



ADVIER
MOBILISEERT



De hub als verbinder tussen mens, energie en mobiliteit

Introduction



“A mobility hub is a recognizable place which clusters a range of shared (transport) services”





Antwerpen -
Belgium



Bremen -
Germany

Bergen -
Norway

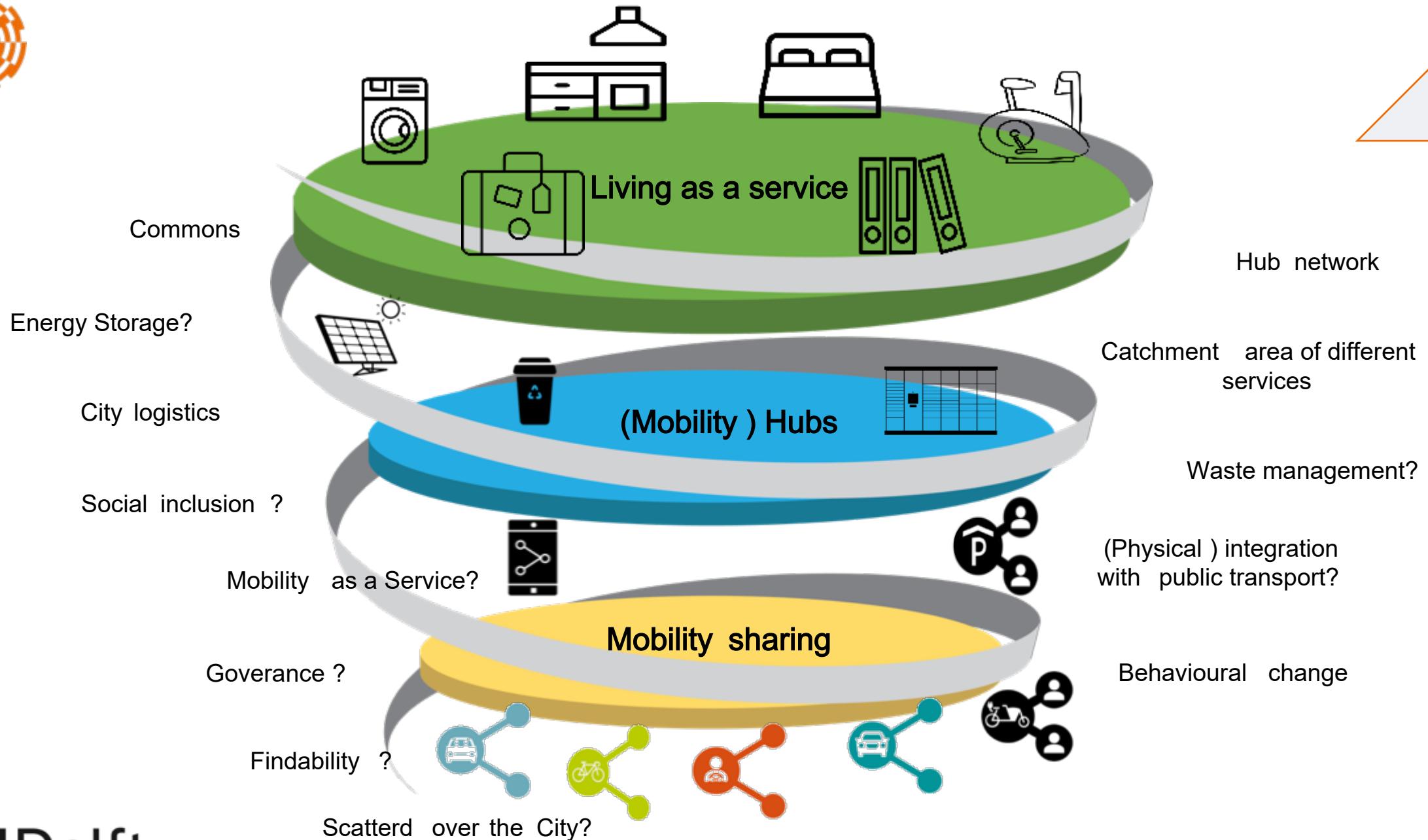


The Netherlands



Nurnberg Germany

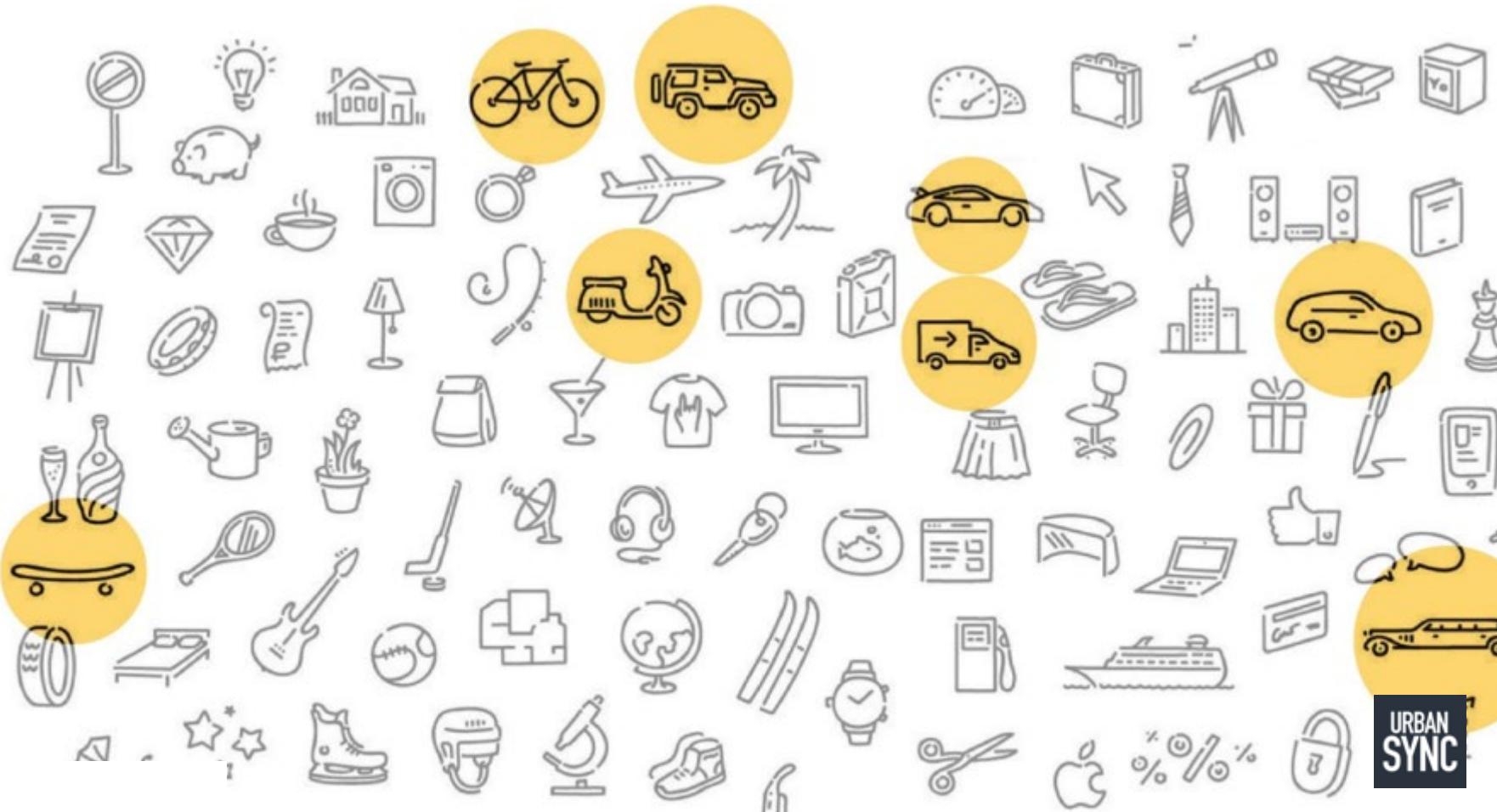






Living as a service services





So it is a place

- for (shared)mobility services
- to meet
- for moreneigborhood functions sharing and caring



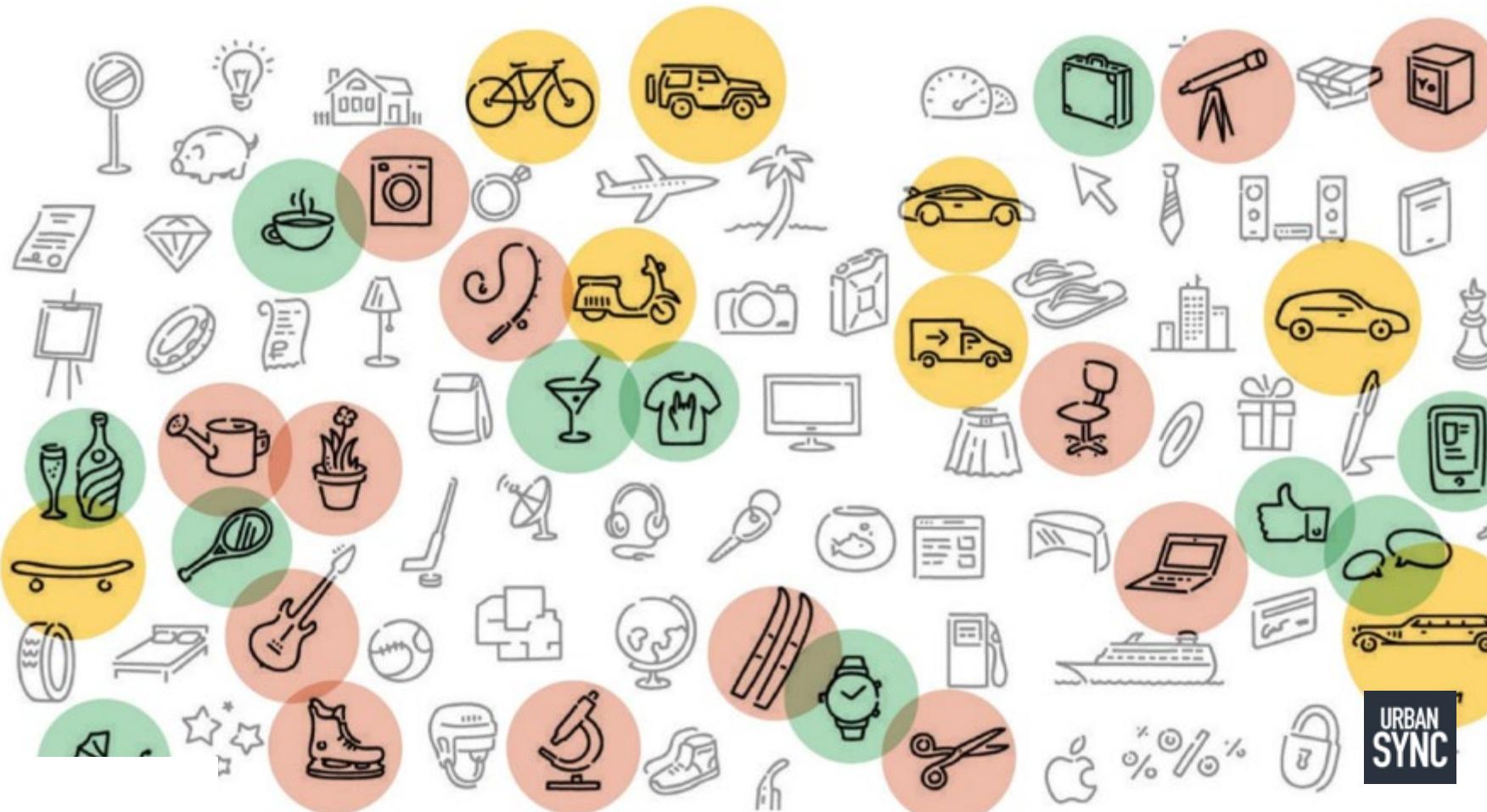
So it is a place



- for (shared) mobility services
- to meet
- more neighborhood functions, sharing and caring



So it is a place



- for (shared)mobility services
- to meet
- for more neighborhood functions , sharing and caring



What is..

- Een wijkmobilitéit hub is een fysieke plek waar mobiliteitsfuncties EN andere transportdiensten elkaar ontmoeten.
- Een wijk mobiliteits hub is het startpunt of een uitwisselpunt waar gedeelde (mobiliteits)diensten op één locatie worden gecombineerd.

Een **hub** is een verknoping van:

- het energienetwerk;
het mobiliteitsnetwerk en sociaal netwerken





Why ..



