

Urban freight transport – inputs for consideration from WP.24 workshop in 2020 on urban logistics and freight transport

**Working Party on Transport Statistics, 72nd session
Item 5 (b) Urban transport statistics/Tracking final leg deliveries**

Lukasz Wyrowski, UNECE

Context

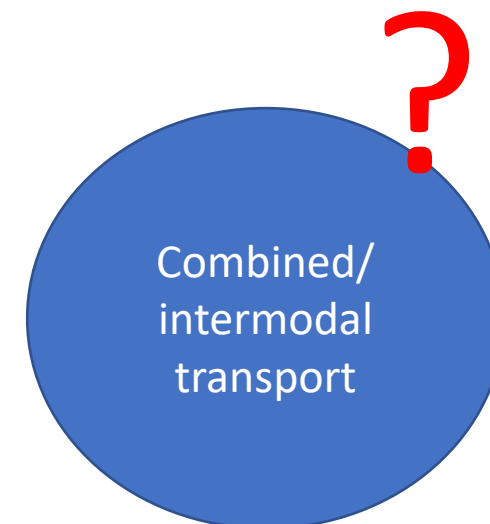
- Freight transport in cities
 - Maximize access, efficiencies and effectiveness
 - Minimize externalities



Input to city's
prosperity &
development



Policy-based measures
Logistics-based measures
Technology-based measures

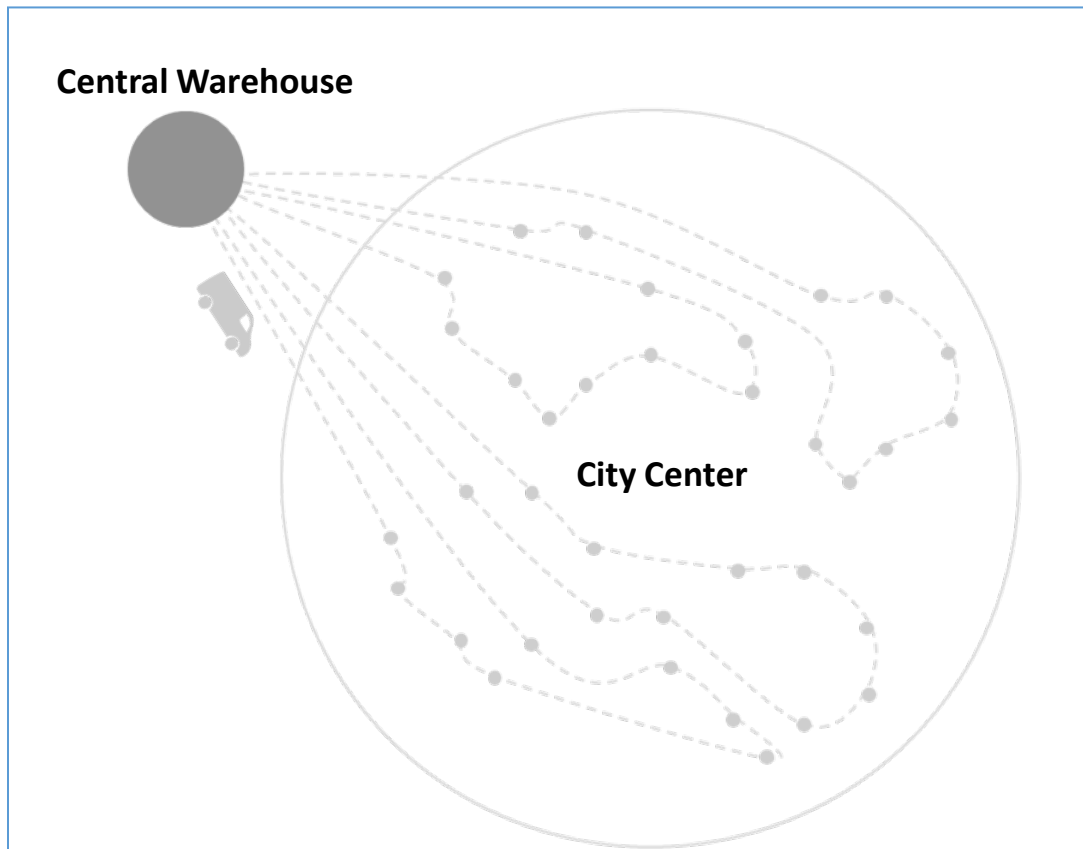


New/recent developments/considerations?

