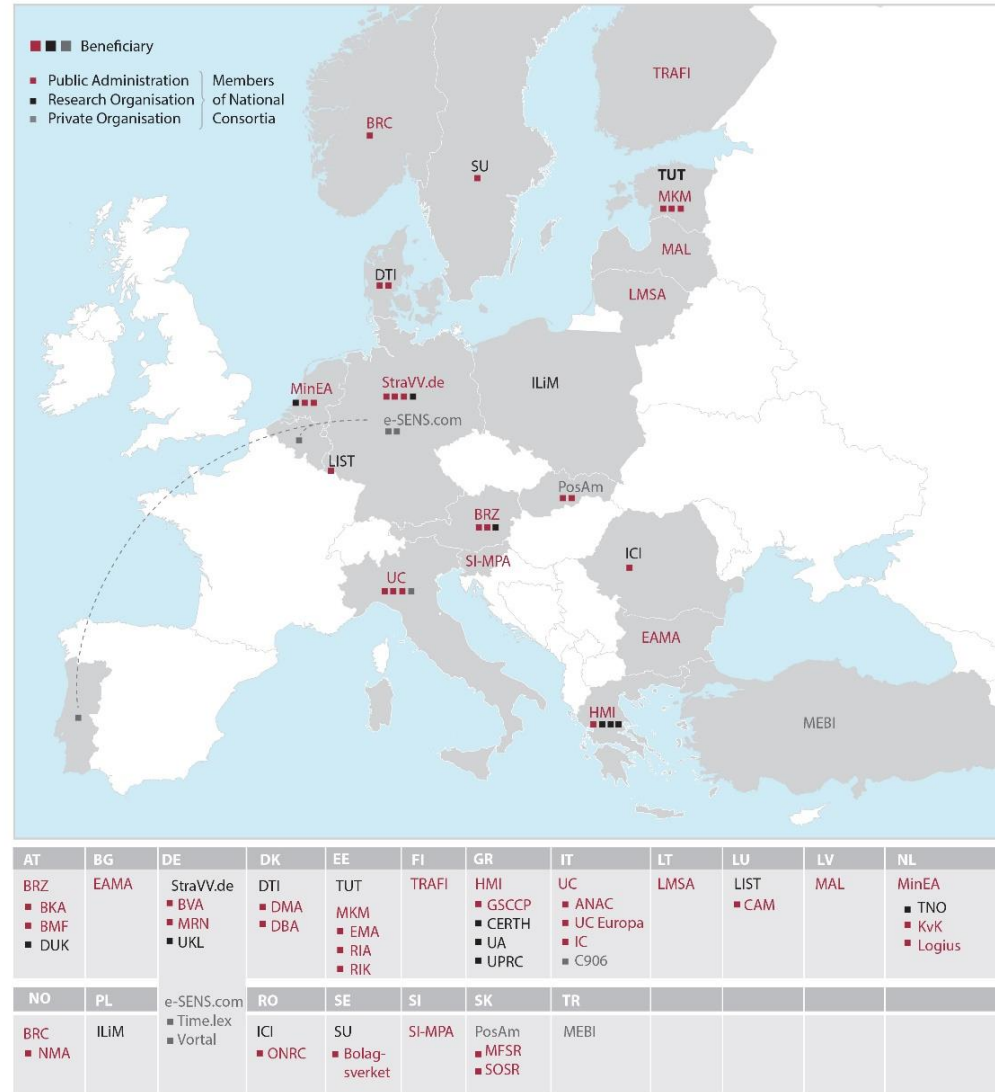
Streamlining processes by:

- Enabling automated data sharing
- Replacing redundant data collection with information requests from original source
- Improving data reliability

