



Call: City without City Council Project: Following Linked Asset Information

Project context

Call: City without City Council



Following Linked Asset Information

Call 6 : Digital Transformation

Partners:

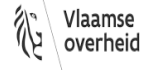
- City: Nijlen
- City: Knokke-Heist
- City: Antwerp
- City: Bruges
- City: Ostend
- **City: Ghent (initiator)**
- Flemish Agency for Roads and Traffic
- District 09, the IT service provider of Ghent
- Flemish umbrella organisation for the cities (Flemish Ministry for Interior Affairs)
- (Digital Flanders Agency)



B R U
G G E



AGENTSCHAP
BINNENLANDS
BESTUUR



Pitch: Following Linked Asset Information

For: citizens, visitors, students, companies, associations, partner organisations, suppliers, employees

Offer a renewed approach

Better management of assets on the public domain: quicker reporting, requests, suggestions, better data and tools

By

- 1) further developing existing regional and local technological building blocks, and coupling these building blocks to each other
- 2) Making the data available and interchangeable between all involved parties

In contrary to the existing way of working, this approach puts citizens central:

- one public domain, “the government” (“no wrong door” principle)
- more information on assets in the public domain (maintenance, regulations, etc.)
- easy and shorter processes,
- more customer focused cooperation between management of the public domain and city services,
- authentic data (“only once” principle)

In preparation for supporting Infrastructure Service Levels for Automated Driving (ISAD)

Where can we improve our services?

Problem statement:

- A citizen reports a dangerous situation due to damage at a traffic sign but does not need to know who manages the traffic sign
- A citizen asks for a parking place for a person with a disability but cannot follow the status of the request
- A citizen disputes a parking fine because according to the citizen the traffic sign was not there and is not legal, but must obtain the information via mail with the local government
- A road operator wants to get an image of maintenance works done at a specific traffic light but must search for the information in various maintenance files

Less burden

More customer friendly

More transparency

More efficiency

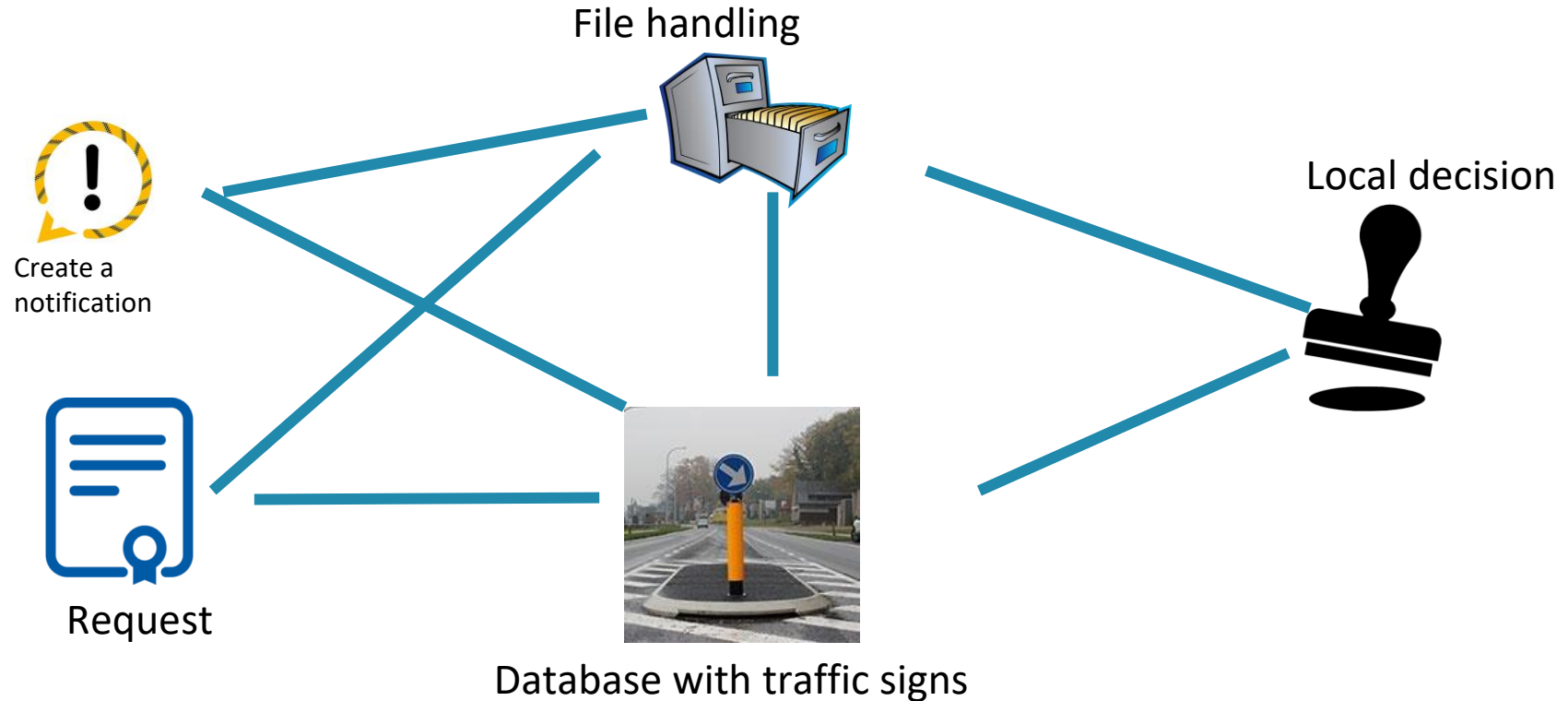
Duration of the project?

