

# State Information Architecture as a tool for managing the digitization of public administration

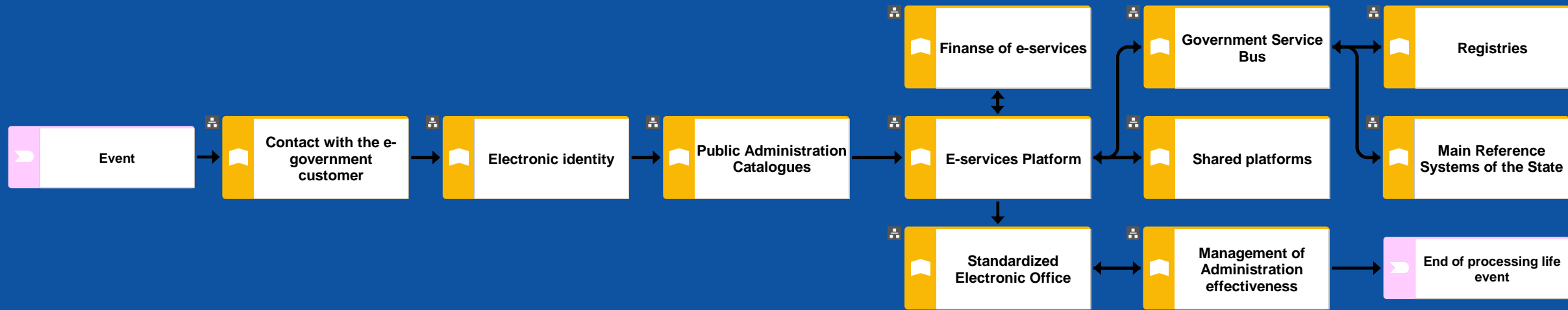
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# The State Information Architecture processes

- A. Management of the digital state development** - a process aimed at reducing the complexity and standardization of administration systems; the products of the process are the **Architecture Vision** and the **IT Roadmap**;
- B. Architecture assurance** – a process aimed at ensuring compliance of the vision of the IT Solution Architecture (in the project) with the principles of SIA, the current Architecture Vision and with SIA standards,
- C. Principles and Standards Management** - process, whose aim is to define and maintain architecture principles and standards.