# Participants

- 21 Beneficiaries from 21 countries

- 50+ Partners
  - Public Administrations
  - Universities
  - Companies



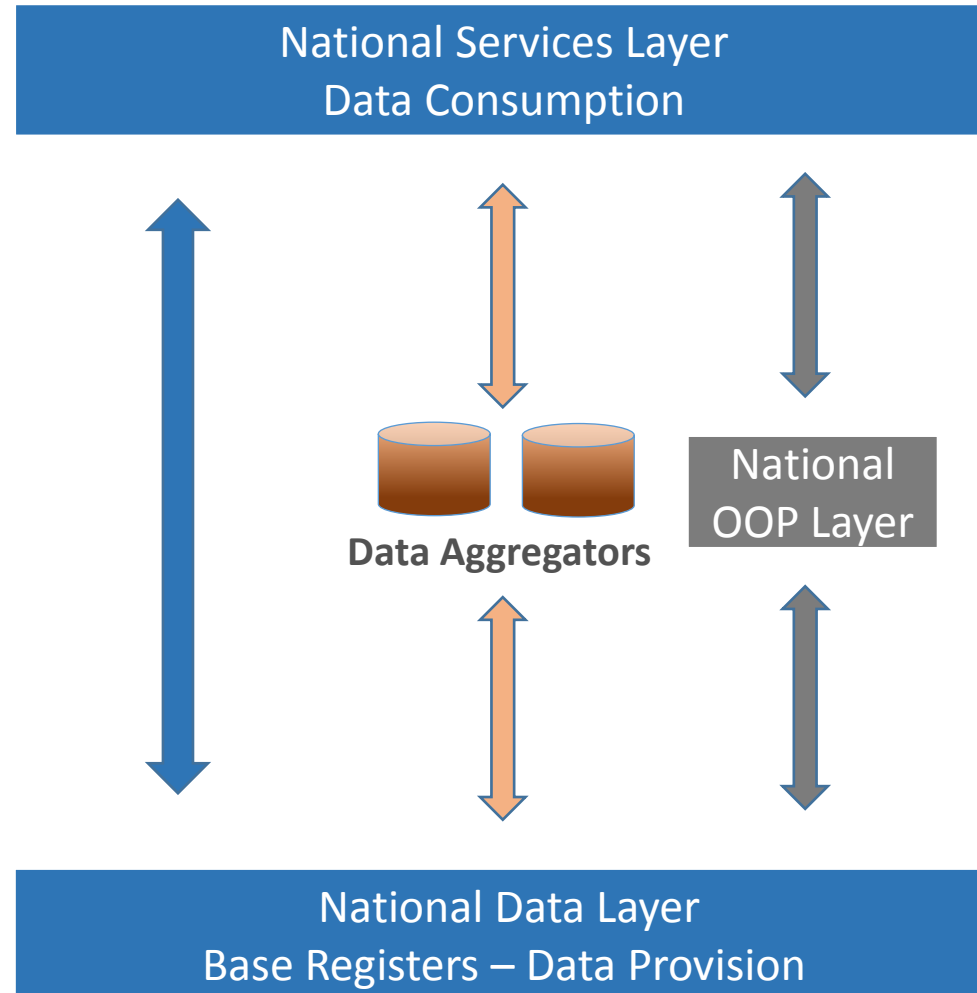
# Generic Federated Architecture

TOOP aims to develop a **Generic Federated OOP Architecture** in line with existing EU frameworks (EIRA, EIF), based on the CEF DSIs, the building blocks consolidated by the e-SENS project and possibly new building blocks.

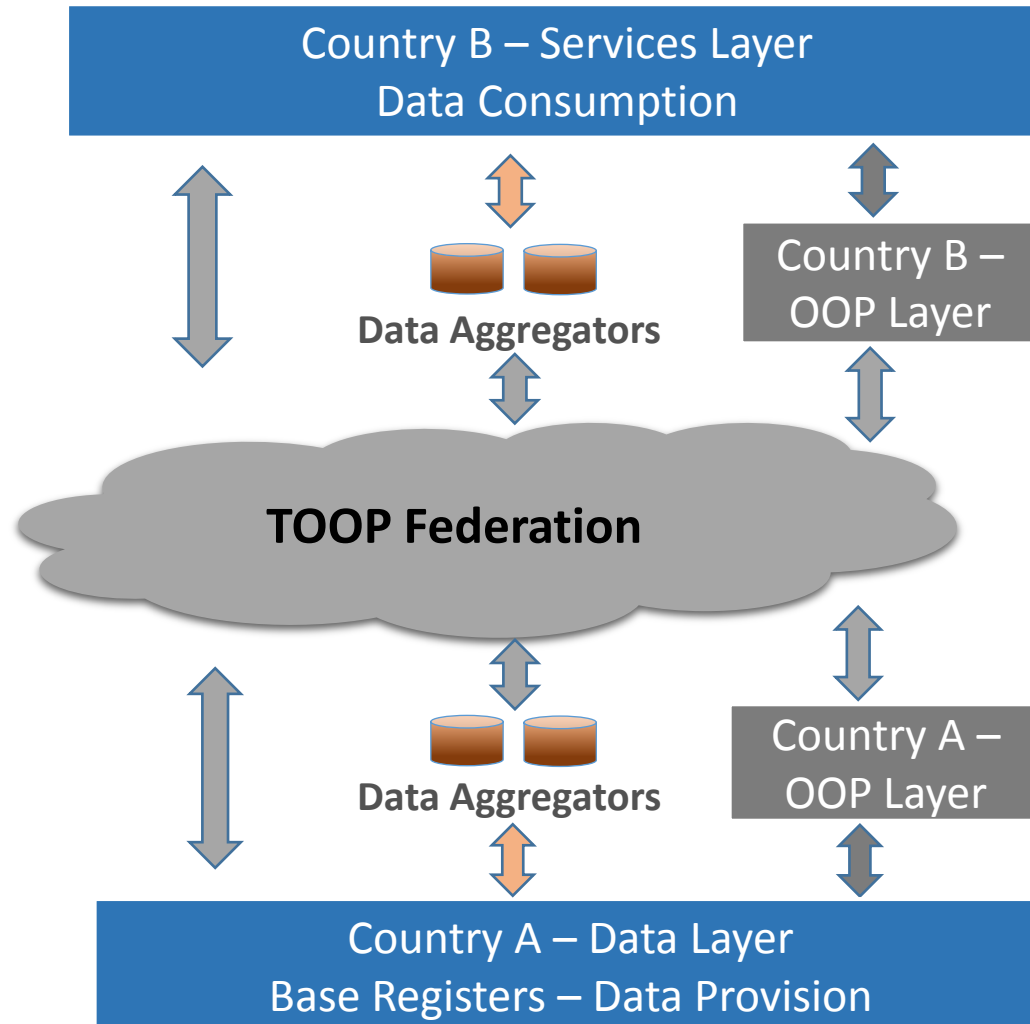
# How do we get there?

