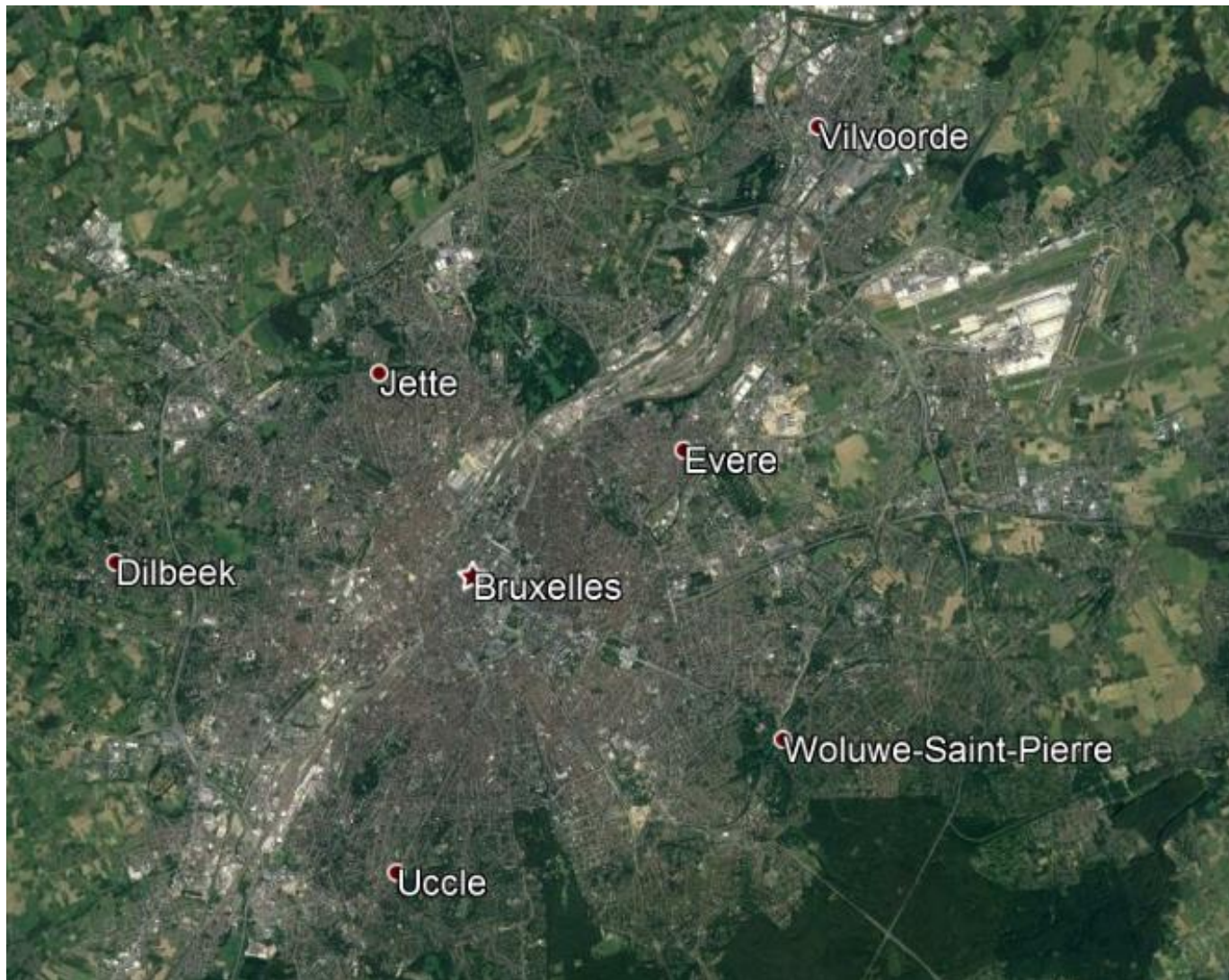# Can an economic activities inventory fill the knowledge gap about the economic sector in a policy making process?

Federico Giaretta, Architecture Workroom Brussels, BE
Jan Zaman, Department Omgeving - Flemish Regional Government, BE

Presentation structure

- Introduction

- Methodology

- Analysis and results

- Conclusion / Next steps

Introduction

Introduction

Brussels in the last decades

Rapid growth of services and knowledge economy

Loss of industrial sites and activities

Demographic growth

Lack of knowledge about the economic sector

What industry is left???

