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Pushing boundaries of (meta-)data interoperability and discoverability with Datavindplaats and Geopunt

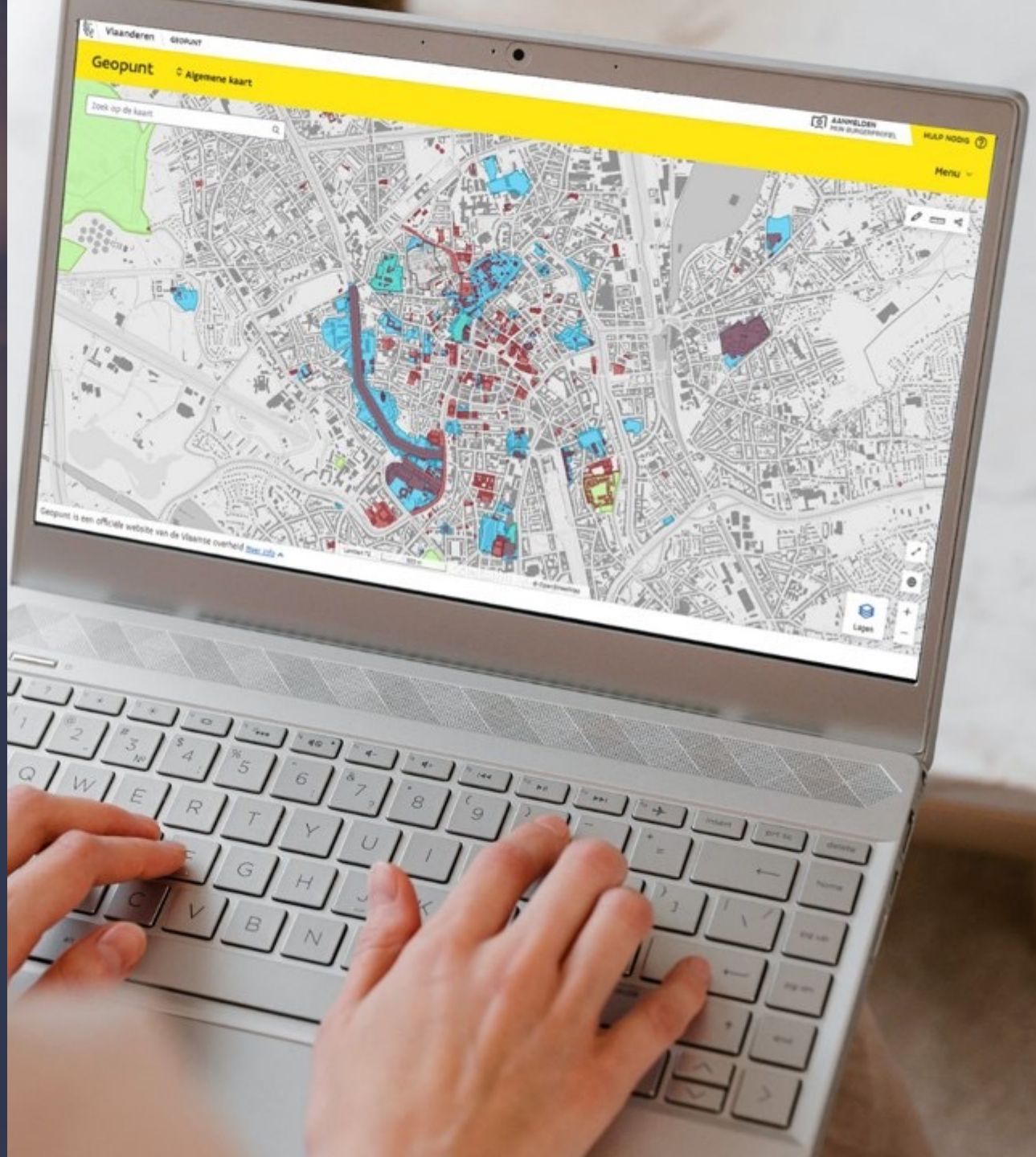
Laura D'heer, Loes Deventer & Geraldine Nolf

