



Vlaamse
overheid



European
Commission

Open Standards for Linked Organisations

'Linked Base Registries as a key enabler for
eGovernment in Flanders' #OSLO2

EU Core Vocabularies in action:

INFORMATIE
VLAANDEREN

ISA

978
public
partners

308
municipalities

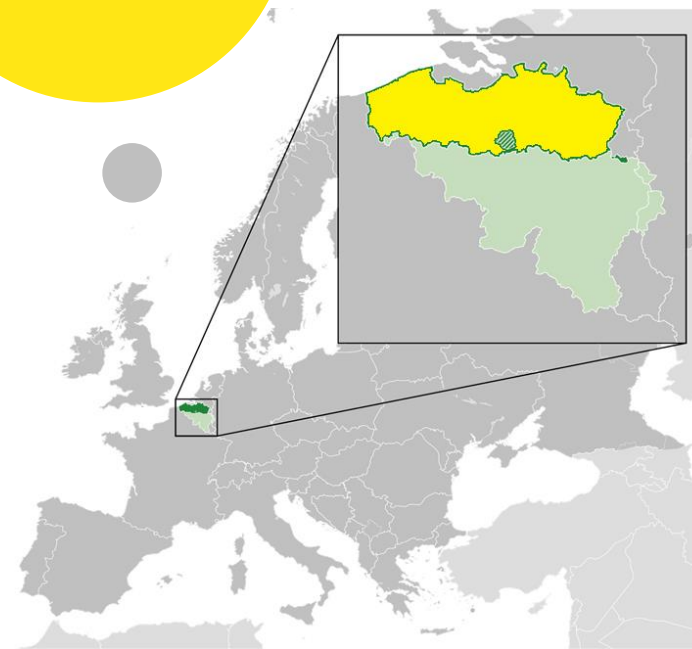
Flanders
Information
Agency

3 regions

2068
private
partners

6,4 M
citizens

Federal
government



outline

- OSLO
- Flanders radically Digital
- OSLO²
- OSLO² - Base Registries

OSLO: open standards for local administrations

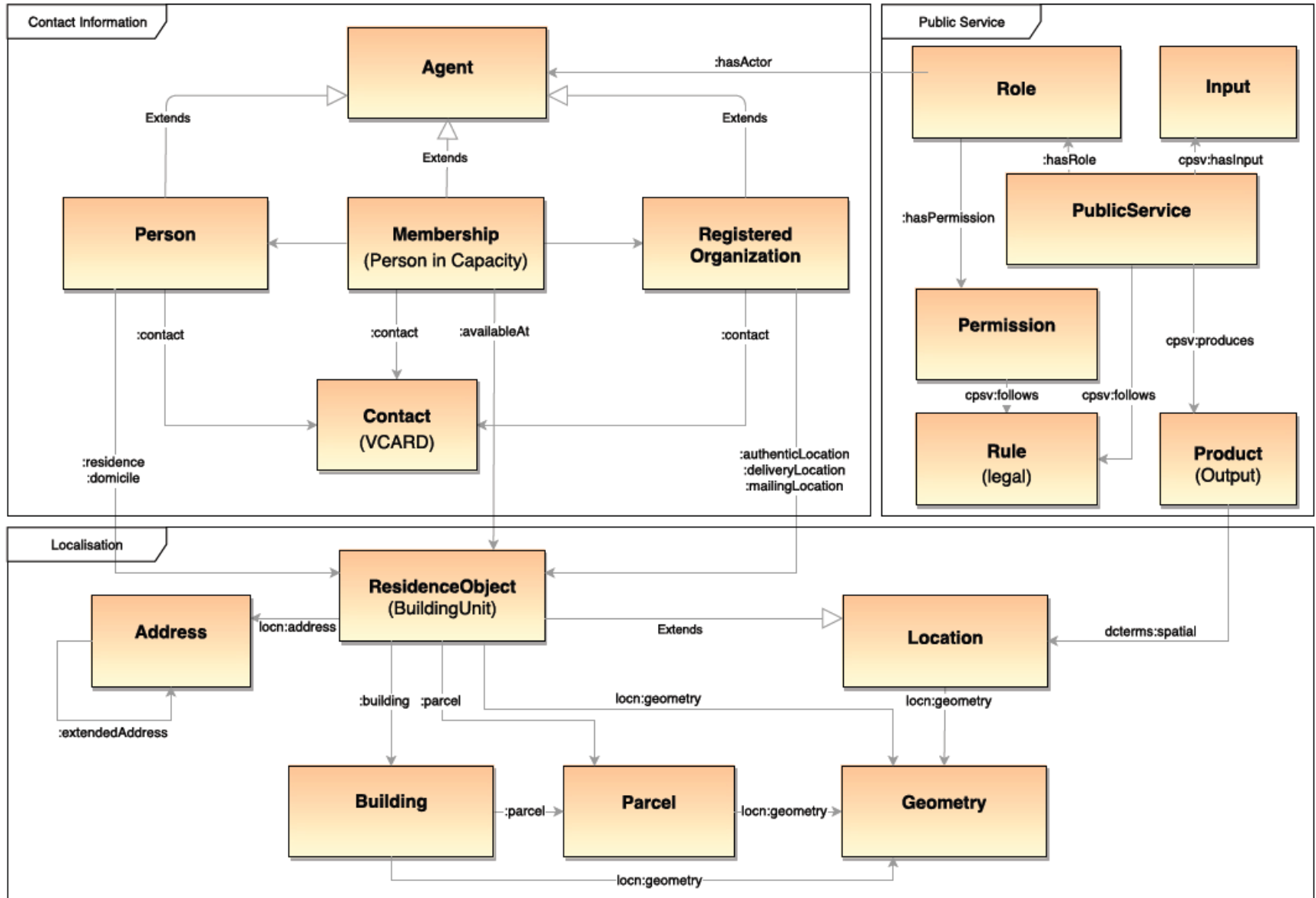
only-once
principle fails

integration
expensive and
inefficient

lack of machine
readable
information



OSLO 1





Flemish Government
endorses OSLO

OSLO² Embedded in the strategy of
the Flemish Information Agency

Flanders Radically Digital Programme



Government is information driven



Governments are connected digitally (local, regional, federal)



