## **Lahti**

Renovation site

### Soratie 7, Nastola

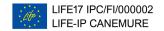
**Renovation measure** Renewing the ventilation system











## Basic information

Building type

## Residential apartment building

Number of residential apartments

17

Year of construction

1987

Contractor/supplier

Hämeen kiinteistö- automaatio

Renovation time

Summer 2021

# Measures implemented with project funding

Renewing the ventilation system (renewing exhaust fans and improving control)

### **Initial situation**

Calculatory emissions tCO<sub>2</sub>/year

37,3

Energy consumption, heating MWh/year

178,7

Energy consumption, electricity MWh/year

14,3

Energy efficiency class

Ε

### **Impact**

Calculatory emission reduction tCO<sub>2</sub>/year

1,2

Change in energy consumption, heating MWh/year

- 5,2

Change in electricity consumption, electricity MWh/year

- 1,1

Energy efficiency class after

D

Realized emission reduction 09/2022-08/2023

5,3 tCO<sub>2</sub>/year

#### Costs

Project measures

Contract and equipment costs

3 800 €

Change in calculatory energy costs per year

- 379 €

Change in realized energy costs per year 09/2022-08/2023

- 1 550 €

Calculatory emission reduction costs

3 289 €/tCO<sub>2</sub>

Realized emission reduction costs 09/2022-08/2023

712 €/tCO<sub>2</sub>

Calculatory payback period

10,0 years

At the site, the ventilation system was renewed, and can now be infinitely adjusted according to needs

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.