

Results of the Emission Allowance Auction Instrument (EKII) financed projects

EU LIFE ENERGATE project

2nd Regional workshop

Riga City Council, Rātslaukums 1, Rīga, 29.05.2024.

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S! PROJECTS

Reduction of greenhouse gas emissions in the Sigulda Municipality Culture Centre building. Implementation period of the project: 2016–2018

Reduction of greenhouse gas emissions in the architectural monument of national importance No 8333 «The New Castle». Implementation period of the project: 2018–2021

Reduction of greenhouse gas emissions in the lighting infrastructure of public areas of Sigulda Municipality. Implementation period of the project: 2023 – 2025

Reduction of greenhouse gas emissions in the Sigulda Municipality Culture Centre building

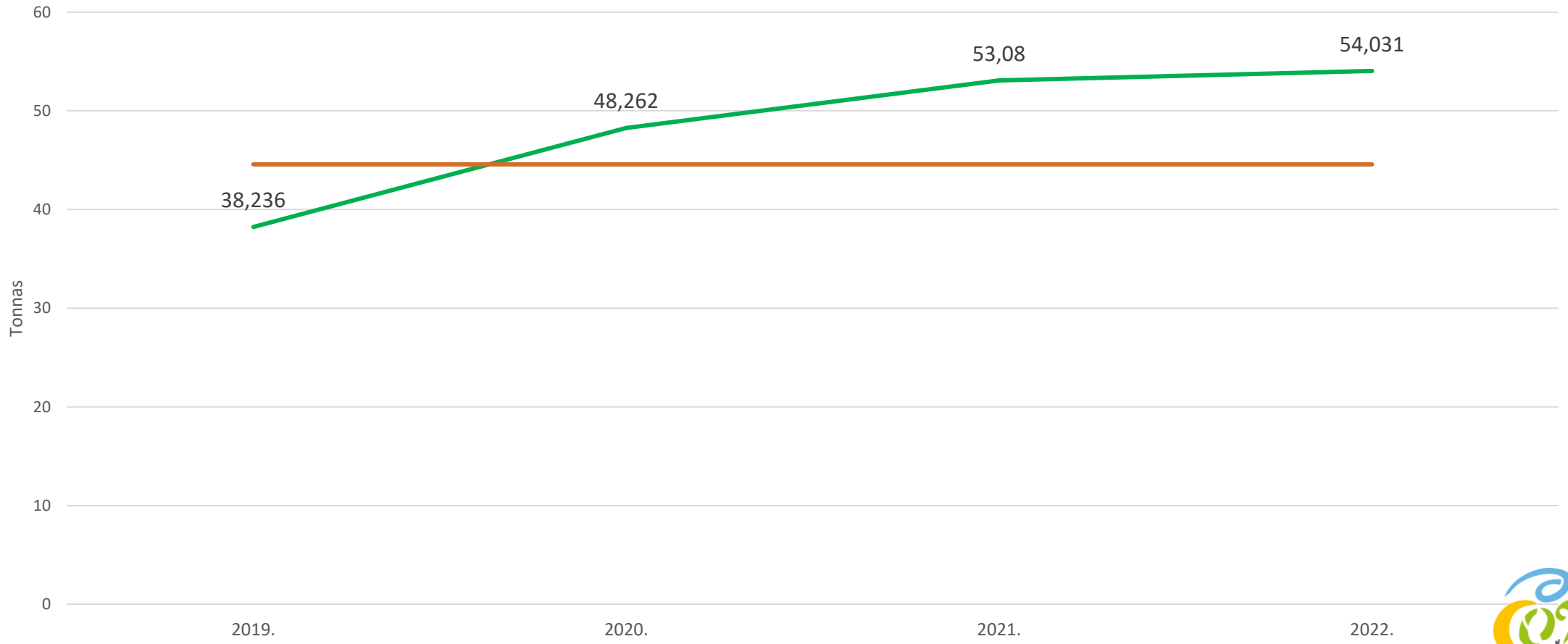
Project objectives:

- Reduction of CO2 for 44.56 tons/a year
- Energy consumption for heating not more than 32.60 kWh/m2 per year

