

# City of Turku and city of Kaarina: Project emissionfree citylogistics

21042021 Nordic Market dialogue





TURKU ÅBO

### Carbon neutral City of Turku by 2029

The aim is to The thrust is to inspire, encourage and support climate actions from all areas of the society- individuals, companies, city units, groups, businesses and civil society. We will reduce emissions with 70 % by 2025 and be carbon neutral by 2029. Traffic emissions will be reduced by investing in low-emission or emission-free vehicles and new innovative logistic solutions.

City of Kaarina is preparing their climate strategy that includes also low-emission transports of goods and mail



# City of Turku and city of Kaarina:

## Project emissionfree citylogistics

- Local project with a connection to Nordic project: Zero emission delivery of goods
- Aim is to reduce emissions of citylogistics for deliveries of goods and mail
- Green solutions could be developed by f.eg. using emissionfree vehicles in deliveries and by supporting other environmentally friendly solutions such as city hubs, digitalized ordering and logistic processes, use of bicycles in transport etc.



# Project emissionfree citylogistics

## Targets:

- To create sustainable citylogistics by combining public deliveries of goods and mail with deliveries of private goods
- To find an innovative partner in order to develop a new logistic solution for deliveries
- To improve safety in city centre





## Turku CityHUB (05/2019 – 12/2020) pilot

- Cityhub in Turku center
- Deliveries appr. 500 parcels / week for both private citizens and companies
- DHL Express has delivered parcels with two bicycles and during wintertime with e-torries
- Deliveries with bicycles has been 10 % more effective: no parking problems and more routes available



# Turku CityHUB (05/2019 – 12/2020) pilot



In the same CityHUB also pick up point for grocery shopping

Area appr. 60 m<sup>2</sup>

Solarenergy

As a result: less traffic in the centre and reduction of emissions



## Deliveries of public goods and mail in Turku center

- Weekly delivery addresses for goods, appr. 300
- Nursery goods etc. are not included in the project at this stage
- Quantities and deliveries of goods are relatively small
- Totally appr. 1200 deliveries/month
- Mail is delivered to appr. 300 addresses with two cars between 8-16
- Totally appr. 10 000 km per year
- The deliveries of goods and mail should be combined





## Deliveries of public goods and mail in Kaarina center

- 19 different delivery addresses for delivery of goods and mail
- Deliveries Monday-Friday between 8-16
- Appr. 42 km per day
- Quantities and deliveries of goods are relatively small
- Deliveries of goods and mail should be combined



# Thank you!

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