- Obtaining space
- A logical and findable place for users
- Social connector/integrator of the neighborhood



Inter-regional / national hub



Regional hub



Local hub

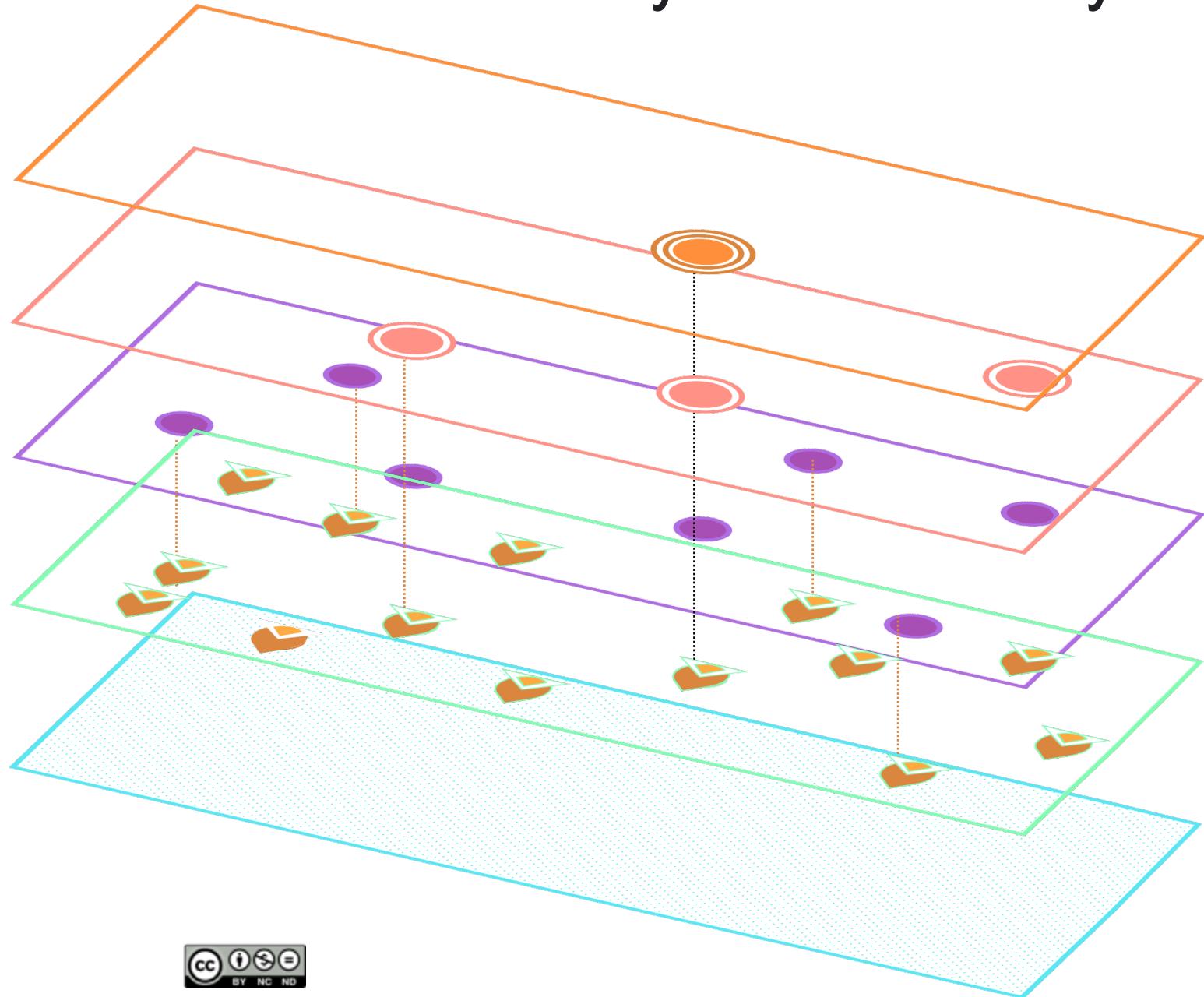


Neighborhood hub



“in house” hub

Mobility hub hierarchy



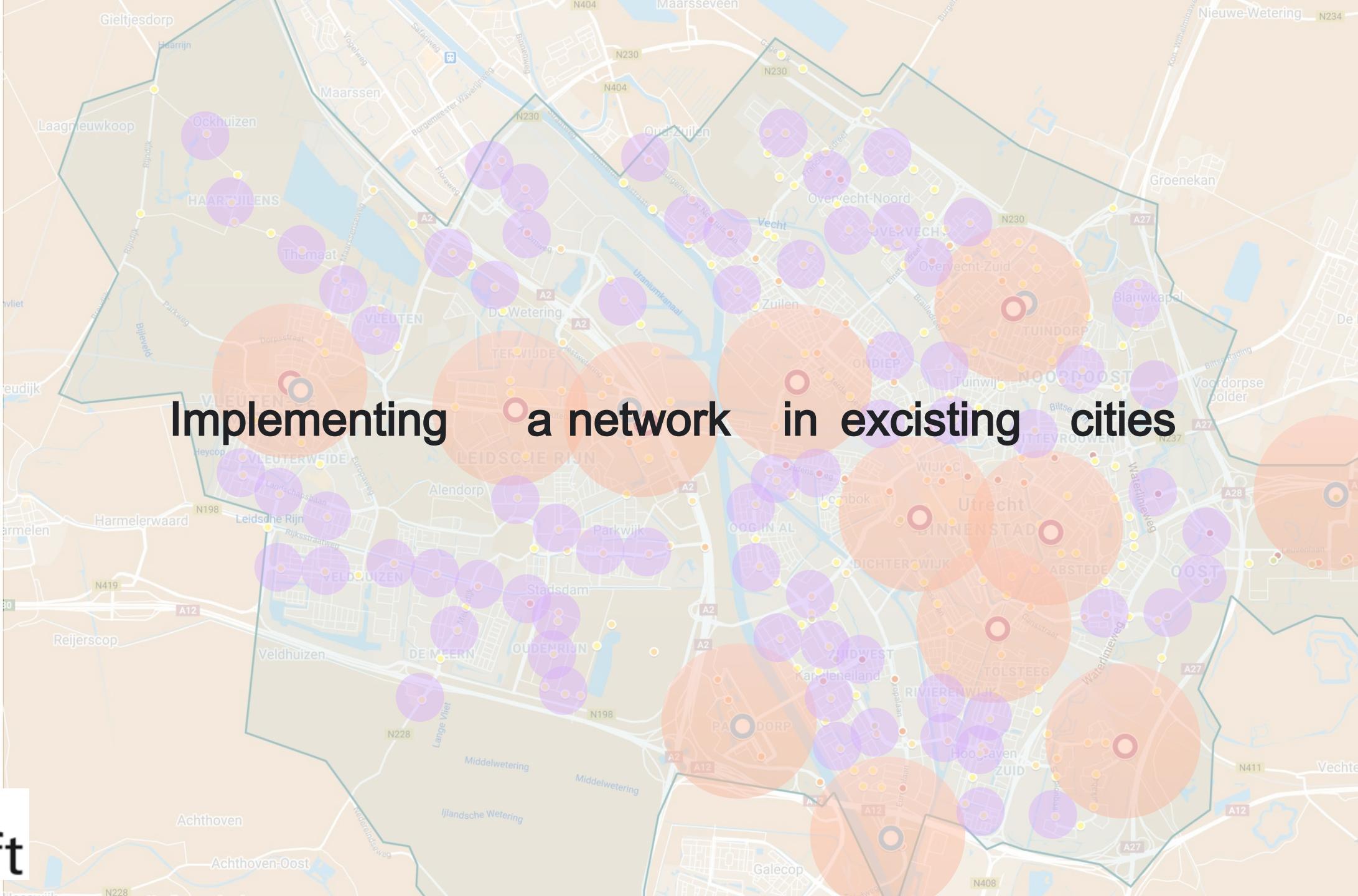


Design principles for behaviour change..

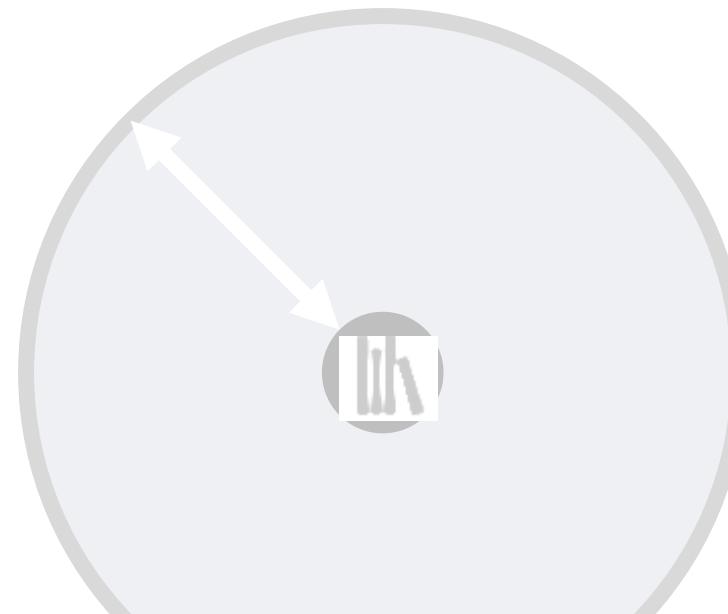
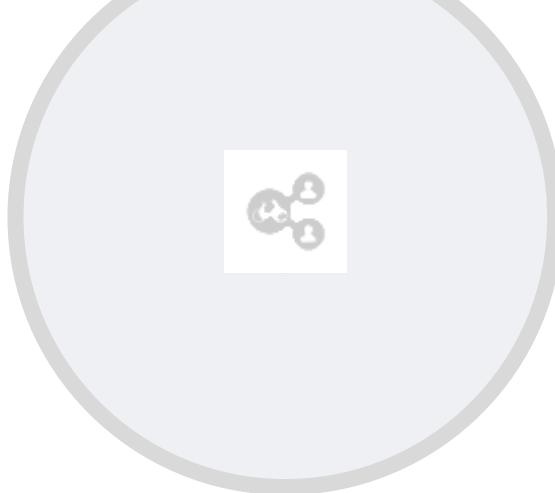
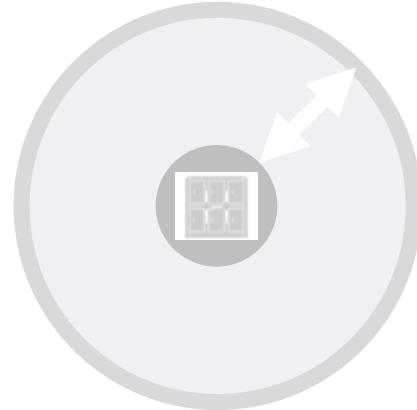
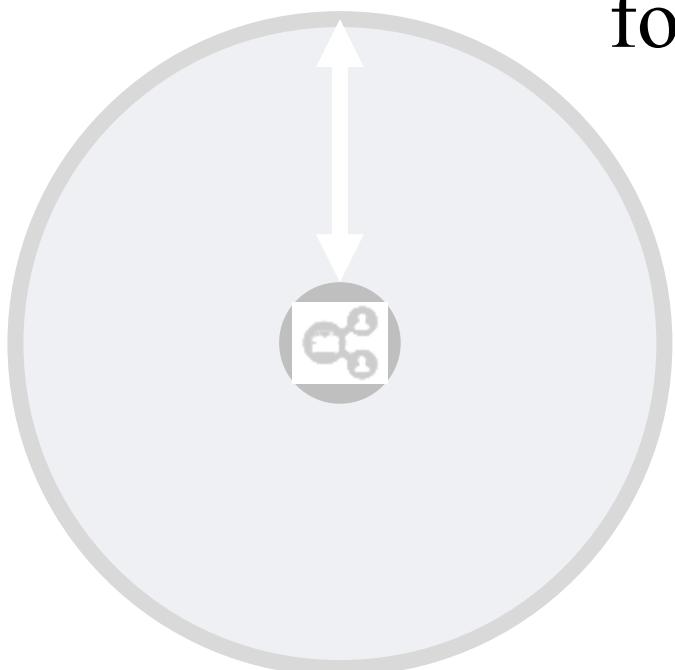




