

**Mobility hubs in Leuven**

# How to determine locations?

Hilke Evenepoel, city of Leuven

**Interreg**  
North Sea



Co-funded by  
the European Union

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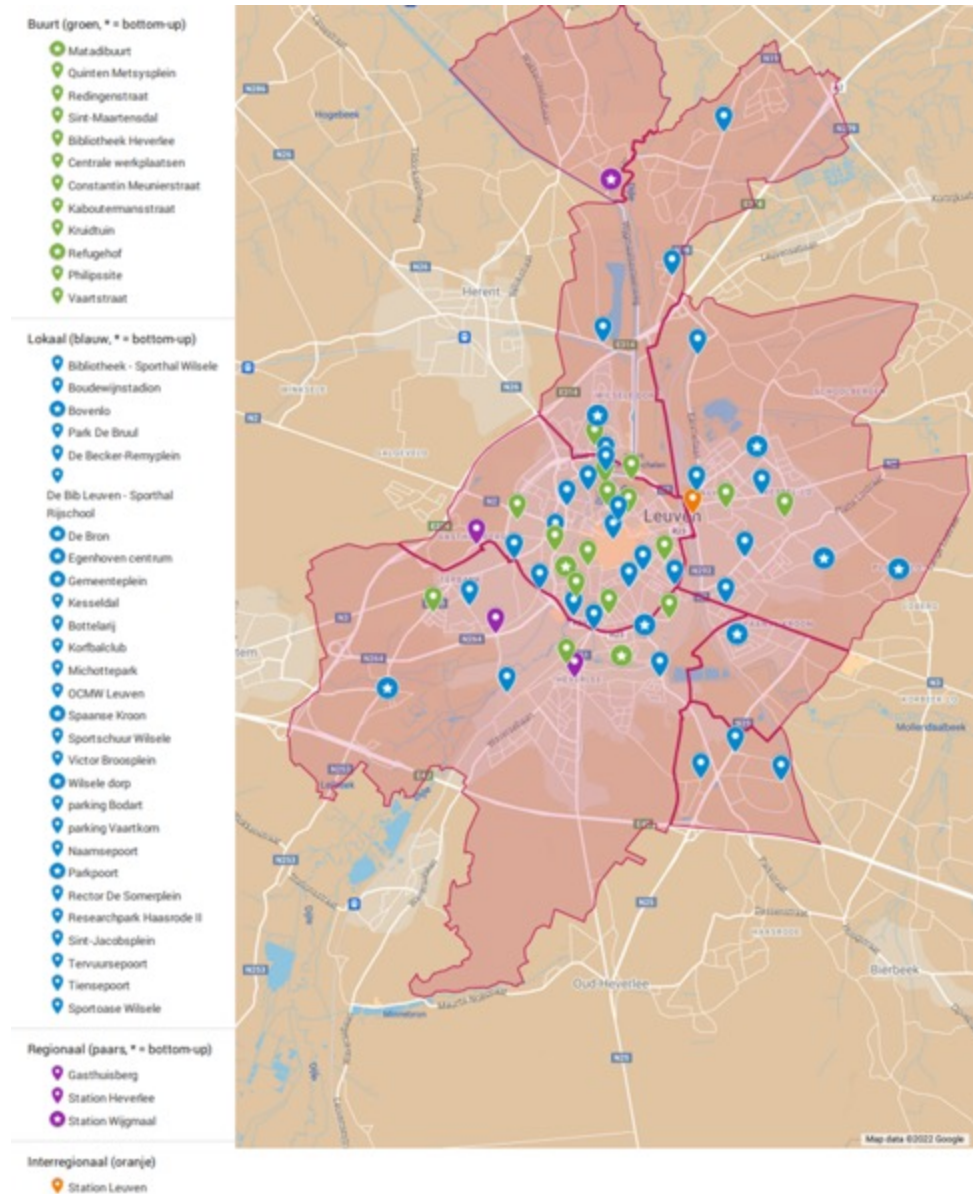
ShareDiMobiHub