1975

2003

Methodology

Learning by doing process

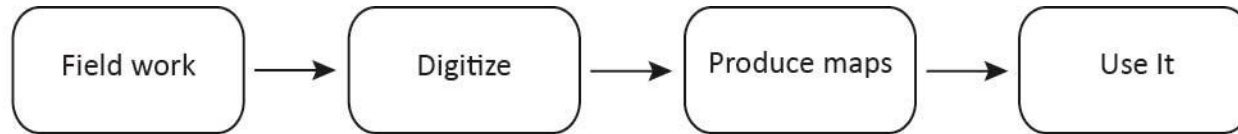Mapping all visible economic units

Vacant spaces included

Based on field work and desktop research

Ms Access database related to GIS
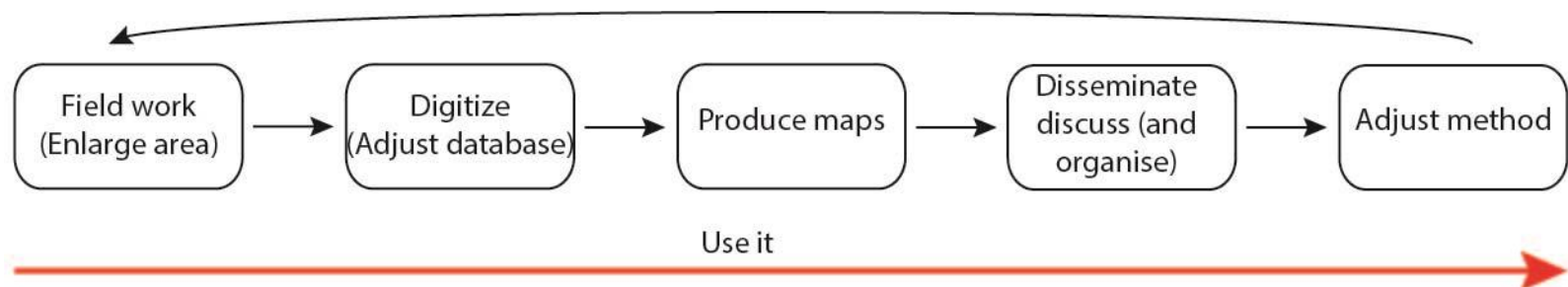
Methodology

First phase

First feedbacks and comments

Gaining interest from other stakeholders:

London Metropolitan University - POM Vlaams Brabant - Municipalities

Successive phases

Methodology

Adjustments

Final categorization (36 categories)

GIS analysis

Qualitative data about companies

Connect to other databases
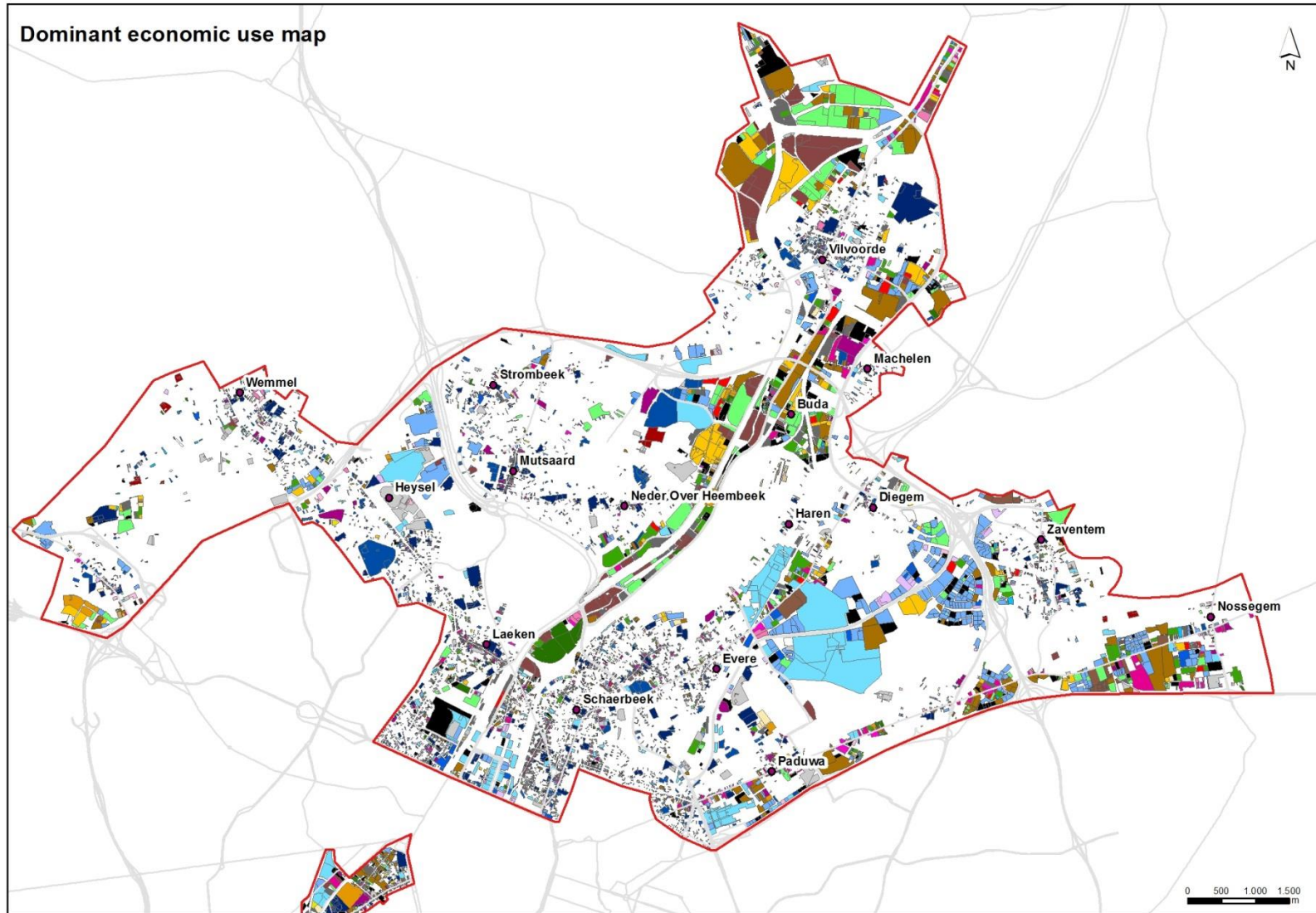
Stakeholders involved