Implementing a network in existing cities

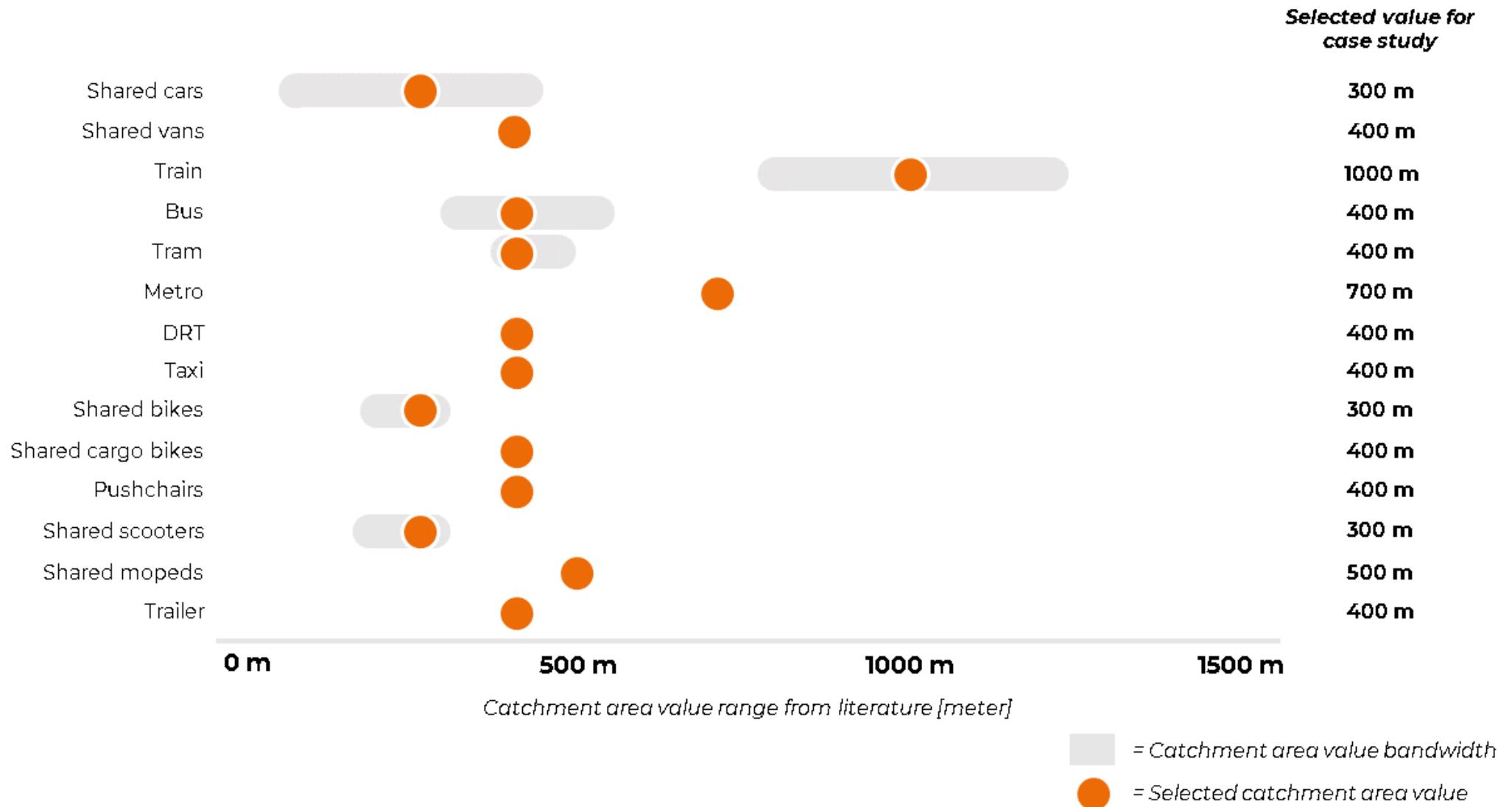


Shared services have different catchment areas for different target groups



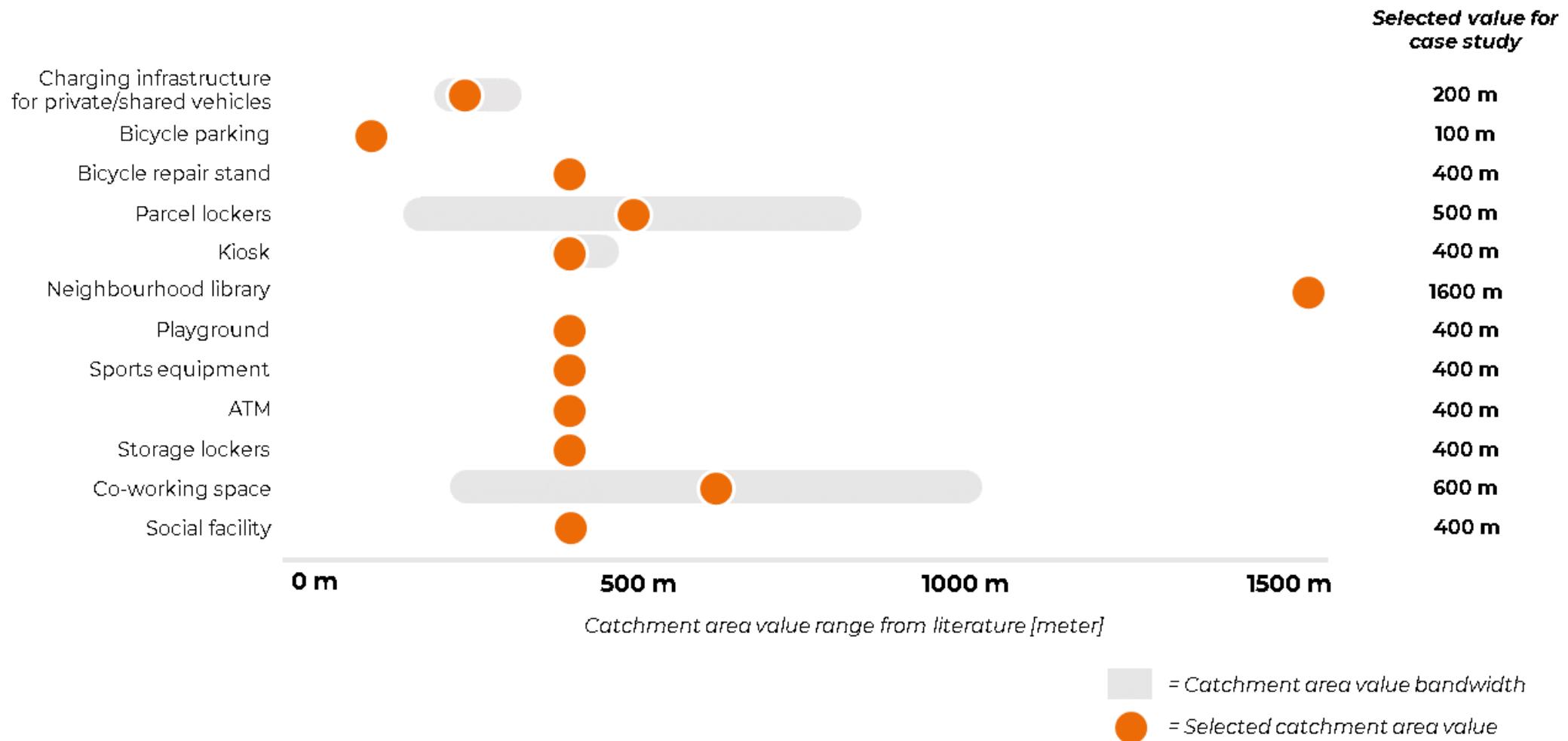


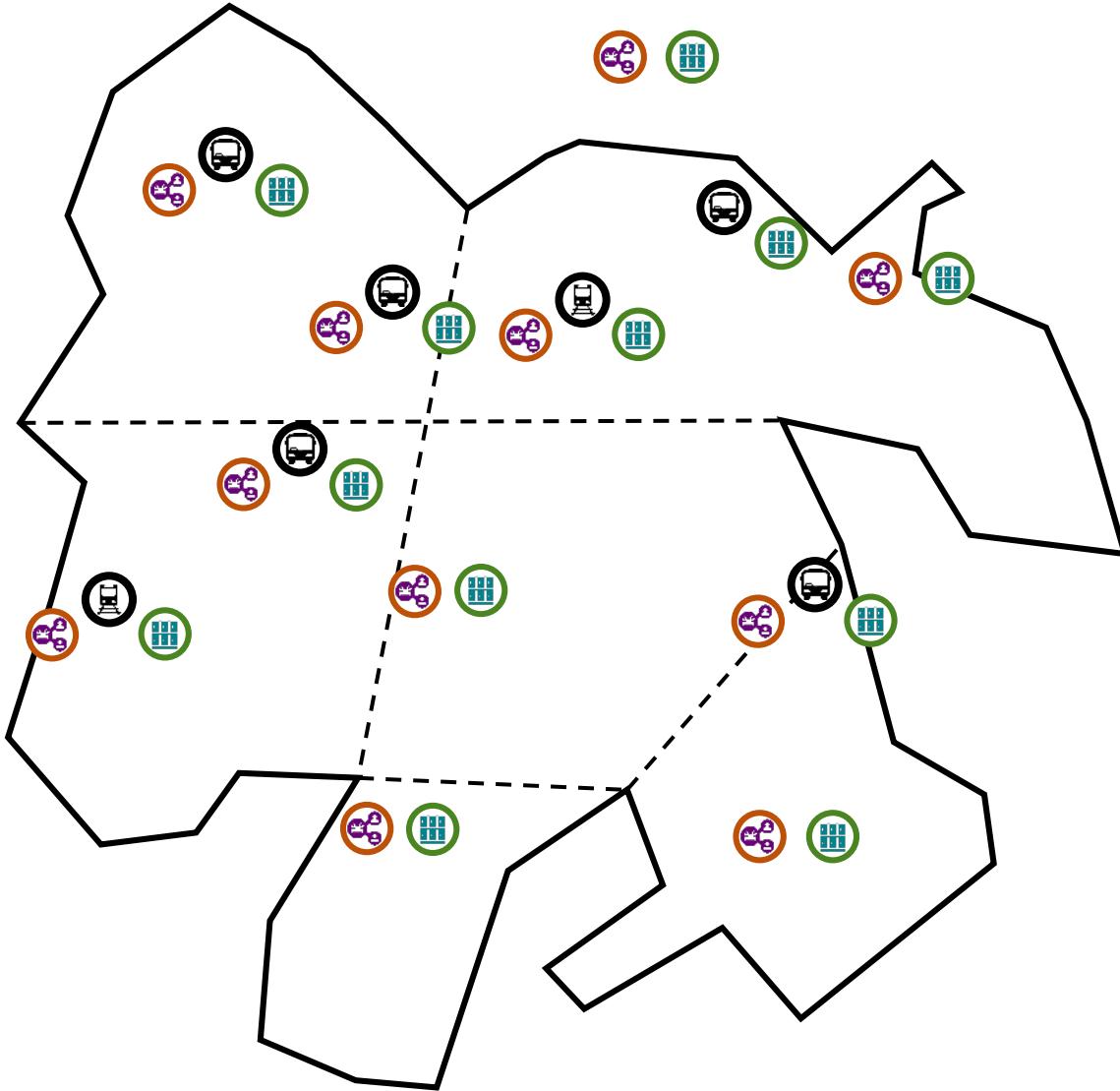
Catchment areas transport modes



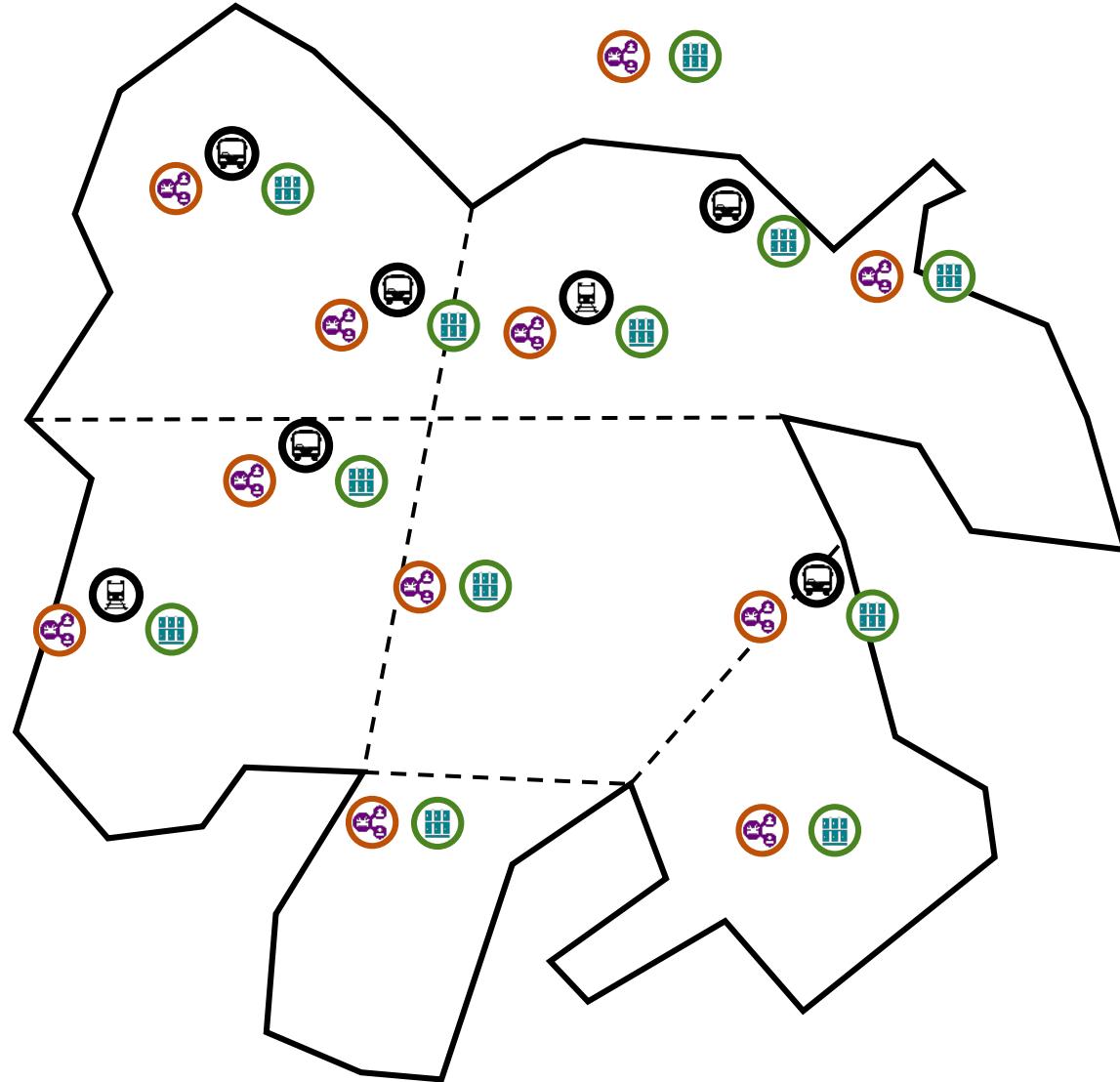


Catchment areas other shared services

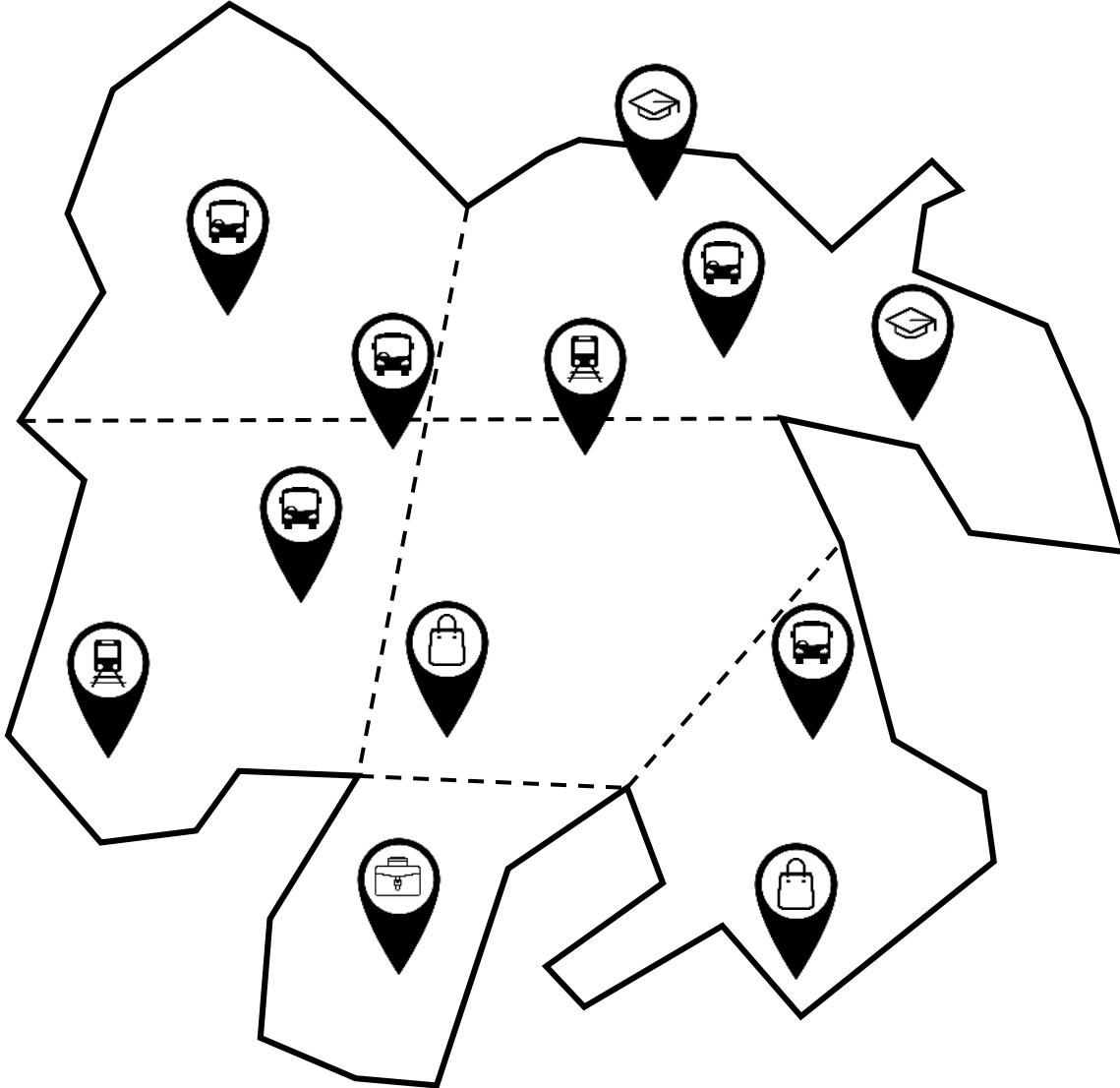




