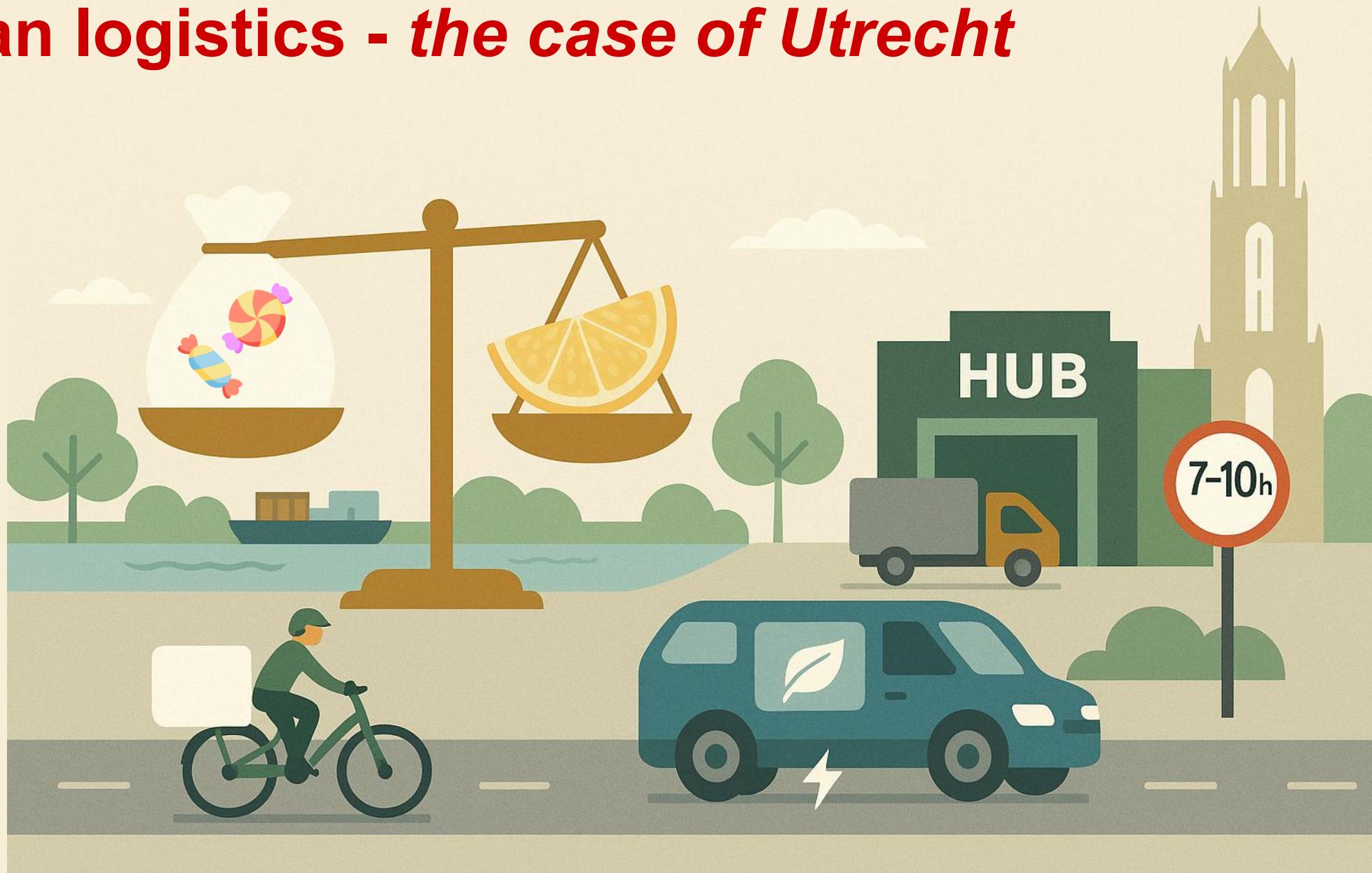


Balancing the Sweet and Sour in sustainable urban logistics - *the case of Utrecht*