KU Leuven

Province of Vlaams Brabant

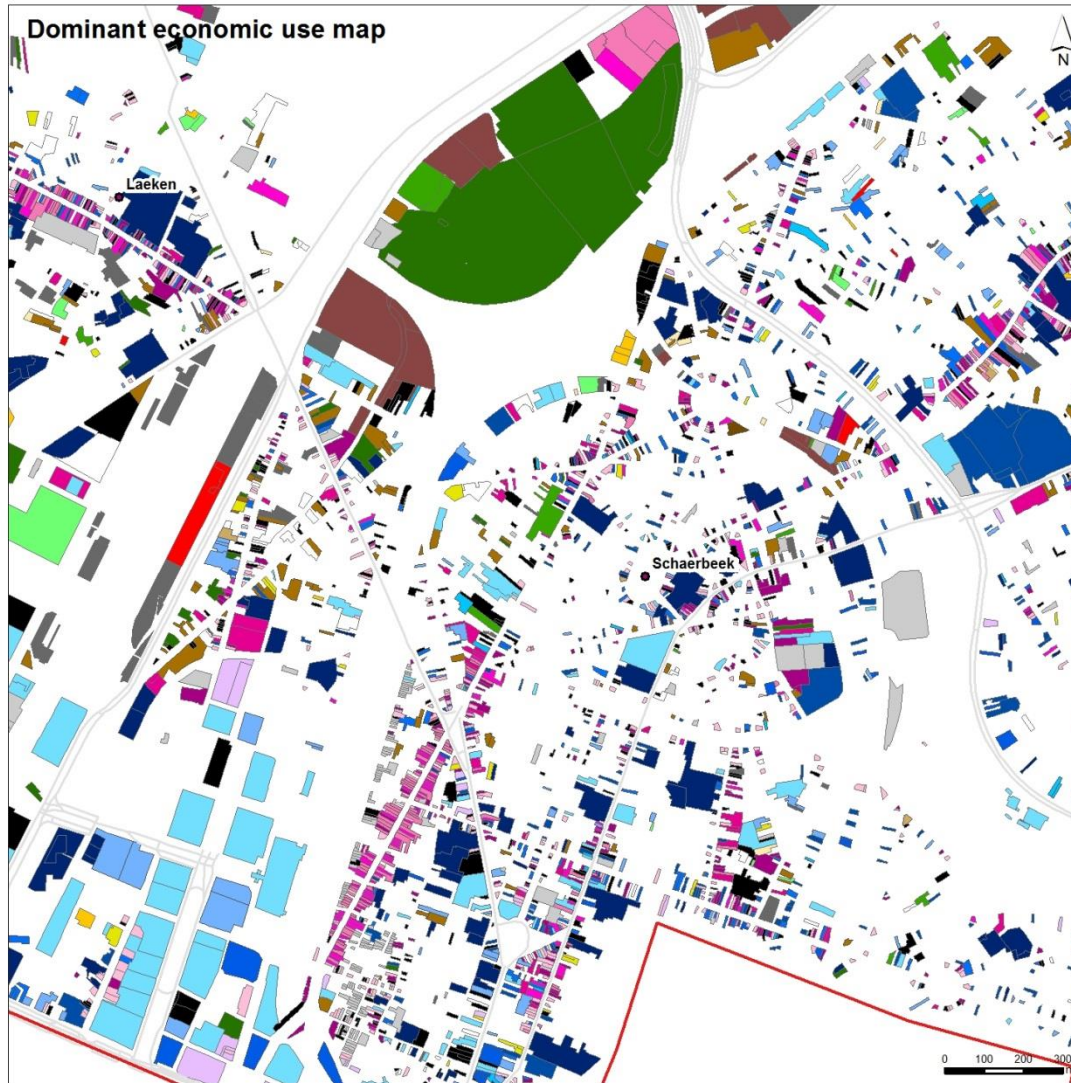Brussels capital region – Perspective Brussels