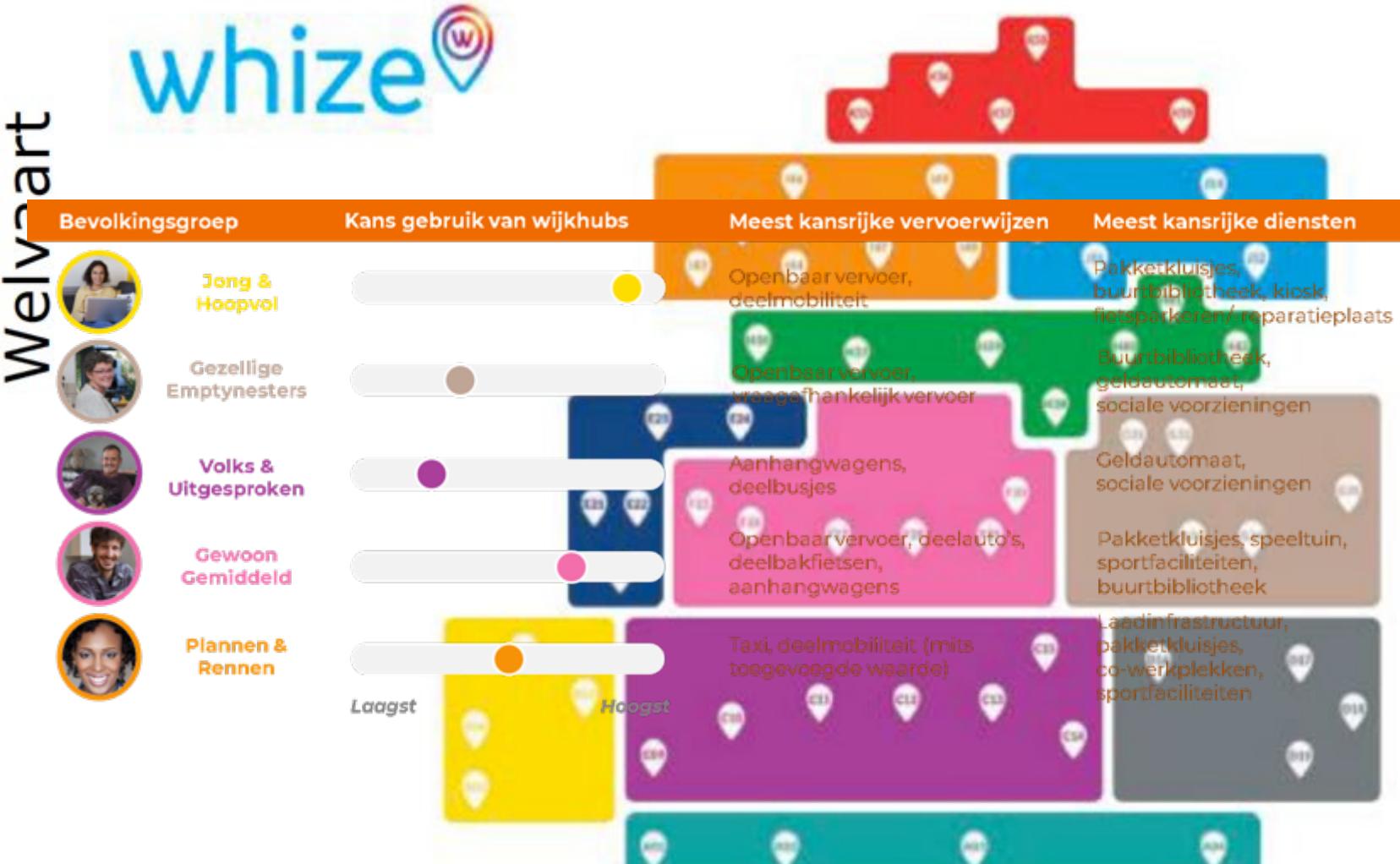
Determine the preferred neighbourhood hub locations with shared services and transport modes, based on user profiles



The following slides illustrate how to come to a city covering grid of hubs with clustered services, less infrastructure and more space for living

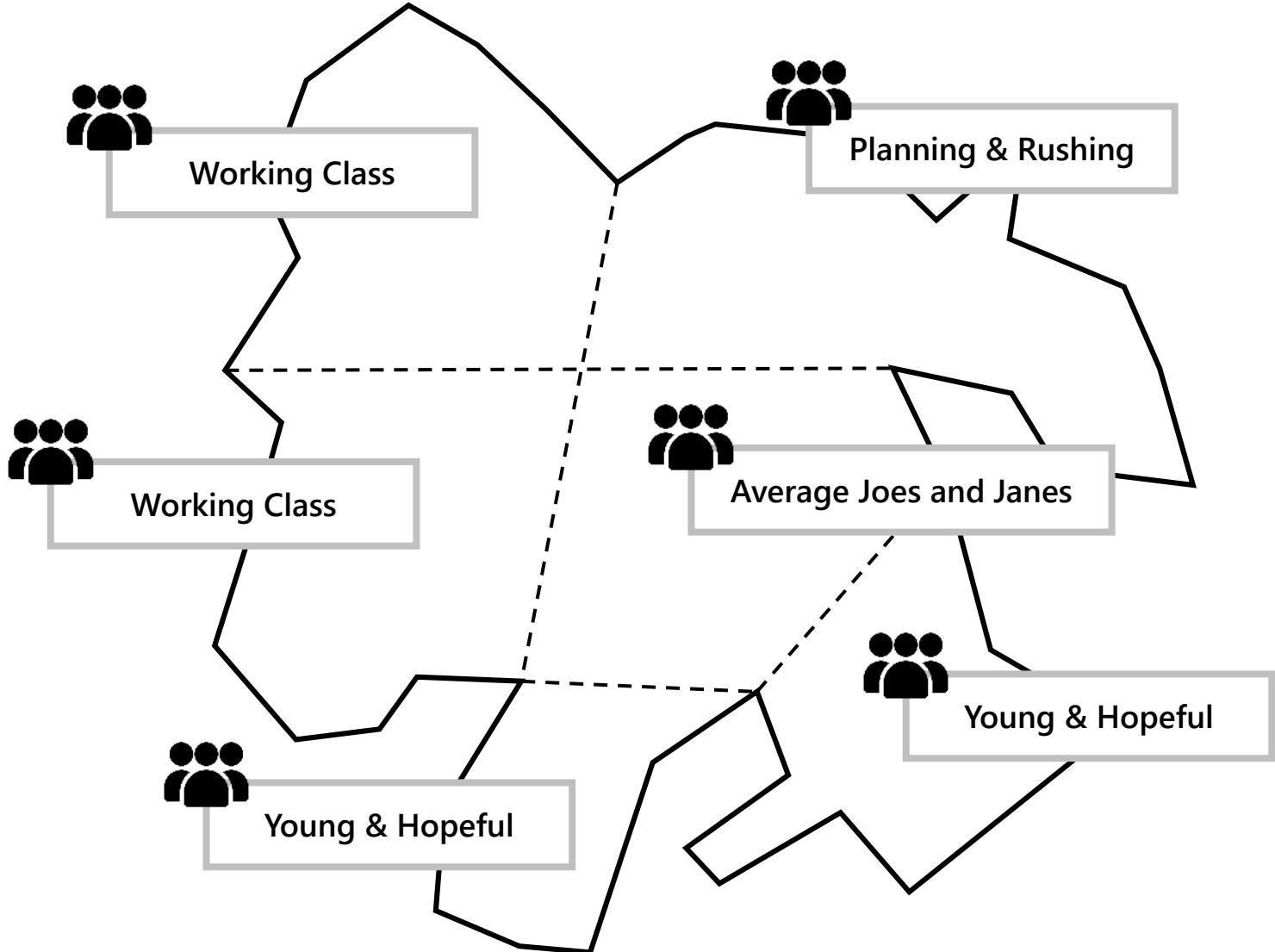


First: Identify fixed locations in the grid, called “the anchor points”