Utrecht, a big old city port



Perfect for medieval logistics

Terrible for contemporary logistics

Opportunity for futureproof urban logistics



Clean and efficient urban logistics: trias logistica

2023



Step 1: Prevent
Less kilometers and
vehicles by bundling

2040



Step 2: Shift
To light electric
vehicles and boat

Step 3: Clean
No emissions, noise
and vibrations



Action Plan Urban Logistics 2023-2026

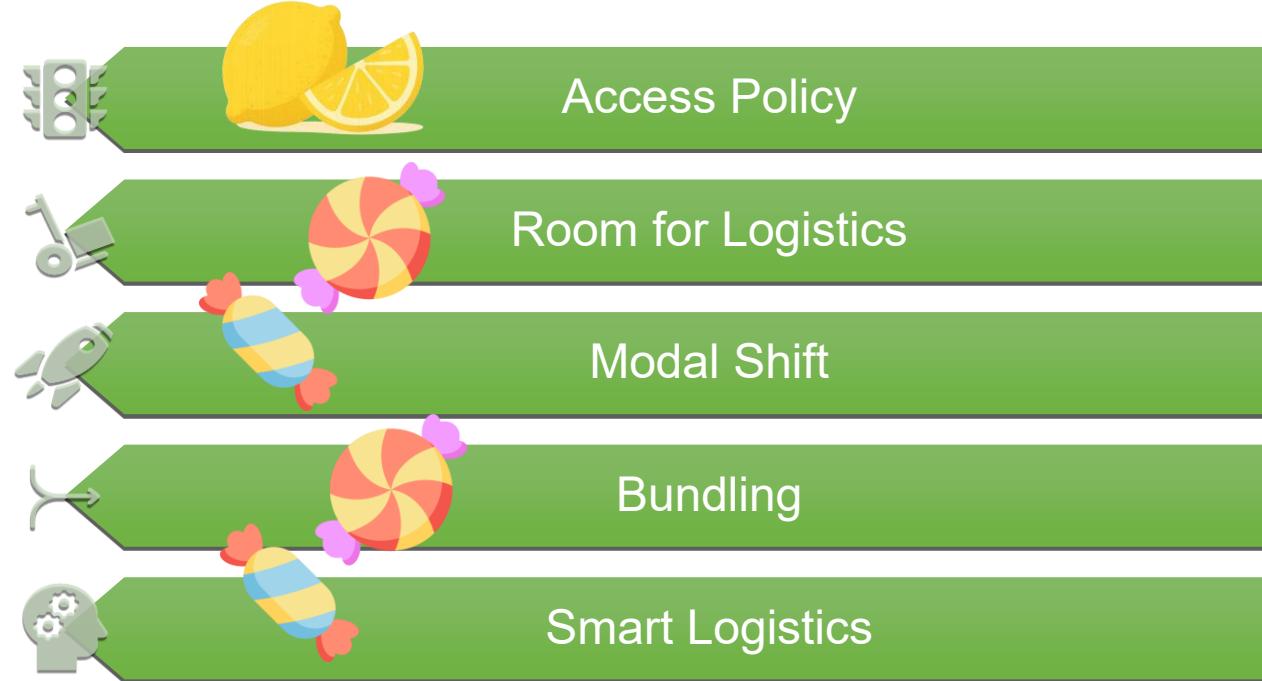
Balancing Sweet and Sour

Goal

Making urban logistics more sustainable and efficient (smarter) by 'taking control'

- 5% less logistics movements in 2026
- 50% less emissions from urban logistics
- 10% modal shift (boat and LECV)

How?



Access Policy



2025: step-by-step implementation of Zero Emission Zone

Important for clean air, but doesn't solve space issues!



toegestaan
nul-emissie

2026: New access policy inner city

- No heavy trucks (max 7.5 tons total weight)
 - **Unless** you bundle goods
 - **Unless** there is no available or efficient alternative
- 6-10 window time for whole inner city
 - **Unless** you apply for an exemption (e.g. maintenance, repair and construction)
 - **Unless** you drive a (light) electric vehicle
 - **Unless** you deliver by boat



Modal Shift



- Trial period for LECVs and cargo trailers / bikes
 - For entrepreneurs in Utrecht
 - One month free
- Transport by water
 - City operates 2 'beer'boats and 1 ecoboat
 - New electric boats delivered in September