ULB Brussels – Cosmopolis

OVAM - Public Waste Agency of Flanders

Analysis and results

Dominant economic use map

Analysis and results

Dominant economic use map

Legend:
- Manufacture: Agriculture
- Manufacture: Metals & Machinery
- Manufacture: Food, Beverages & Catering
- Manufacture: Other
- Printing & Publishing
- Utilities
- Vehicle: Air
- Vehicle: Bicycles
- Vehicle: Cars and Trucks
- Vehicle: Railways
- Vehicle: Water
- Construction
- Wholesale: Food & Beverage
- Wholesale: Other
- Transport & Storage
- Servicies: Education
- Servicies: Financial, insurance, Legal consultancy
- Servicies: Healt Care
- Servicies: Other Personal
- Services: Professional and Creative
- Supporting Services
- Servicies: Public
- Retail: Food
- Retail: Construction
- Retail: Other
- Retail: Personal
- Restaurants, Cafés & Takeaways
- Hotels, B&B
- Arts, Culture, Leisure and Sports
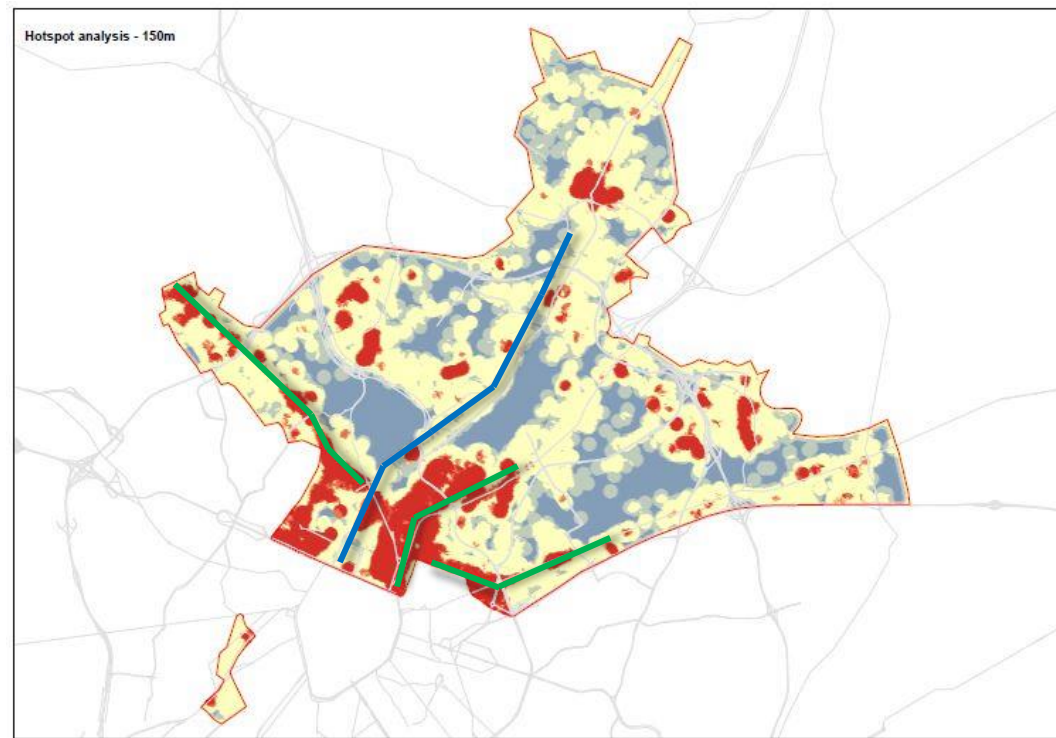- Faith
- Unknown
- Vacant

Analysis and results

Hot spot analysis

Statistical analysis about number of companies

Getis-Ord GI* ArcMap tool

Difference stance bands (150m – 500m – 1000m)

