

ALICE – Urban Logistics

POLIS
CITIES AND REGIONS FOR TRANSPORT INNOVATION

alice | Alliance for
Logistics Innovation
through Collaboration
in Europe



**Cities-Regions and Companies
working together**

*Guide for advancing towards zero-emission
urban logistics by 2030*

Retailer experience with Consolidated Urban Logistics Transport

Urban Logistics Hubs Paris – June 2023
Hans Schurmans



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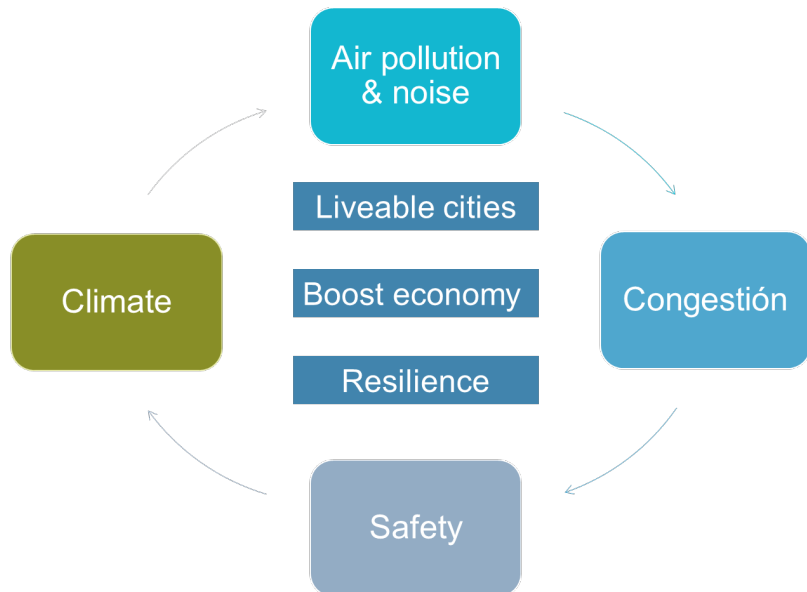
*Guide for advancing towards zero-emission
urban logistics by 2030*

- Strategic collaboration on urban freight with POLIS
 - **Joint-Guide POLIS – ALICE** on advancing zero-emission urban logistics by 2030.
 - **Webinars** and **events** regularly organized to bring together local authorities and companies (logistics, retailers, etc.).
- Contributing to EU policy making:
 - Co-leader of Subgroup on Urban logistics of EU's Expert Group on Urban Mobility (EGUM)
- Facilitating public-private strategic dialogue to identify collaborative solutions for clean and efficient urban logistics, bringing together cities and companies
- Advancing innovation uptake:
 - Liaison Program to connect ongoing projects on urban logistics
 - Knowledge platform & innovation marketplace
 - Urban Logistics Innovation Day (jointly organized with POLIS and C40) with support of IKEA on 26 Sept 2023 (registration open soon)



Overarching principle for Greening Urban Deliveries

- Freight flows consolidation strategies
 - Consolidation centres/hubs & micro-hubs
 - Decoupling transport and delivery (Pick up points, lockers)
- Flexible time and off peak and night deliveries
- Worker's welfare, safety and skills



1. **Zero Emissions delivery solutions** (beyond vehicles) need to be **competitive in costs to be sustainable in time**
2. **Consolidation and sharing must be the norm for urban freight and logistics.**
 - Support and implement **physical internet concepts**;
 - **Development and application of new models of collaboration** addressing different flows, B2B & B2C hybridization, multi-industries reverse flows.
 - **Companies' leadership and public support** (e.g., easing implementation, incentives, access regulations) **are essential** to implementing these models.
 - **Consolidation centres** are needed to shorten last mile delivery distances, enable consolidation and the use of low/zero emissions vehicles.
3. **Decoupling transport and delivery operations**
 - **Parcel lockers, pickup points and other unattended delivery solutions** will play a central role.
 - Make use of **off-peak deliveries** as much as possible
4. Possibly, **limiting quick delivery to only strict necessary goods**
5. **Fragmentation of flows** (e-commerce) and the need to **transition to zero emission modes may boost the need for consolidation and decoupling transport and delivery.**
6. **Training of drivers and ensuring responsible labour conditions are essential** to ensure eco driving and safe operations improve the environment, health and safety of citizens and workers

Greening outbound transport

Consolidating retail and e-commerce deliveries



Quasi 100% emission free Collaborative Urban Logistics & Transport in Antwerp and soon in Brussels

Greening last-mile delivery



50% CO₂e emissions reduction by 2025 and 100% by 2030

E-commerce → *education via web shop*

June '21



October '21

Delivery

How would you like to receive your order?

Home delivery
We bring you the package at home
2 - 3 business days

Relay pickup **Eco choice**
Select a pick up point and collect your package whenever it suits you
2 - 3 business days

Your delivery

How would you like to receive your order?

Relay pickup **Eco choice**
Select one of your Pick up point and get your package whenever it suits you
2 - 3 business days

Home delivery
We bring you the package at home
1 business days

45% Pick-up deliveries

Towards customer nudging by rewarding green delivery options