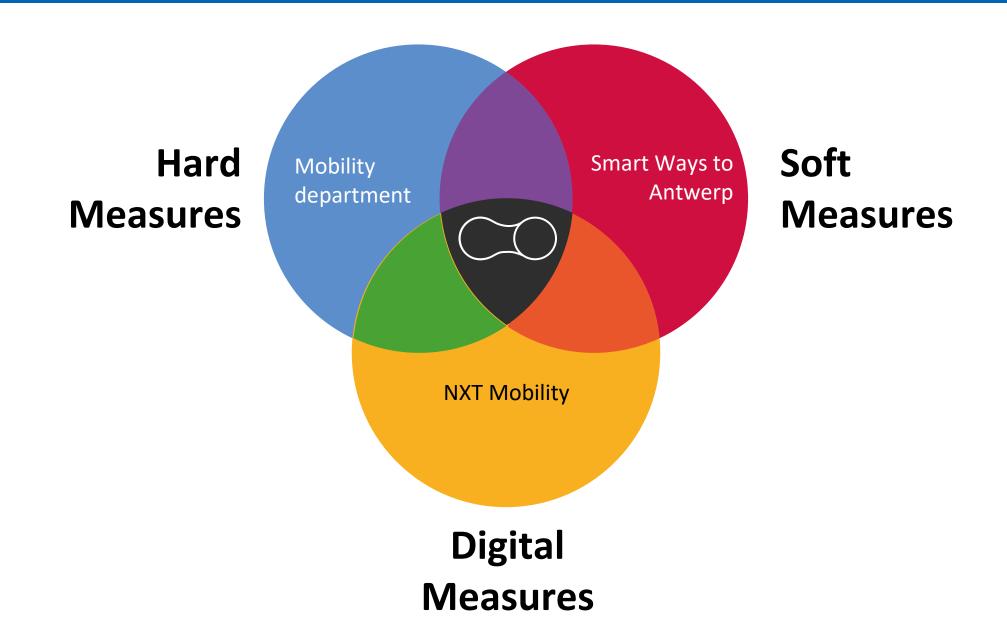
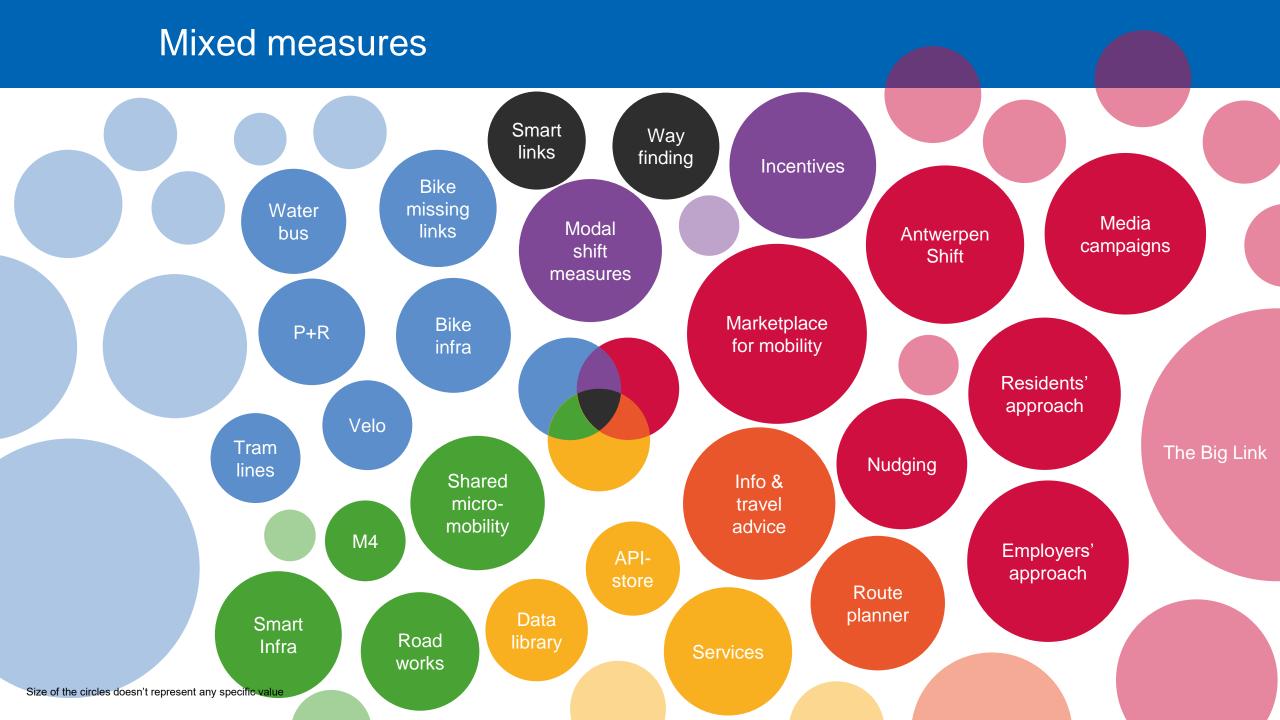