**DIGITAAL
VLAANDEREN**



**Vlaamse
overheid**

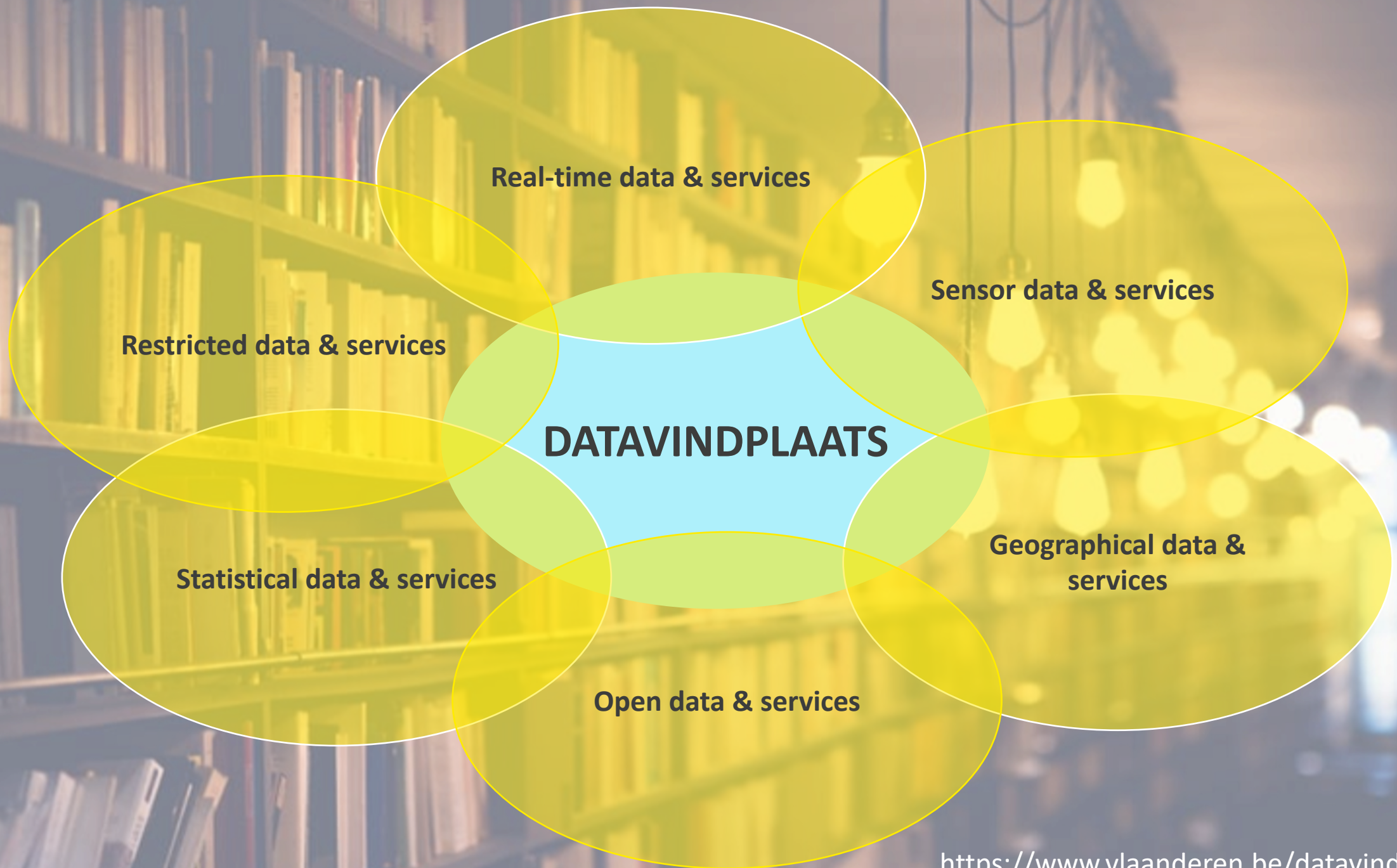




A photograph of a library with rows of bookshelves filled with books. Several light bulbs are hanging from the ceiling, casting a warm glow. The background is slightly blurred, emphasizing the foreground shelves and lights.

