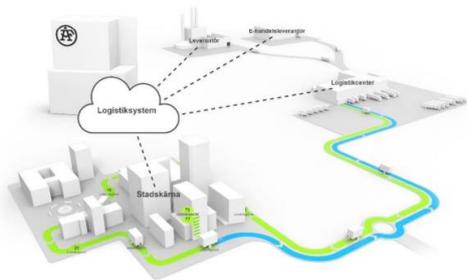




CITY LOGISTICS



Content of the Offering:

Challenges: Creating sustainable city logistics solutions

Approach: Consolidation, digitalization and transparent communication, route optimization

Outcome: Reduced costs, on-time deliveries, reduced number of vehicles and lower emissions

Challenge for the industry today

The trends with urban development, growing population and increased demand for transports generates a need for more sustainable logistics solutions, especially in larger cities.

Service and Approach

Sustainable city logistics solutions will generate effective flow of material and information between actors across supply chains, handling the rising challenges by creating:

- Consolidation of goods at logistics centres outside the city centre
- Reduced number of delivery vehicles in the cities
- Route optimization lowering the total distance of the delivery vehicles
- Possibility to control which vehicles and fuel to use in cities for different types of goods and deliveries
- Controlled and reliable delivery times shared in the supply chain network
- Communication and information sharing in the supply chain to enable planning

Expected Outcome

A pre-defined logistics set up, with only one or a few consolidation points outside the city can enable even small and local suppliers to compete with larger suppliers who have the volumes and capabilities to deliver goods to multiple points of delivery if necessary.

Fewer delivery vehicles, driving a shorter distance in total and with environmentally friendly fuel alternatives will lower emissions radically. Also, the total cost for transportation will decrease. Fewer deliveries have a positive effect on the safety since less vehicles to the point of delivery will have lower risk for accidents.

By controlling the delivery times, rush-hours can be avoided generating positive economic and mobility effects. Reliable and transparent delivery times will also enable resource optimization for the unloading of goods. The personnel and required unloading equipment can be prepared in advance, speeding up the unloading process and saving time.

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