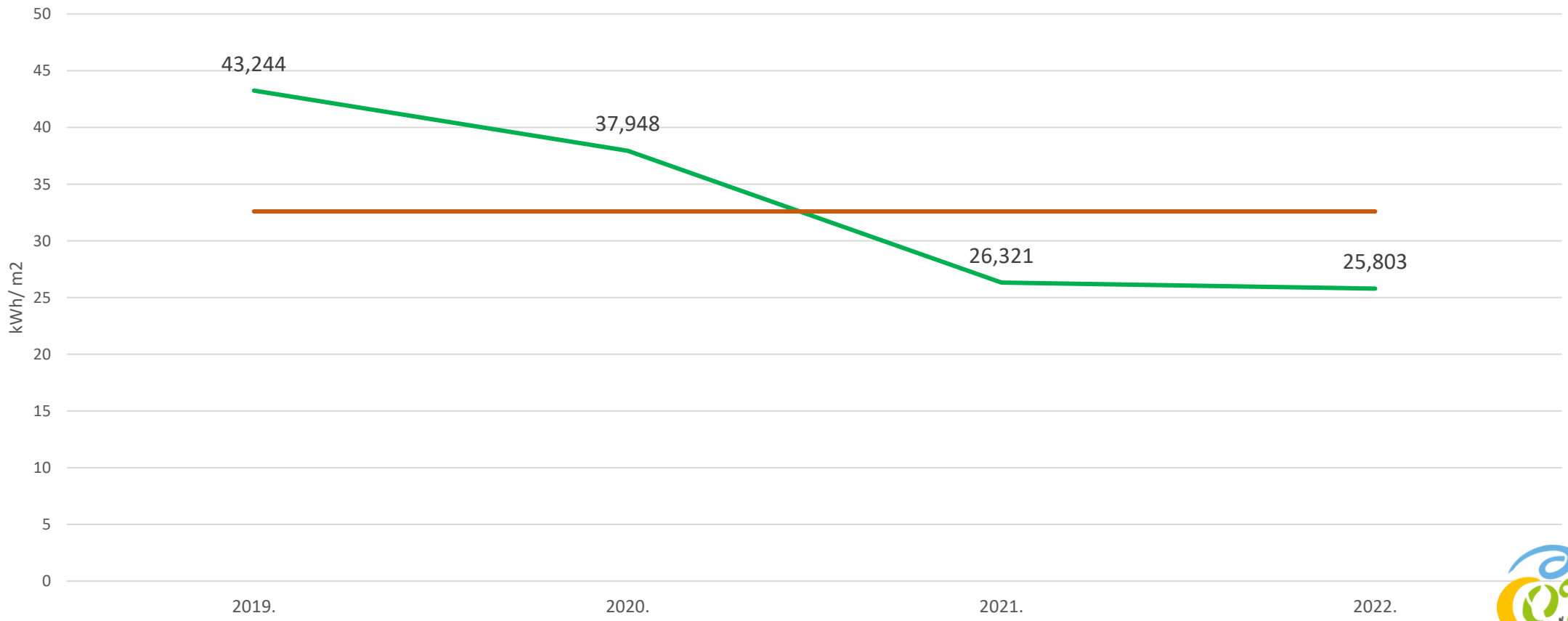
Works carried out during the project:

- Insulation of attic slab
- Insulation of the plinth, waterproofing
- Replacement of window structures and external doors
- Rebuilding of heating system
- Introduction of mechanical ventilation with recuperator
- Re-installation of electrical wiring and internal lighting
- Installation of heat pump and solar collectors

Achieved CO2 reduction



Achieved– Energy consuption heating





Culture centre of Sigulda Municipality «Devons»

Total investment: 7 466 526 EUR

EKII financing: 1 921 171 EUR

Municipality financing: 4 545 355 EUR

Reduction of greenhouse gas emissions in the architectural monument of national importance No 8333 «The New Castle»

Project objectives:

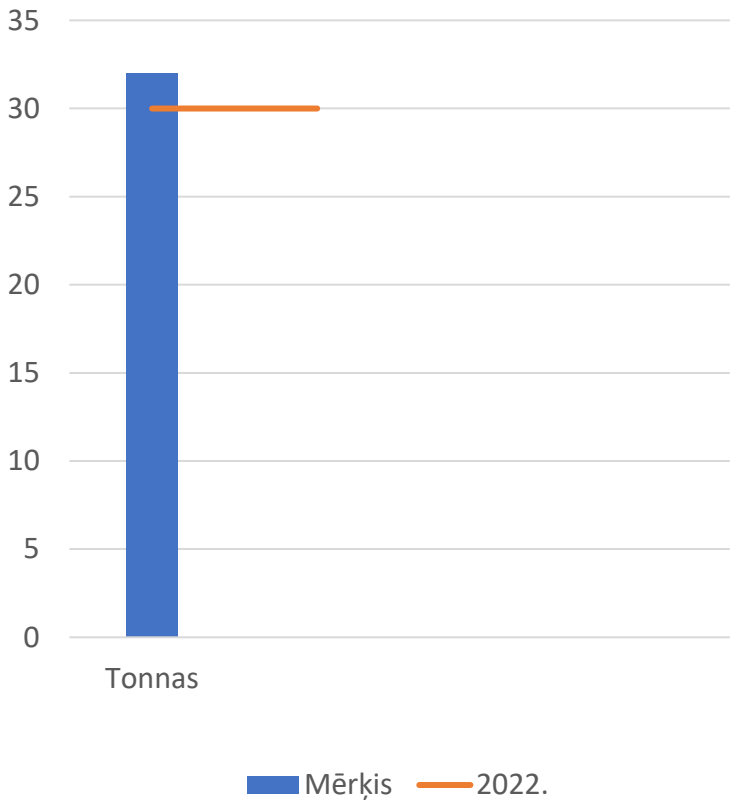
- Reduction of CO2 for 32.471 tons/a year
- Energy consumption for heating not more than 66 kWh/m2 per year

Works carried out during the project:

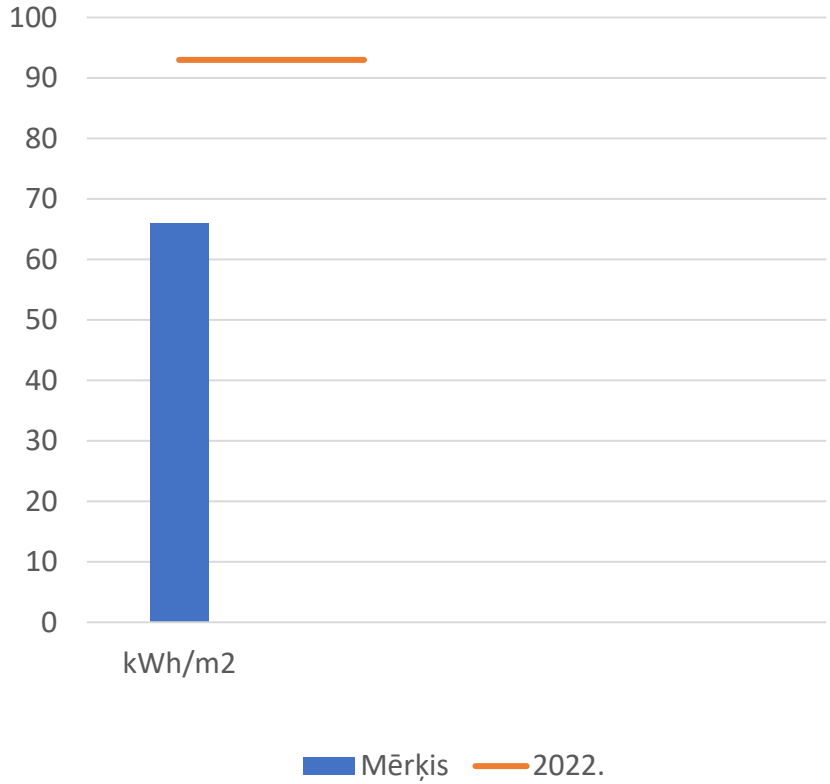
- Loft insulation
- Floor insulation
- Replacement of windows
- Replacement of doors
- Renewal of heating system
- Mechanical ventilation with heat recovery
- Renovation of lighting
- Wall insulation
- Renovation of the thermal insulation

Achievements

CO2 reduction



Energy consumption heating





The architectural monument of nationa importance No 8333 «The New Castle»

Total investment: 1 067 371 EUR

EKII financing 485 000 EUR

Municipality financing 374 512 EUR

Reduction of greenhouse gas emissions in the lighting infrastructure of public areas of Sigulda Municipality

Project objectives – reduction of CO2 for 19,644 tons/a year

The project will replace 567 luminaires, replacing the existing sodium and mercury luminaires with LEDs.

Project under implementation.

Total estimted costs 262 509 EUR:

EKII financing 159 049 EUR

Municipality financing 103 459 EUR

Three steps closer to Latvia's 2050 climate neutrality goal

Achievments:

- Renovated facilities
- Energy savings
- Lower energy costs
- More revenue from renovated facilities
- Reduced CO2 emissions