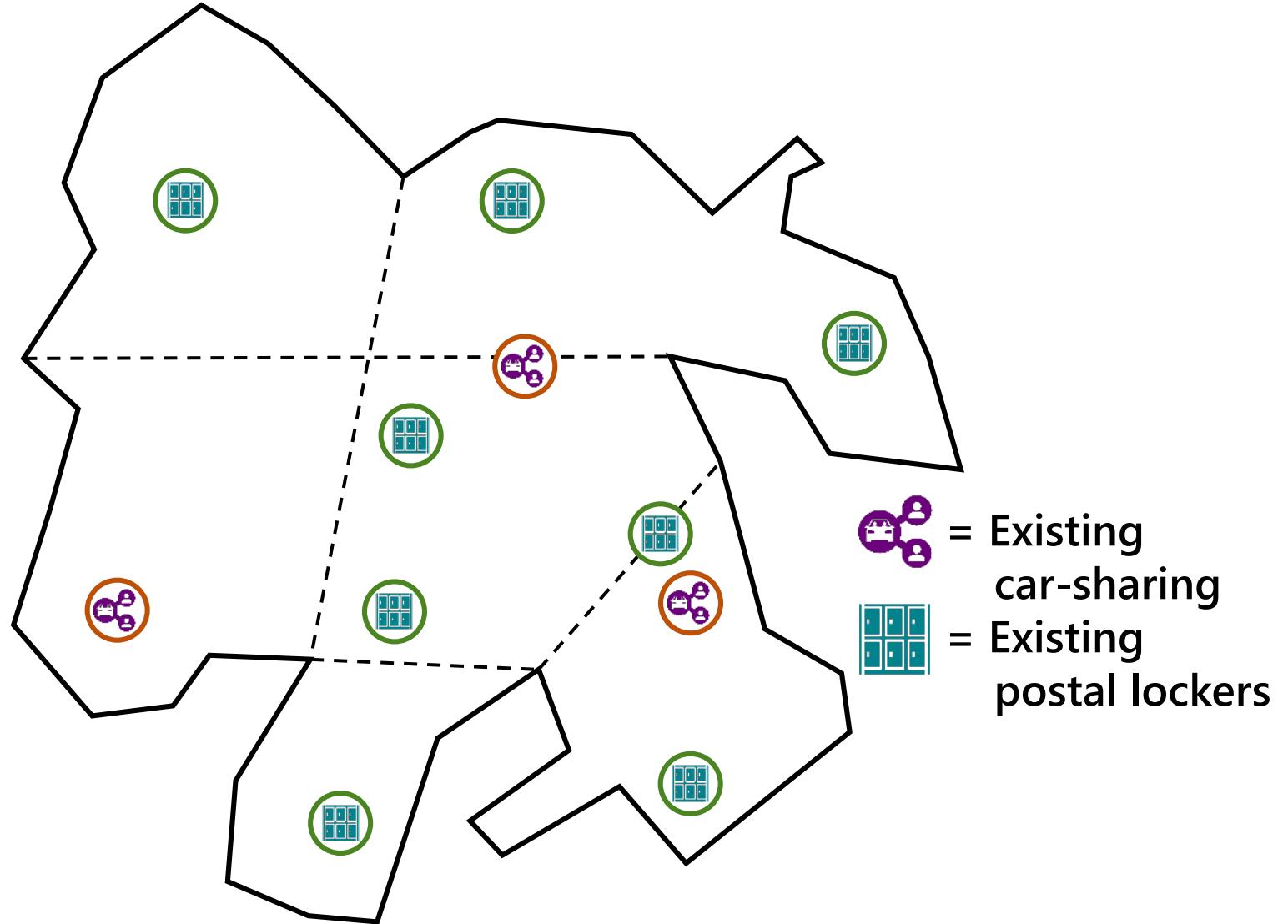




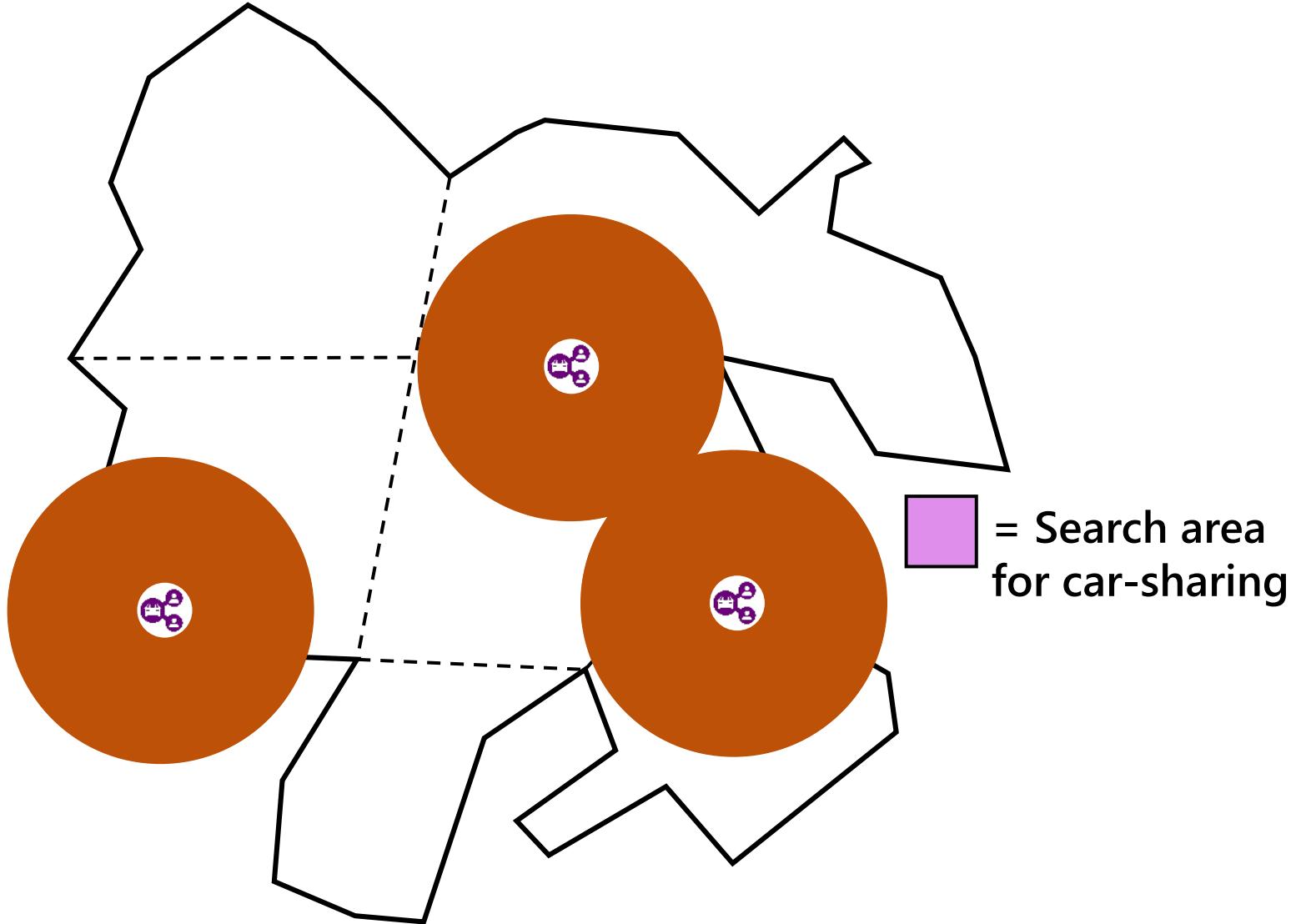
Bevolkingsgroep	Kans gebruik van wijkhubs	Meest kansrijke vervoerwijzen	Meest kansrijke diensten
 Jong & Hoopvol	<div><div style="--progress: 100%;"></div></div>	Openbaar vervoer, deelmobilitéit	Pakketkluisjes, buurtbibliotheek, kiosk, fietsparkeren/-reparatieplaats
 Gezellige Emptynesters	<div><div style="--progress: 50%;"></div></div>	Openbaar vervoer, vraagafhankelijk vervoer	Buurtbibliotheek, geldautomaat, sociale voorzieningen
 Volks & Uitgesproken	<div><div style="--progress: 20%;"></div></div>	Aanhangwagens, deelbusjes	Geldautomaat, sociale voorzieningen
 Gewoon Gemiddeld	<div><div style="--progress: 70%;"></div></div>	Openbaar vervoer, deelauto's, deelbakfietsen, aanhangwagens	Pakketkluisjes, speeltuin, sportfaciliteiten, buurtbibliotheek
 Plannen & Rennen	<div><div style="--progress: 30%;"></div></div>	Taxi, deelmobilitéit (mits toegevoegde waarde)	Laadinfrastructuur, pakketkluisjes, co-werkplekken, sportfaciliteiten



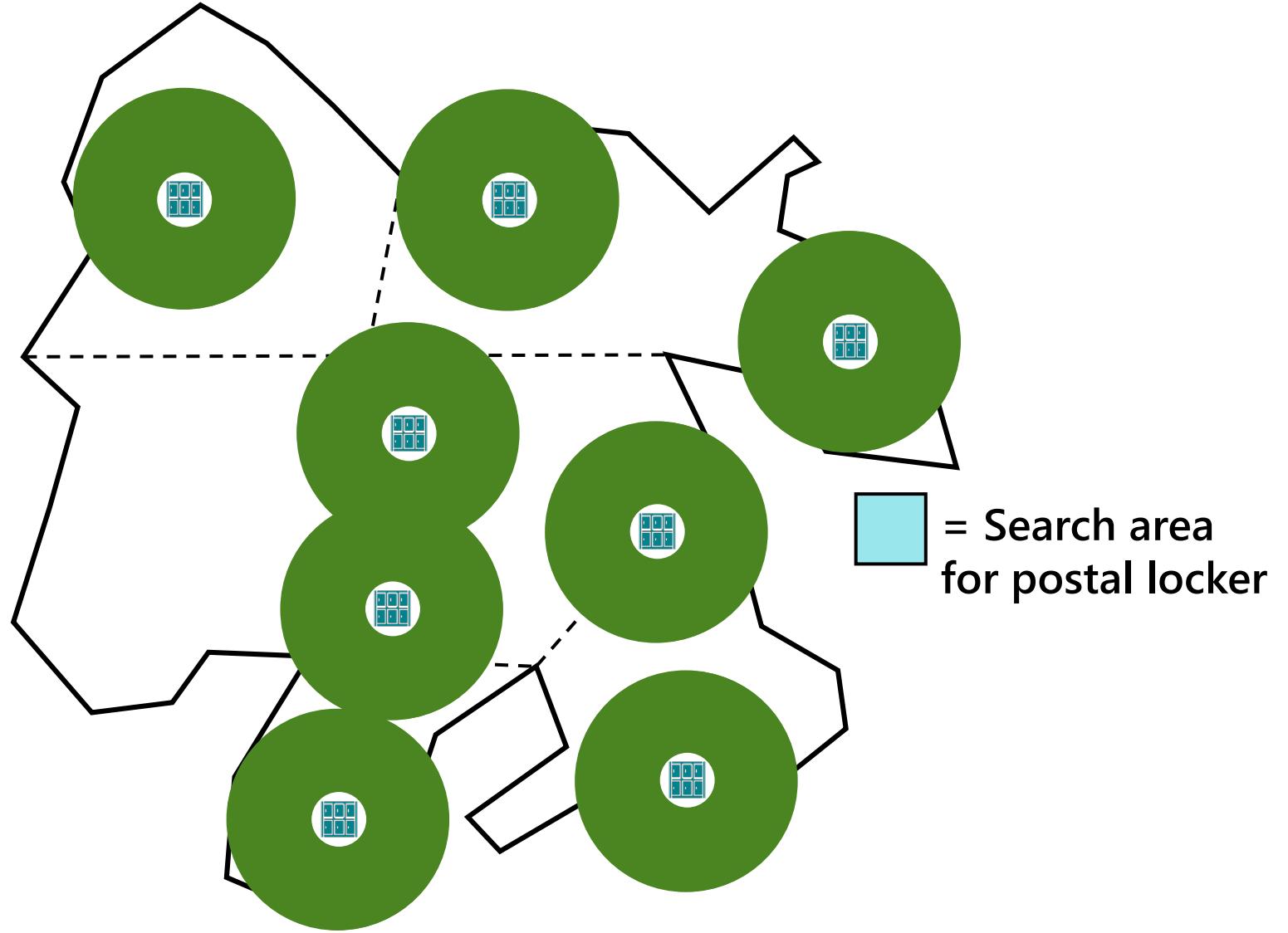
Determine the user profiles for each district in existing urban areas. User profiles have different needs for shared services and transport modes



