POWERTY
Interreg Europe
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Renewable energies for vulnerable groups

STUDY VISIT Nº 3

EXAMPLE OF MULTIAPARTMENT BUILDING MODERNIZATION

Lithuania (online) - 25th of November 2020

Interreg Europe
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Web **https://www.interregeurope.eu/powerty/**

1. INTRODUCTION

The ordinary study visit was replaced with virtual study visit, which was shown during the coffee break of the 1st Interregional Thematic Seminar on 25th of November 2020. The video was about the multiapartment buildings modernization process in Lithuania, also about one successful example of Multiapartment buildings renovation (modernization) programme, which also includes and renewable energy resources, to be more precisely - solar power.

Firstly, this example was chosen because Multiapartment buildings renovation (modernization) programme is one of the most successful programs in Lithuania, related to energy efficiency, reduction of heat consumption etc., so it was the most suitable example to show to other regions. Secondly, this program is much related to the main point of the POWERTY project – within modernization of multiapartment buildings vulnerable groups of society get the biggest possibility to save their money for heating costs and at the same time participating in greener their country future, increasing the use of renewable energy. In 2018 it was announced that Lithuania was amongst 11 EU member states including Sweden and Finland to already be sourcing 20 percent of its energy from renewable sources.

2. DESCRIPTION AND LOCATION

This multiapartment building is in the second largest city in Lithuania, called Kaunas, Dujotekio st. 21. This city is in the center of Lithuania with about 289 thousand inhabitants. The building is near the center of the city.

Building before the modernization:

Building after the modernization:

More photos:




3. TECHNICAL DATA

This building has 48 apartments. The cost of the renovation was more than 570 000 (five hundred seventy thousand) euros, for which advanced solutions for renovation of the multiapartment building was installed. A quarter of this sum, about 140 000 euros, the residents invested in geothermal heating and solar collectors. After the renovation heating bills decreased and the total amount which residents pay for the heating and their share of the modernization loan is still smaller than amount of money, they were paying already for the heating alone before the modernization. A bigger part of this multiapartment building residents is pensioners, who belong to the vulnerable groups of society.

4. CONCLUSSIONS

All the inhabitants of the renovated multiapartment buildng is happy about better quality of life, smaller heating bills, living in building with renewable energy resources, reduction of energy consumption. So, these are the main reasons why similar programs could be transferred and implemented in different regions. Very important point for the success of the programme is the communication with inhabitants and clear identification about all the advantages.

5. ANNEX

Access to the virtual video of the study visit:

http://soporte.agenciaandaluzadelaenergia.es/owncloud/index.php/s/SoYN0NsiTaDwRkK