- Building upon existing experience
  - National Once-only infrastructures (EE, BE, AT, ...)
  - Previous LSP experiences
  - Cross-border experiences (EE-FI x-road collaboration, ...)
  - Academic literature

# The national OOP case

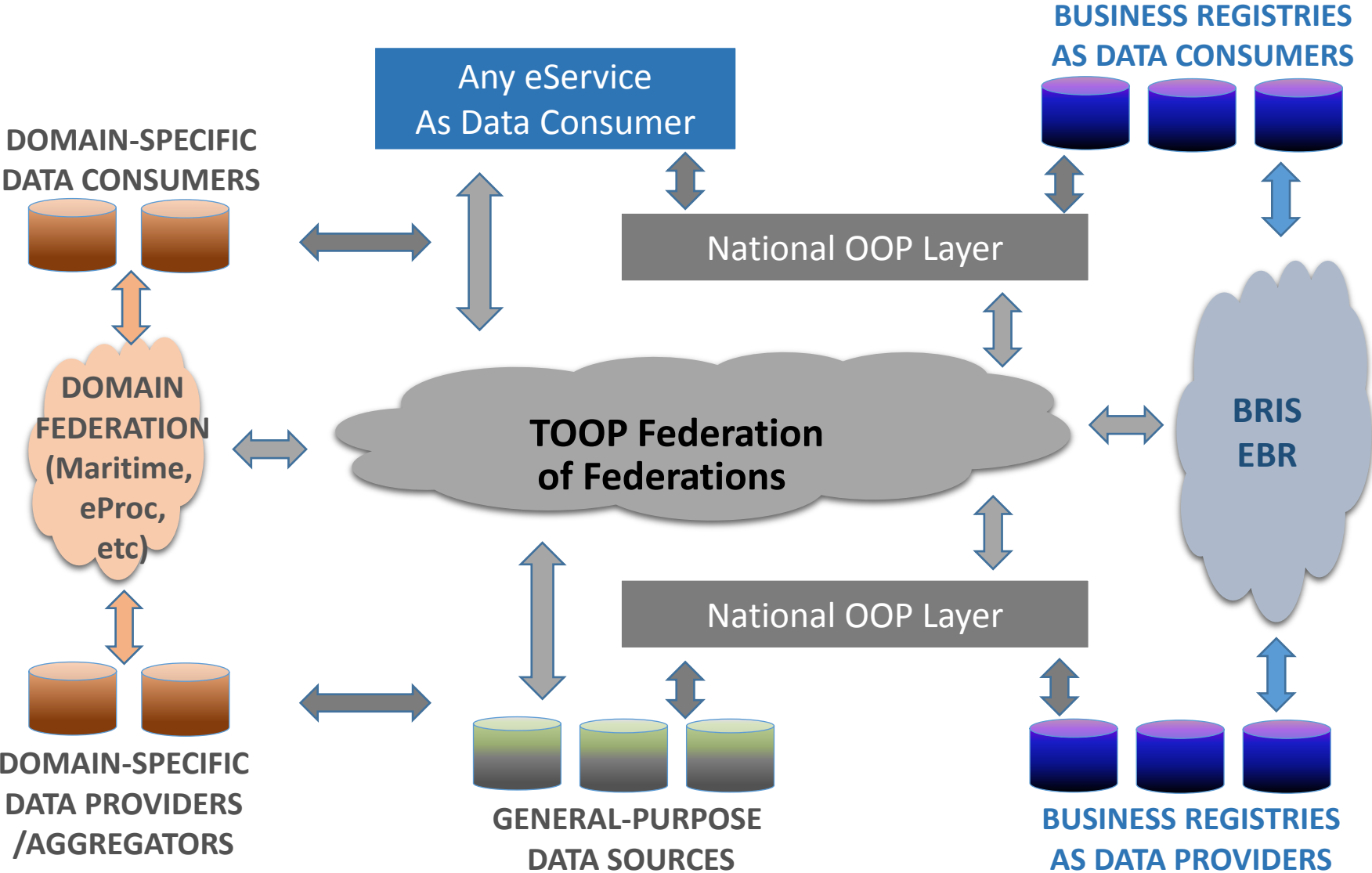