# Proces A. General e-service support process



# Proces A: Architecture segments

Contact with the e-government customer

Electronic identity

Public Administration Catalogues

e-Services Platform

Government Service Bus

State Registries

Main Government Systems

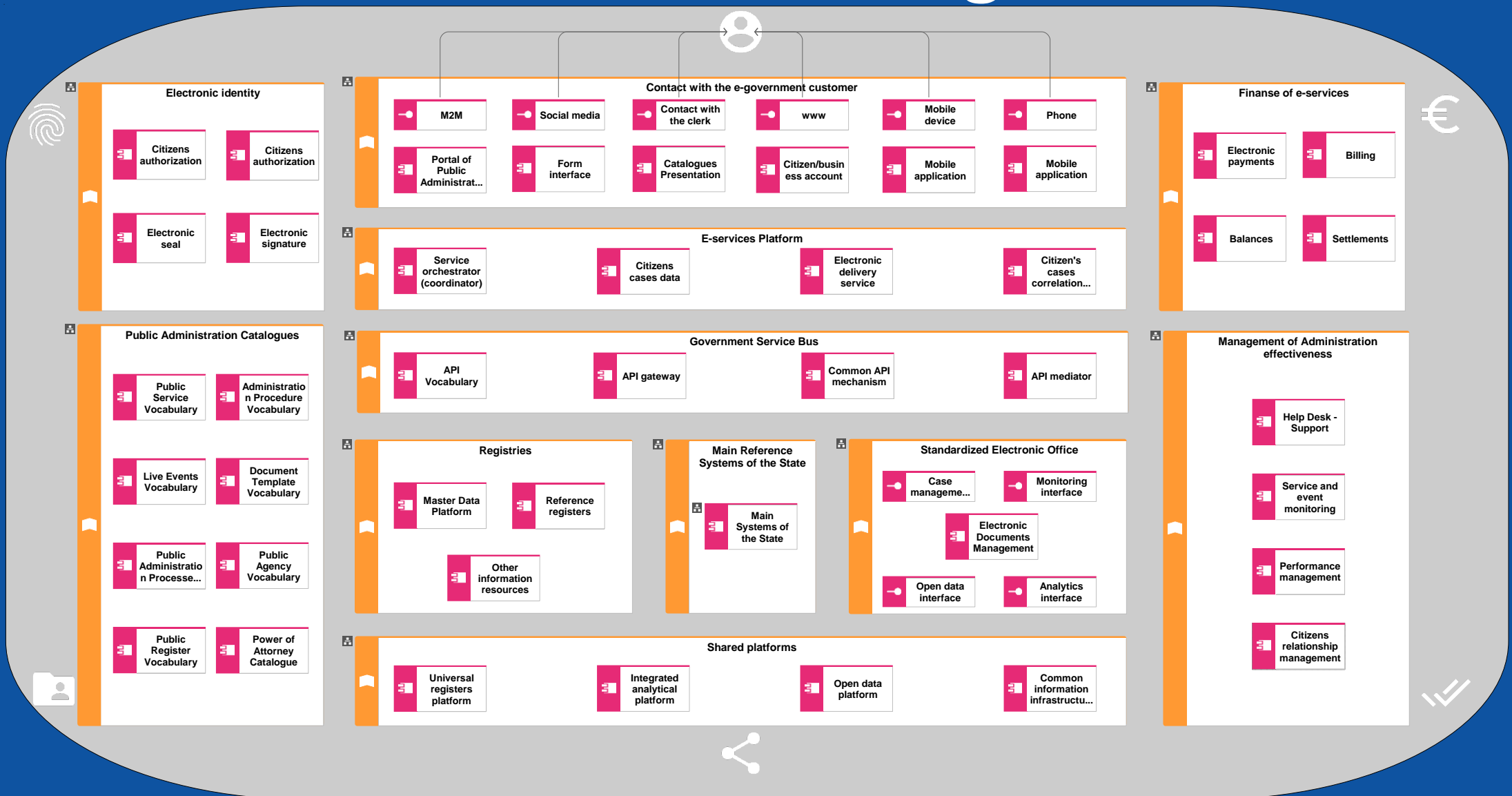
Standardized Electronic Office

Finance of e-services

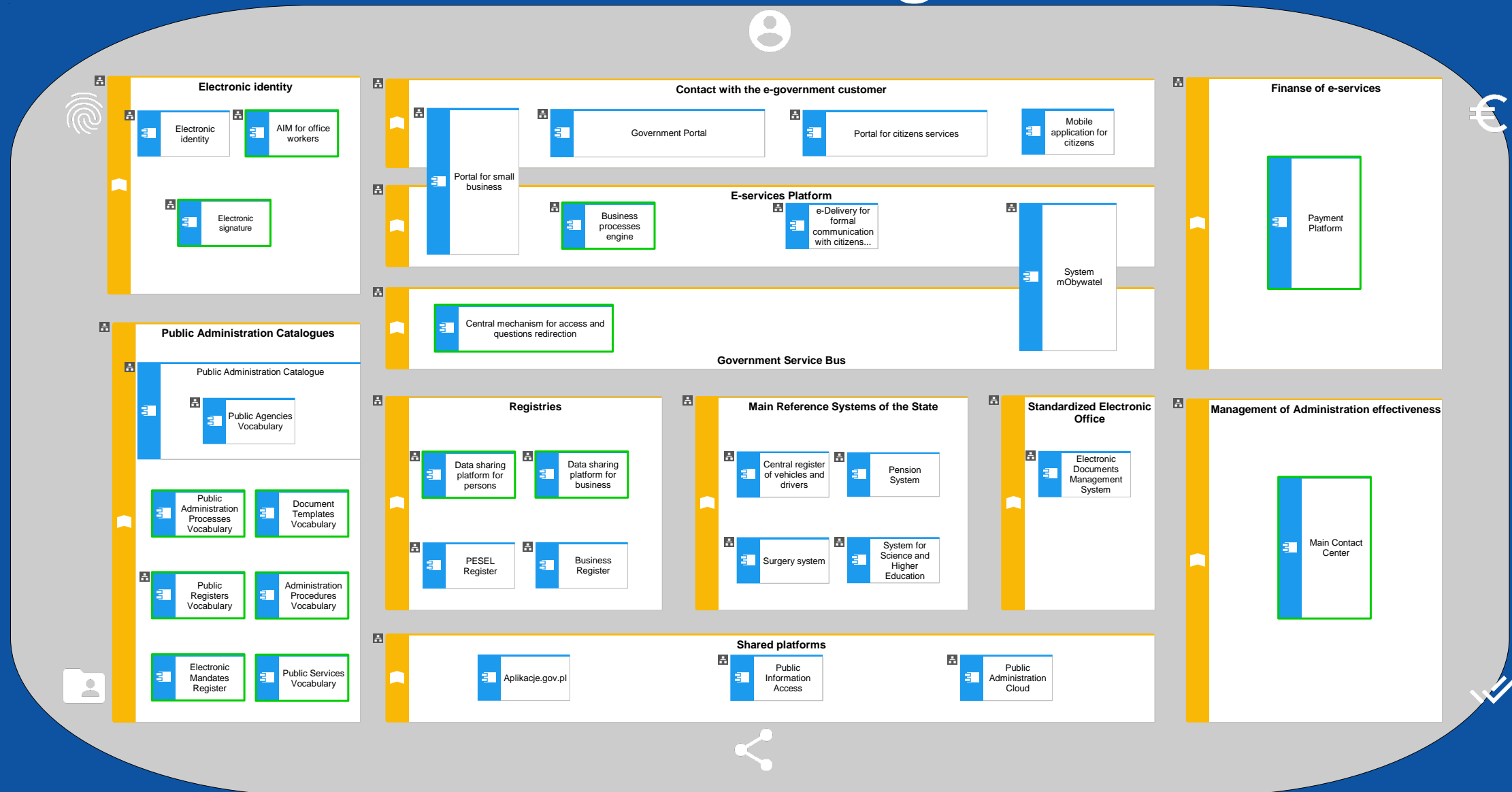
Shared platforms

Administration Effectiveness and Relationship with Citizens Management

