



CiViTAS
Cleaner and better transport in cities



The Copenhagen-Malmö Model for successful implementation of Urban Consolidation Centres

CIVITAS Forum

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The Challenge

Goods transport contributes to:

- Emissions
- Congestion
- Noise
- Potential decline of city attractiveness and economic growth



Especially in urban areas due to

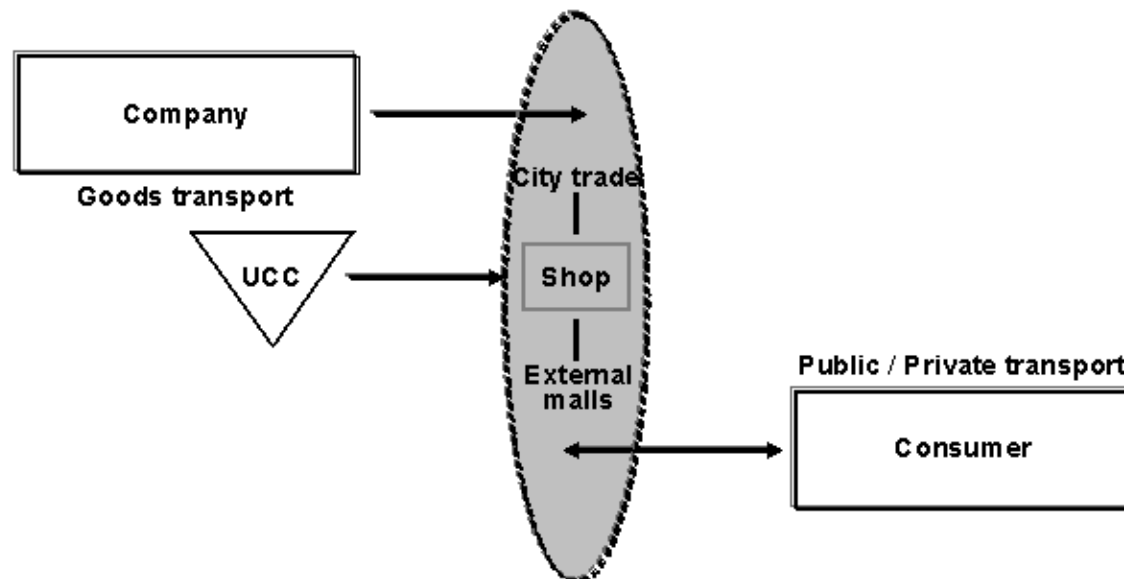
- Limited space and accessibility
- Conflict between people and goods
- Conflict between living, working, shopping and visiting



Øresund EcoMobility

Three thematic networks

- Biofuels and Energy Systems
- Green Logistics Hub
- **City Transport and Logistics**
(MaH, CPH, LU, IIIEE, CBS, DTU, RUC)



Large scale approach

Previous consolidation schemes

- Initiated, run and often financed by municipalities with focus on transporters
- Logistic efficiency
 - Delivery service elements
 - Capital tie-up and logistics cost
 - Warehousing, packaging and cross docking
 - Route planning
 - Vehicles and modes of transport
 - Environmental awareness
- Unclear, short-term financing and responsibility due to low commitment
- CO2 reductions but difficulties in making it economically sustainable



Small scale approach

Binnenstadservice

- Started in Nijmegen
- Initiated by end users
- Social entrepreneurship
- Value adding services
- Focus on receivers/end users
- Co-financed by transporters, authorities and end user
- High commitment
- Visible improvements
- Spread to seven cities in Netherlands, e.g. opened in Rotterdam September 19