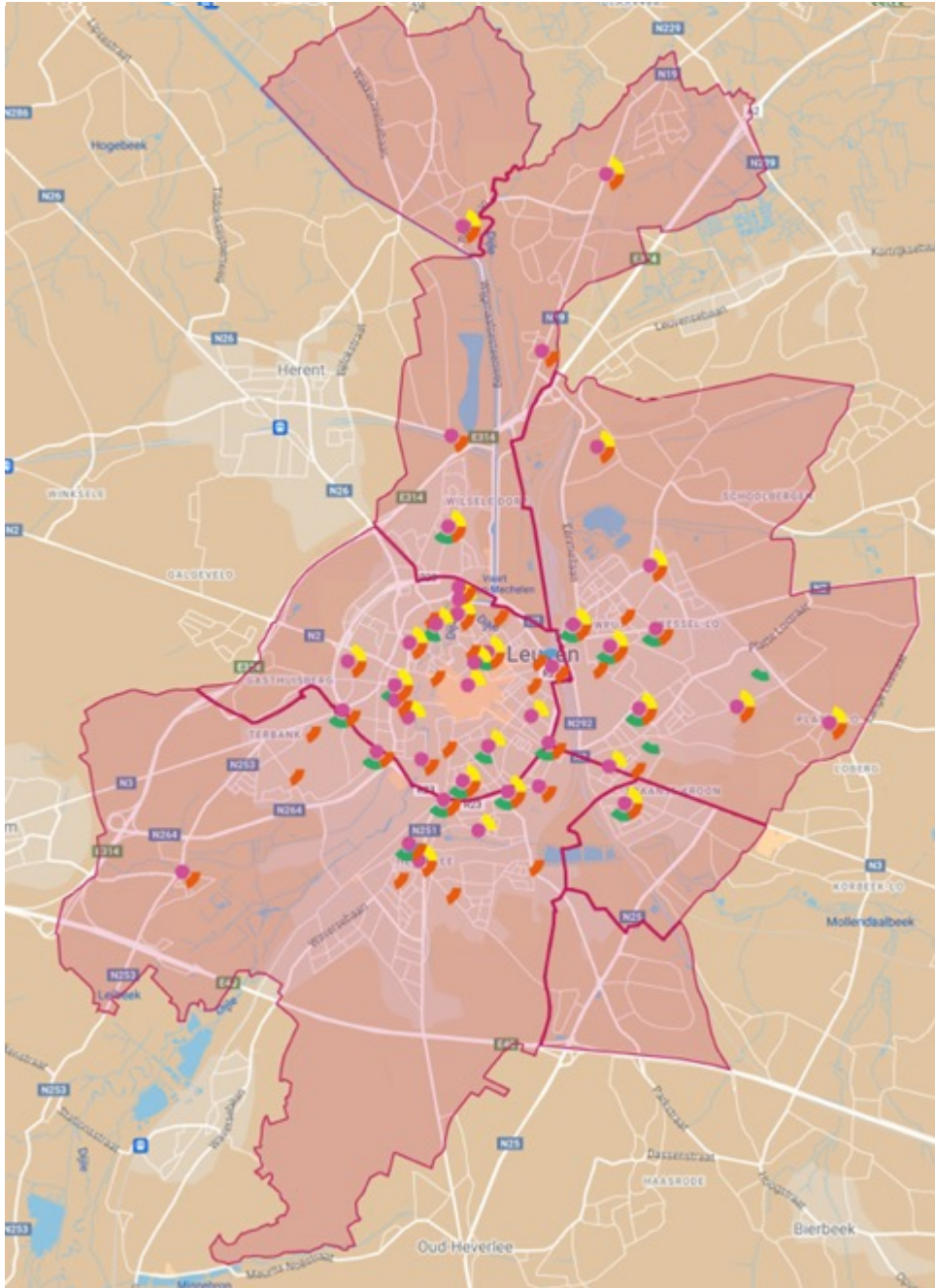
# Welcome



# Status on mobility hubs in Leuven (Hoppin)

- ❑ 44 in Leuven
- ❑ Strategic vs bottom-up (\*)
- ❑ 2 approaches
  - ❑ Network – commuters/visitors
  - ❑ Proximity - residents
- ❑ 4 types
  - ❑ Neighbourhood
  - ❑ Local
  - ❑ Regional
  - ❑ Interregional





## Mobility offer and other services

- Mobility hubs
- Transport modes
  - PT: bus and train + shared bikes: 180 blue-bikes
  - Shared e-cargo bikes : 30 + 20 Cargoroos
  - Shared EVs: 29 (cambio + partago)
  - Shared cars: 130 (cambio)
    - [54 P2P shared cars]
- Extra services :
  - Charging infra
  - Parcel lockers
  - Buggies
  - Luggage lockers, bike repair tools, ..