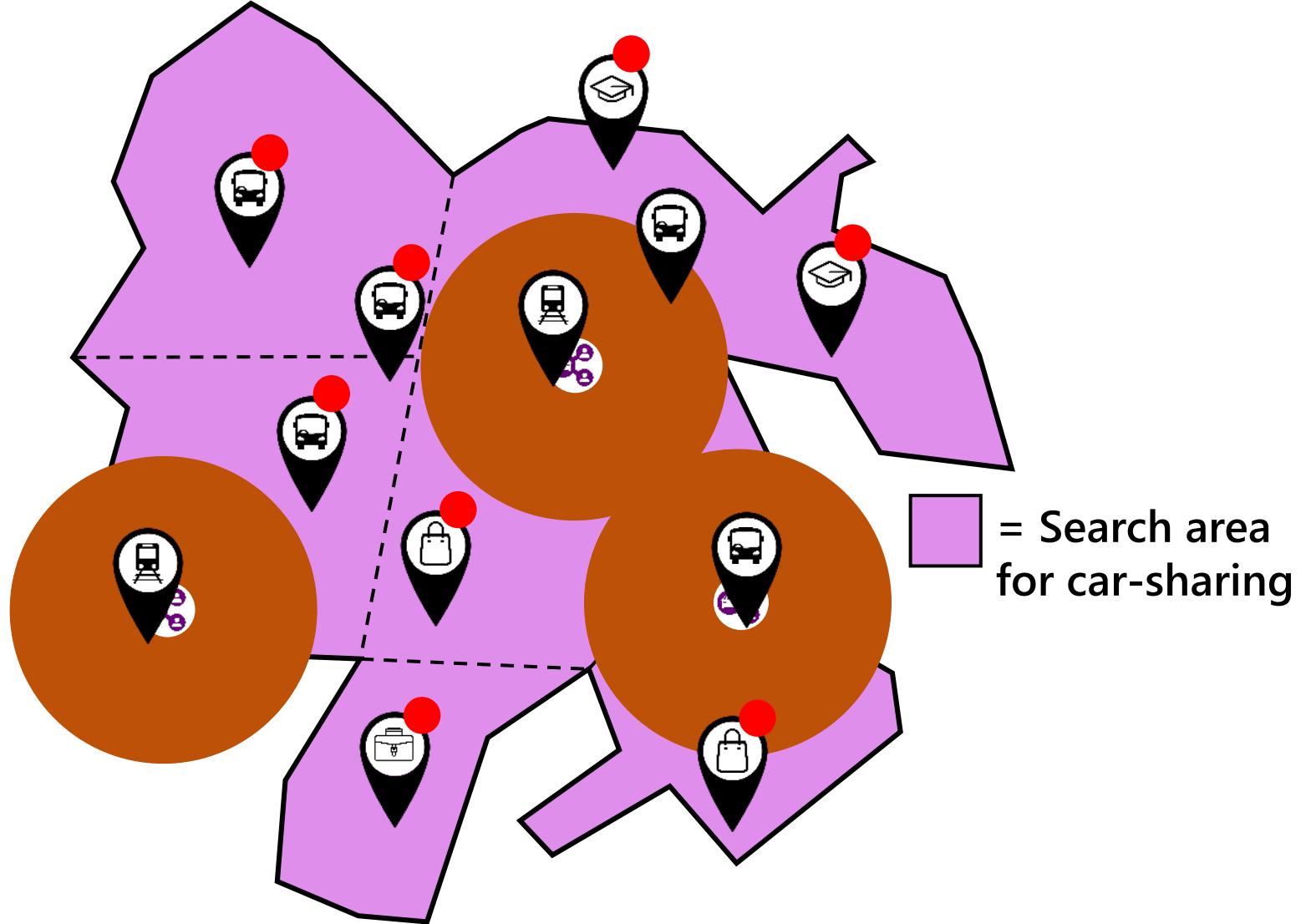
This simplified example only considers car-sharing and postal lockers for the entire city, just to illustrate the principle



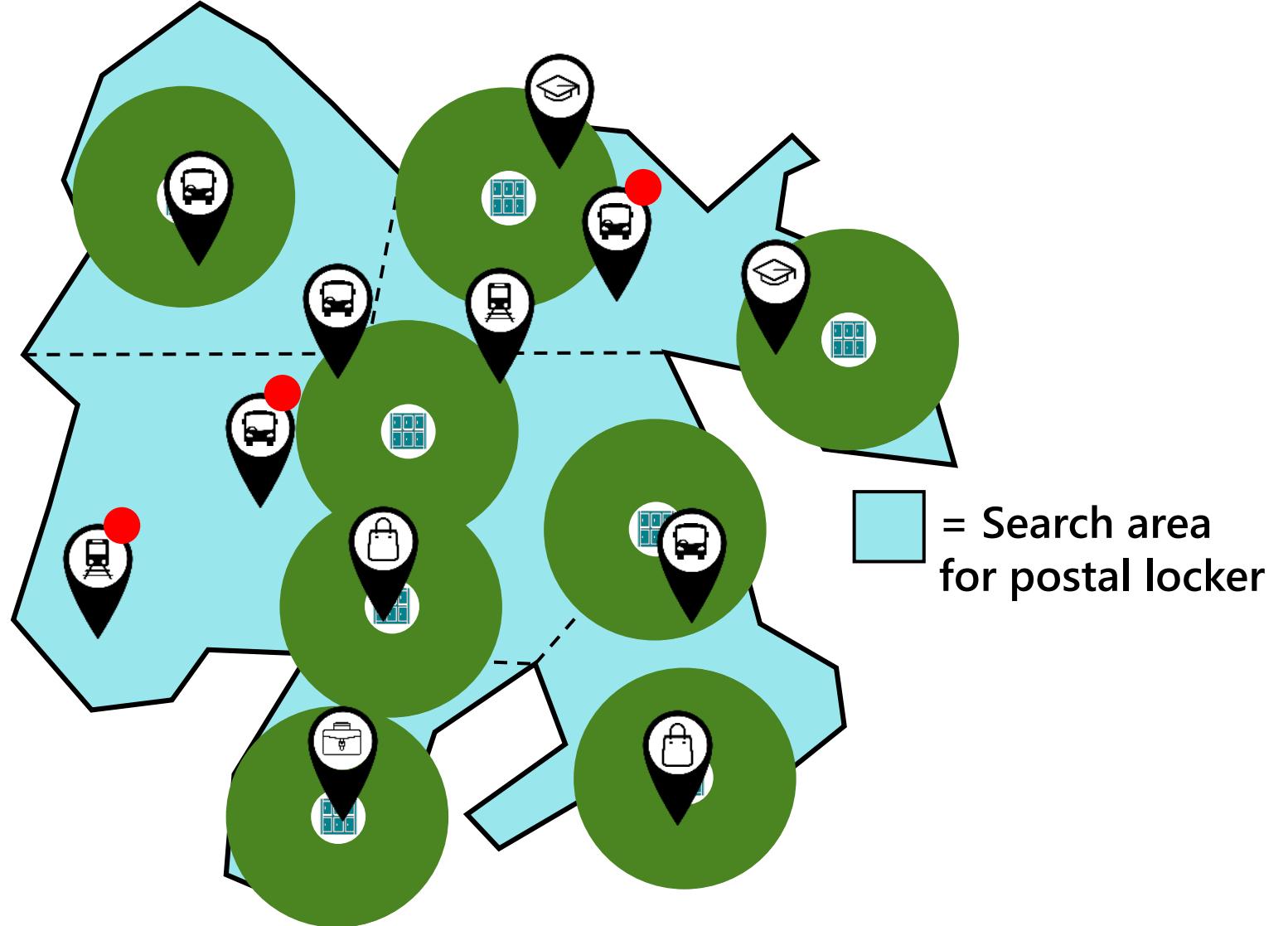
Draw the catchment areas around existing locations and define search areas for car-sharing



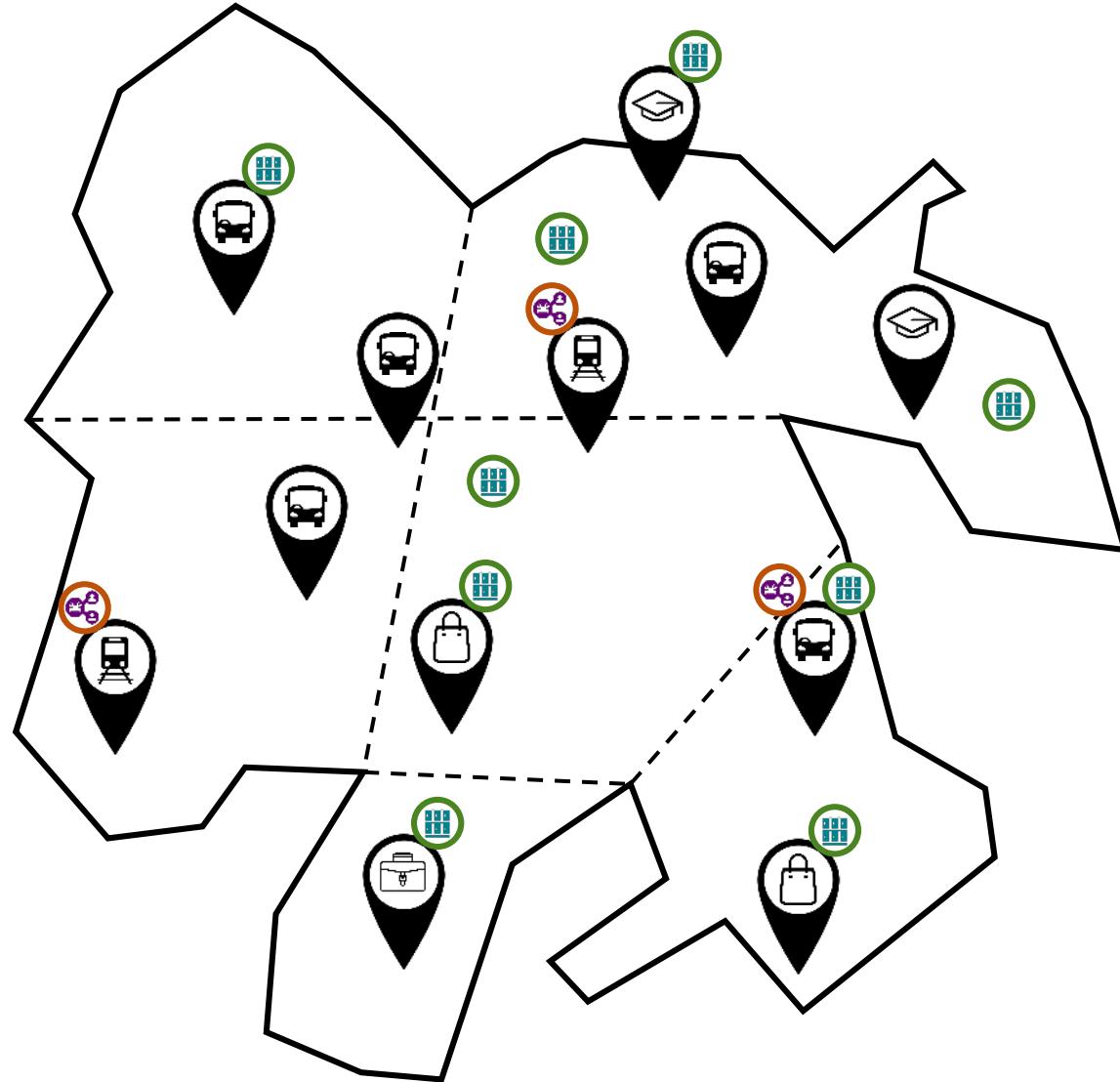
Draw the catchment areas around existing locations and define the search areas for postal lockers



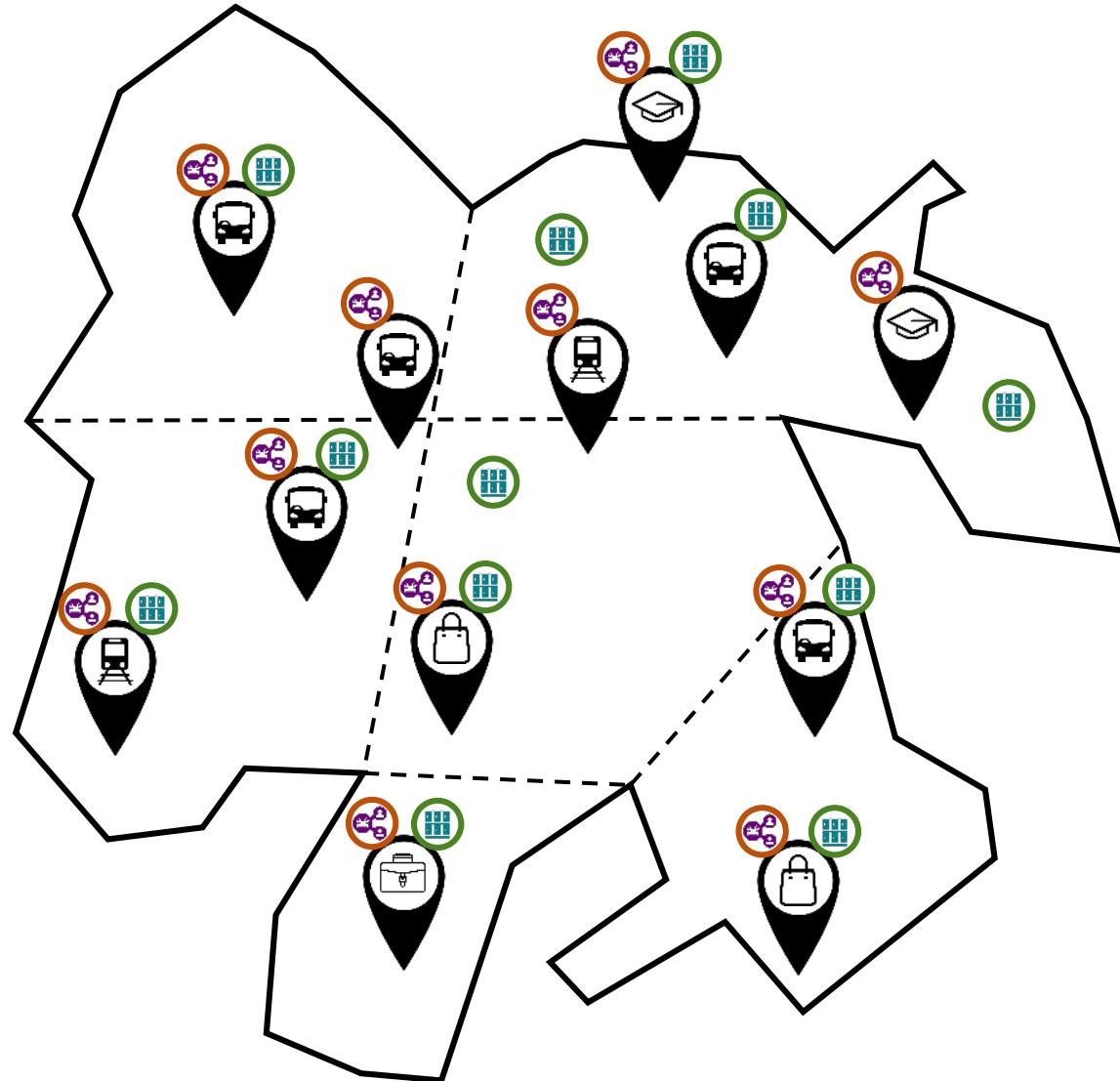
Identify preferred places to locate car-sharing within the search area, using anchor points