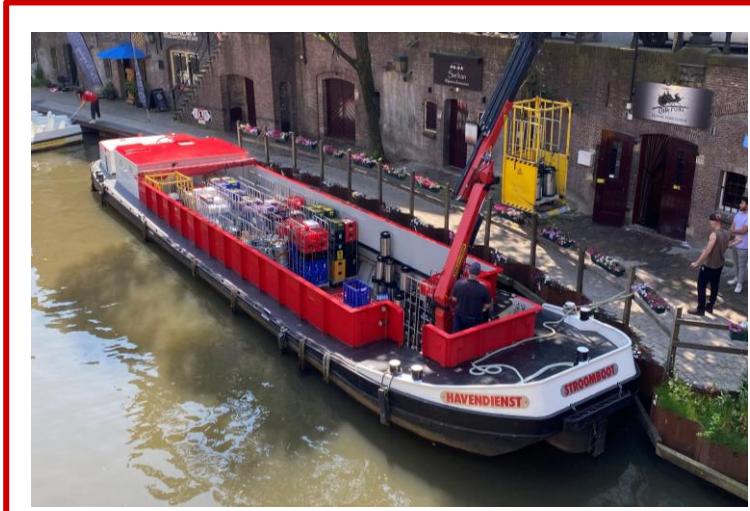
LECV by Seval e cargo



Bike trailer by Nüwiel



Cargo Bike by Today



Municipal beerboats

Room for Logistics



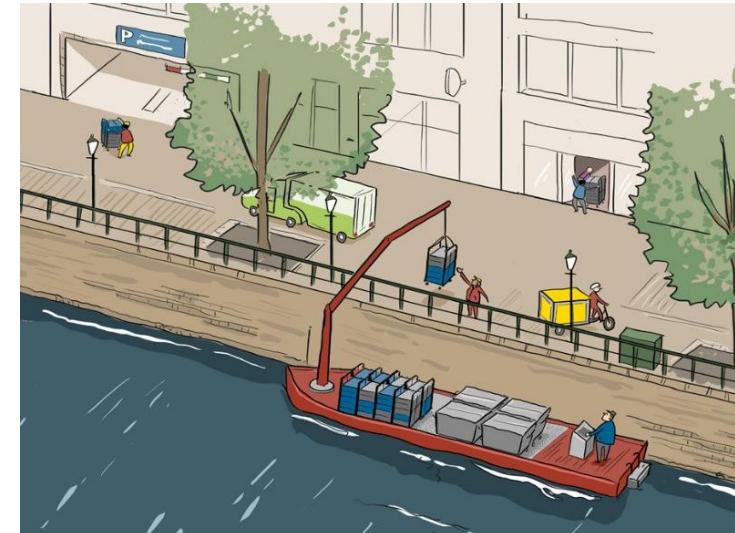
Historic city

- Microhub Paardenveld
- Build inner city loading quays

Parking garage Paardenveld



Loading quay Rijnkade



Loading quay locations and indicative service area

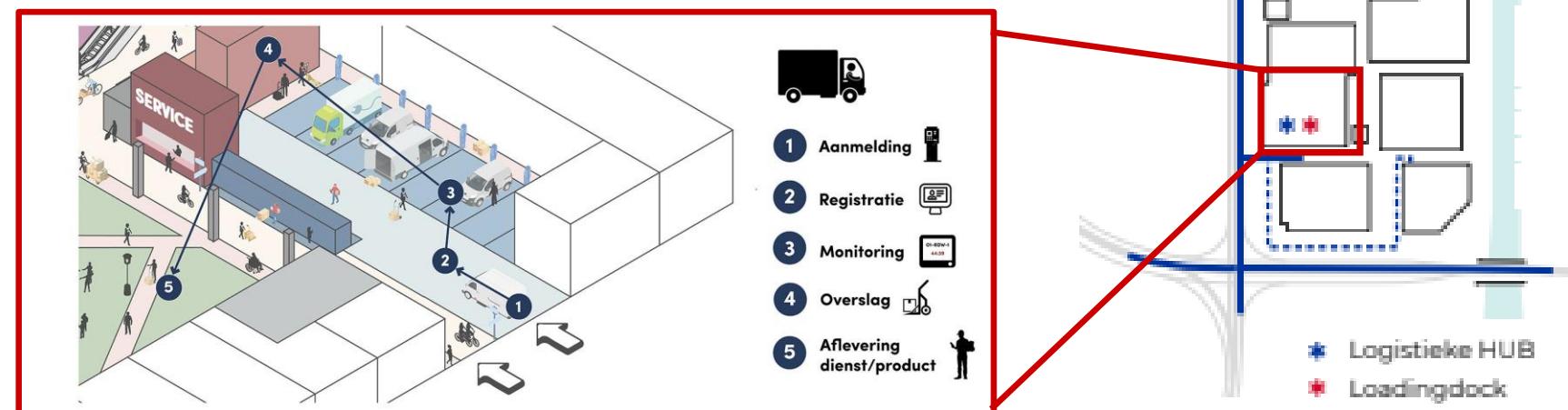


Room for Logistics



Merwede Neighbourhood

- 6000 new homes
- Car free
- 2 logistics hubs
- Includes 2 white label parcel shops



