DIGITAAL VLAANDEREN

Vlaamse overheid

Flanders Smart Data Space

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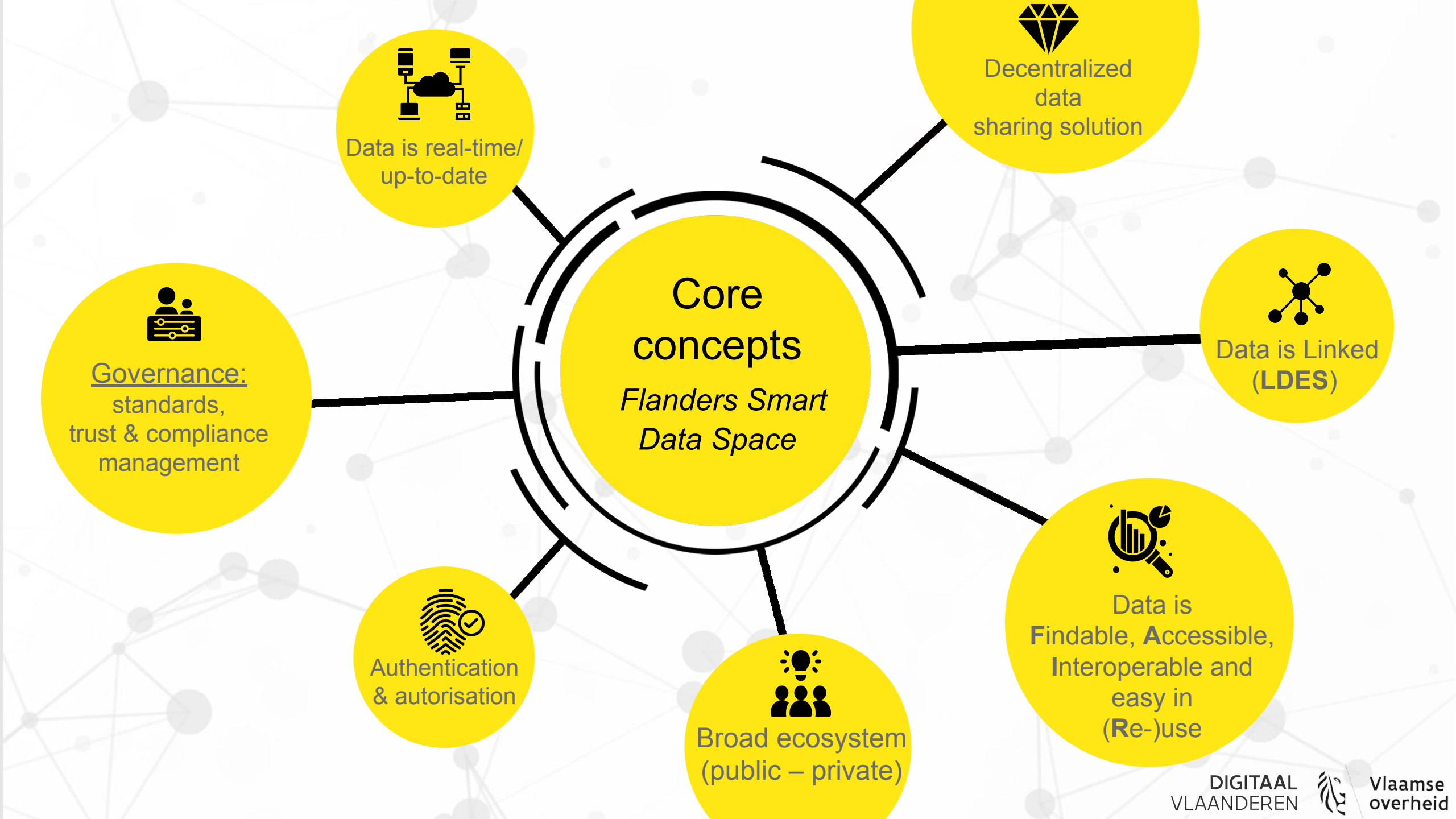

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VSDS
Flanders Smart Data Space

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Building blocks

-- Standards --

Metadata inbox

Server
Connectors
Filter
Anonimisation
Aggregation
Archiving

Fragmentation
Client
Search
Query
Authentication &,Autorisation

DATA PUBLISHERS

DATA
DATA
DATA

DATA CONSUMERS / APPLICATIONS

Ecosystem

Government
Local authorities
Academia & research institutions
Private organisations