Datavindplaats

**Access to the most extensive range of information
in Flanders via one central platform:
reliable and secure**



Real-time data & services

Sensor data & services

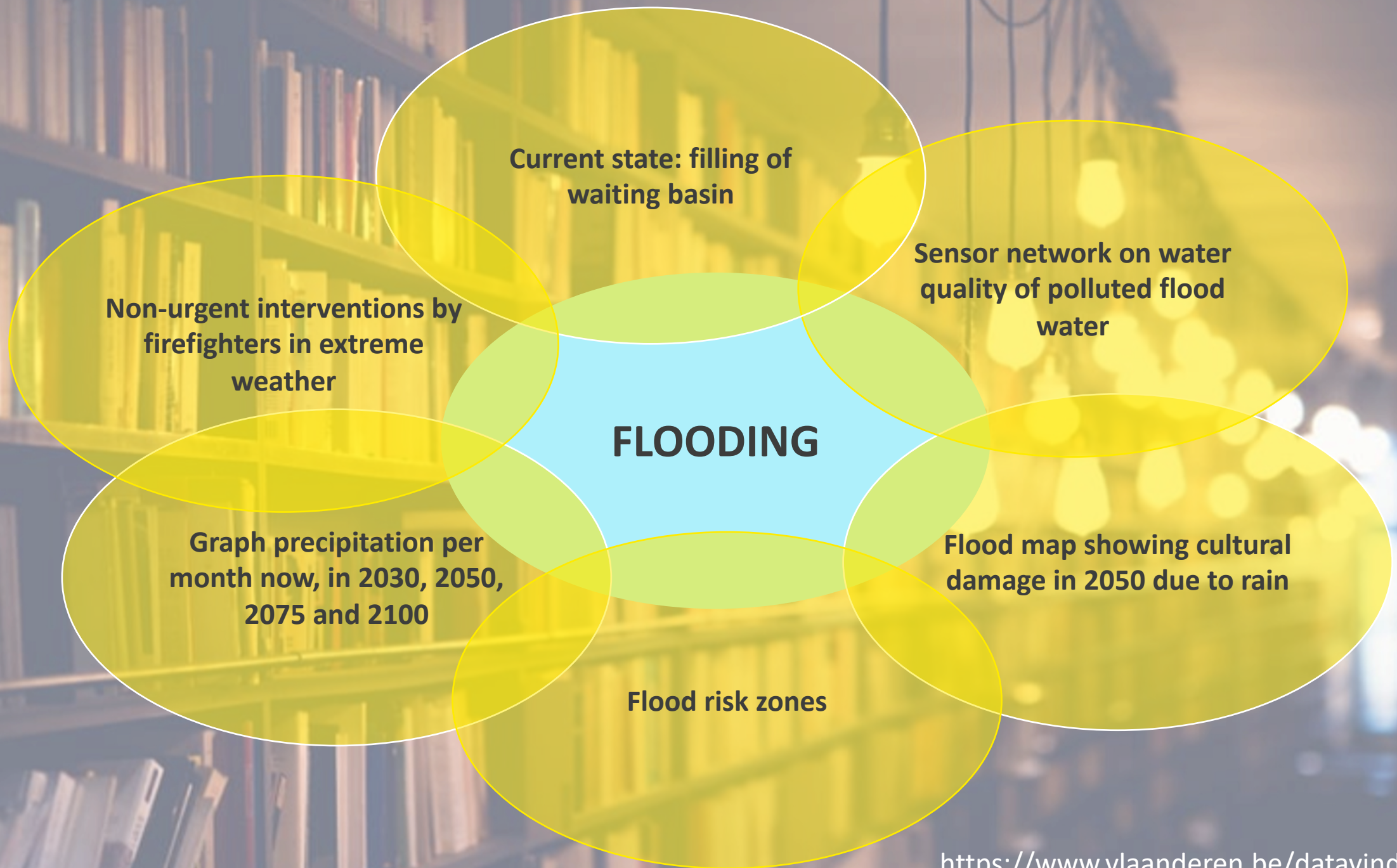
Restricted data & services

DATAVINDPLAATS

Geographical data & services

Statistical data & services

Open data & services



SEARCH THE DATA LOCATION

flooding

THEME

- Agriculture, fishing, forestry and food 3
- Medium 226
- Government and public sector 4
- Regions and cities 1
- Science and technology 1

TYPE

- dataset 228
- service 13

DATASET FORMAT


- JSON 9
- HTML 9
- GML 183
- Esri Shape 6
- Esri File Geodatabase 3
- CSV 1

[Show all](#) ▾

ACCESSIBILITY

- Not public 11
- Audience 217


241 results

Sort relevance ▾**Naturally floodable areas** Dataset Audience

Area-wide demarcation and differentiation of naturally floodable areas in Flanders. The demarcation of the NOG has been equated with the entirety of alluvial soils, peat areas and polder soils as mapped on the soil map of Belgium in the period 1947-1973, published on a scale of 1:20,000. The nature of the...