# Location determination - Strategic

## Heat map

Table 7 Models used

Variable
Population
Gender
Age
Age
Bus stop
Train station
Level of accessibility
Secondary road length
Local road length
Restaurant POI
University
Recreational
Residential area
Office area

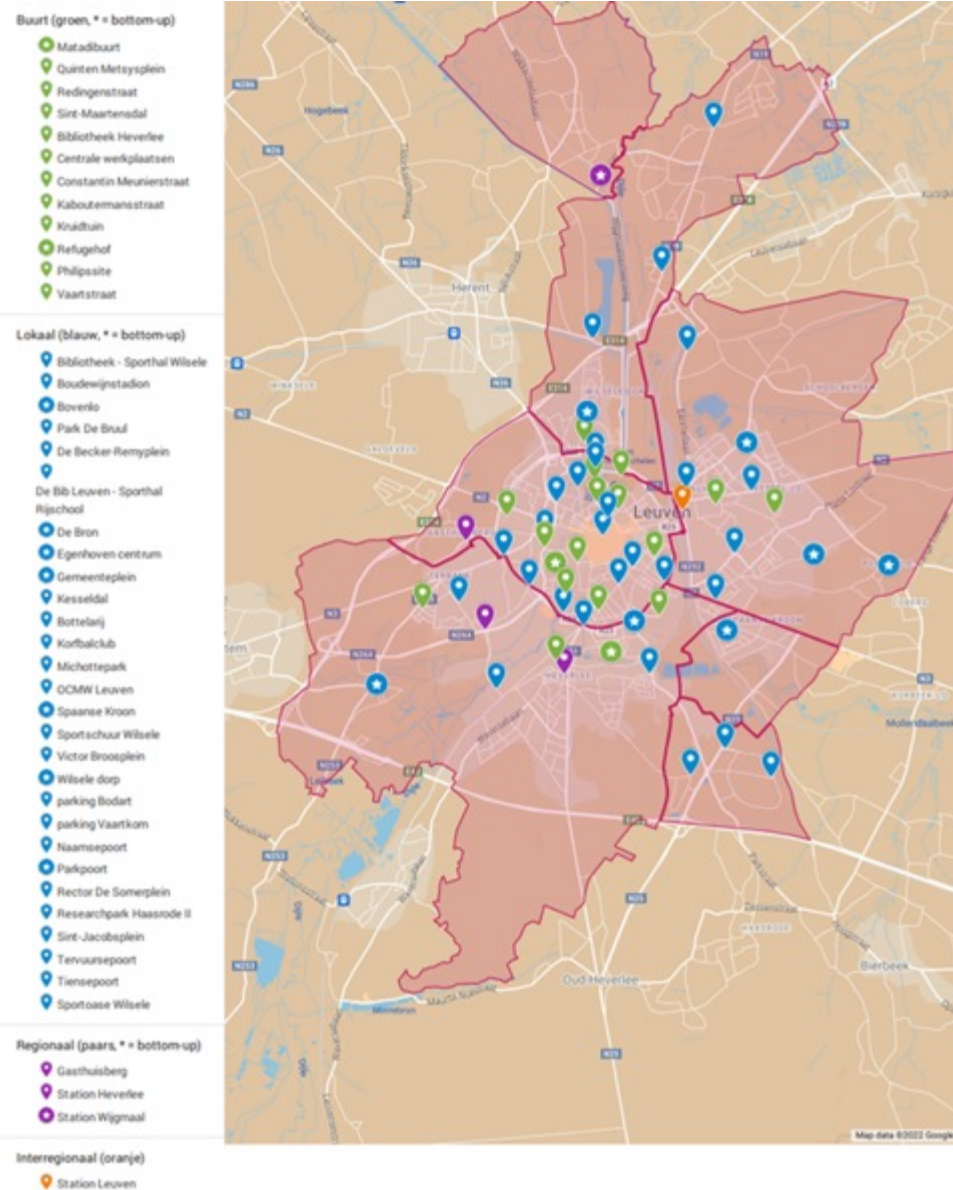
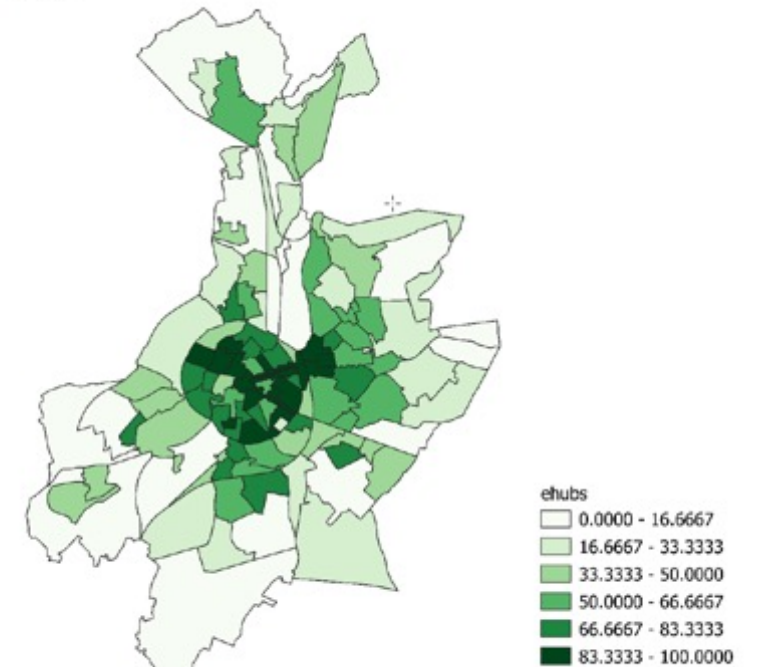