1st domain use case

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- Data integrationservices for Smart Mobility (DIM)

WP 1

Data integrationservices for smart mobility for shared mobility/Hoppin

OSLO
standaard voor uitbouw Hoppin databank

LDES

GIPOD
'Generiek Informatieplatform Openbaar Domein': Hinderance on public domain LDES

GTFS(-RT)
General Transit Feed Specification (– Real time): Data from public

WP 2

Reference-implementation and integration for/with locale governments

Building a **reference-implementation** as a basic implementation for cities and municipalities:

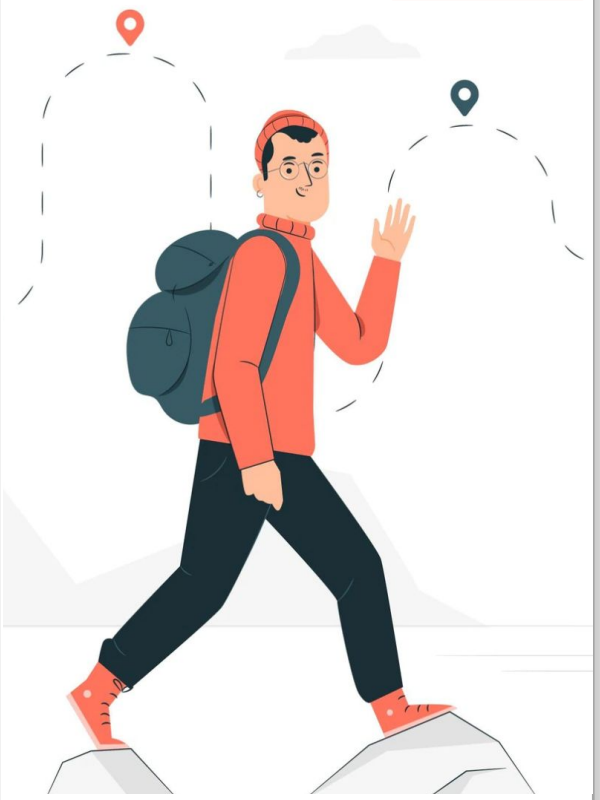
- analyse the existing solution architecture
- developing and integration in the use case with city of Antwerp

WP 3

Traffic flows (ANPR, OBU)

ANPR as linked data event stream and OBU analysis as potential linked data event stream

WP 4



Business Case personalized mobility experience

2nd domain use case

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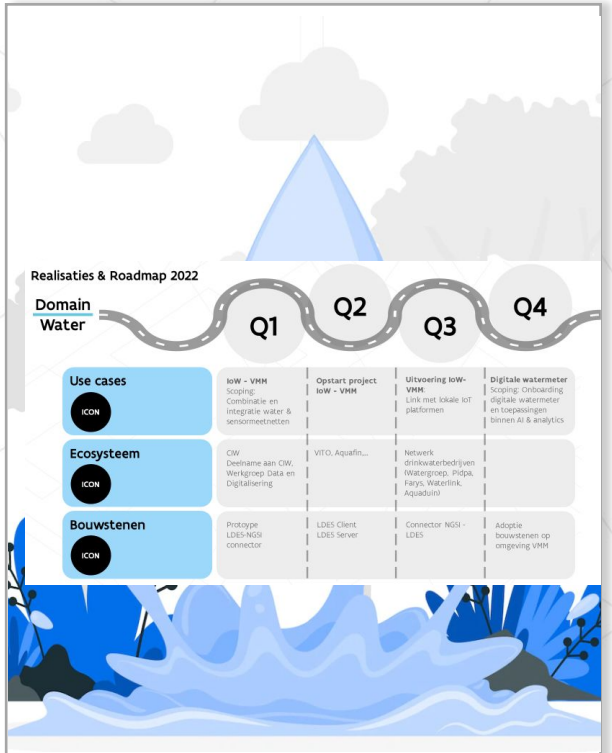
Water Dataspace

Set up Water Data Space

Identification stakeholders and use cases water (ism CIW Data & Digitalisering)



Internet of Water: Sensors waterquality

'Virtual' compaction of the watersensor network

Smart Watermeter

Onboarding data from digital watermeters to the smart data space

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Governmental organisation

VMM, ABB, MOW, ...