Once Only

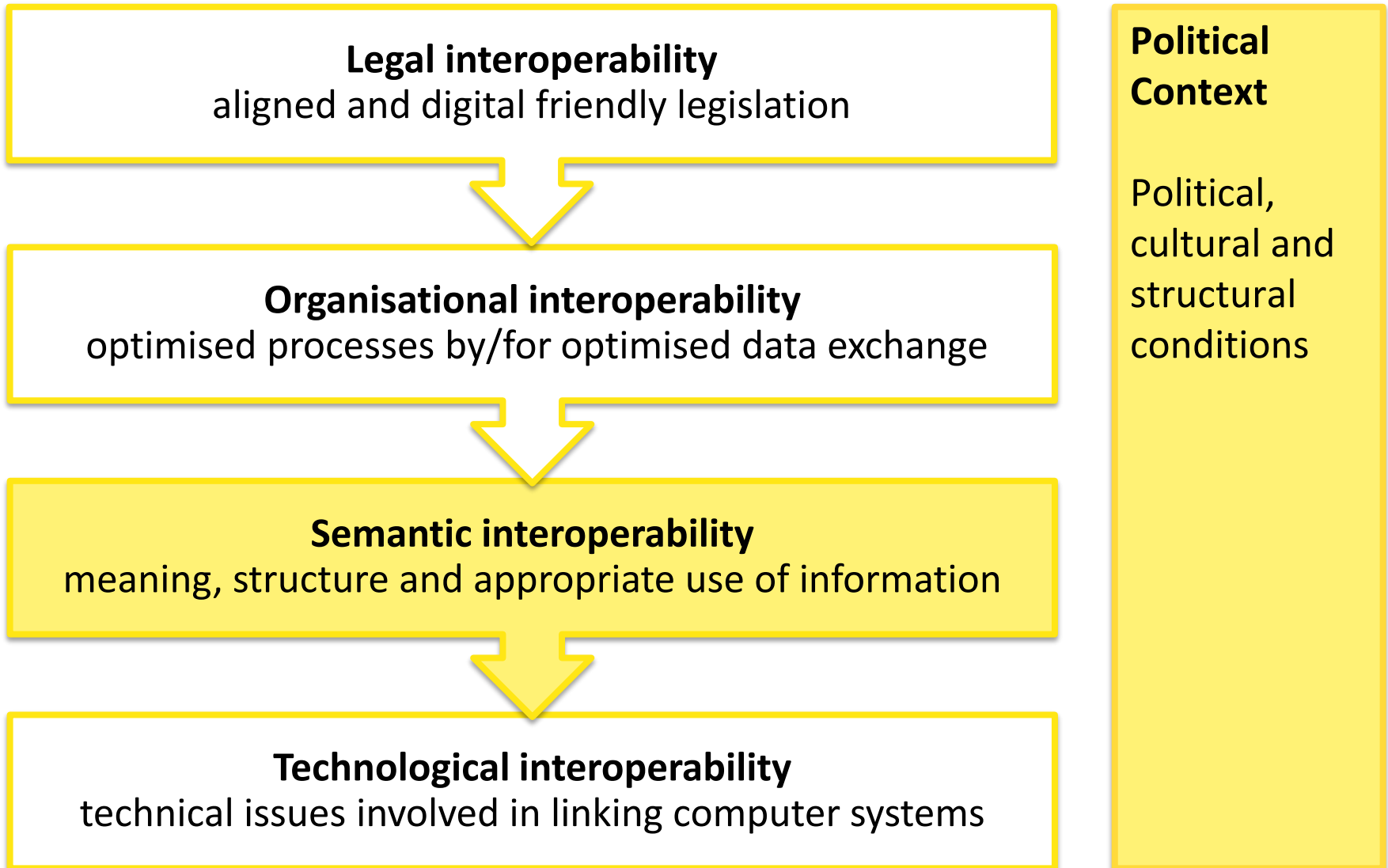


Enable proactive services via information sharing



Rethink (and simplify) service delivery process model

OSLO²: semantics + political context



Motivation for OSLO²

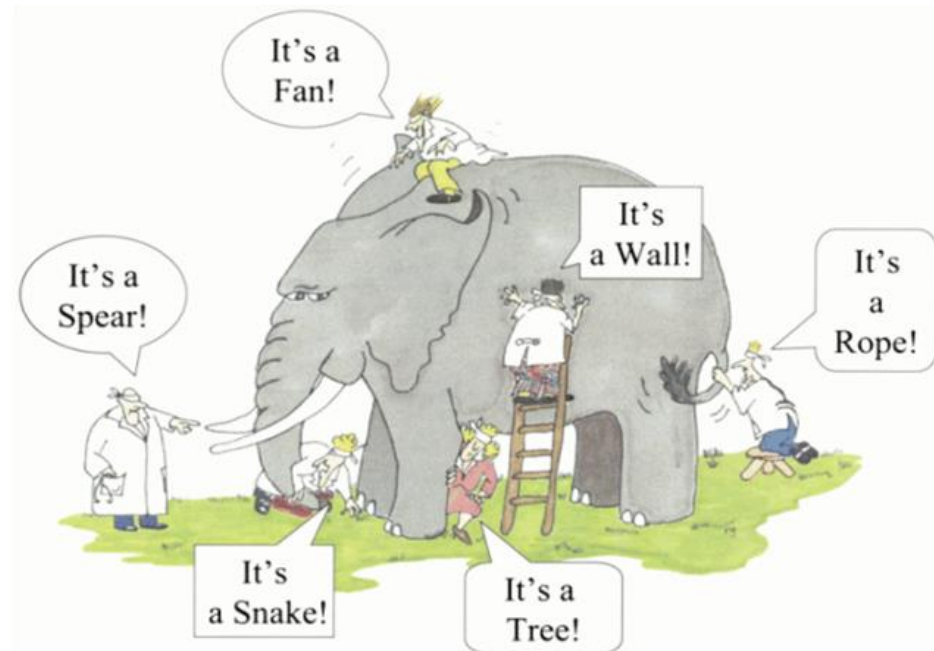
applications look at the 'real world' from different perspectives

information is structured/modelled from one perspective

authoritative sources exist as independent silo's

multiple investments for interlinking data

impact on the quality and the efficiency of public services.