Hotspot analysis - 150m
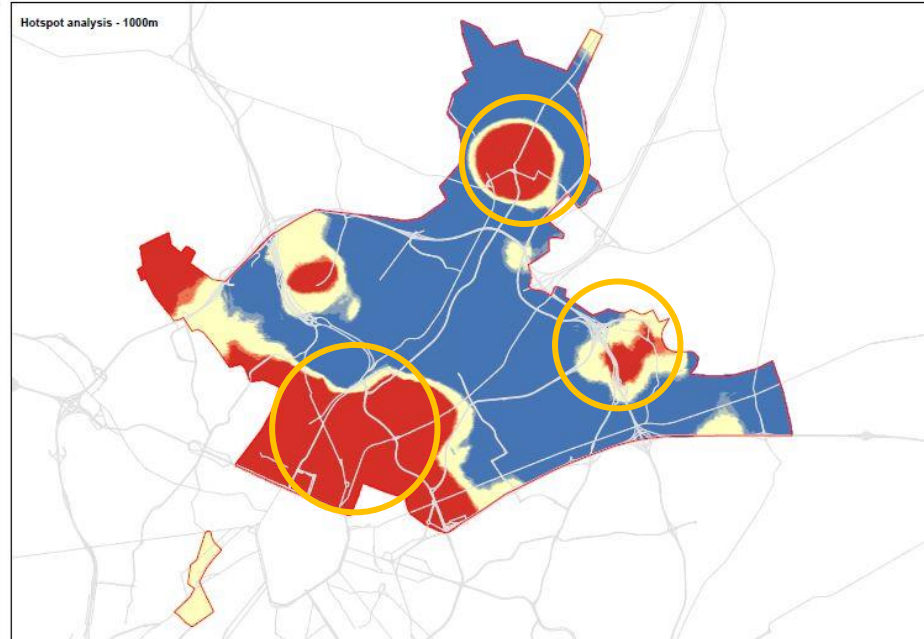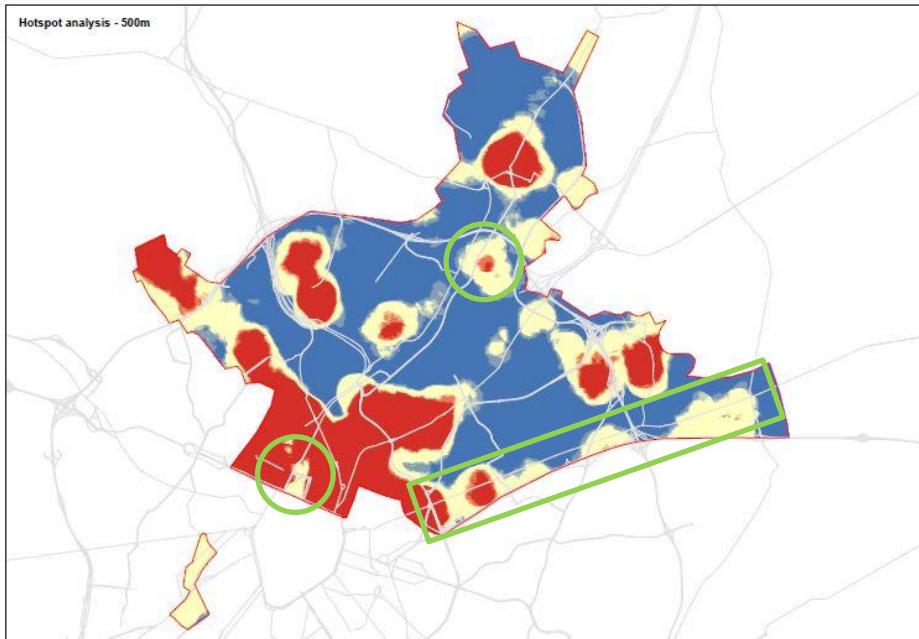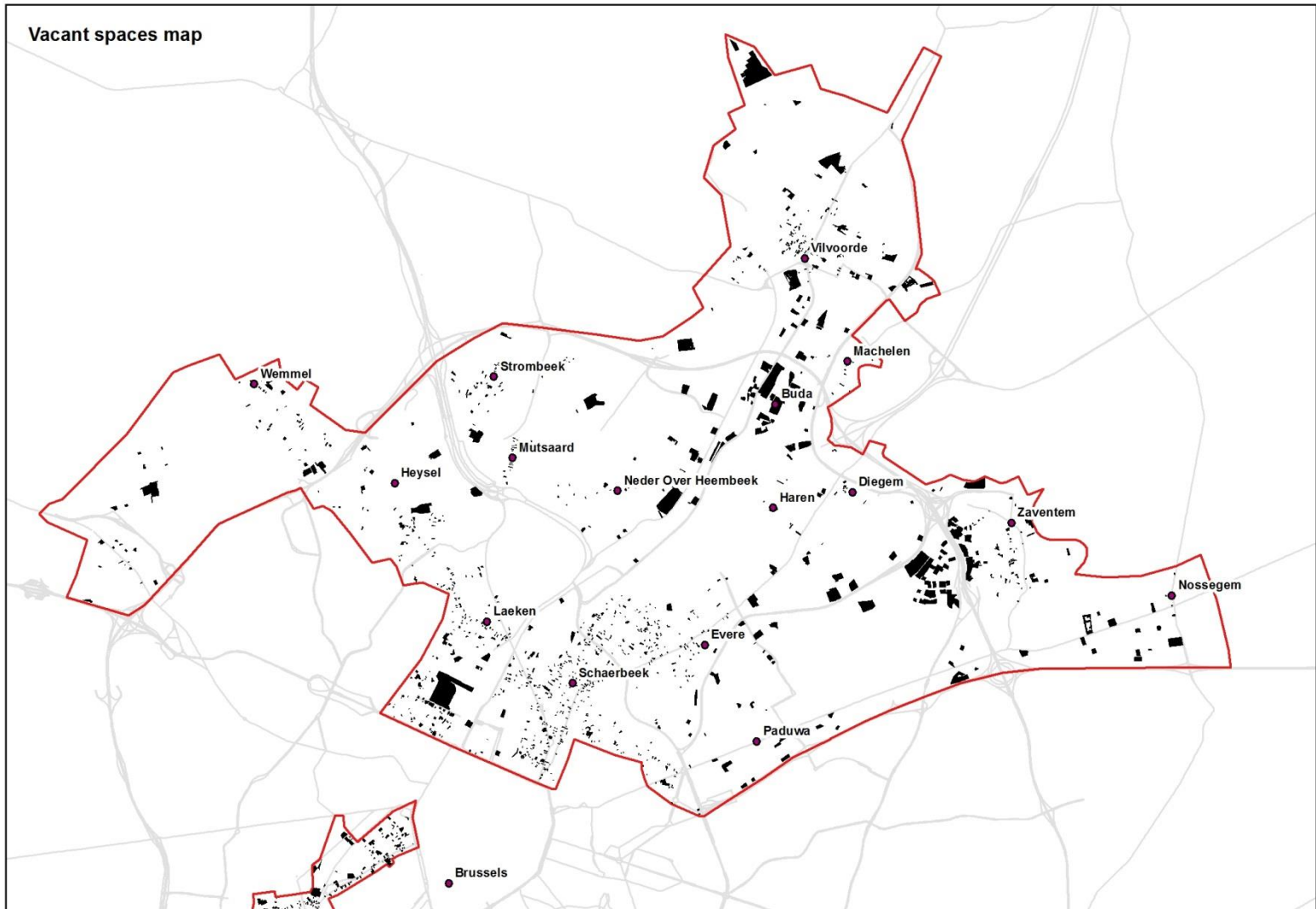
Analysis and results

