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

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Context

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

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

Input to city’s prosperity & development

Combined/intermodal transport
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 vs. 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

Central warehouse

Cubivan

Trailer city van

Micro-hub

Tram/barge

Cubicycle

Parcel locker
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

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