# Proces A: Vision of SIA for Digital Services



# Process A. Solution Building Blocks



# Proces A. Proposed Projects (IT Roadmap)

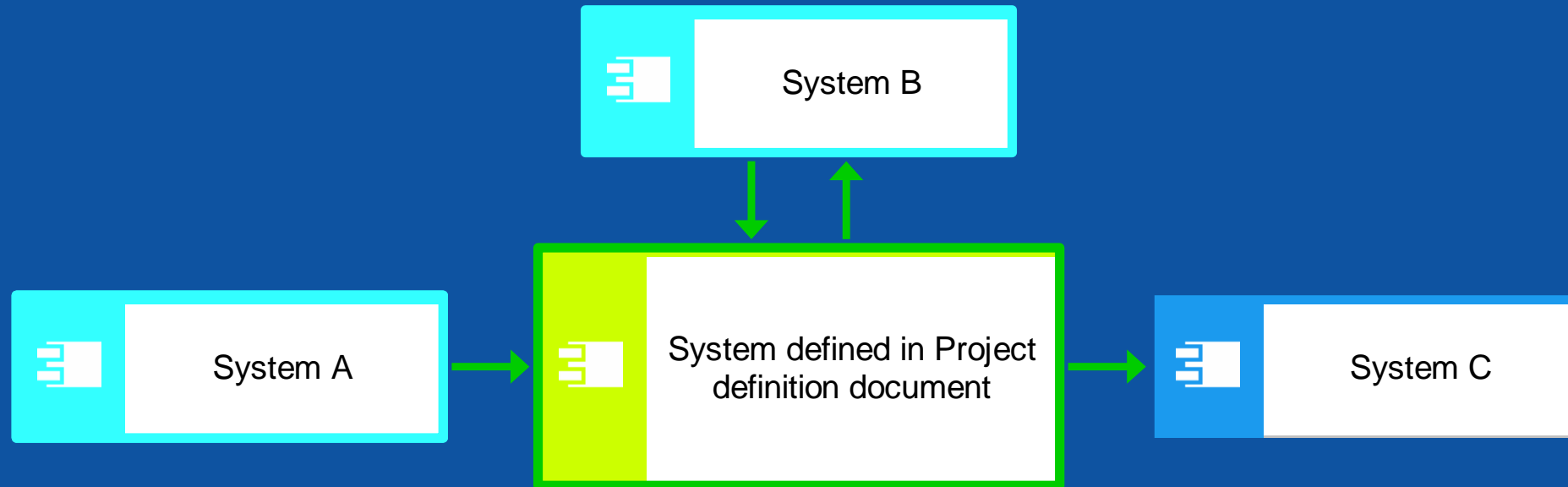
1. Public Administrations Catalogues (Public Agencies, Public Services, Life Events, Administration processes)
3. Implementation of the National Data Sharing Platform concept including:
  - Central mechanism for access and questions redirection
  - two area-based data sharing platforms :
    - for persons data,
    - for organizations data.
3. IAM for office workers