# An integrated approach





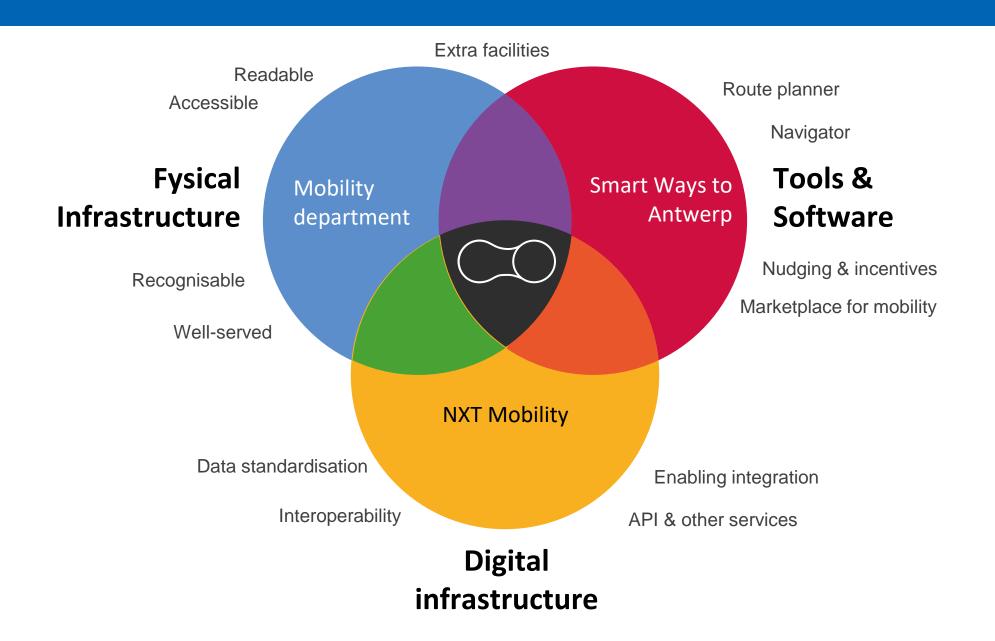


### "Slimme Schakels" / "Smart Links"

- = multimodal mobility hubs

  (as Mobipunten, Hoppin-points, ... elsewhere)
- = working title within the city of Antwerp

- = one approach towards very different hubs (neighbourhood hubs, regional bushubs, central station hub, P+R's, ...)
- = hubs as a whole, not a prefab unit next to the station



## Locations & wayfinding



Locations & categories i.c.w. local councils, Transport Region, ...