Objectives for OSLO²

develop common standardisation methodology

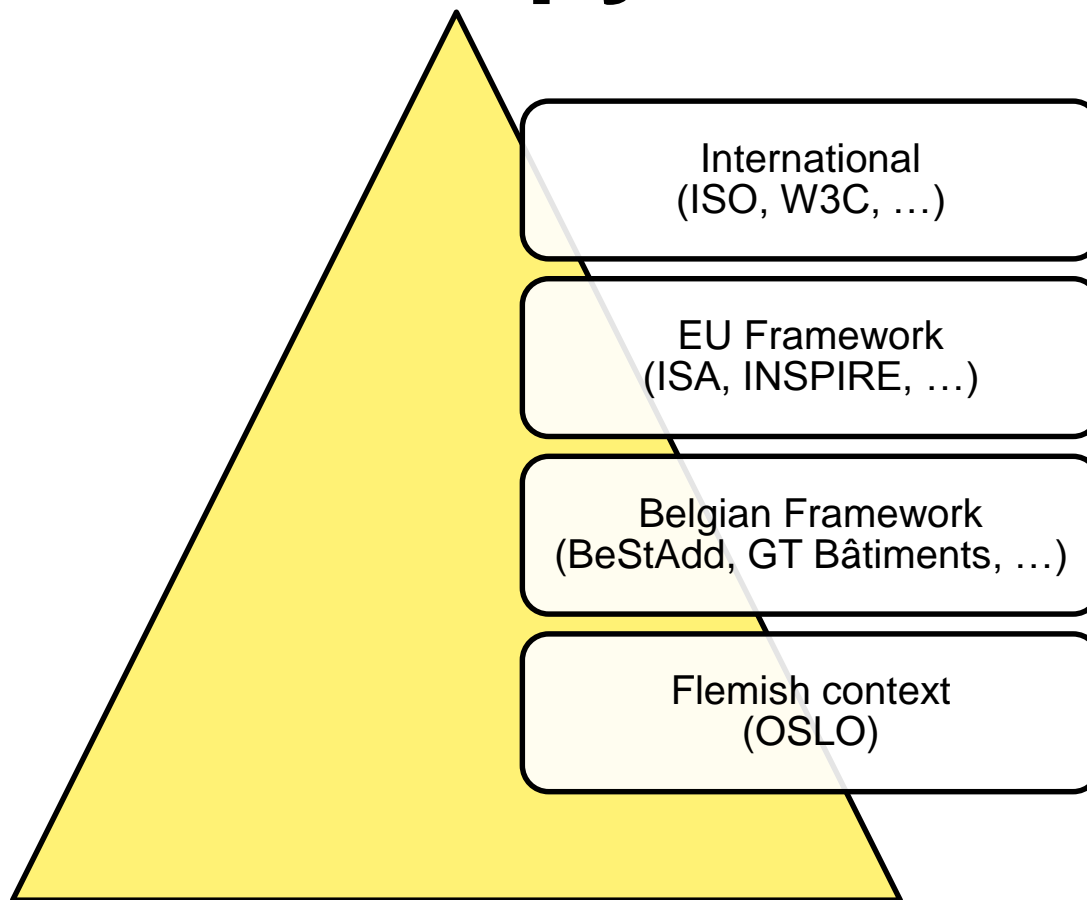
create context neutral OSLO² semantic models

aggregate information from different national, regional and local government information systems

create OSLO² enabled products (address LOD product)