# Proces B. Project definition

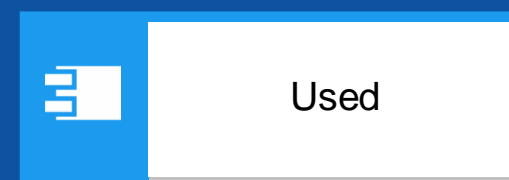
- Reason for undertaking the project
- Project goals
- Milestones
- Project cost
- Project Risks
- Legal environment
- Vision of Solution Architecture



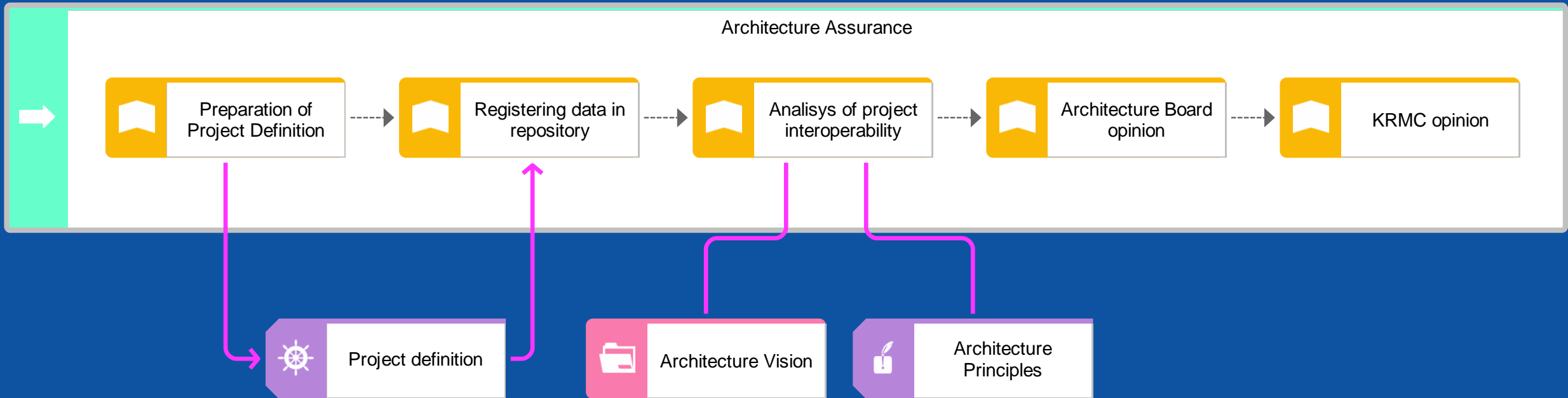
# Process B. Architecture – cooperation diagram



Legenda (PL)