Esri ShapeGML**WFS Naturally floodable areas** Dataservice Access without conditions

Direct download service for naturally floodable areas

XML**Floodable Area** Dataset Not public

This map shows the areas where there is a risk of flooding. These floods can occur from both waterways and the sea. The map shows the extent of the flood for the three different flood scenarios (low probability, medium probability, high probability).

WMTS**Risk zones floods 2017** Dataset Audience

The flood risk zones are a combination of both the modeled flood areas and the recently flooded areas corrected based on the Digital Height Model-Flanders (DHM). Both maps were combined via an envelope contour. Flood risk zones are places that have been or may be exposed to recurring and significant...

SEARCH THE DATA LOCATION

flooding

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Naturally floodable areas

Dataset

Audience

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Esri Shape

GML

WFS Naturally floodable areas

Dataservice

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XML

Floodable Area

Dataset

Not public

This map shows the areas where there is a risk of flooding. These flood risk zones are defined based on the Digital Height Model-Flanders (DHM) and the sea. The map shows the extent of the flood for the three different probability levels (low probability, medium probability, high probability).

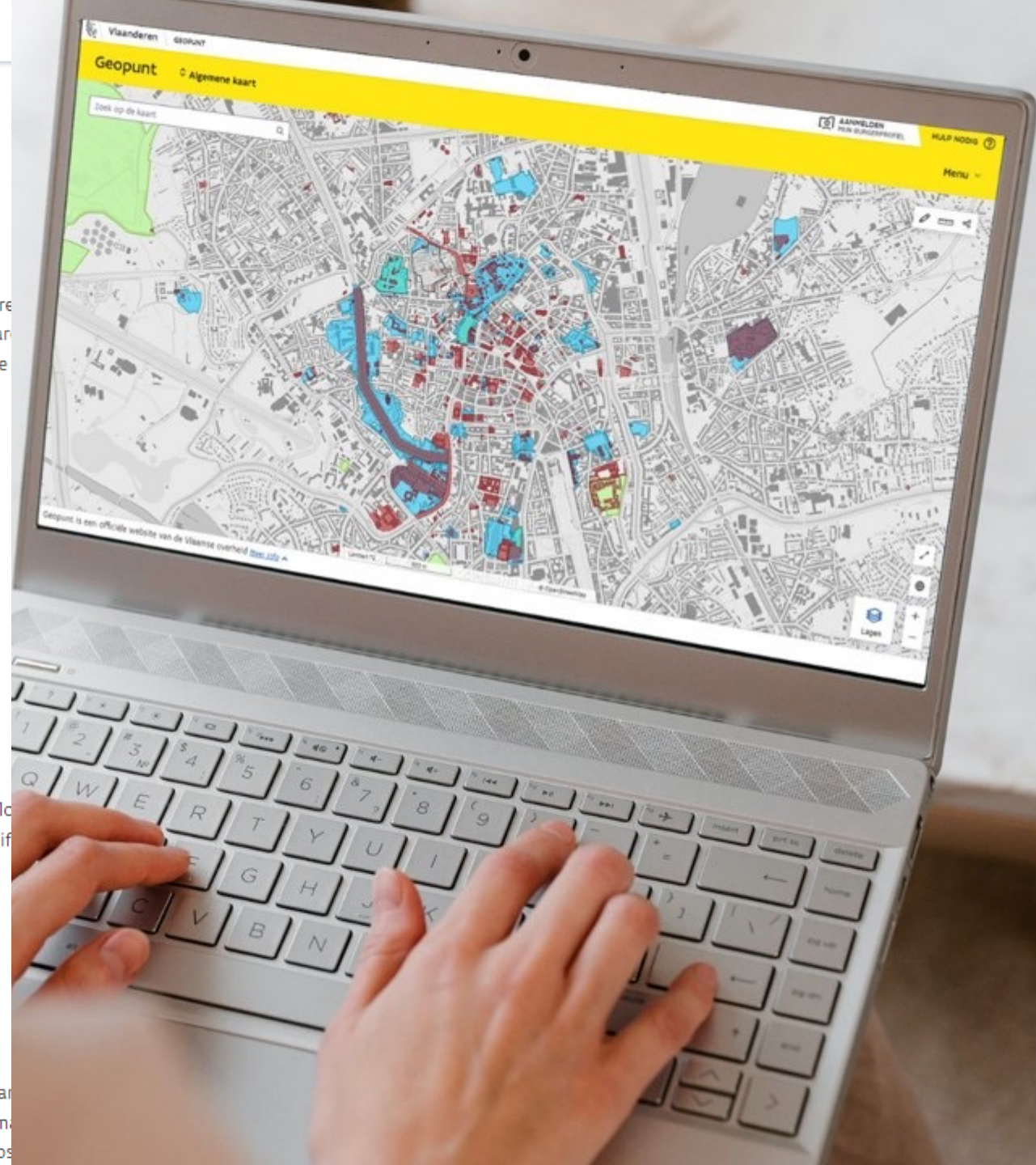
WMTS

Risk zones floods 2017

Dataset

Audience

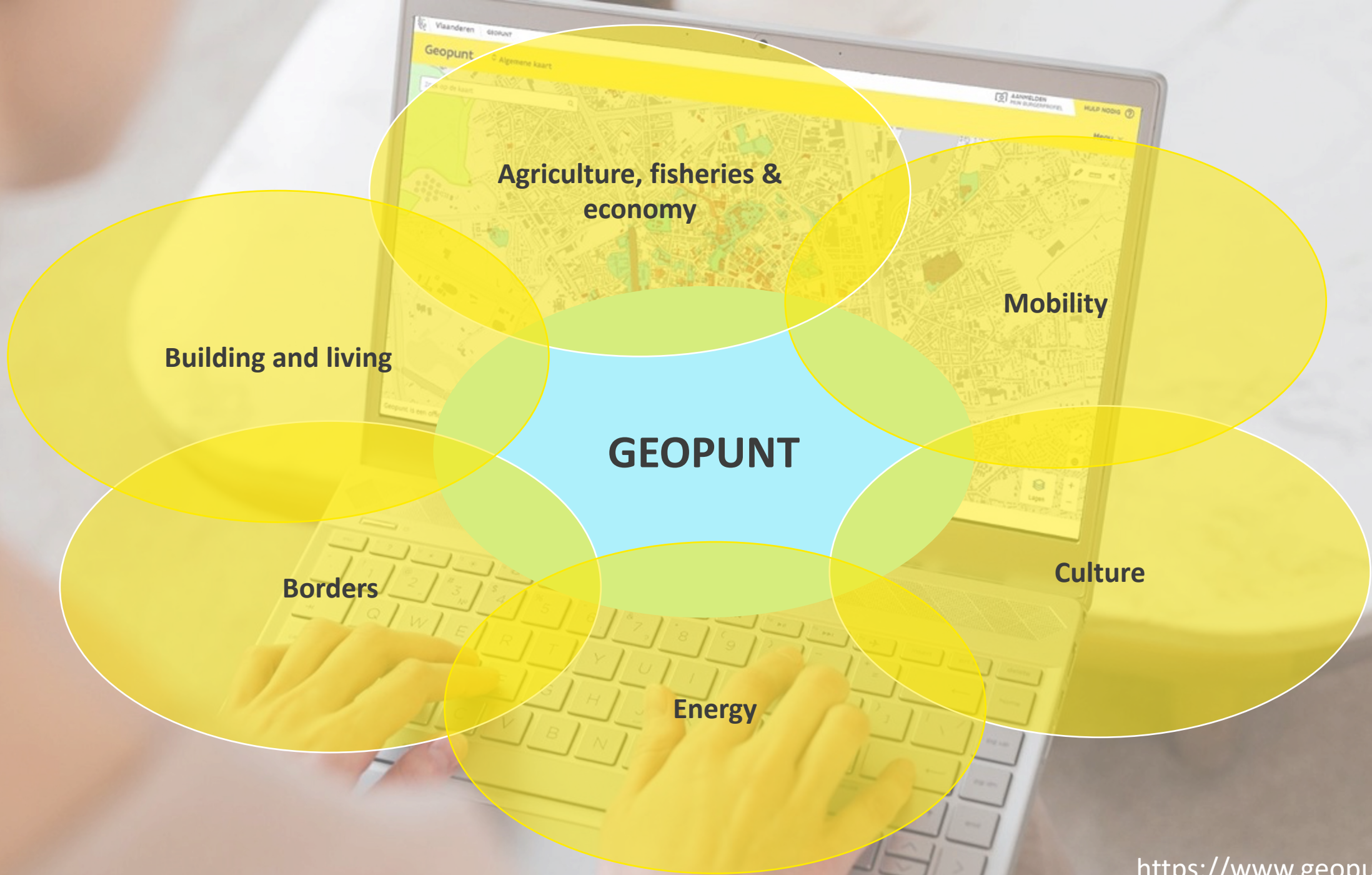
The flood risk zones are a combination of both the modeled flood areas and the flood risk zones. The flood risk zones are corrected based on the Digital Height Model-Flanders (DHM). Both models are used to define the flood risk zones. Flood risk zones are places that have been or may be exposed to flooding.