# The cross-border OOP case (simplified)

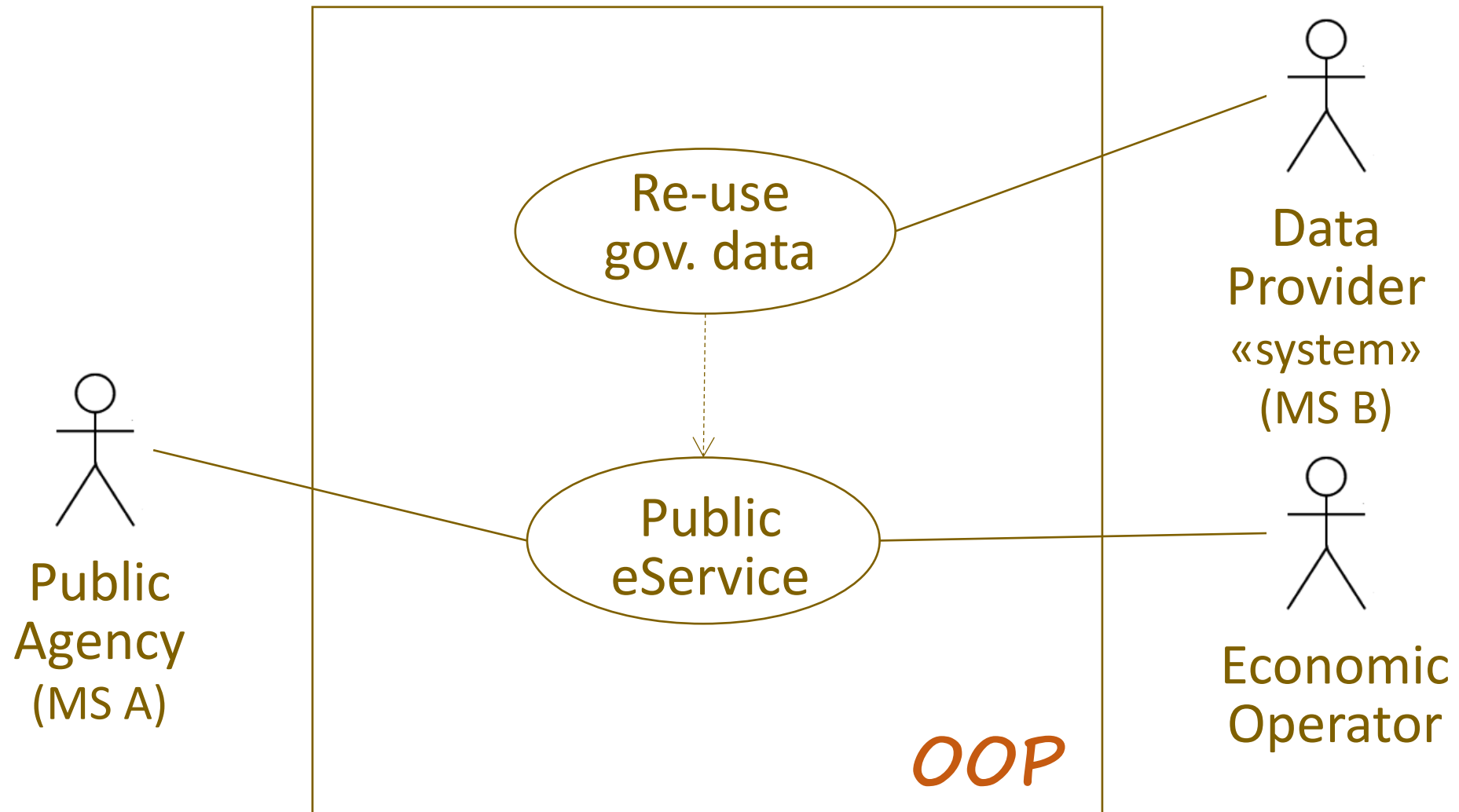




# How TOOP Pilots fit into the big picture

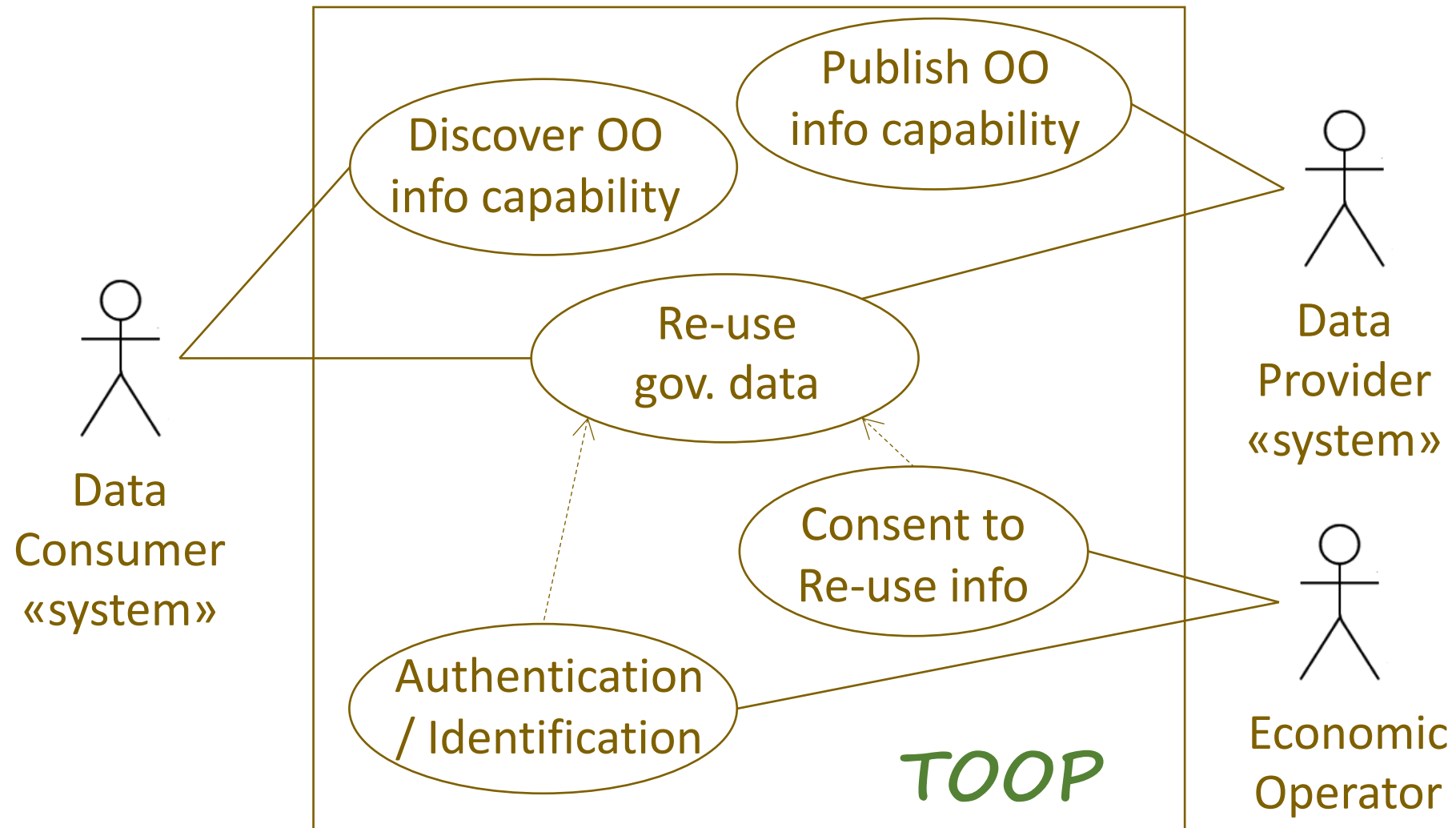


# “Generic” OOP use case



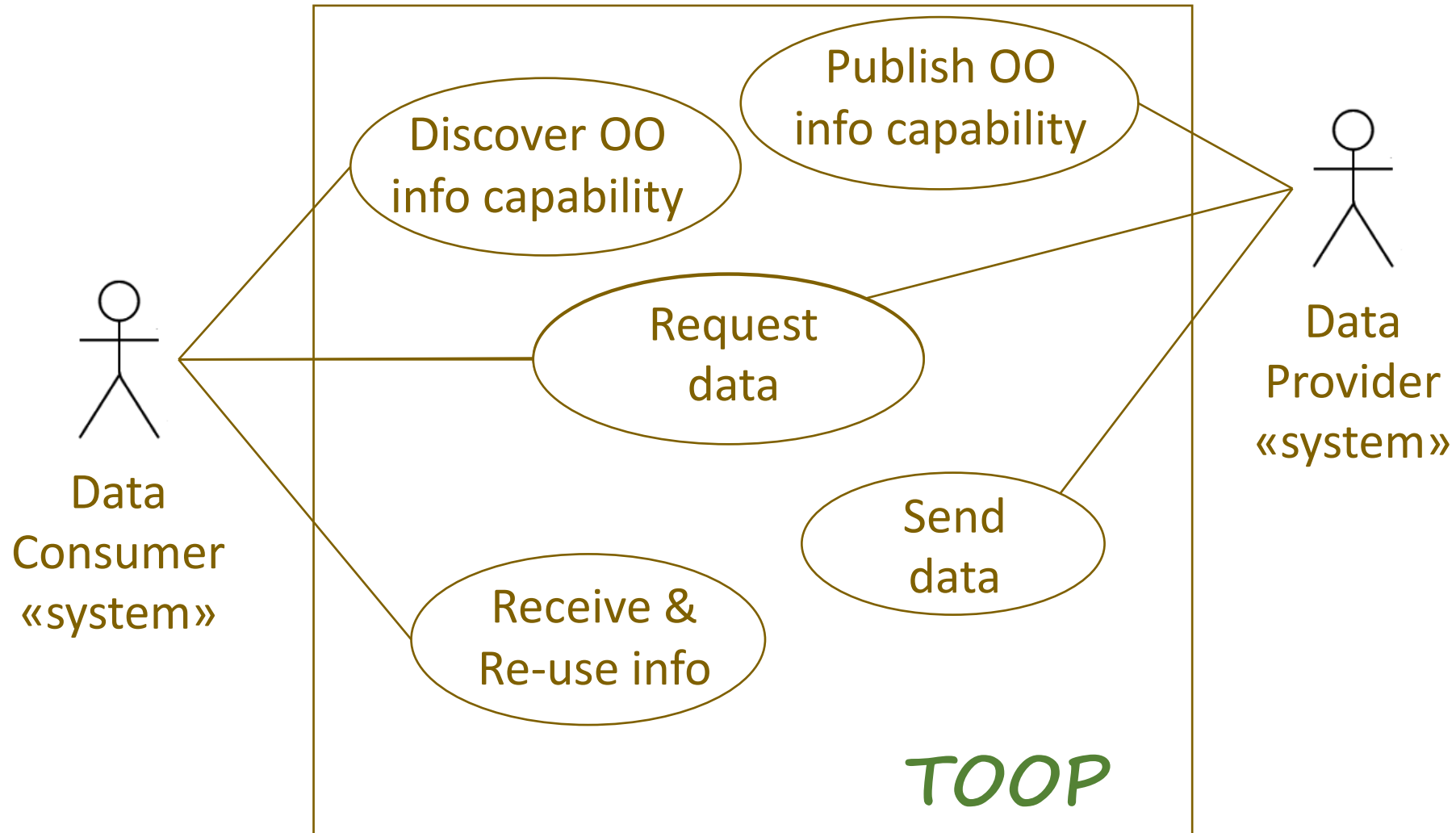