Standardisation pyramid



EU ISA CORE
Vocabularies

CORE
PERSON
VOCABULARY

CORE
BUSINESS
VOCABULARY

CORE
LOCATION
VOCABULARY

CORE
PUBLIC
SERVICE
VOCABULARY

Local ISA
Extention

OSLO
PERSON
VOCABULARIES

OSLO
MEMBERSHIP
VOCABULARIES

OSLO
BUSINESS
VOCABULARIES

OSLO
LOCATION
VOCABULARIES

OSLO
PUBLIC
SERVICE
VOCABULARIES

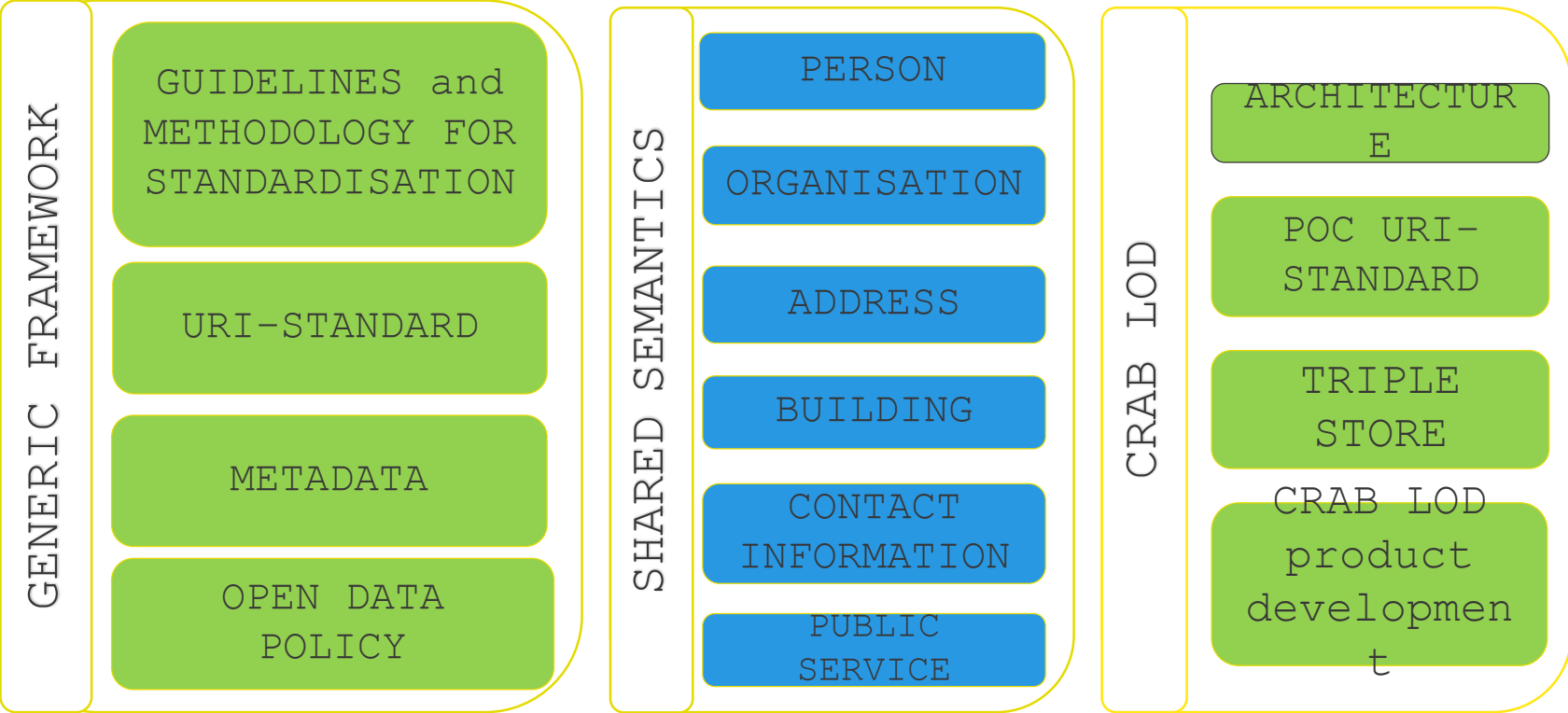


OSLO² - ISA² core vocabularies / INSPIRE

OSLO ² domain	ISA Core Vocabulary Working Groups INSPIRE data specifications
Person	Core Person Vocabulary
Organisation	Core Public Organisation Vocabulary Core Business Vocabulary
Membership	Roles and Mandates (?)
Service delivery	Core Public Services Vocabulary
Address, Building	Core Location Vocabulary INSPIRE data specification on Addresses INSPIRE data specification on Buildings



