

Lahti

Renovation site

Alokkaankatu 2 / Kuriirinkatu 1, Lahti

Renovation measure

Room-specific intelligent heating
control system



LAHDENTALOT



Basic information

Building type

6 townhouses

Number of residential apartments

22

Year of construction

1992

Contractor/supplier

Fourdeg Oy

Renovation time

Spring 2021

Measures implemented with project funding

Installing room-specific heating control system (intelligent electrically adjustable radiator thermostats)

Other measures

Renewing windows and exterior doors, additional insulation of the upper sole

Initial situation

Calculatory emissions tCO₂/year

58,5

Energy consumption, heating MWh/year

287,8

Energy consumption, electricity MWh/year

10,7

Energy efficiency class

D

Impact

Calculatory emission reduction tCO₂/year

17,3

Calculatory change in energy consumption, heating MWh/year

- 86,7

Calculatory change in energy consumption, electricity MWh/year

0

Energy efficiency class after

C

Measured emission reduction 09/2023–08/2024

0,0 tCO₂/year *

*NOTE! Improvements in living conditions

Costs

Project measures

Contract and equipment costs

9 481 €

Change in calculatory energy costs per year

- 1 172 €

Calculatory emission reduction costs

2 118 €/tCO₂

*NOTE! Improvements in living conditions

All measures

Contract and equipment costs

193 720 €

Change in calculatory energy costs per year

- 4 516 €

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

0 € *

Calculatory emission reduction costs

11 230 €/tCO₂

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

0 €/tCO₂ *

Calculatory payback period

8,1 years

Room-specific heating control improved the living experience

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.