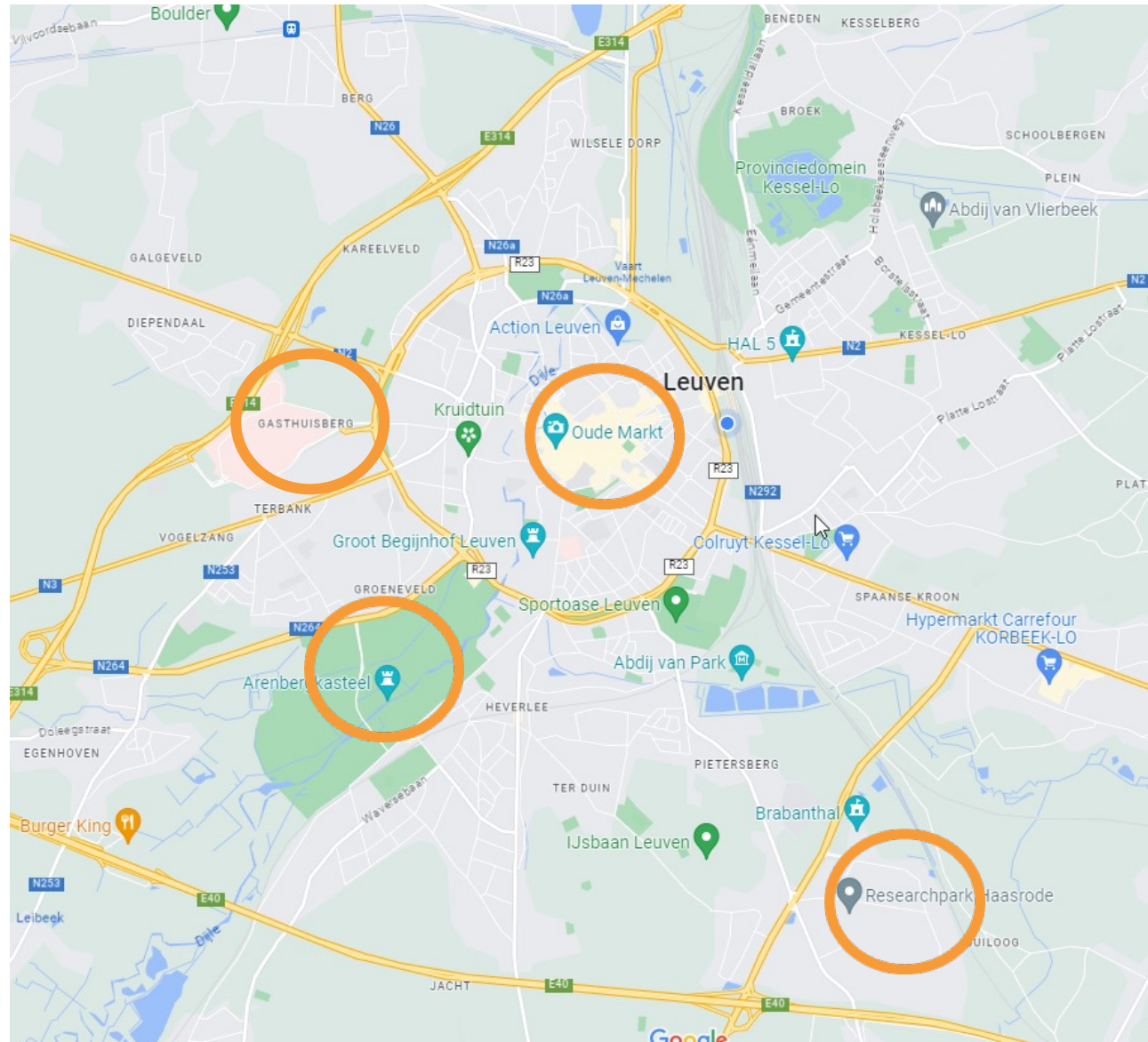
Figure 1c. Leuven heatmap for e-hubs potential