SCOPE OSLO² 2016

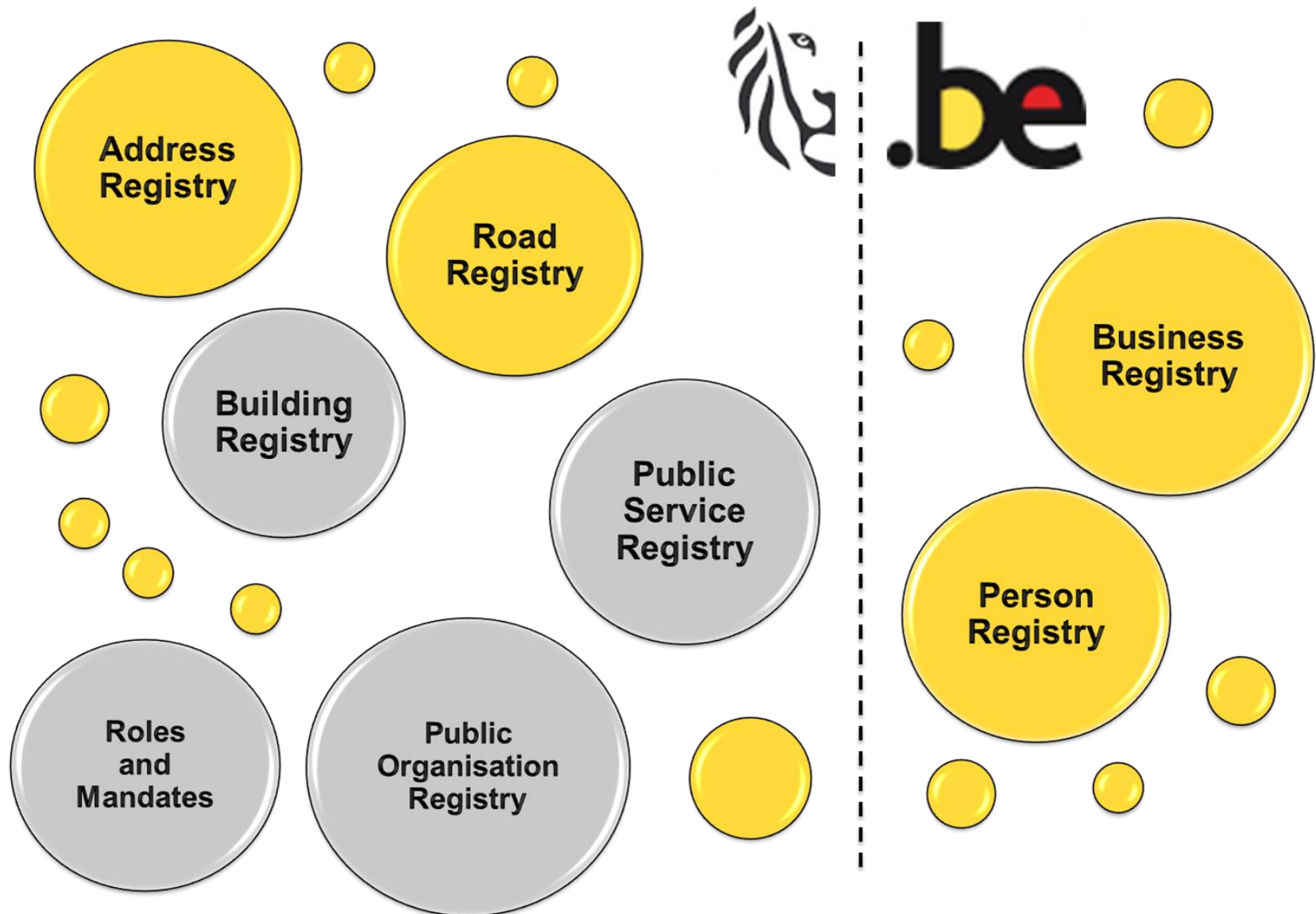


TECHNICAL WORKING GROUP

THEMATIC WORKING GROUPS

Alignment with ISA² CORE Vocabularies and INSPIRE

Linked Base Registries put interoperability into action



Base Registries definition



Base Registries are acknowledged by the Flemish Government

Base Registries have an important societal relevance and are widely used within business processes of the government