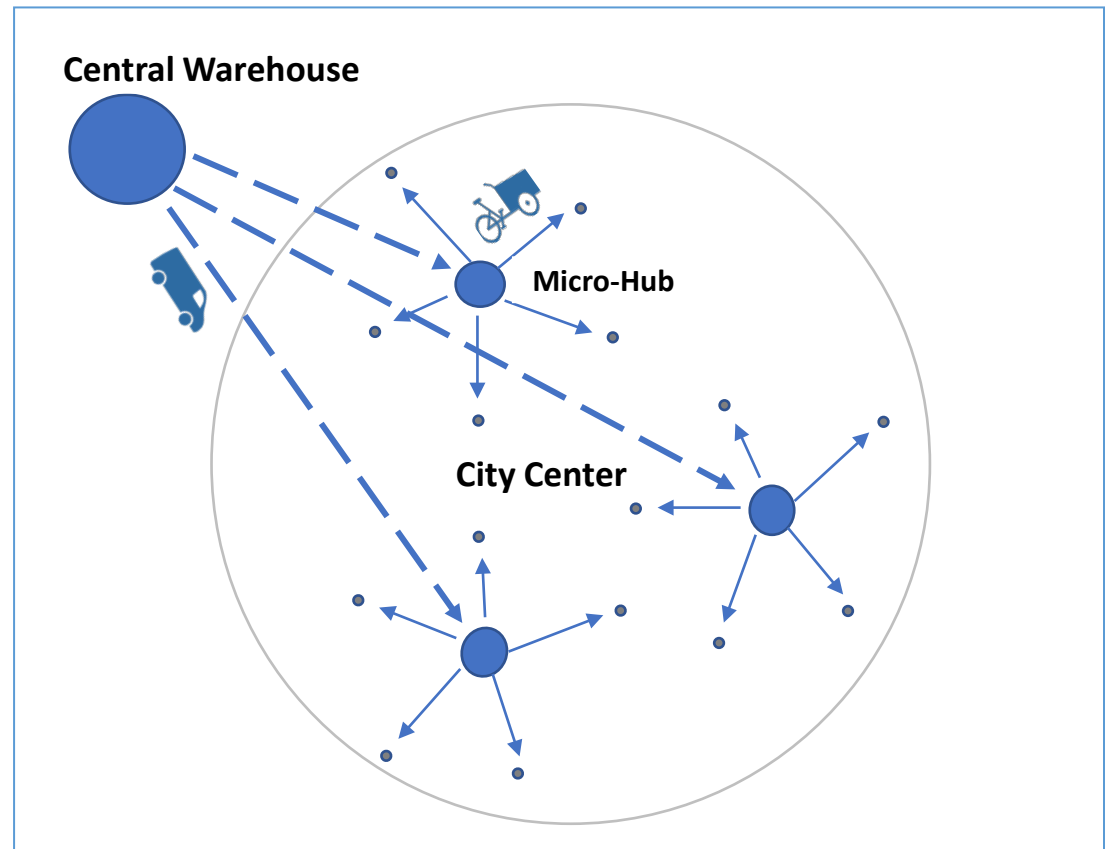
- Intermodal urban logistics solutions (uptake with incentive programmes)
- Physical internet/containerization