The project will run for three years

- **Starting on: 1 January 2023**
- **Running until: 31 December 2025**

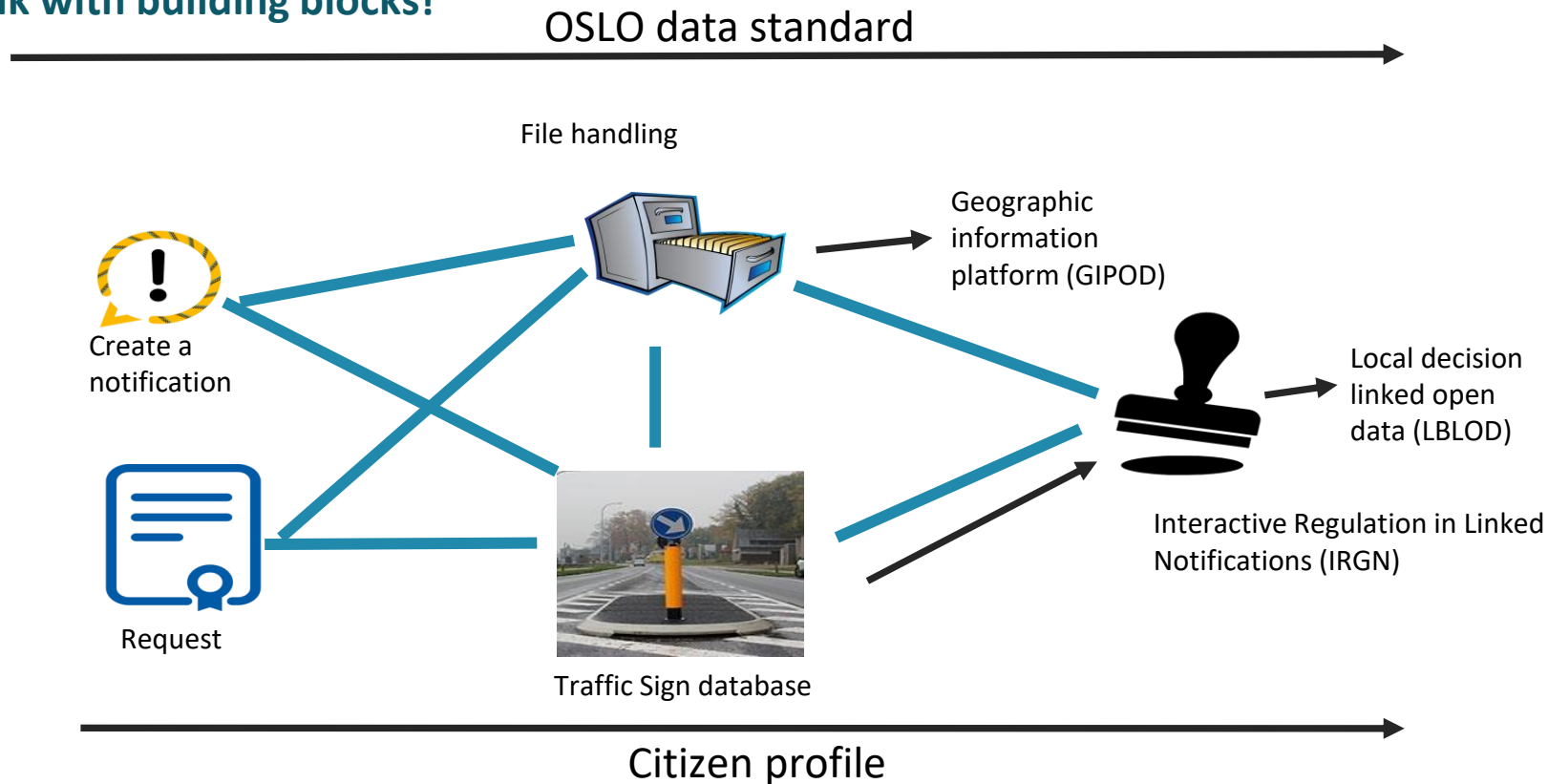
Towards a solution by linking building blocks...