# “Generic” TOOP use case

## *Focus on the Re-use*



# “Generic” TOOP use case

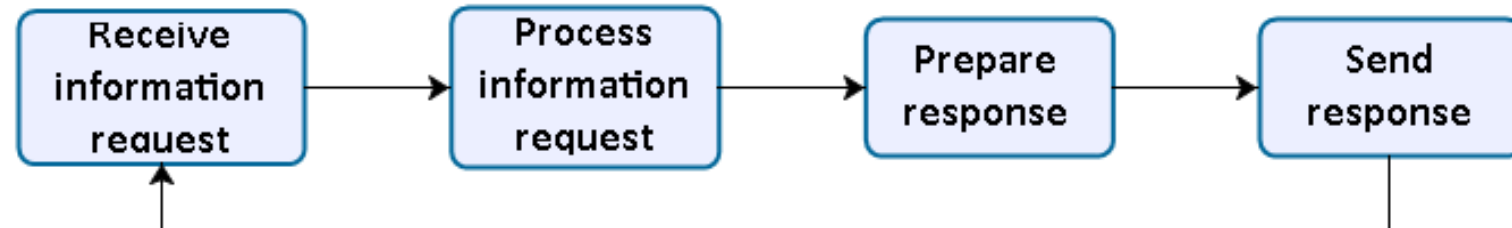
*Focus on machine-machine Re-use*



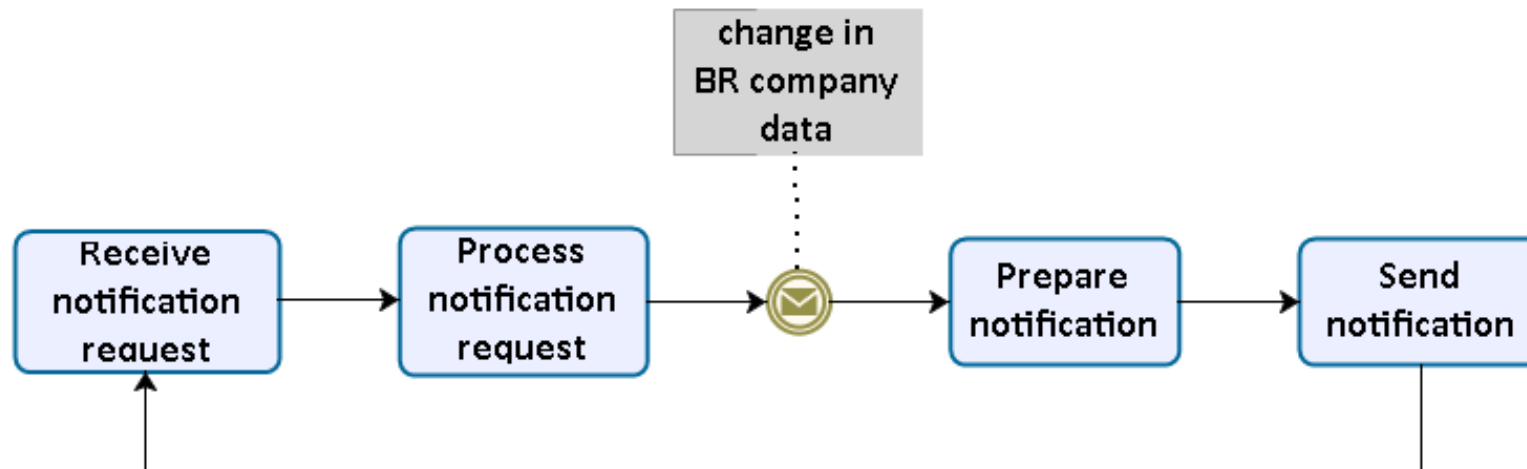