Example of solutions

Decentralized depots for city centers



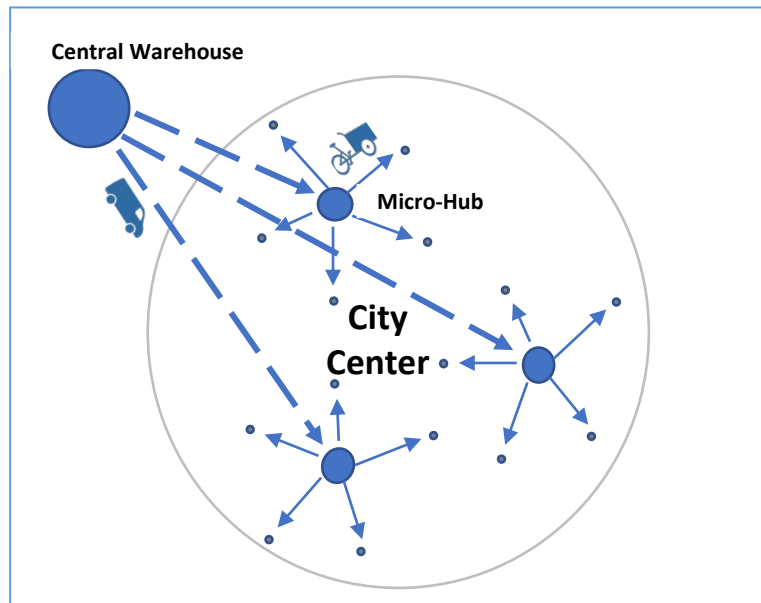
Typical approach



New alternative

Example of solutions

Decentralized depots for city centers

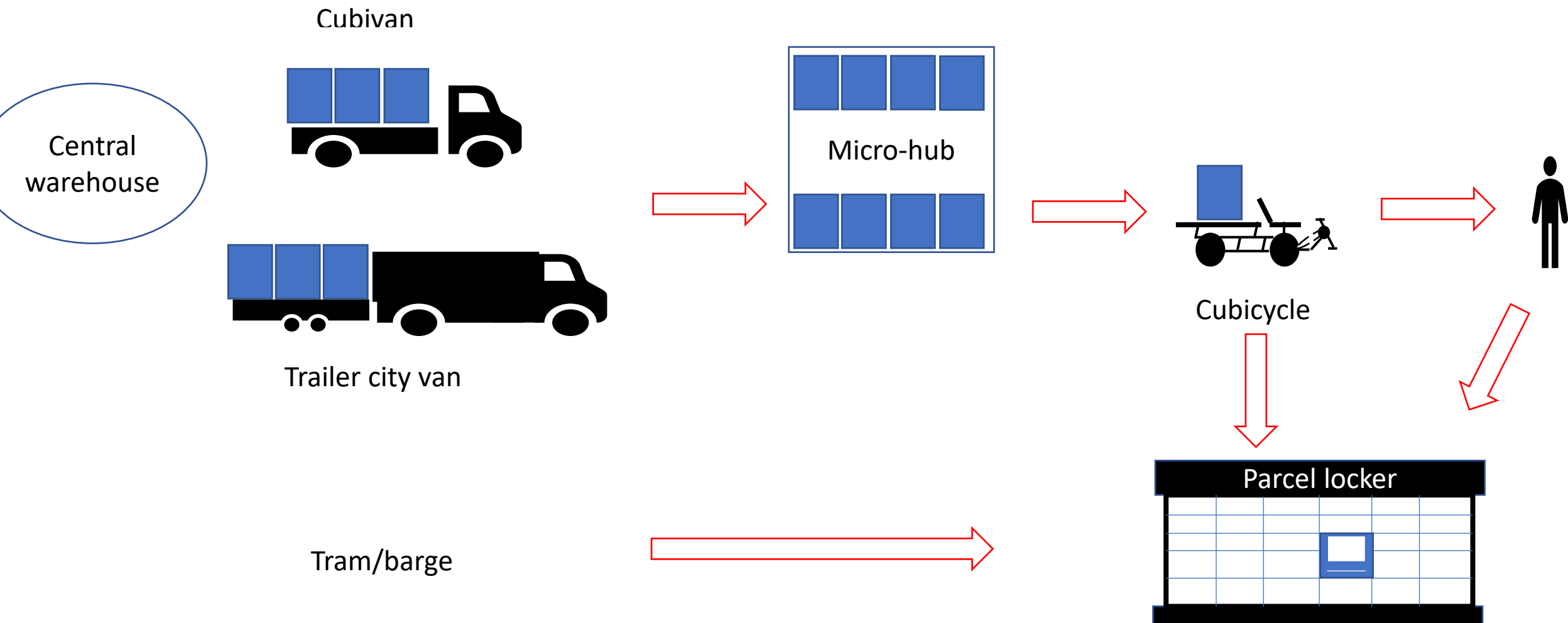


What are the challenges?

- Availability of space for micro-hubs (location and price)
- Approval process
- Availability of vehicles
- Business-case for purchase of vehicles
- Regulations for vehicle usage

Example of solutions

Containerization /physical internet



Data requirements

- Tonnes-km by type of vehicle (cubivan/cubicycle/tram/barge....)
- Containerization (?) / No. of micro-hubs /tonnes of cargo in micro-hubs (?)



- Emissions from transport by volume of freight transport in urban area
- Urban freight transport costs

Thank you

Lukasz.Wyrowski@un.org