Base Registries are part of a semantic coherent system of objects and relations

Base Registries describe the lifecycle of objects

Base Registries Concept

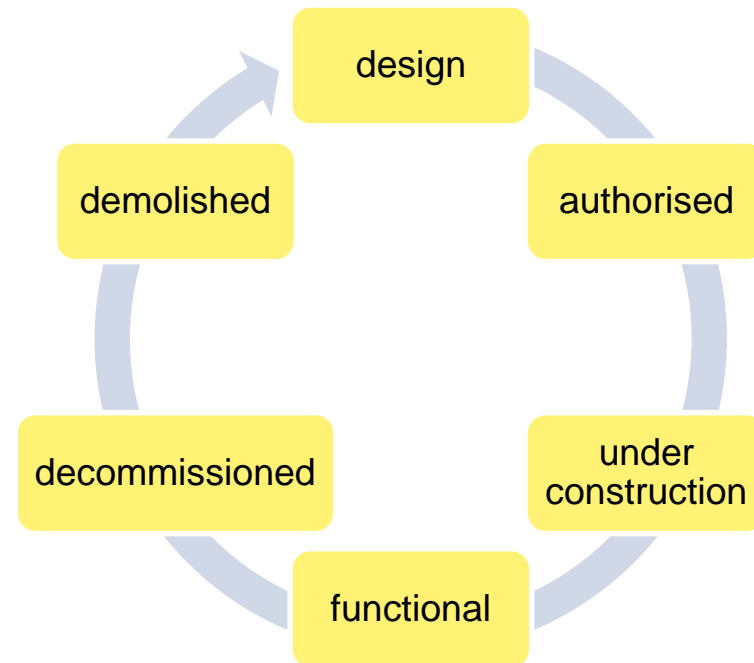
Registers only contain core information

Data in Registries work together

Persistent identifiers / lifecycle

Compulsory use and error reporting

Free open data



OSLO² - base registries

 OSLO enabled

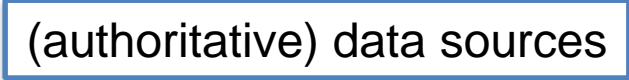
Information
Flanders
Products



Information
Flanders



Other
Government
s



Shared Semantics

take away

Semantic interoperability in line with ISA/INSPIRE establishes a regional foundation for interoperability

From 'open standards for local administrations' to 'open standards for linked organisations'

Evolution from 'authoritative data sources' to 'Linked Base Registries'

Address Register will be available as Linked Open Data in 2016

'Linked Base Registries are a key enabler for eGovernment in Flanders'

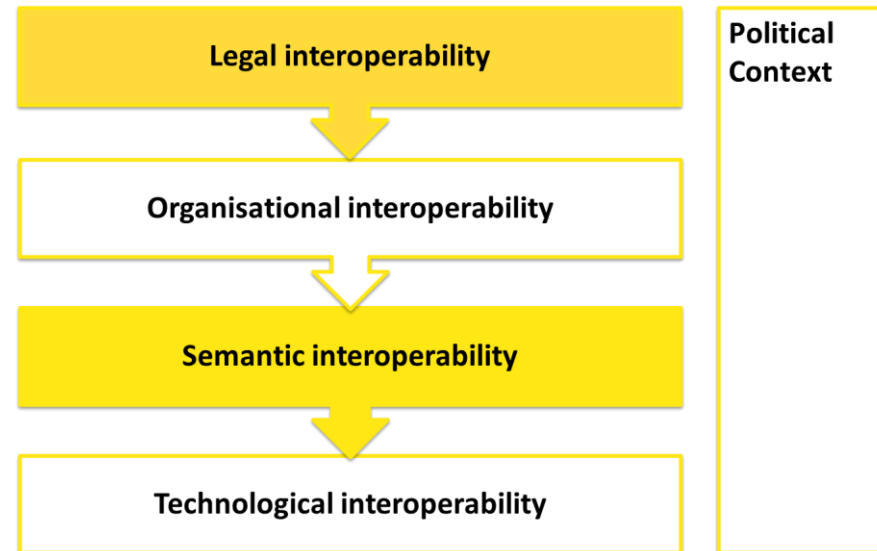




We Need Your Help
#OSLO2

Interoperability at the EU level

- Interoperability of ISA CORE VOCABULARIES and INSPIRE
- Will there be semantic convergence?
- Will there be an interoperable legal framework?



adding microdata to web pages (government portals)

- schema.org
SERPs-strategy of the
Flemish Government
- promote the ISA² /
OSLO² CORE building
blocks through the web.
- Does ISA² have a
strategy to annotate
web pages? Do you
think it's a good strategy
to combine both?





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overheid



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Open Standards for Linked Organisations

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EU Core Vocabularies in action:

INFORMATIE
VLAANDEREN

ISA