Geopunt

Relevant geographic data and services brought to users in a smart and user-friendly way: central gateway to geographic government information



**Water quality management
areas management
agreement**

**Keeping coastal ports
operational despite sea level
rise**

**Flood prone areas
from the sea**

FLOODING

**Flood map showing cultural
damage in 2050 due to rain**

River basin boundaries

Hydropower



< Layers

flooding

- Flood areas and riparian zones Integrated Water Policy
- Flood risk zones, 2017
- Water test: flood-prone areas fluvial, 2023
- Water test: flood-prone areas pluvial, 2023
- Water test: flood-prone areas from the sea, 2023
- Water test: flood-prone areas, 2017
- Flood risk zones: new and confirmed risk zones
- Risk zones for flooding: no more risk zones
- RVV Riparian Zones and Flood Areas Integrated Water Policy
- Recently flooded areas
- Water test: advice card, 2023
- Naturally floodable areas
- Signal areas

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Naturally floodable areas

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WFS Naturally floodable areas

- Dataservice
- Access without conditions

Direct download service for naturally floodable areas

Floodable Area

- Dataset
- Not public

This map shows the areas where there is a risk of flooding. These flood risk zones are defined by the extent of the flood for the three different probability, medium probability, high probability).

Risk zones floods 2017

- Dataset
- Audience

The flood risk zones are a combination of both the modeled flood areas and the flood risk zones. The flood risk zones are corrected based on the Digital Height Model-Flanders (DHM). Both maps show the extent of the flood for the three different probability, medium probability, high probability). Flood risk zones are places that have been or may be exposed to flooding.



Layers ✕


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Will this architectural heritage suffer water damage from rain in 2050?

Flood risk map Cultural damage map - PLUVIAAL - future climate (with climate projection 2050) - high probability

 Data set

 Audience

Show on Geopunt map 

▼ Add layer to your Geopunt map

Description

This map shows the cultural impact (impact on architectural heritage) of a flood due to intense precipitation with a low probability, medium probability and high probability in the future climate (with climate projection 2050). The cultural impact is calculated based on the cultural value and the water depth expressed in a relative cultural impact score per architectural heritage.

ON THIS PAGE

[Description](#)

[Preview](#)

[Distributions](#)

[Layers](#)

[Download services](#)

[Offered by data service](#)

[More info](#)

[Contact](#)

Publisher	FLEMISH ENVIRONMENTAL SOCIETY
Published	22/12/2019
Application scale	1:100000
Reference system	http://www.opengis.net/def/crs/EPSG/0/31370
Theme	Environment



Clicked location ✕

Flood risk map - Cultural damage map - PLUVIAL - future climate - high probability ^

gml_description cultural risk (relative cultural impact score/m²/year)

xml_type

localId e5d509834-d6b8-49ec-9ecb-885461dcd5f7

namespace http://data.vlaanderen.be/doc/GebiedenMetNatuurrisks/Risico

hazardCategory http://inspire.ec.europa.eu/codelist/NaturalHazardCategoryValue/flood