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# Location determination - Strategic

Pol



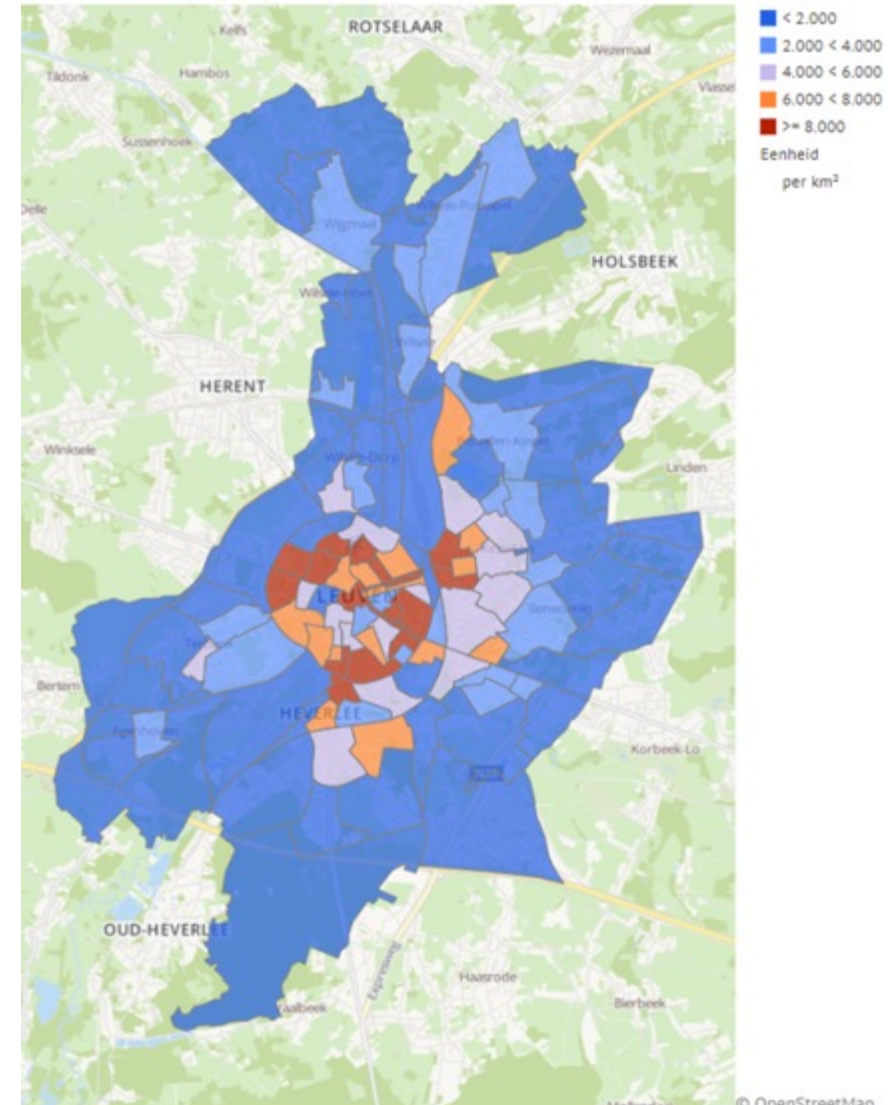
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# Location determination - Strategic

