lahti

Renovation site

Soratie 5, Nastola

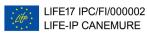


Renovation measure

Water saving solutions







Basic information

Building type Residential apartment building

Number of residential apartments **26**

Year of construction **1997**

Contractor/supplier

Renovation time **Fall 2021**

Measures implemented with project funding

Water saving solutions (equipping water fixtures with flow reducing nozzles and shower heads and maintenance of toilet seats)

Initial situation

Calculatory emissions tCO₂/year

47,2

Energy consumption, heating MWh/year **229.0**

Energy consumption, electricity MWh/year

13,7

Energy efficiency class

Impact

Calculatory emission reduction tCO₂/year **1.1**

Change in energy consumption, heating MWh/year

- 5,3

Change in electricity consumption, electricity MWh/year

0

Energy efficiency class after **E**

Realized emission reduction 09/2022–08/2023 10,8 tCO₂/year

Costs

Project measures

Contract and equipment costs

1 480 €

Change in calculatory energy costs per year

- 281 €

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

- 3 753 €

Calculatory emission reduction costs

1 396 €/tCO₂

Realized emission reduction costs 09/2022-08/2023

137 €/tCO₂

Calculatory payback period **5,3 years**

The costs of analyzing the water system and replacing water fixtures paid for themselves quickly in lower water and heating energy bills

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.