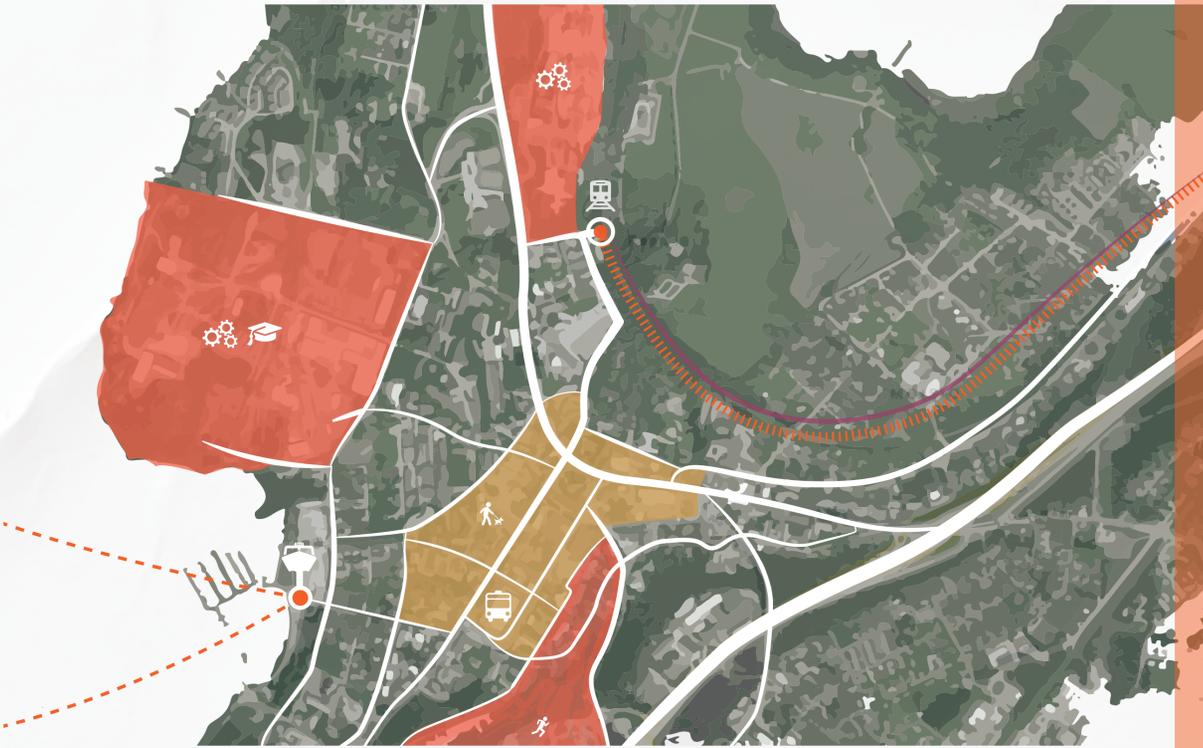


# LOHJA 2050

## THE ZERO EMISSION MOBILE COMMUNITY



### Our Vision

Our observation findings in Lohja exposed us to the realities of a socially disconnected city. A place where the private car has been given the most prominent role in its citizens daily lives and street scene, more than their social, engaging and green-minded community. So with a vision for the next 30 years the city of Lohja, University of Helsinki and Aalto University are aiming for a carbon neutral and engaging Lohja-society in 2050. To reach that we have set out a timeline for all citizens to take action and engage in a re-connected community.

Until 2050,

~ We aim to open up a new green and a car-free city centre. We break away all the grey parking places and re-open parks, gardens and social green areas. The new developed green areas, provide space for get-togethers, celebrations, play and events that could be organized by the city of Lohja. In these yearly Lohja-events we aim to facilitate behavioural changes in a co-creational process where the city and its residents engage with one another and work towards a carbon neutral future through mutual and individual climate actions.

~ We aim for a carbon neutral mobility system, where public transportation is attractive, comfortable and most commonly used for commuting to work and/or other everyday life activities. All means of public transport are energy efficient, silent, comfortable for users and emission free.

~ We aim to open up a local train station, based on the already existing train tracks running to the capital of Finland. Next to this train track Lohja offers a bicycle lane for recreational purposes for its citizens to motivate them to travel by bike, train or even walk, enabling people to have easy access to eco-friendly transportation.

With a green car-free city centre and a restructured carbon neutral mobility system, we hope to spark a new beginning where Lohja citizens feel responsible for their environment and can change their behaviour according to its needs. Finally, we believe that these small human interventions can create an engaging, social and natural Lohja for us all.



In close proximity to the city centre, there is a hill with many different outdoor activity options. Surrounded by nature, it is suitable for recreation and relaxation. Sports and mental health are the main themes of these services



Industrial areas are revitalised and transformed. These areas become open to the public and tourism for educational and regenerative biodiversity purposes. A living lab where people of all around is introduced, where they can have a look into the open Lohja culture.



The coast of the lake is the identity of Lohja's citizens. Its importance is very high, focusing on social engaging gatherings, water based activities and tourism. With a close and eco-efficient water taxi Lohja's citizens are mobilized on water.

### Challenge 2020: Vision Development for Lohja 2050

Lohja unveils 2050 Vision to active citizens

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Lohja celebrates the opening of its first ever open and green car-free city centre. Where the private car was left behind and green dense walkways and bicycle routes revitalize the city centre. With services at walking distance for all.

### Challenge 2030: Commuter Train and Bicycle lane X Remote bus

A renewed transportation system is opened for residents of Lohja to get around!

### Challenge 2035: 1.5 Degree Lifestyle Carbon Neutral Finland

With yearly events focusing on climate actions and behavioural changes, Lohja celebrates its achievement of reaching the 1.5 degree lifestyle in a vivid and reconnected community.

### Challenge 2040: New water transportation

10 years after the train connection, Lohja connects with its lake identity by introducing a water taxi to improve public transportation across remote areas.

### Challenge 2045: Automated shared vehicles as a rental service for mobility

In order to make the necessary individual commutes sustainable, a rental service for automated cars will be introduced to improve mobility in rural areas.

### Challenge 2050: Behavioural change in a sustainable environment

Celebrating their 30-years of climate action pays off in the communal and carbon-neutral city of Lohja.

2020...2025...2030...2035...2040...2045...2050

## HIILITÖNTÄ MENOA FESTIVAALI

Hiilitöntä Menoa is a social event focusing on community and local climate action. Yearly, the event enables Lohja's communities to engage in behavioural changes, contribute to climate mitigation and carbon neutral actions.

The events promote happiness, solidarity and lifestyles that do not harm the natural environment. In these events, the citizens of Lohja will be challenged with new actions that support environmentally conscious behaviour related to their everyday life activities.

At the end of every Festivaali, both residents and city officials gather around a dinner of locally produced food and discuss together the learnings from the event and challenges for upcoming years.