# “Pull & Push” TOOP use cases

## *Two modes of Data Provision*

A *one-time request* for information leads to a simple “Pull” scenario



A *persistent request* generates a subscription to a “Push” notification service

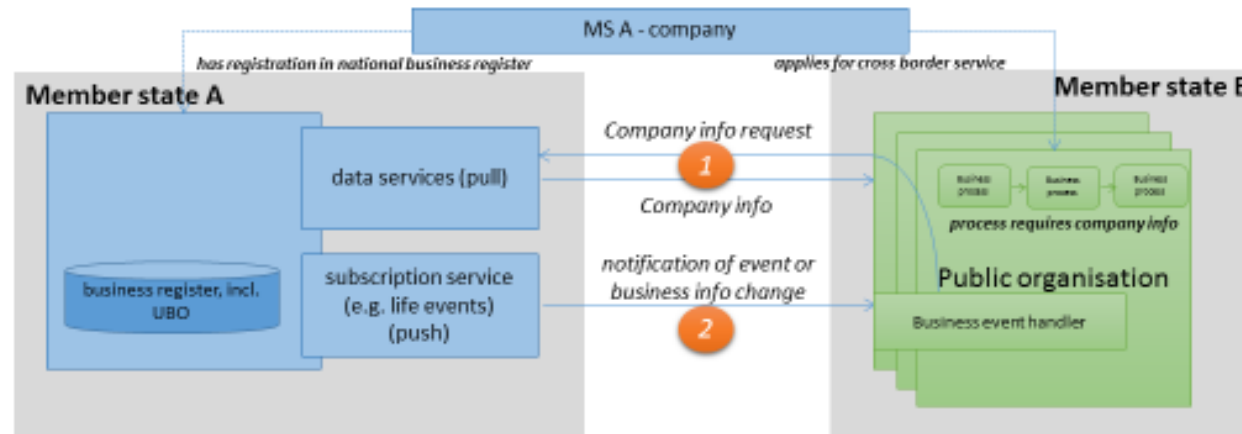


# Pilot Area 1: Cross-border e-Services for Business Mobility

## **Indicative scenarios:**

- Participation in public procurement procedures cross-border
- Extending business presence cross-border
- Administrations checking the mandates of business representatives