specificHazardType

assessmentMethod

qualitativeValue

quantitativeValue 4

quantitativeValue_uom score/m²/year

risk 4

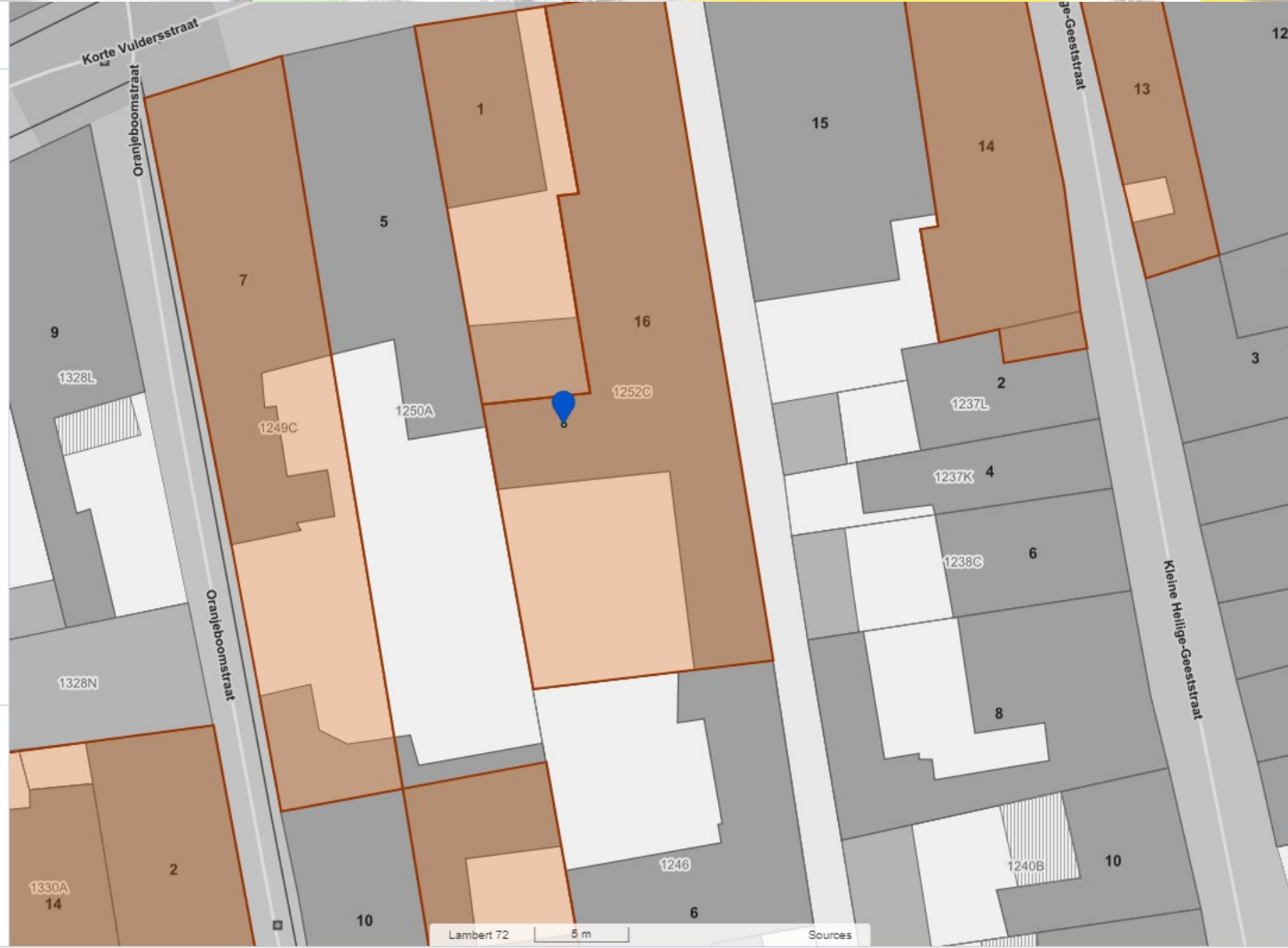
Established architectural heritage ^

Designation ID 30105

Name Town house with stepped gable

Applicable start date 2009-09-24

URI <https://id.erfgoed.net/indicationsobjecten/30105>



Layers ✕

[+ Add layers](#) [+ Via service](#)

Flood risk map - Cultural damage map - PLUVIAL - future climate - high probability

Established architectural heritage

[Remove multiple layers](#)