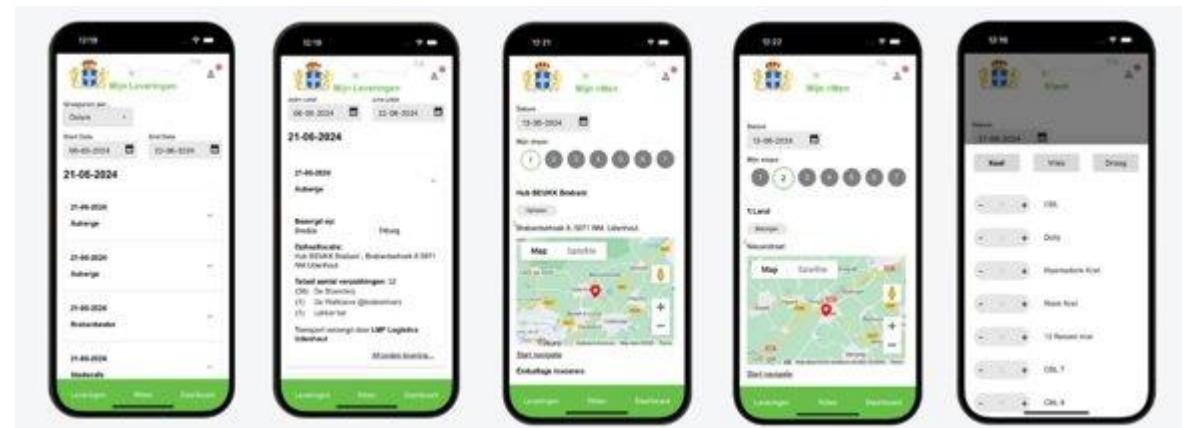
Bundling



- Construction Logistics plans – mandatory, steer on bundling to the work site
- Parcel bundeling to big offices and apartment complexes
- Food logistics bundling initiative – Last Mile Fresh



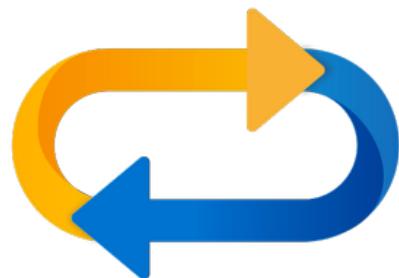
LAST MILE
*Fresh**



Smart Logistics



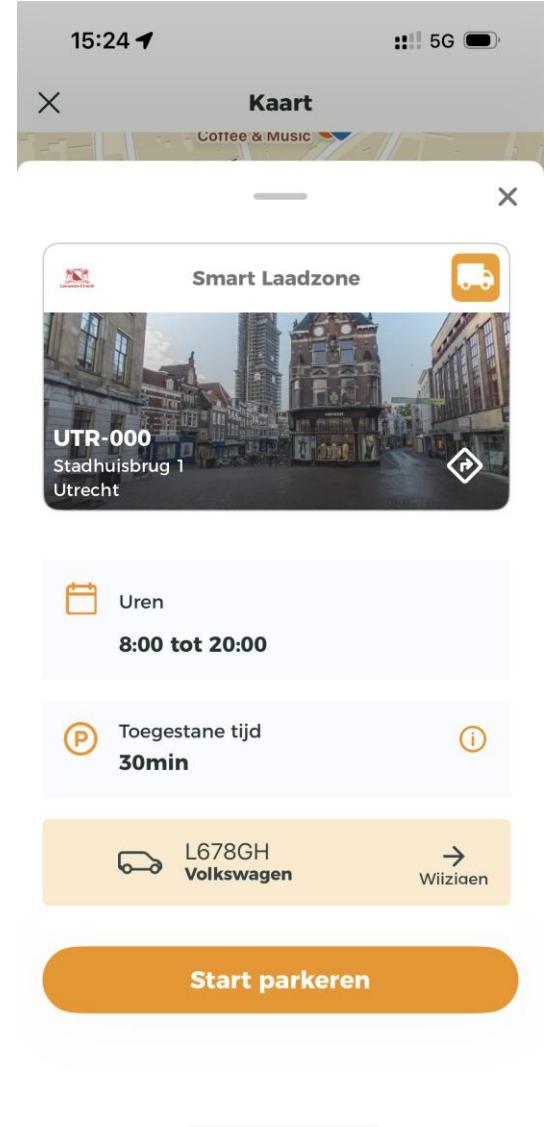
- Smart loading zones – Parkunload
- Smart Access – Allow access for logistics
- Connect city to data chains



PARKUNLOAD



Gemeente Utrecht





**Thank you for
your attention!**

For more information:

Stan de Caluwe, City of Utrecht
stan.de.caluwe@utrecht.nl

POLIS
CITIES AND REGIONS FOR TRANSPORT INNOVATION



POLIS25
ANNUAL CONFERENCE

26-27 November 2025
Royal Jaarbeurs | Utrecht, Netherlands

Use our hashtag:
#POLIS25