

VIL
EMPOWERING
LOGISTICS



**NEW BUSINESS MODES FOR SMALL AND
CLEAN FLEET: ULAADS**

DYNAMIC ACCESS REGULATION: TOKEN

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ULaaDS: Urban Logistics as an on-Demand Service

Domien Stubbe (VIL)





8
COUNTRIES



36
MONTHS



KEY FIGURES

START DATE: SEPTEMBER 2020



24
PARTNERS

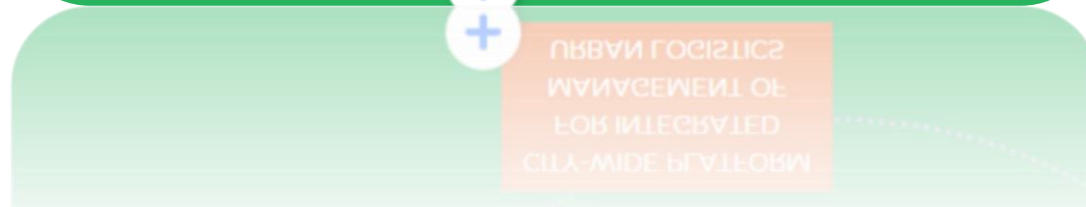
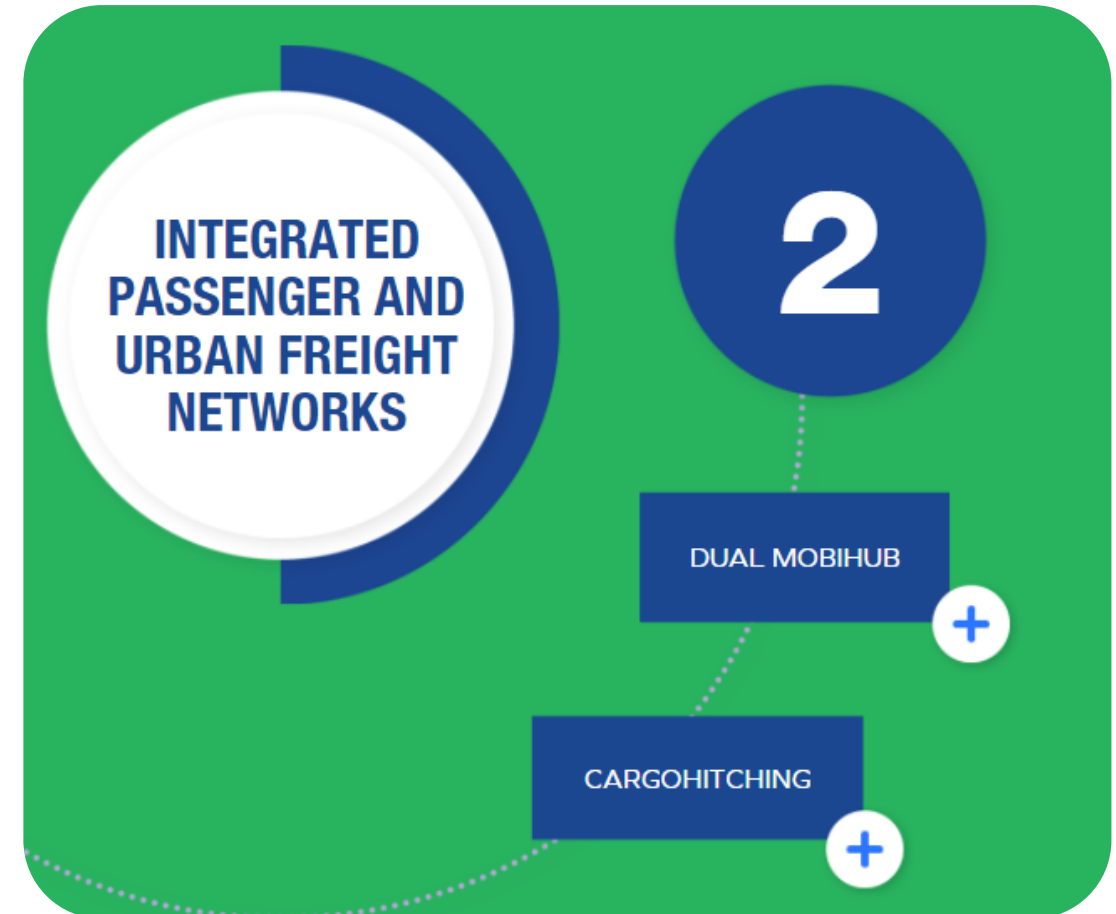
3.15m
BUDGET