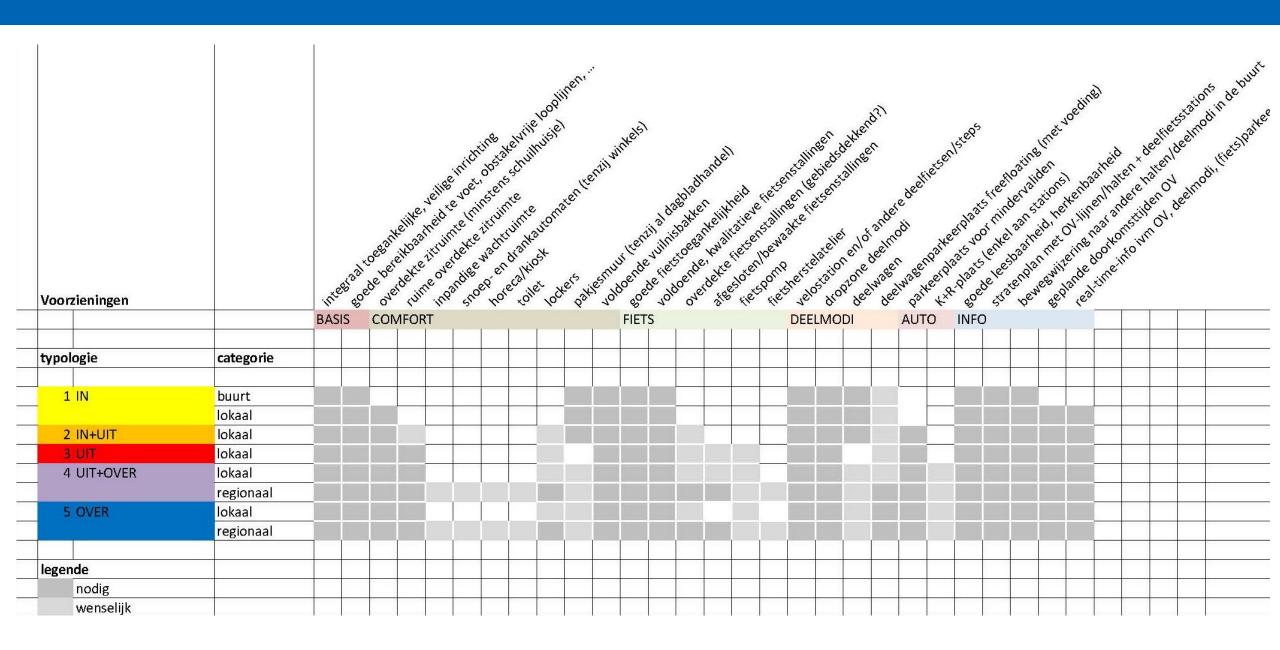
125 hubs on Antwerp territory:

- 5 'interregional' (main stations)
- O 13 'regional' (P&Rs + bus/tramhubs)
- O 70 'local'
- 38 'neighbourhood'
- 50 at regional roads → by regional government
- ∙ 8 at trainstations → i.c.w. NMBS
- → 3 at big new P+R's → i.c.w. Lantis

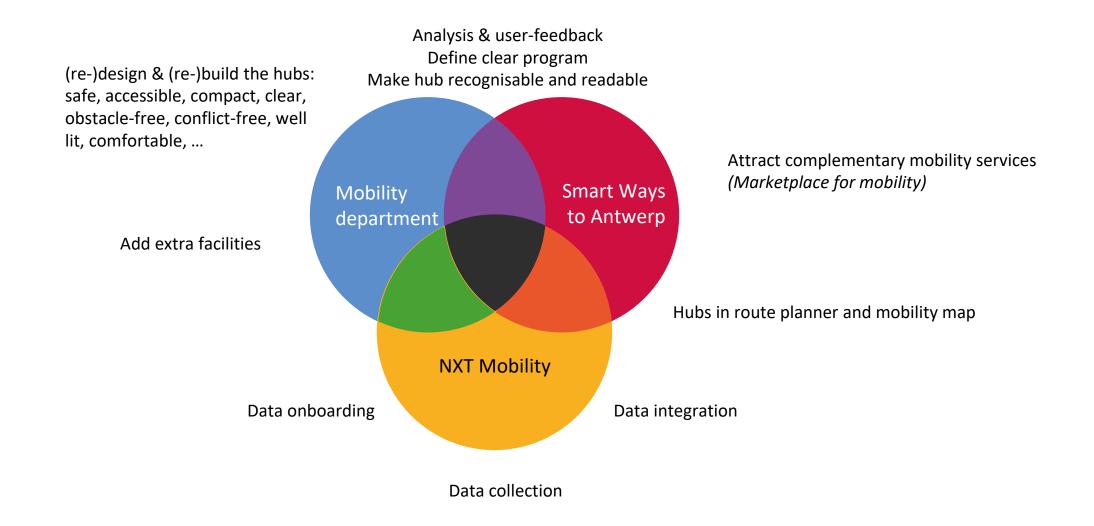
#### 5 subcategories/types

- Living areas
- Living + attraction areas
- Attractions
- Interchange + attraction area
- Interchange