Data as fundament!
Software as a tool!



Towards a solution by linking building blocks...

Link with building blocks!



Project parts and milestones

Two parallel project parts

Part 1: lead by AWW

Conversion of *Verkeerborden.Vlaanderen* to *Verkeerssignalisatie Vlaanderen*

Focus on Objectives 1 to 4.

Aims at the complex dataset of traffic signalisation and targets a more efficiënt government.

10 milestones in the project:

Realisation of traffic signalisation and (temporary) additional regulations

*Milestones**: (1) process descriptions lyfe cycle of traffic signalisation (corporate architecture), (2) Data standards (data-architecture), (3) Database and migration of traffic signalisation data, (4) Tools traffic signalisation (software architecture), (5) Generate additional regulations automatically (interface [IRGN](#))

Part 2: lead by city of Ghent

Realisation prototype concepts and feedback

Focus om objective 3 to 7.

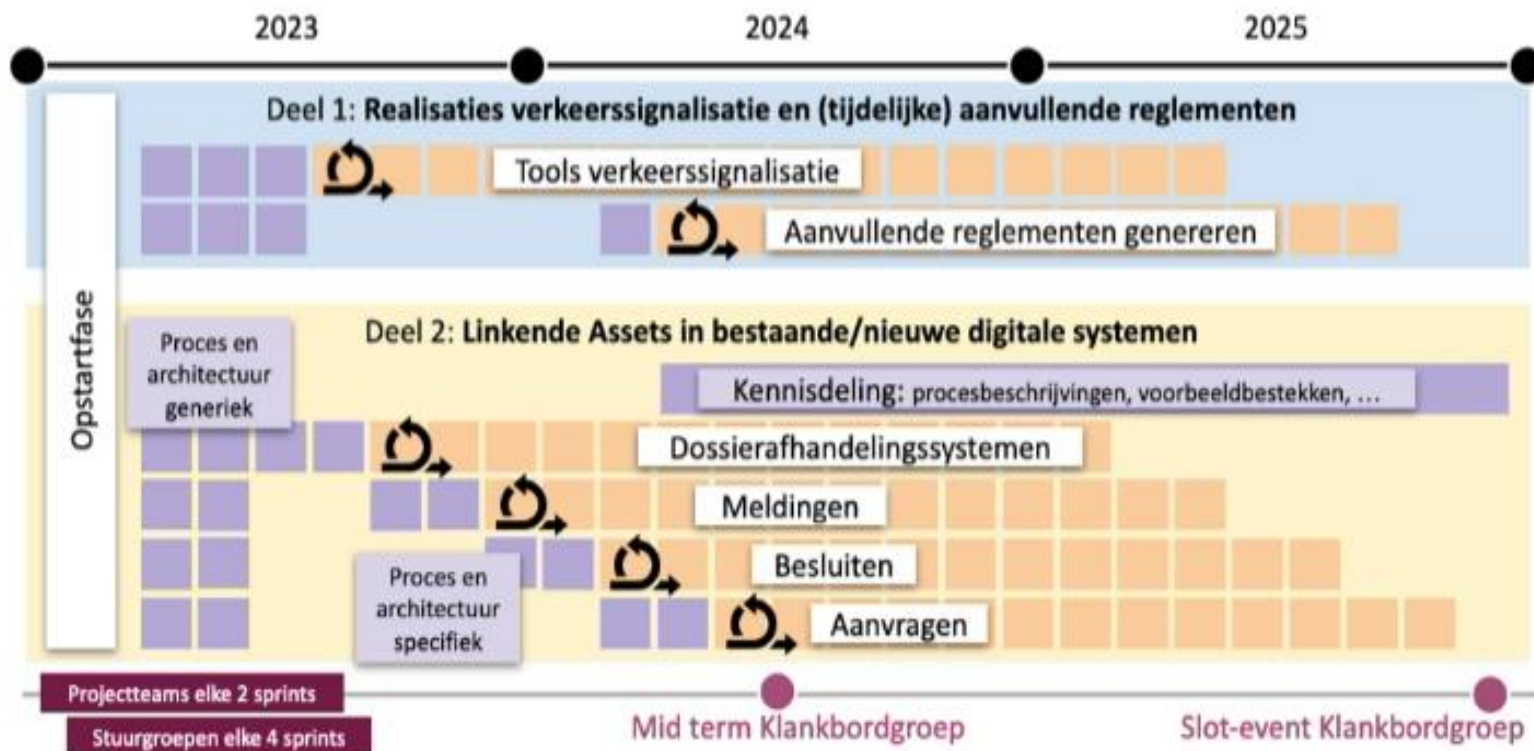
Aims at innovative services to citizens with smaller and less complex datasets (eg. Varging infrastructure, public toilets, ...), in order to use this approach for more complex datasets such as traffic signalisation