## Area and population densities

- $>5K/km^2$  in centre: 4 hubs/ $km^2$
- elsewhere: 1 hub/2  $km^2$

→ 50 hubs





# Location determination - Strategic

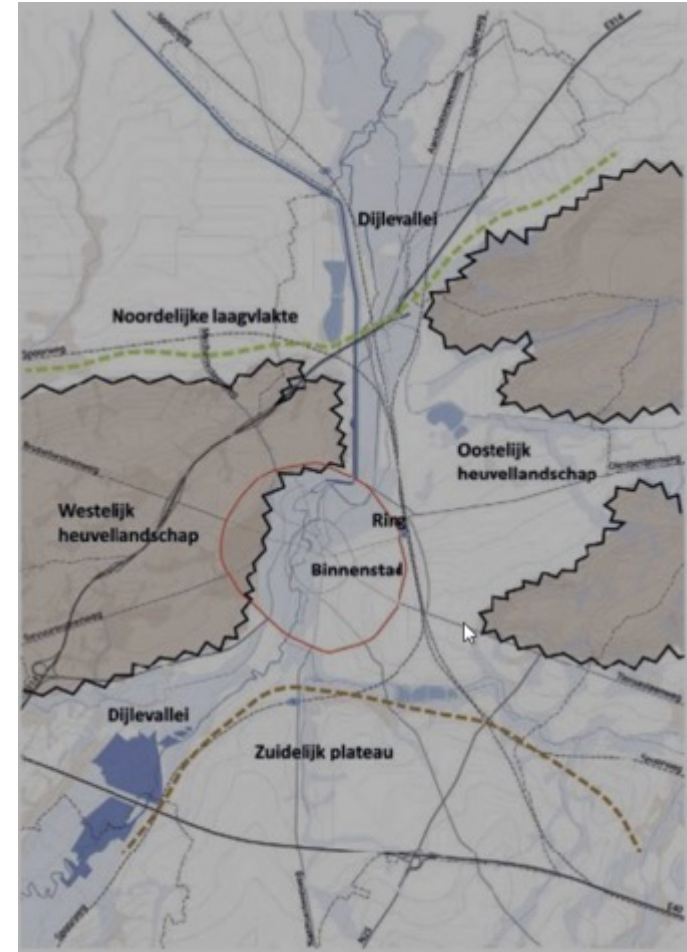
## Circulation plan





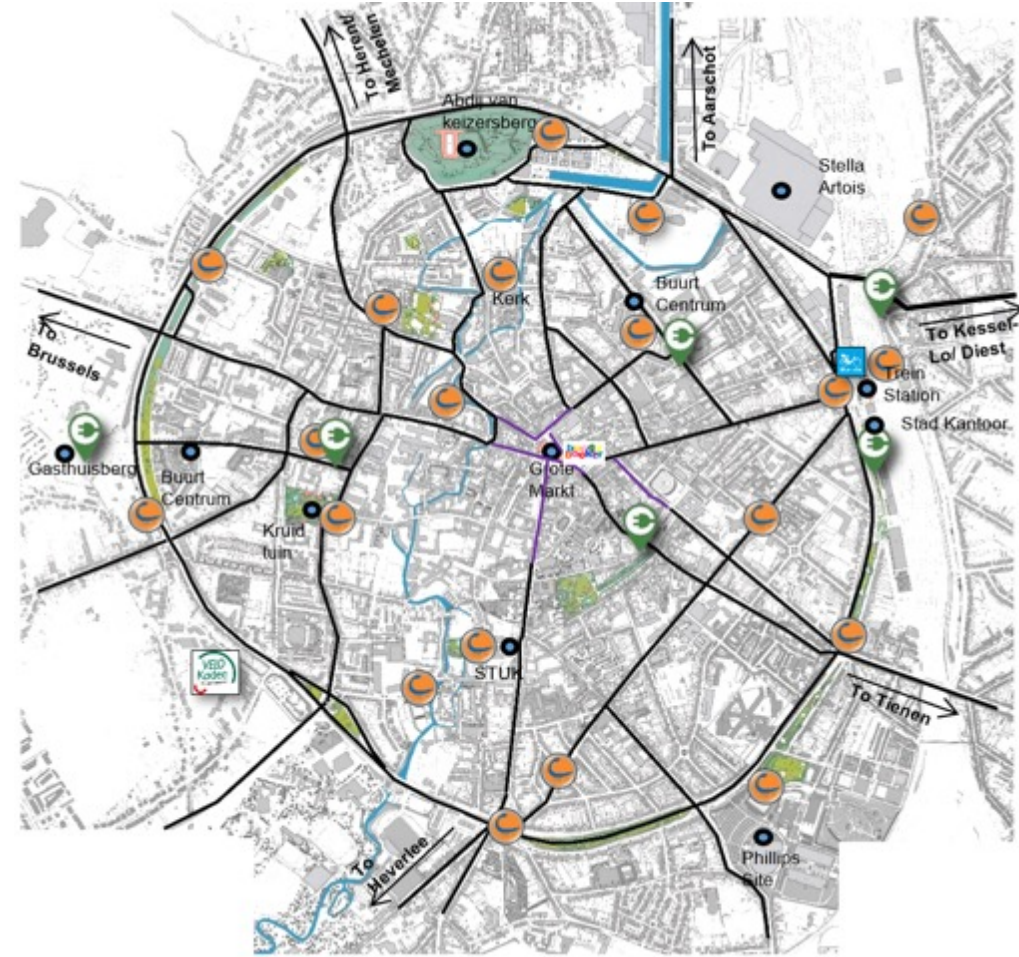
# Location determination - Strategic

## Geomorphology



# Location determination - Strategic

Existing shared mobility offer and public transportation network



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# Location determination - Strategic

- Opinion of the shared mobility providers
- Potential to expand
- Charging infrastructure
- No detailed analysis of grid