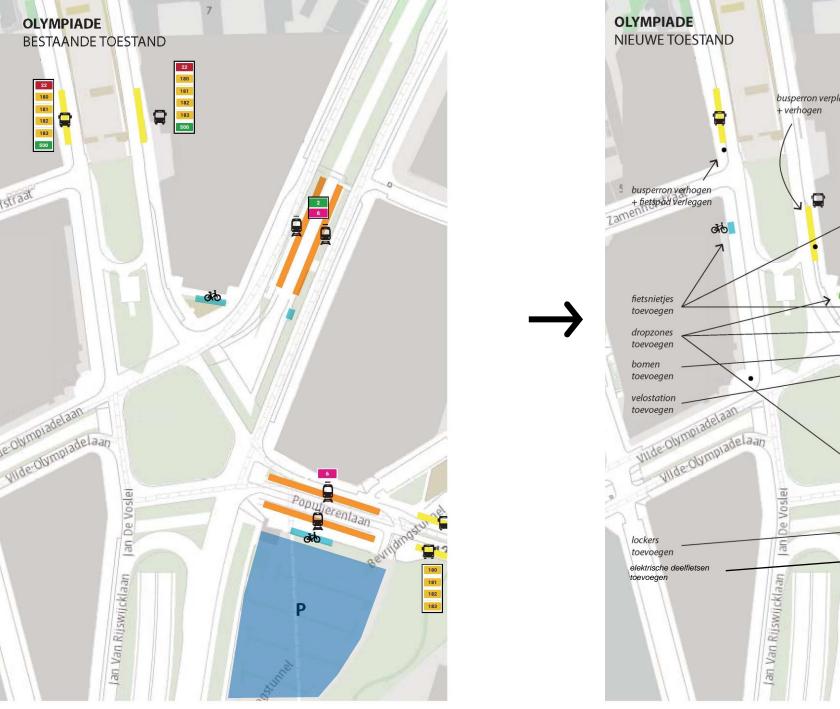
#### **Facilities**

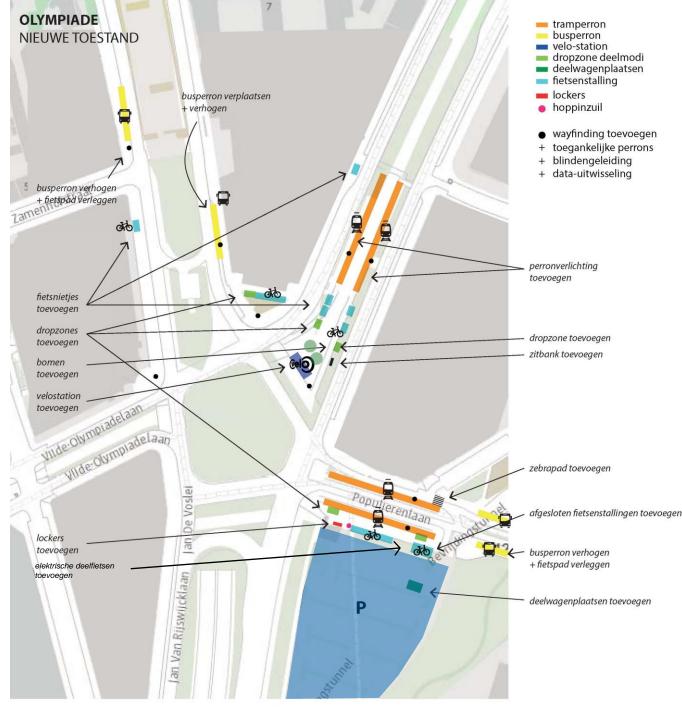


### To Do - per hub:





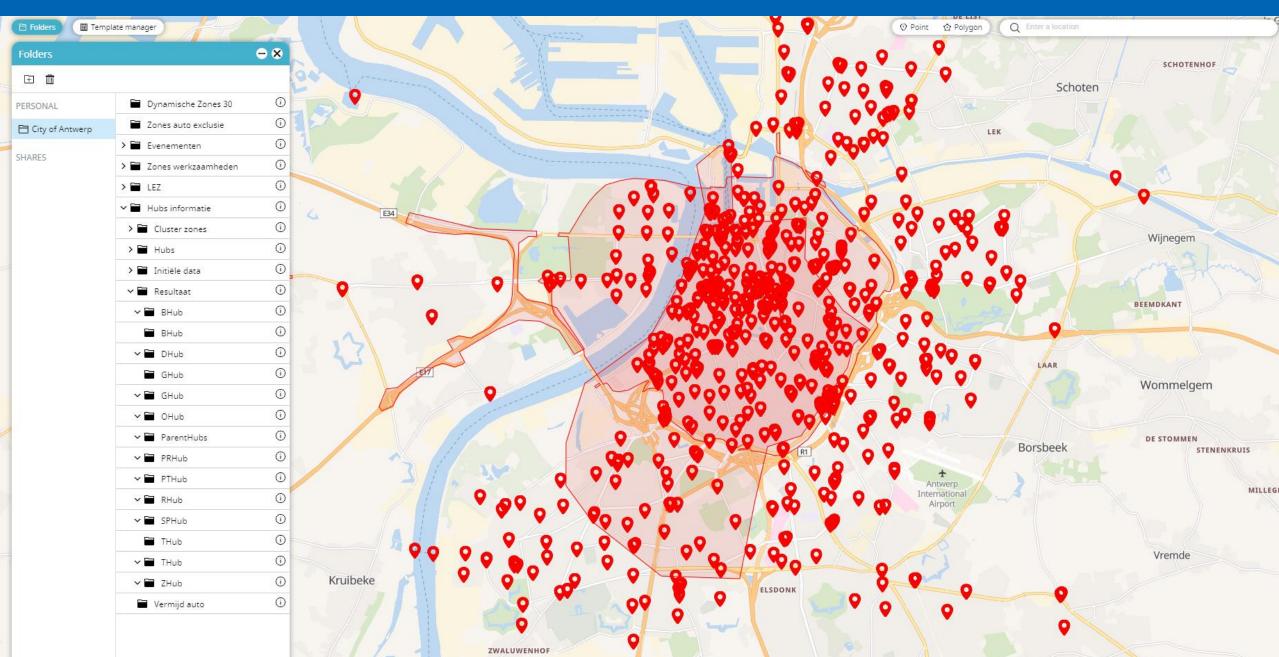




#### Facilities to be further elaborated

- Lockers <u>on-street</u> (with battery-loading function)
- Enclosed bicycle parking <u>on-street</u> (with reservations?)
- Bicycle pump / repair station on-street
- Internal wayfinding system
- Digital connection
- ...

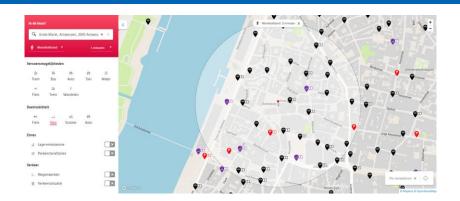
# Hubs in routeplanner



## Digital connection

#### **Mobility map**

Visualisation of mobility data specific for the hub



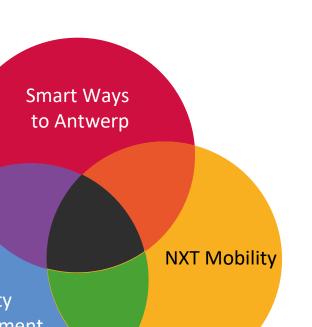
#### **Route planner & Navigator**

- Routeplanner app Smart Ways to Antwerp
- Intermodal route advice BeNeLux



#### API-store with data from mobility services (available to third parties)

- Shared mobility providers (RT)
- Parking data
- Routing API
- Public transport data
- ...



# Vragen?

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