# Proces B. Architecture Assurance



# Proces C. SIA Principles



Subsidiarity and proportionality



Openness



Transparency



Reusability



Technological neutrality and data portability



User-centricity



Inclusion and accessibility



Security and privacy



Multilingualism



Administrative simplification



Preservation of information



Assessment of Effectiveness and Efficiency

# Main roles in processes

The processes are attended by

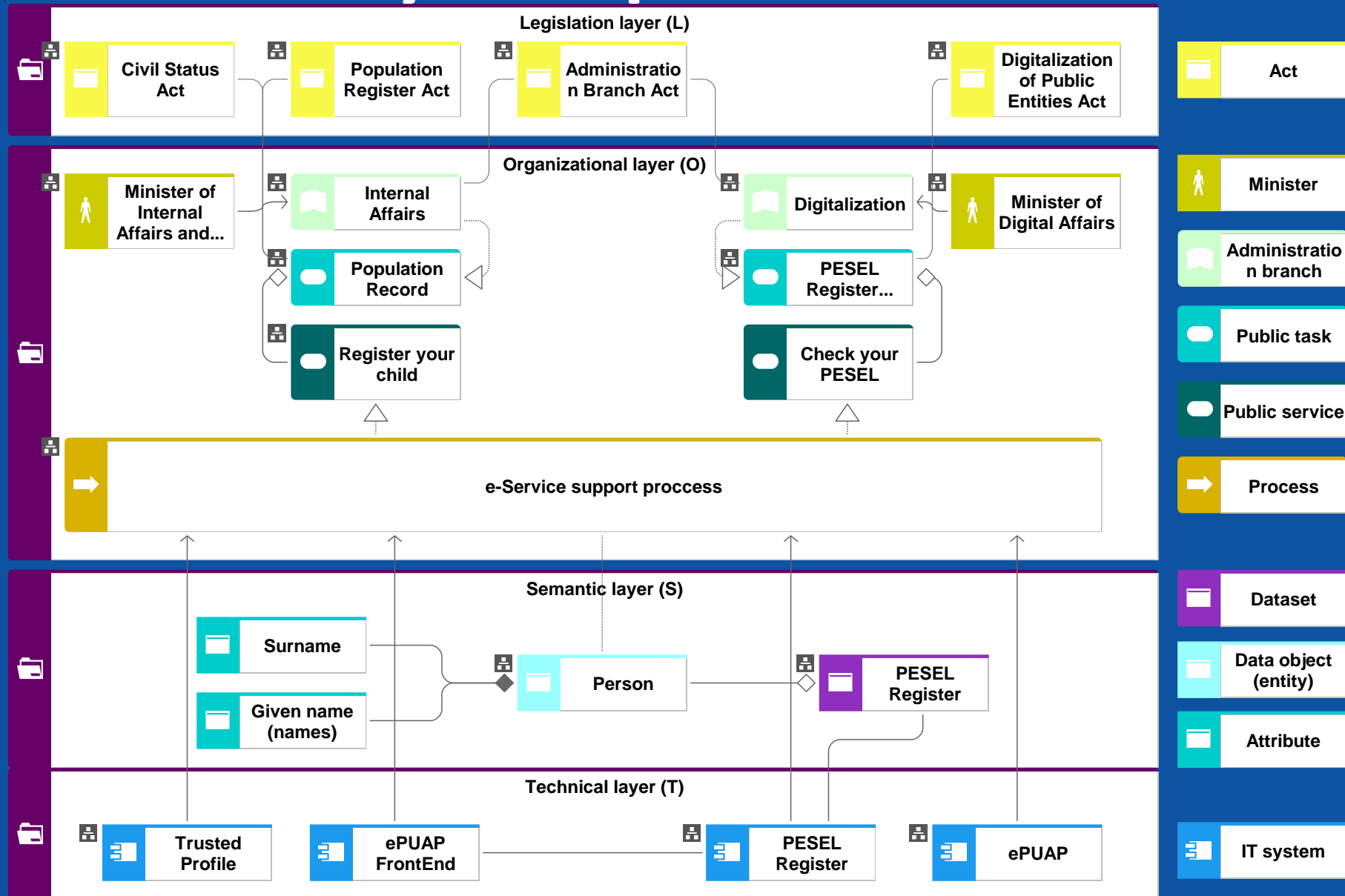
- **Committee of the Council of Ministers for Digitization (KRMC).**
- **IT Architecture Board**
- **SIA Team in Ministry of Digitalization**
- **SIA Support Team in Research and Academic Computer Network (NASK)**
- **Project Solution Architects**

# Architecture Repository

During the work, an SIA repository is created. It complies with EIRA (European Interoperability Reference Architecture) and contains subsequent layers:

- **Legislative layer**– Laws, Regulations, Policies and Standards,
- **Organizational layer** – a description of the organizational structure, business processes, functions and business services,
- **Semantic layer** - description of data objects at the conceptual, logical and physical level, taking into account data sources and their flows between application components,
- **Technical layer** – describing application components (infrastructure elements are not included).

# Architecture layers – part of metamodel



# Number of objects in SIA Repository

<b>Models</b>	<b>4 931</b>
<b>Objects</b>	<b>20 682</b>
<b>Connections</b>	<b>32 873</b>



Tool presentation

ARIS – **A**Rchitecture of **I**nformation  
**S**ystems