Linked assets in existing and new digital systems systems - concepts, prototypes/MVP's and feedback

*Milestones**: (6) process descriptions: connect 'assets' to processes and actions in the life cycle, architecture, (7) Linking Assets (LA) in file handling systems, (8) Linking assets in Notifications, (9) Linking assets in 'Local Decisions', (10) Linking assets in Requests

Milestones AWW

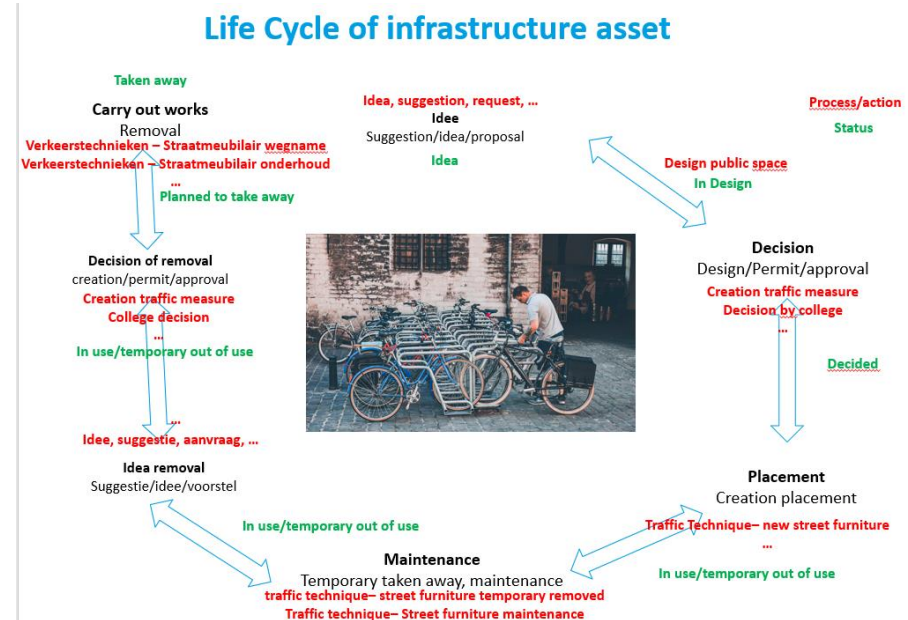
Project planning part 1 & 2



Milestones AWW

Part 1: Realisation traffic signalisation and (temporary) additional regulations

- (1) **Proces descriptions life cycle traffic signalisation** (corporate architecture) → Processes and architecture irt life cycle of traffic signalisation is created (*new building block, potentially reuse Open Process Library*)
- (2) **Data standards** (data-architecture) → New and renewed data standards: data can be structured according to the standards that involved actors are following (*OSLO-OD, AWW-OTL, Decision, ...*)
- (3) **Database and migration of data of traffic signlisation** → Database with traffic signalisation, from which the data is available and described sematically for reuse within own/other software (*new building block traffic signalisation Flanders in order to make the data available*)
- (4) **Tools traffic signalisation** (software architecture) → Tools for drawing traffic signalisation, traffic signs and road markings combined (*new building block Traffic Signalisation Flanders, reuse building block Road Register, Adresse Register, Register of Measures, ...*)
- (5) **Generate Additional regulations automatically** (Interface [IRGN](#))



3-year planning