Hot spot analysis

Abusing the tool

Differences between areas

Importance in a regional scale

Edge effect

Vlaanderen is omgeving · aw b · VLAAMS-BRABANT · perspective.brussels
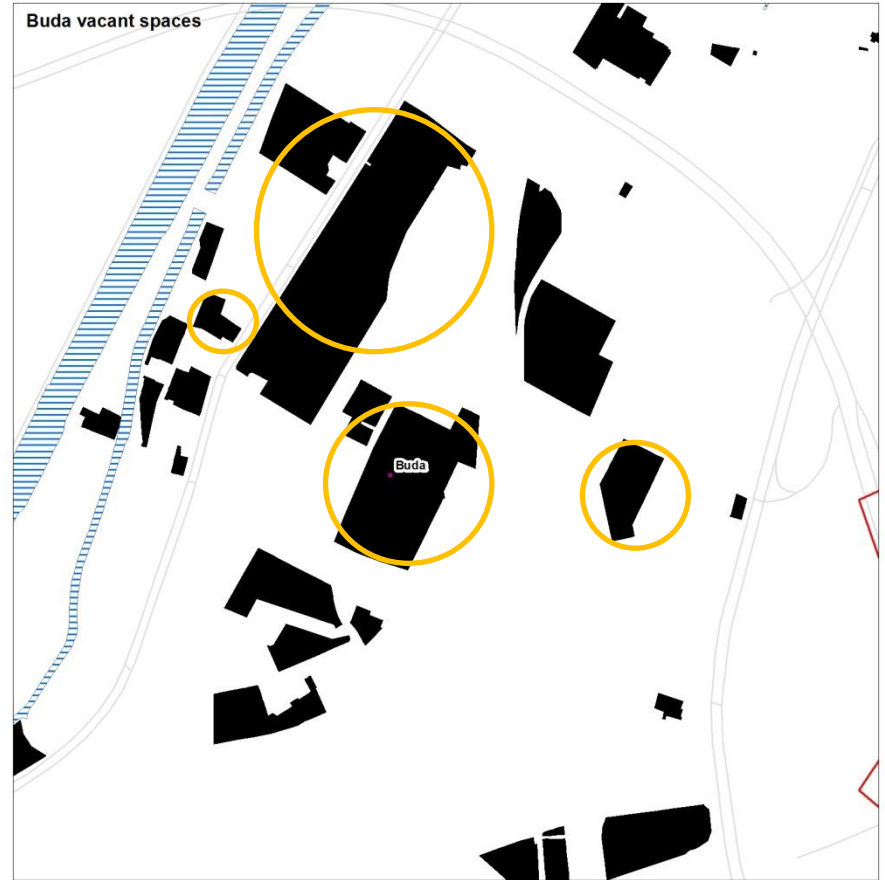
Analysis and results