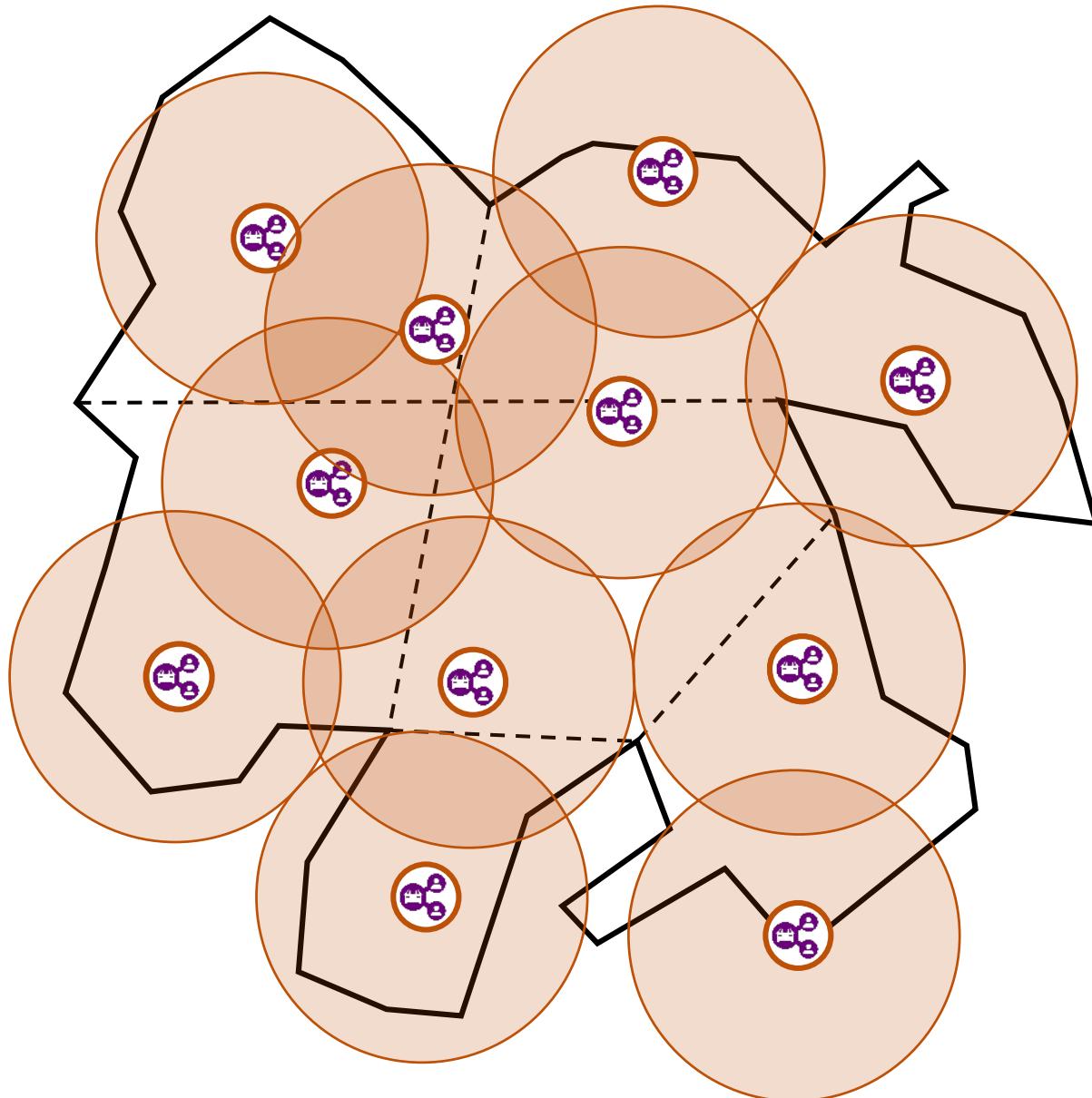
Identify preferred places to locate postal lockers within the search area, using anchor points



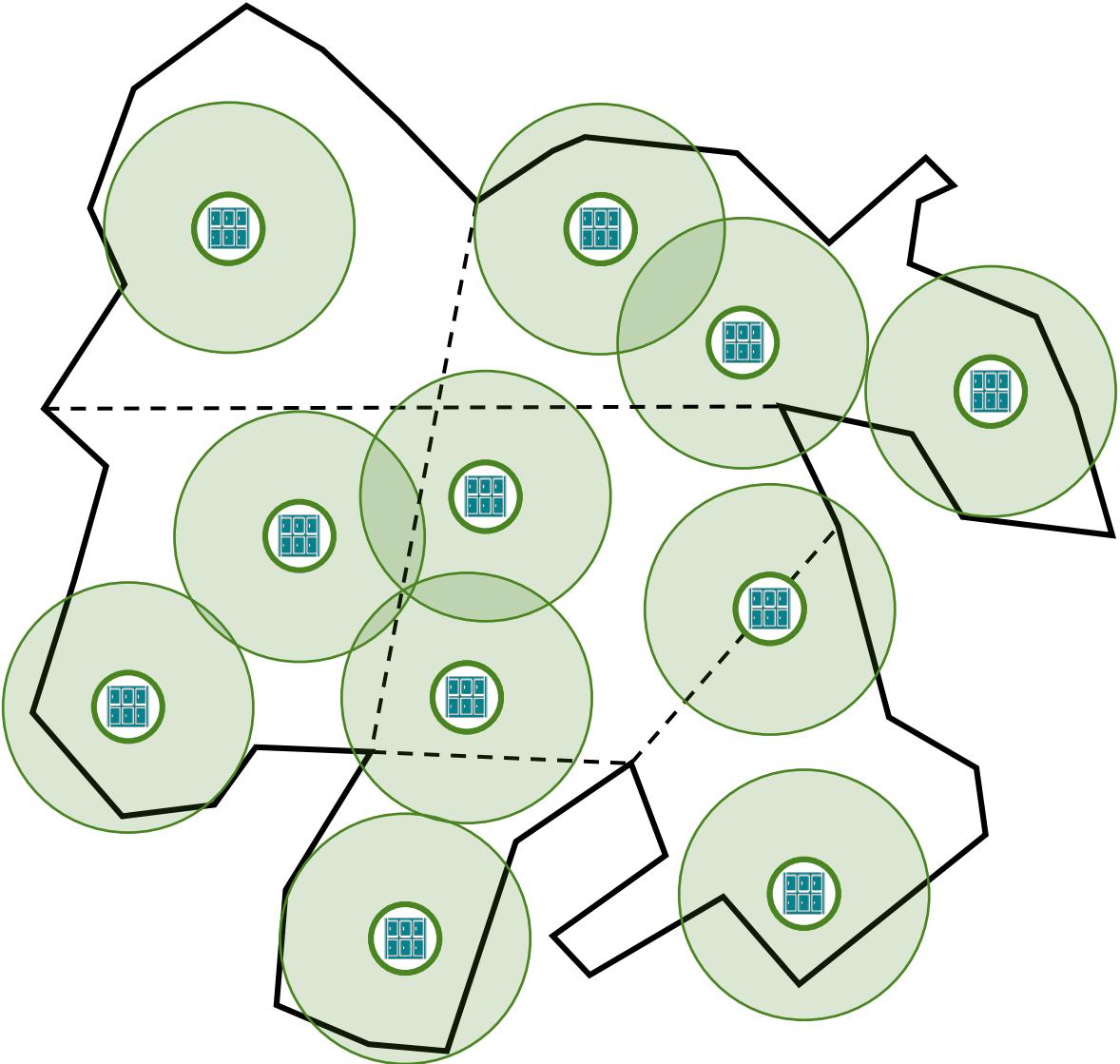
Add the new car-sharing and postal locker locations to the existing ones



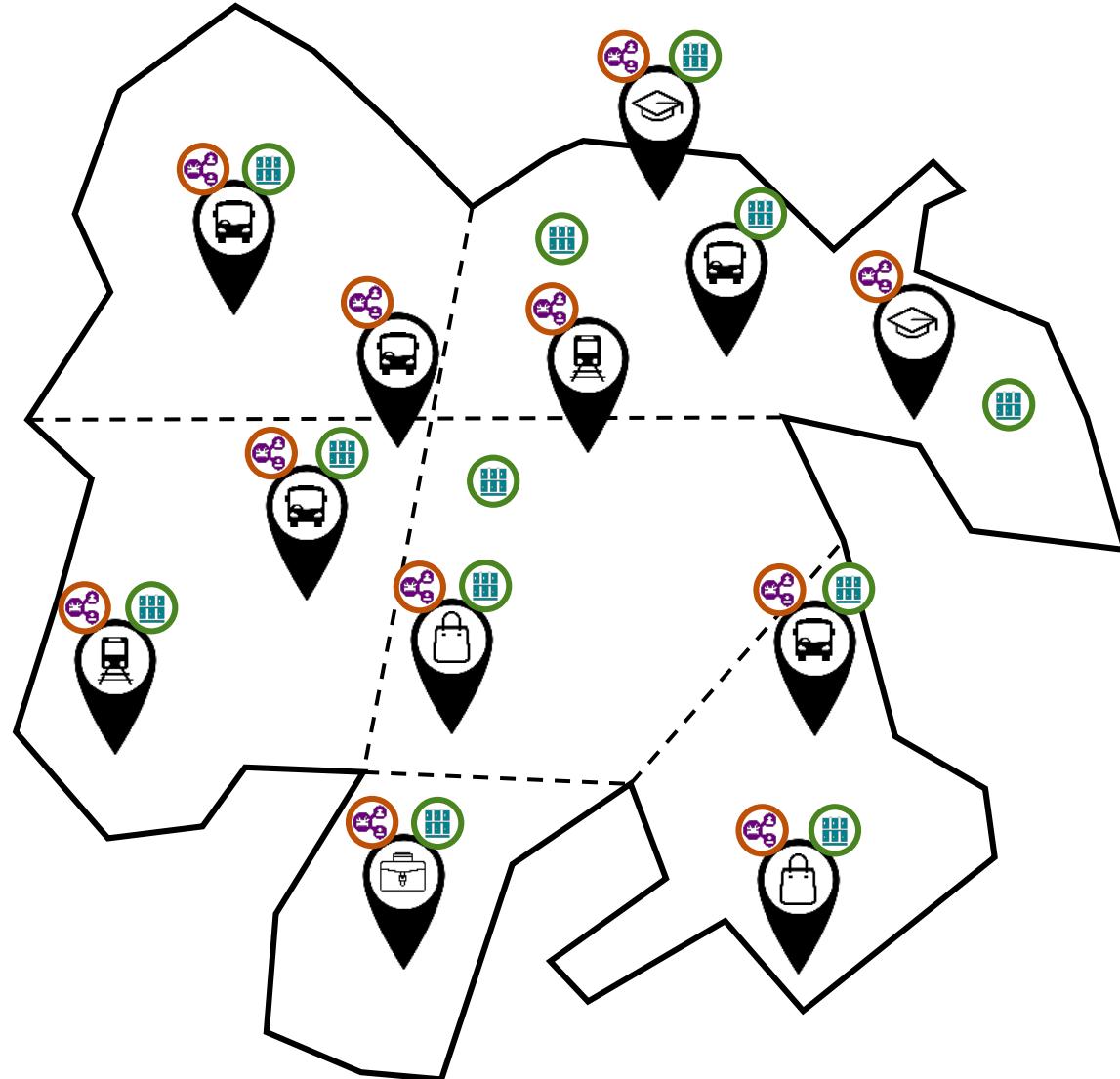
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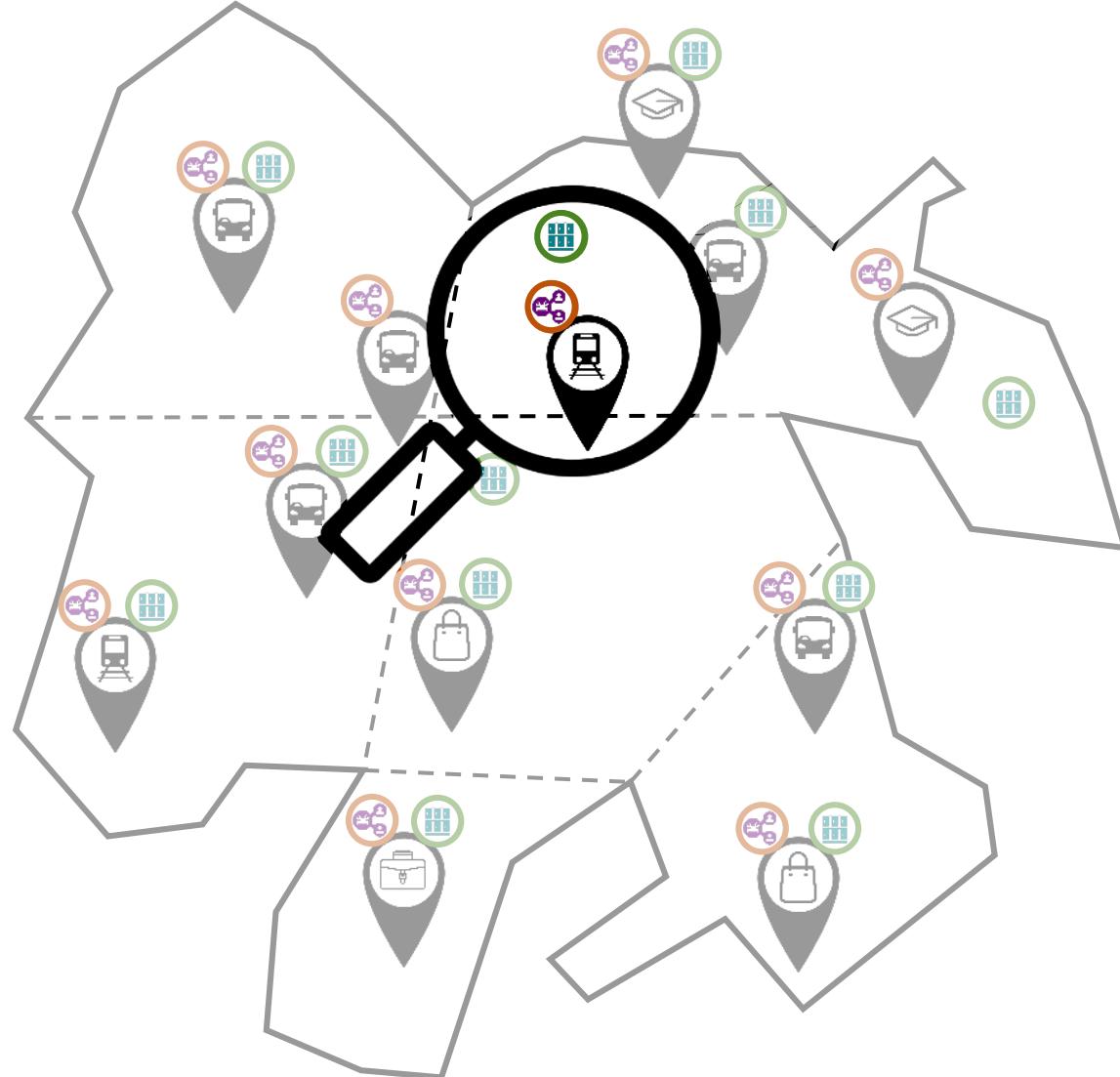
Check total city coverage for car-sharing