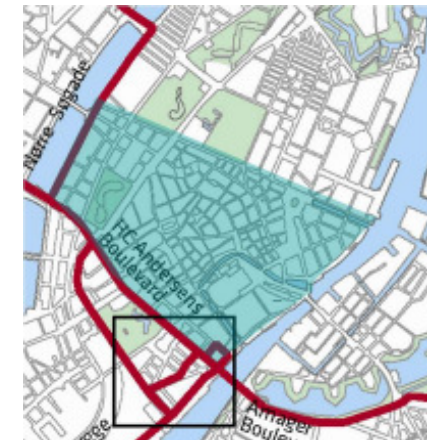
Copenhagen's strategy for heavy traffic

Role model, information and regulation

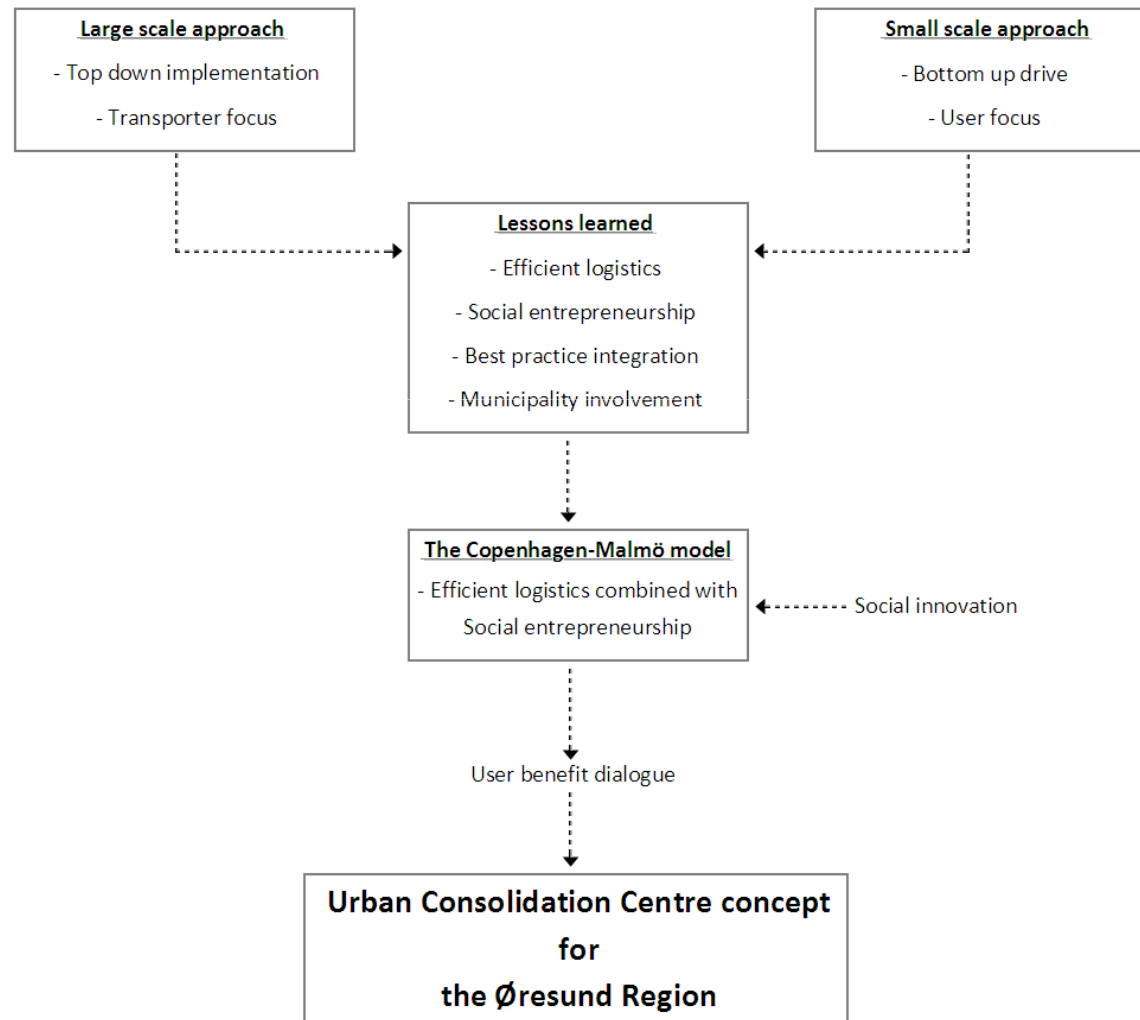
- Recommended routes, traffic management, speed reduction, zone regulation
- Green distribution for sustainable city development
 - Urban Consolidation Centre
 - Environmentally friendly cars
 - Value adding services
 - Warehousing
 - Return logistics
 - Application to Center for Grøn Transport

Expected outcome

- Increased trade, less trucks in city centre, increased safety and sustainability



The Copenhagen-Malmö model



Social innovation

Sustainable Urban Consolidation Centre

- Correct volume analysis for direct delivery or consolidation
- Appropriate and flexible scale approach
- Commitment
- Municipality as permissive and enabling, not running, partner
- Public Private Partnership
- Early mapping of needs, preferences, volumes and accessibility



Next steps

Mapping

- User benefit dialogue: Surveys
 - Shops, transporters and suppliers: freight volumes, services and other needs, logistics technology, etc.
- Municipality's role:
 - Localisation, procurement, etc.

Design

- Business plan, vehicles, cross docking, etc.

Demonstration project in Copenhagen

- Intelligent route planning, Eco driving, electric vehicles, return logistics, e-commerce, UCC



Thank you

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