Living labs and early adopters



ULaDS: solutions and schemes

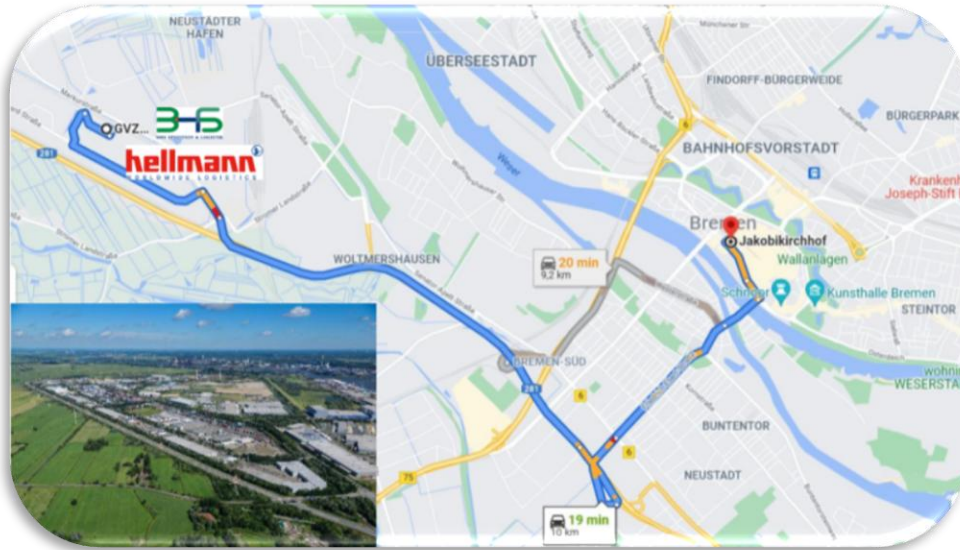


Containerized Urban Last-Mile Delivery

Bremen:

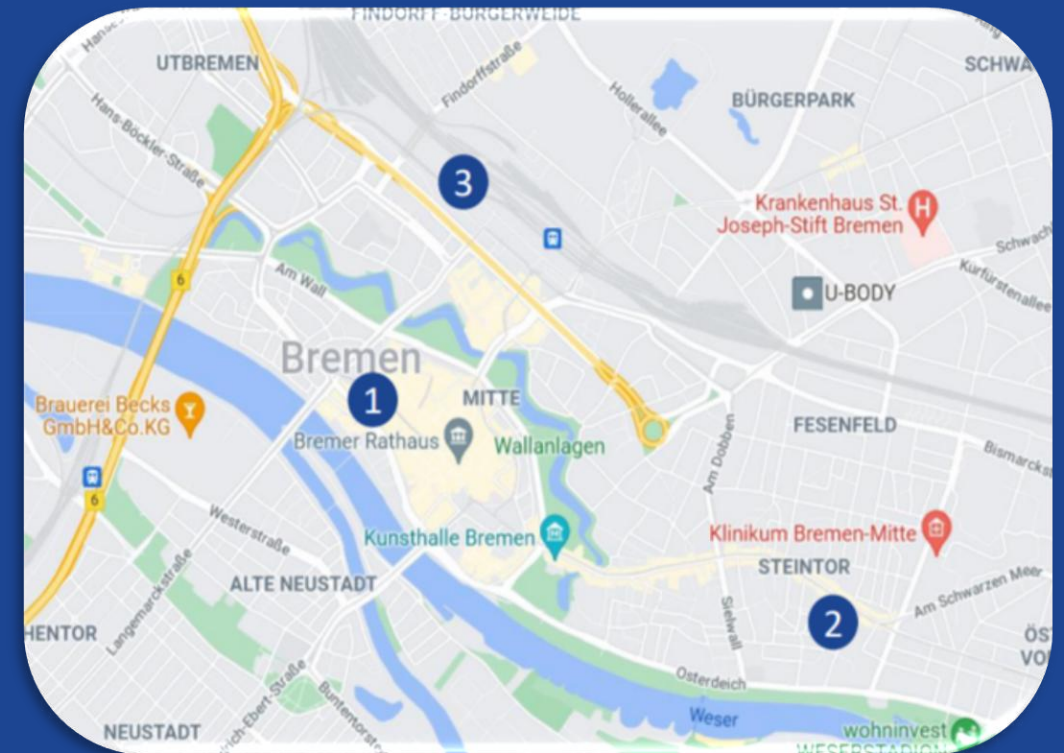
- Containerized microhubs + cargo-bike delivery