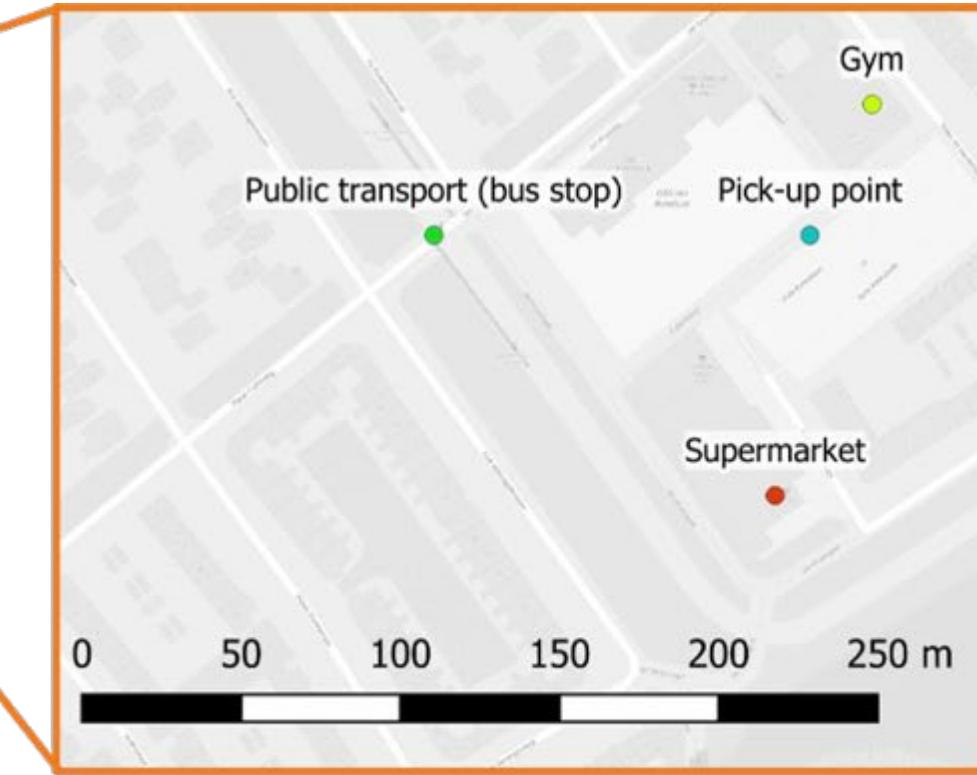
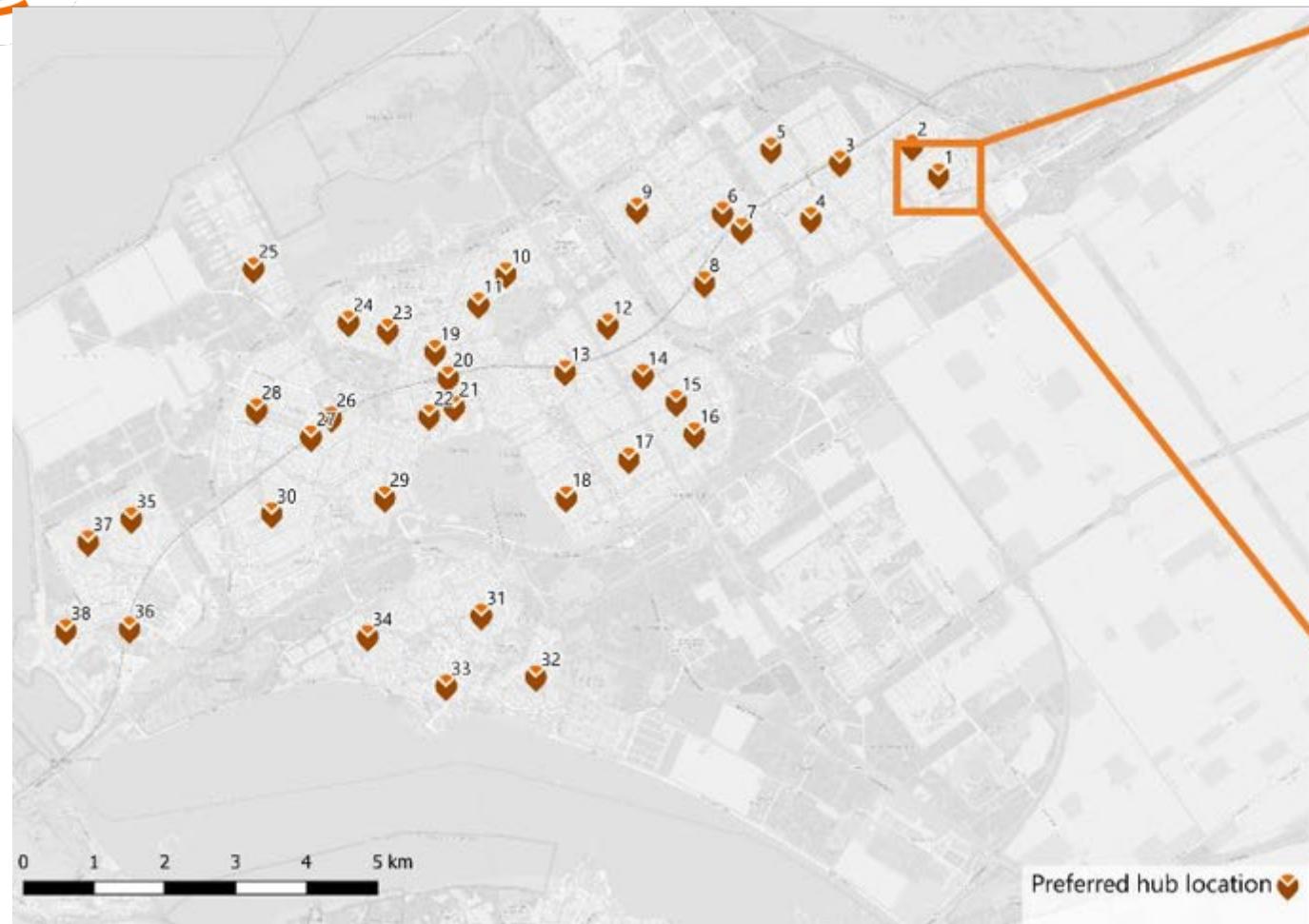
Check total city coverage for postal lockers



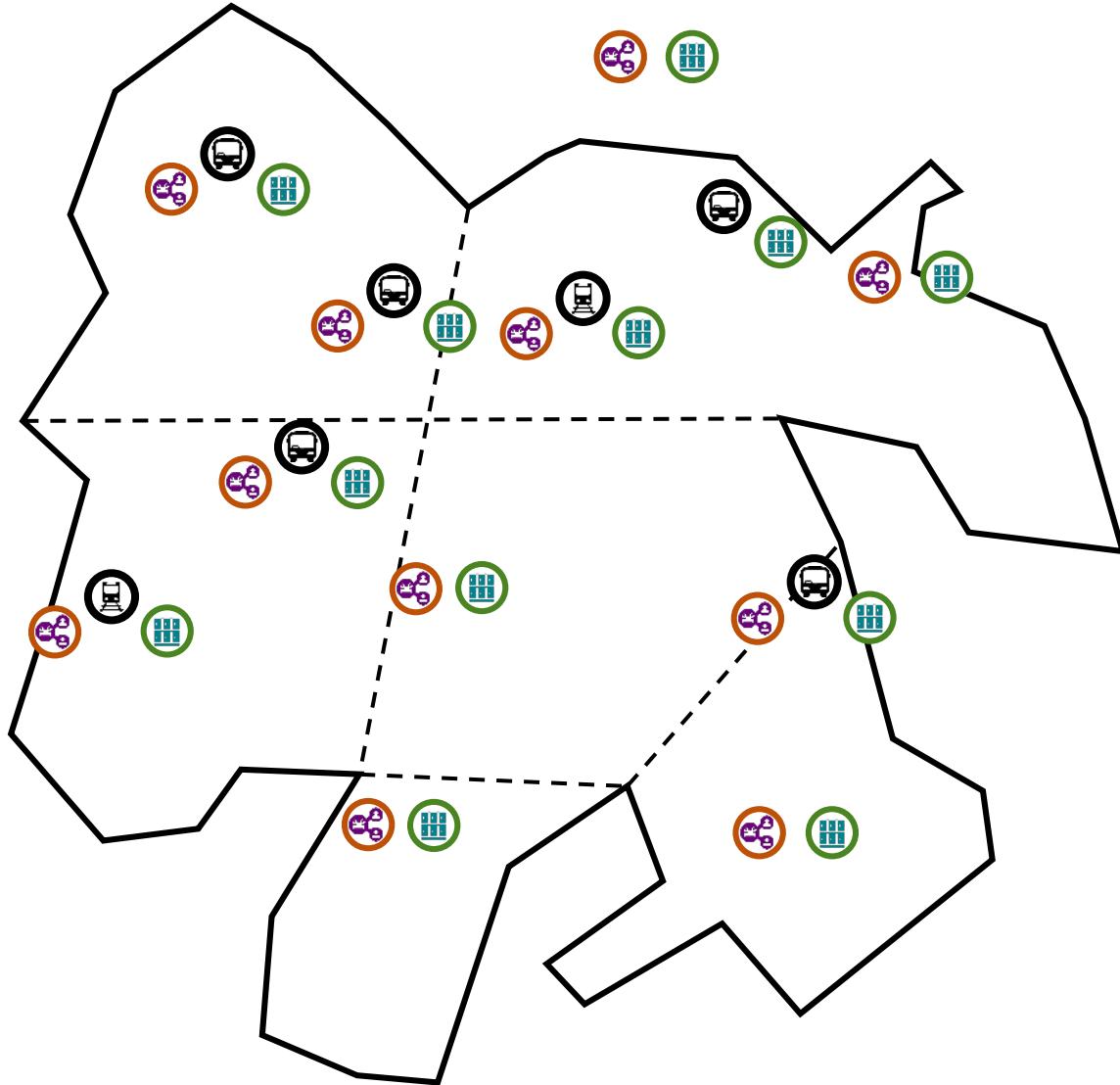
The next step is to align each location with the (new) urban context and use these steps as a growing modal for the hub network



Let's zoom in on one location to see how different shared services and transport modes can be clustered at a hub



This can be done for all locations, resulting in a coherent network of hubs



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Meer info

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