BACKGROUND [Basic map of Flanders: GRB gray](#) ^

Geopunt is an official website of the Flemish government [More info](#) ^

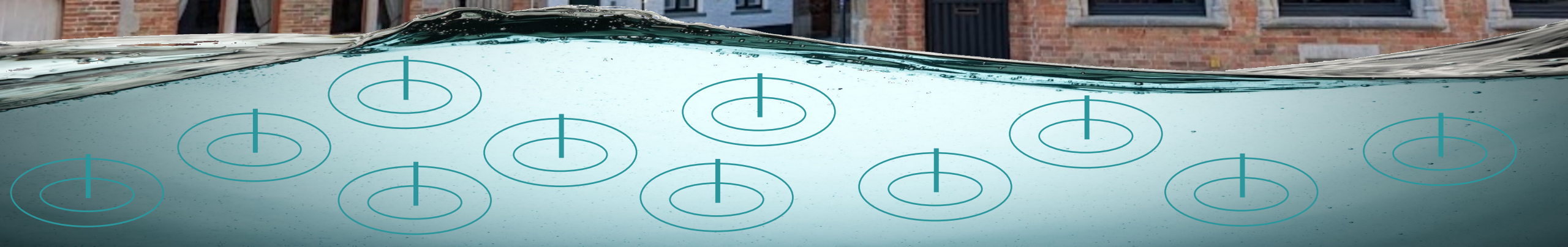


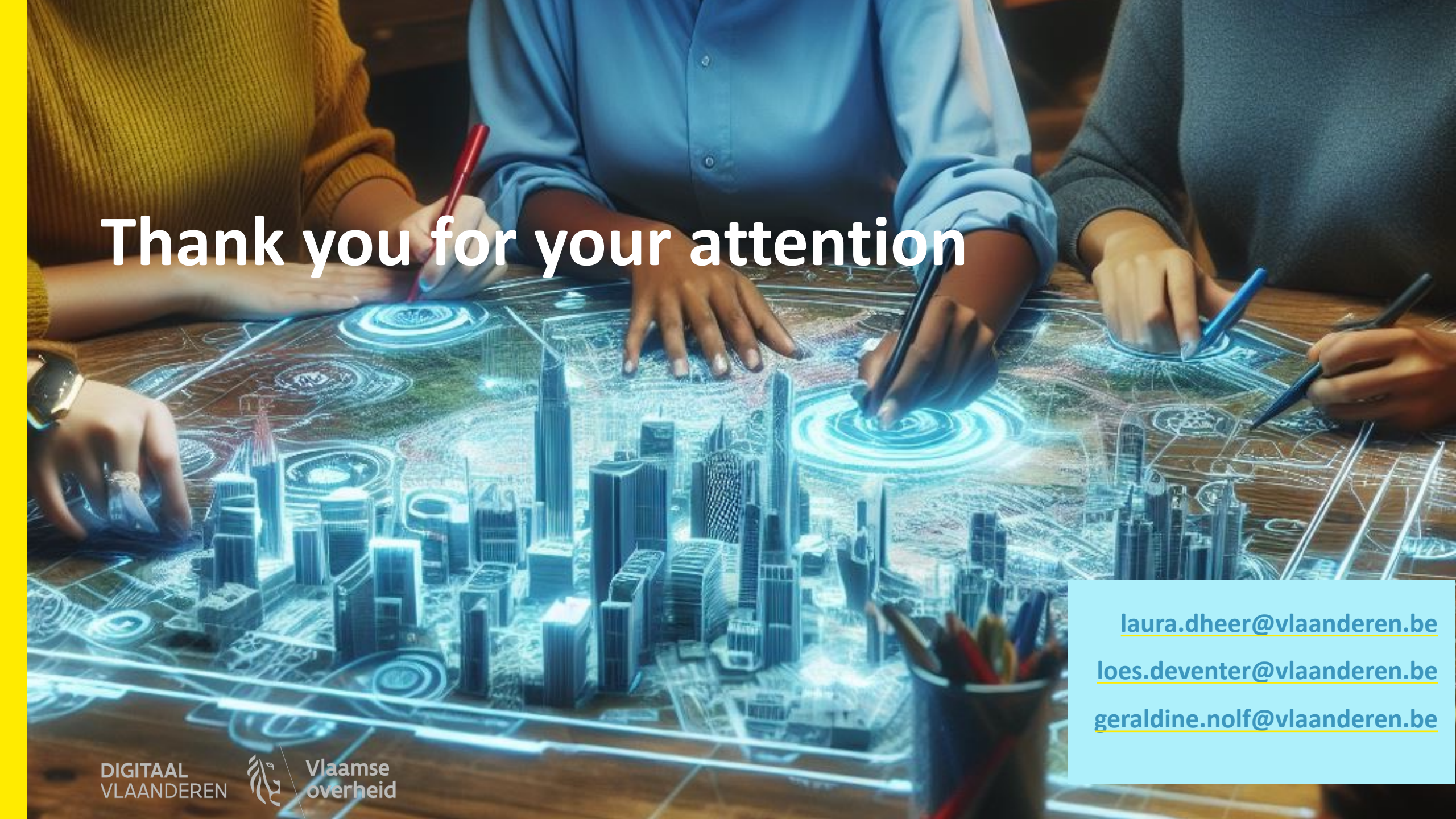


16

69

REYLOF DE BUECK
1931 1958





Thank you for your attention

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geraldine.nolf@vlaanderen.be

DIGITAAL
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Vlaamse
overheid



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