# Pilot Area 2: Updating Connected Company Data Pilot



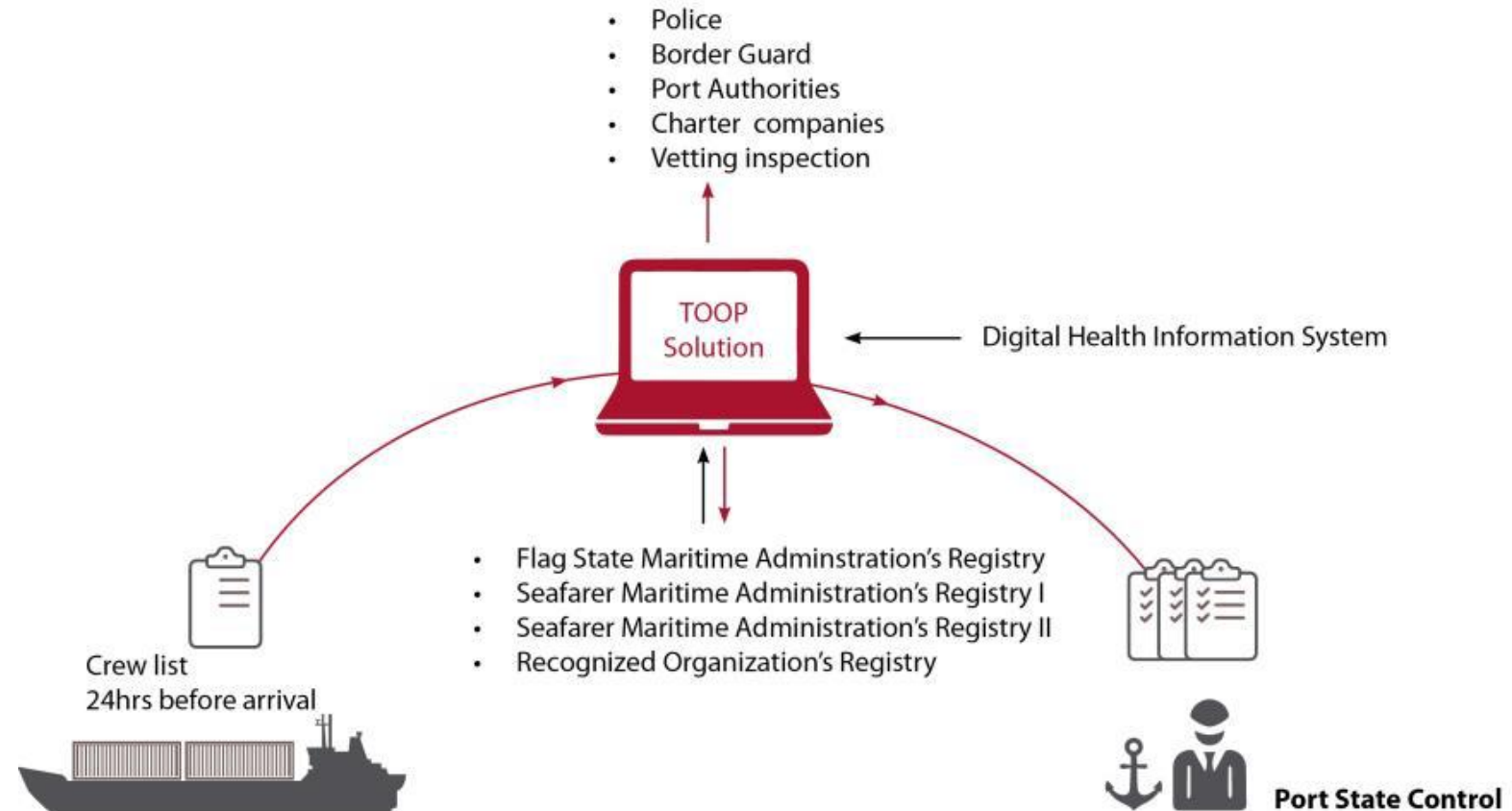
Interaction concepts:

- 1

  - Public organisation queries foreign business register for a company that applies for a service
  - Business register provides company information directly to the public organisation
- 2

  - Public organisation subscribes to certain 'events' at the foreign business register, possibly for specific companies.
  - The foreign business register notifies the service provider in case of occurrence of such an event.
  - The public organisation may query the business register via concept [1] to retrieve updated company information.

# Pilot Area 3: Online Ship and Crew Certificates Pilot





# Outcomes

- Demonstrate feasibility of OOP
- Re-use of existing building blocks
- Real-life Pilots
- Based on
  - Analysis of legal landscape
  - Identification of drivers & barriers
  - Cost-benefit analysis
  - Evaluation of pilots
- Propose a federated architecture for OOP

Thank you for your  
Attention!

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