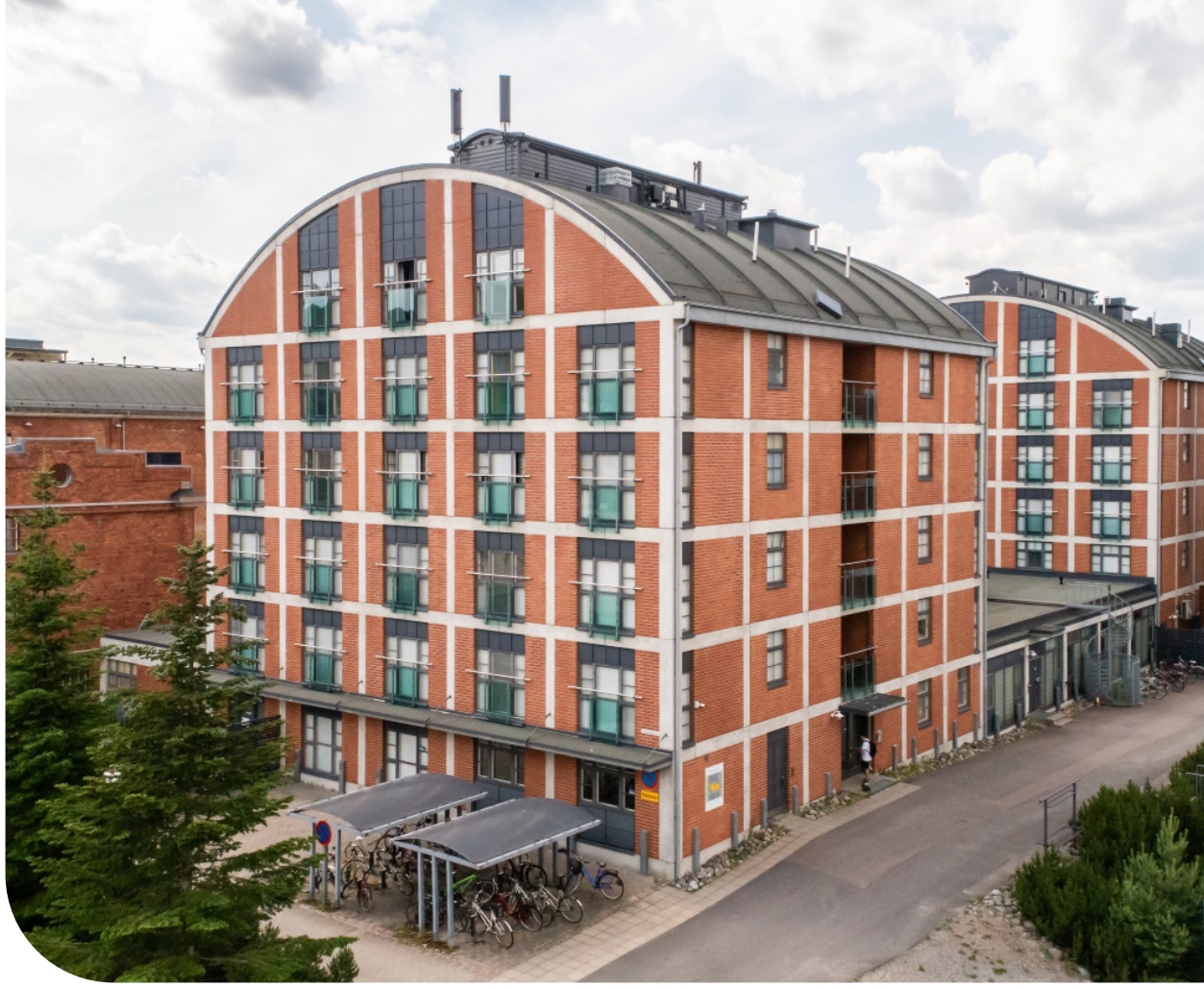
Lahti

Renovation site

Borupinraitti 4, Lahti



Renovation measure
Intelligent heating control system

LAHDEN TALOT Syke hiilineutraalisuomi.fi CANEMURE

LIFE17 IPC/FI/000002
LIFE-IP CANEMURE

Basic information

Building type

Residential apartment building

Number of residential apartments

94

Year of construction

1999

Contractor/supplier

Schneider Electric Finland Oy

Renovation time

The end of 2022

Measures implemented with project funding

Intelligent heating control system and resident feedback system

Initial situation

Calculatory emissions tCO_2/year

226,7

Energy consumption, heating MWh/year

885,5

Energy consumption, electricity MWh/year

424,4

Energy efficiency class

D

Impact

Calculatory emission reduction tCO_2/year

13,4

Change in energy consumption, heating MWh/year

- 67,4

Change in electricity consumption, electricity MWh/year

0

Energy efficiency class after

D

Realized emission reduction NOTE! Follow-up period in progress.

0,0 tCO_2/year

Costs

Project measures

Contract and equipment costs

25 000 €

Change in calculatory energy costs per year

- 3 689 €

Change in realized energy costs per year NOTE! Follow-up period in progress.

0 €

Calculatory emission reduction costs

1 865 €/tCO_2

Realized emission reduction costs NOTE! Follow-up period in progress.

0 €/tCO_2

Calculatory payback period

6,8 years

An innovative procurement was tendered to get a solution to reduce carbon dioxide emissions. In the chosen heating control solution, a new way was developed to take into account the feedback given by the residents through the mobile user interface.

This report has been carried out with the financial contribution of the LIFE Programme of the European Union. The report reflects only the CANEMURE project's view, and the CINEA/European Commission is not responsible for any use that may be made of the information it contains.