Local Authorities

VVSG, KCVS, …

Ecosystem

- Interoperabel
- Decentral

Private organisations

ICT-companies,
data-tech companies, …

Research & academic institutions

Imec, VITO, universities, …

Questions or suggestions?

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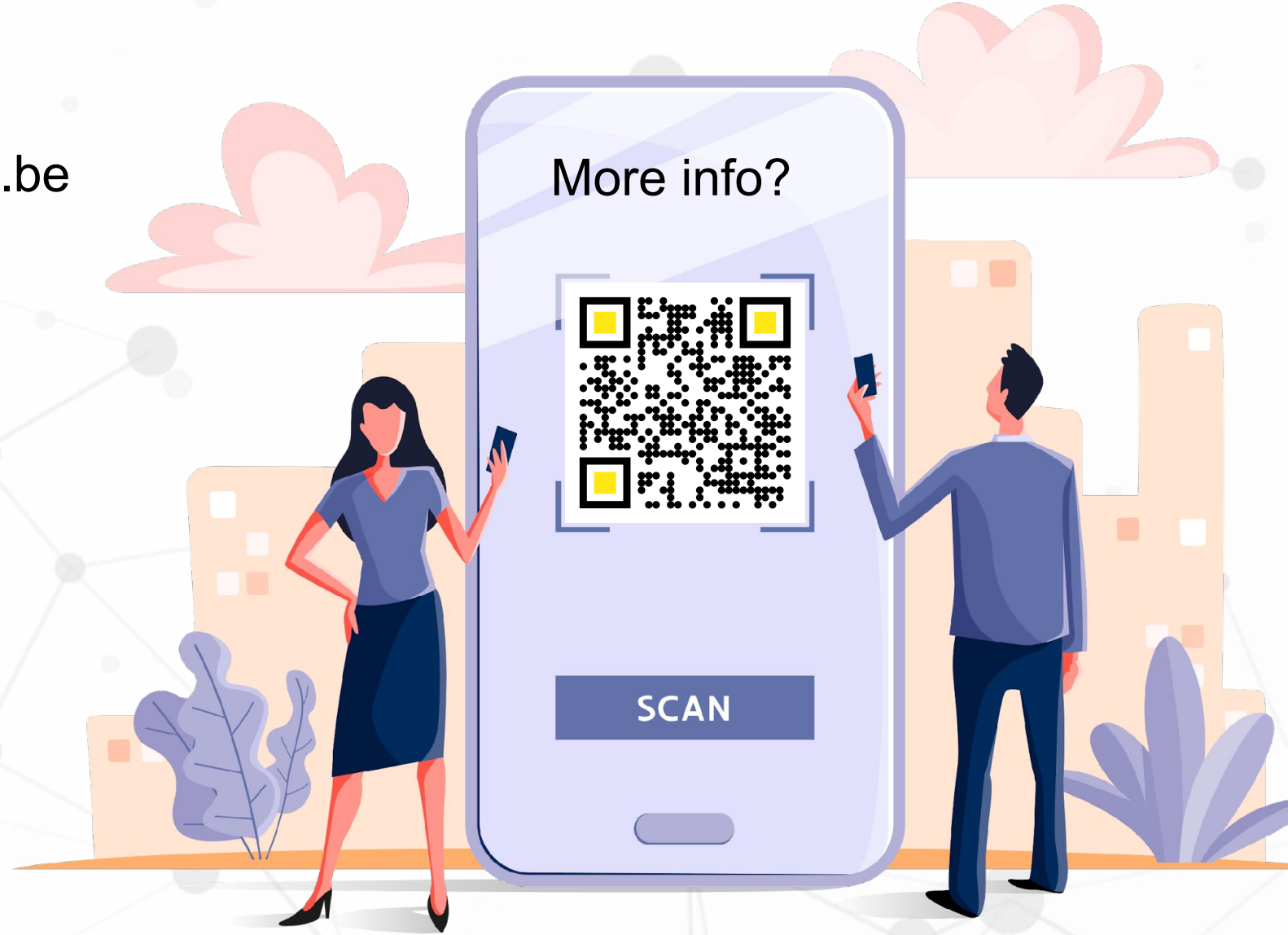

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THANK YOU

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