# Location determination – Bottom-up



Phase 1: Submit a location

Phase 2: Create an extensive submission file

Phase 3: Neighbourhood meetings and swapping information

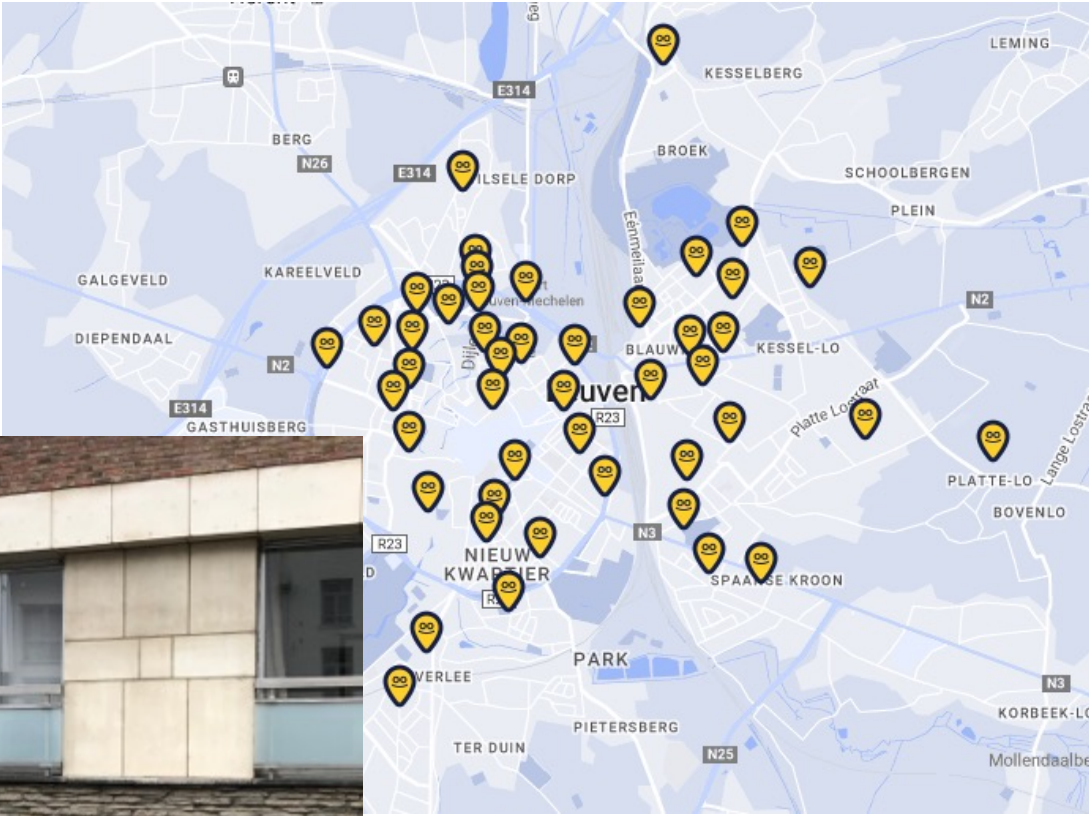
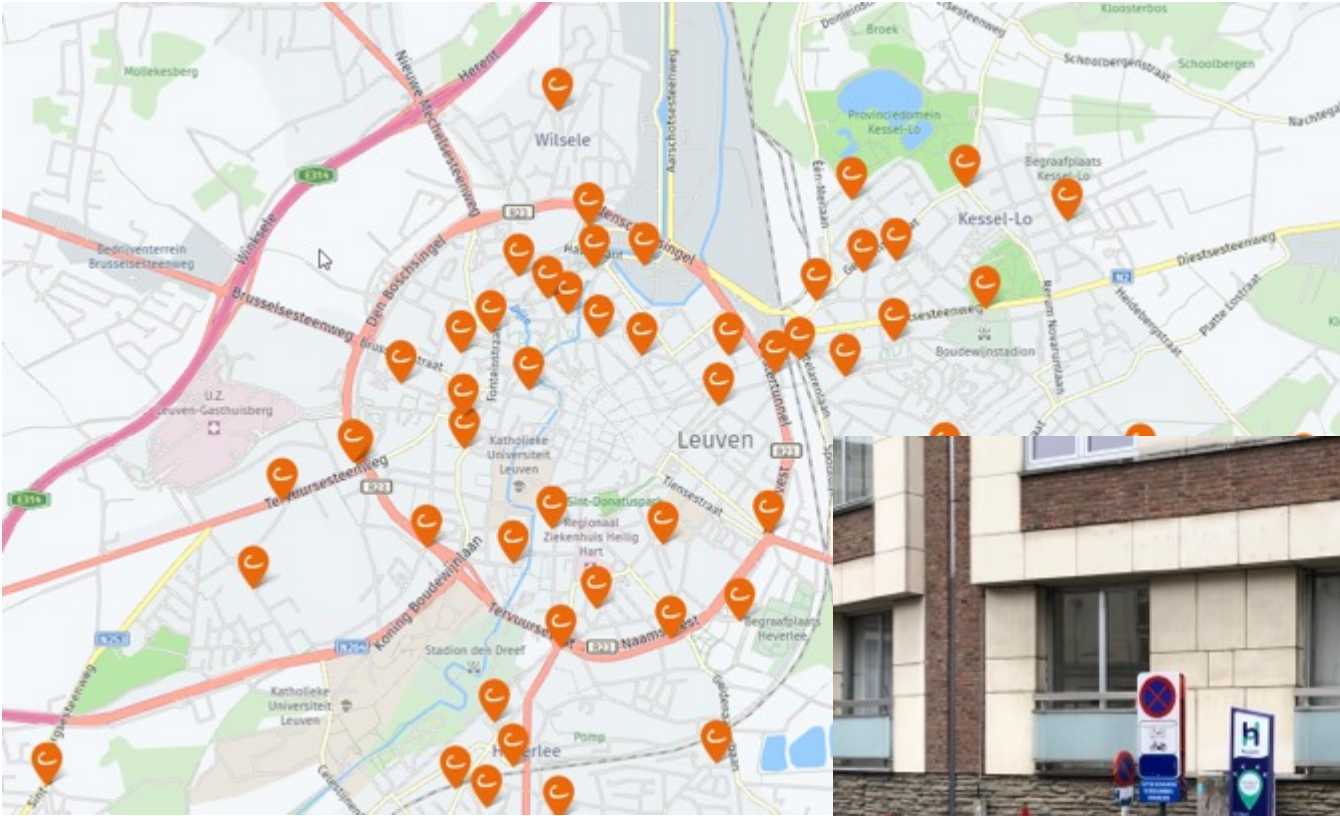
Phase 4: Implementation of the neighbourhood hubs



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# Location determination – Longer term



# Thank you



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