3 inner city micro hubs

- one partner for governance
- Multiple service providers



Sharing economy for on-demand city logistics



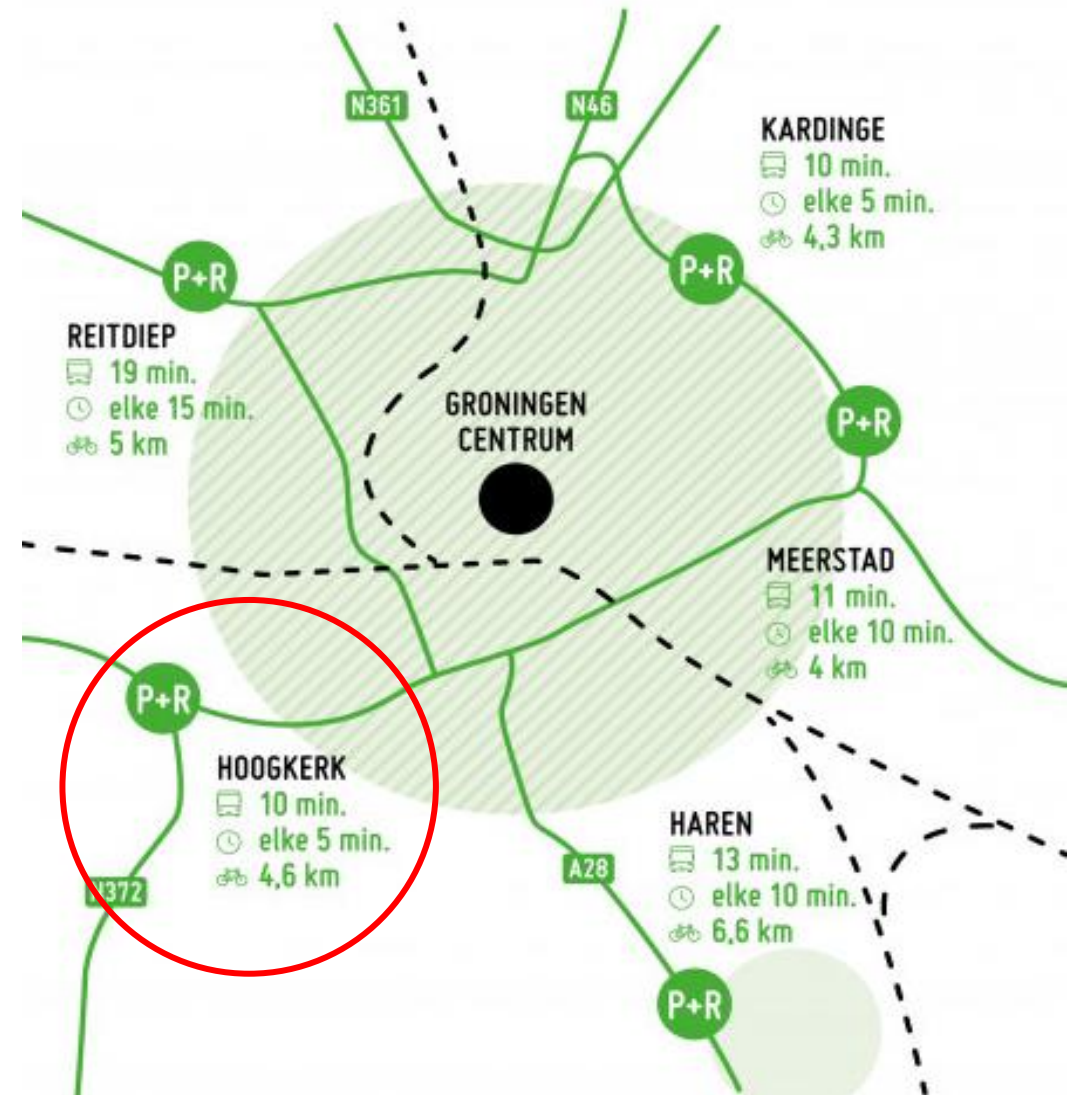
- **Groningen:**

- Cargo-bikes and electric van sharing, consolidation of flows
- Local shopkeepers and businesses united



Dual Mobihub

- Groningen:
 - 375,000 traffic movements per day



Dual Mobihub

- Publicly governed parcel lockers
- Shared (e-)cargobikes (governed by GCC)



City-wide platform for integrated logistics management



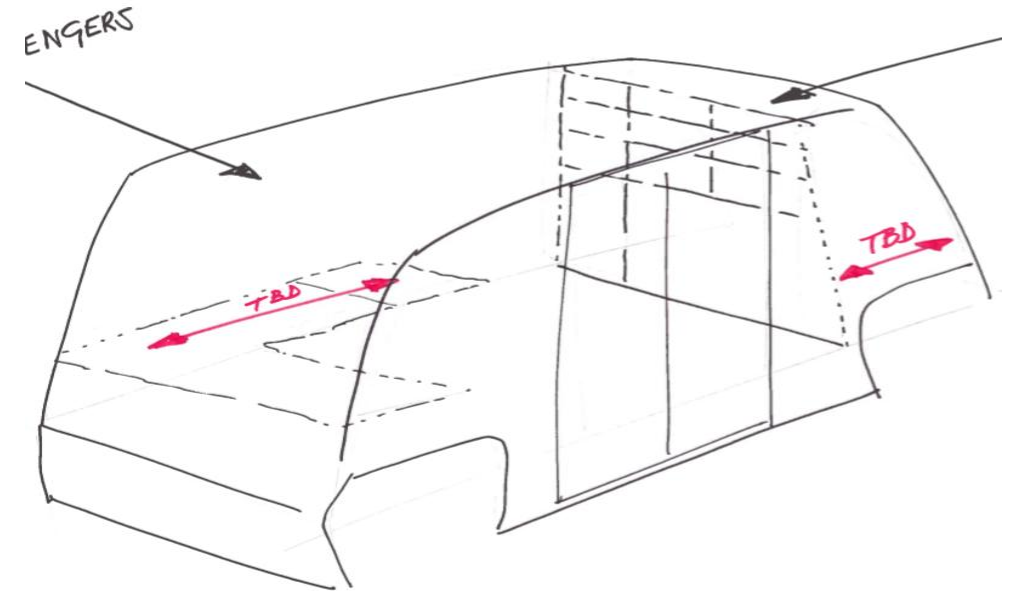
Mechelen

- Collaboration Bpost, UPS and EcoKoeriers
- ⇒ Optimizing last/first mile by using each other's services
- ⇒ Development of pricing model
- ⇒ Expanding services with reverse logistics B2B



Cargo hitching

- **Mechelen:** autonomous vehicle will transport passengers and parcels in a parcel locker on board of the vehicle



Main takeaways

- Creation of sustainable business models:
 - Social, ecological and economical value needed
⇒ Governance!
- Stakeholder engagement is **key for success**
 - **Timing!!!** Different perception industry vs. Academics
 - Create clear expectations from the start



**More info:
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