Vacant spaces map

Analysis and results

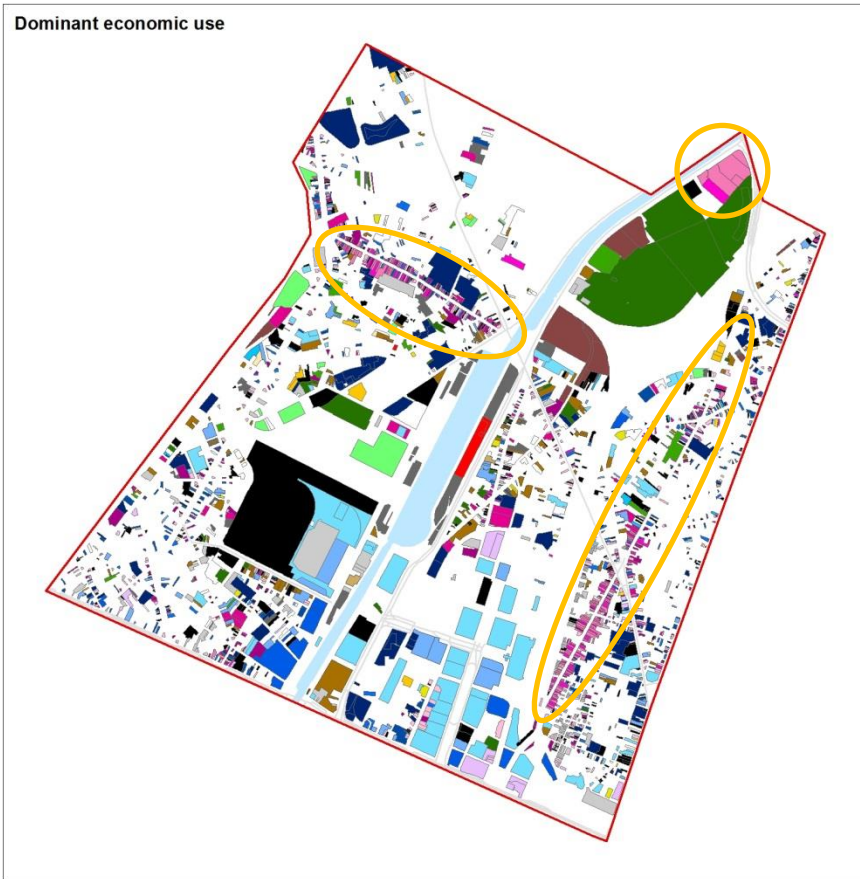## Dominant economic use and vacant spaces

Analysis and results

Retail clusters

Analysis on retail structures

Non continuous structures

Analysis and results

Schools related to bars and restaurants
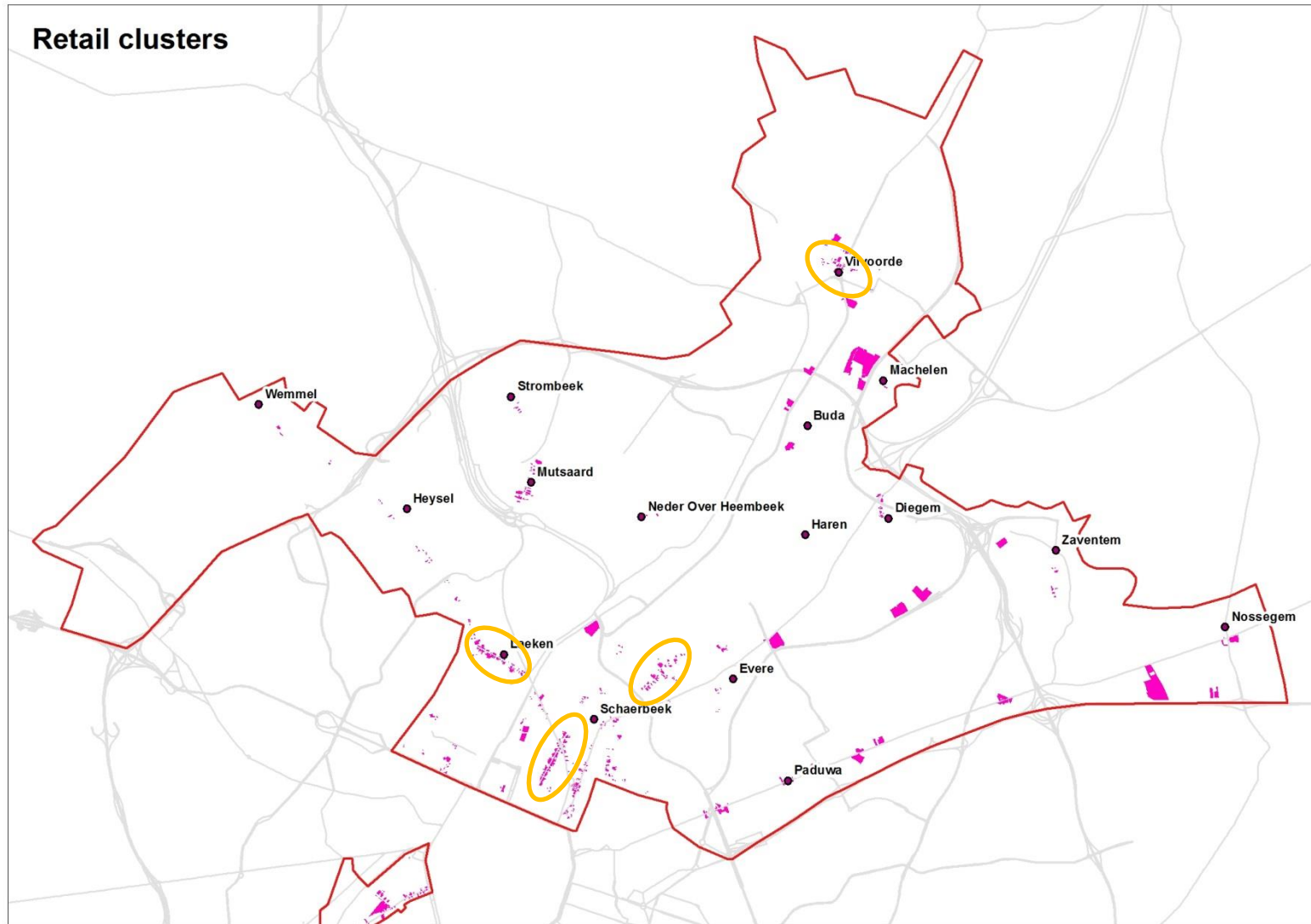
Bar and Restaurants close to schools

Based on proximity

20% are next to a retail activity

80% have a retail activity within 60m

Vlaanderen is omgeving

aw b

VLAAMS-BRABANT

perspective .brussels

Analysis and results

Retail clusters

Analysis and results

Shopping streets

Regional and local shopping streets

Mix between retail and other services

Constant presence of vacant spaces in local ones

Conclusion / Next steps

Demand for more mapping

New knowledge about economy

Considered and used as basic information in a planning process

Interest from economic actors about the difference in what is visible

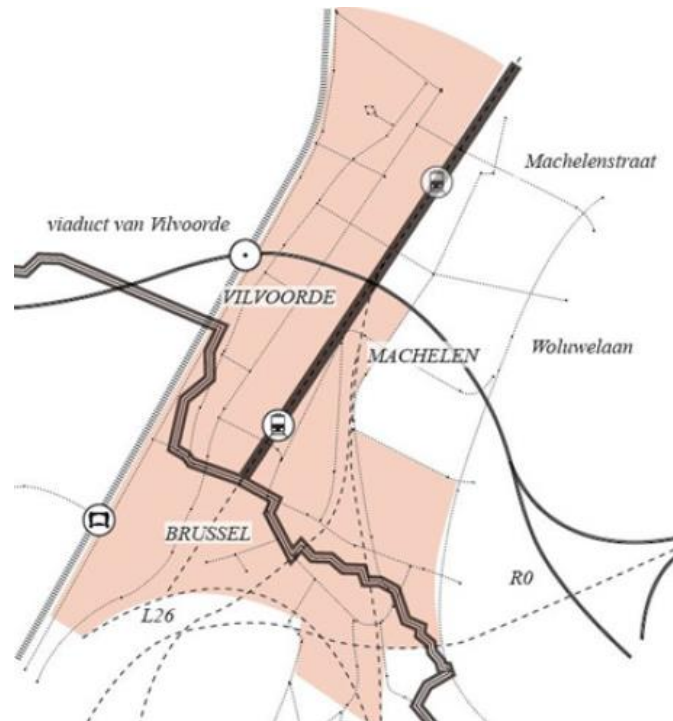| Area	Number of activities		Difference (%)
	VKBO	Mapping	
Koksijde- Veurne	1812	1054	58
Aalst- Herzele	3123	1714	55
Hasselt	4814	2187	45
Deinze- Gent	2036	889	44
Wijnegem- Malle	3929	1149	29
Total	15714	6993	45

Conclusion / Next steps

Include qualitative and quantitative data

Focus on more specific areas

Use this combination of data to gather knowledge

Circular economy discussion in Buda+ project

Conclusion / Next steps

Define different type of areas from an economic point of view

Starting from the results and not from existing categories

Link to policies preparations

Policies based on economic types and not only on economic sectors

Thank you

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