

Efficient Public Lighting in Calarasi city - Firefly in the heart of forests

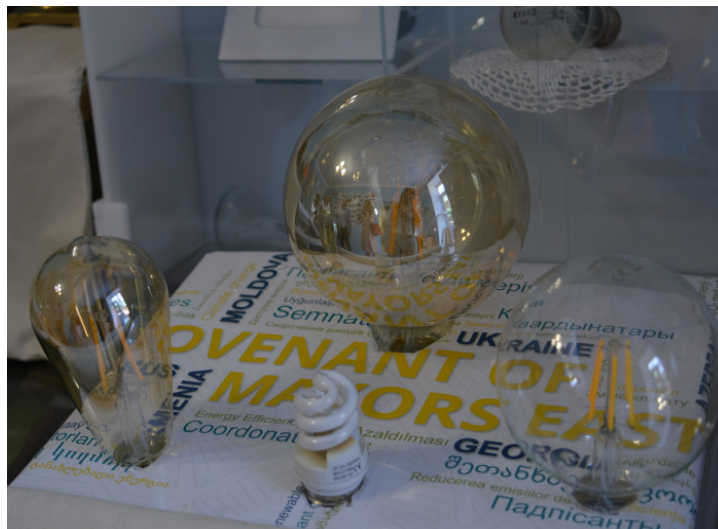
Period of implementation: 01.01.2018 - 30.04.2021

EaP countries:
Moldova

EU contribution: € 544 600

Implementing organisation(s):

Calarasi Town Hall, IDIS Viitorul, Energy Efficiency Agency of Moldova



Social media account links:

facebook.com/IDISViitorul

Project website: www.viitorul.org

Project description:

The project "Efficient public lighting in Calarasi-Firefly in the heart of forests", implemented by the Calarasi Town Hall in partnership with IDIS "Viitorul". The project is funded by the European Union through the European programme "Covenant of Mayors – Demonstration Projects (CoM-DeP)", part of the EU4Energy initiative. The energy efficiency project in Calarasi includes the installation of a 21 kilometer lighting network and the architectural lighting of two public buildings. As a result, the project will provide a real economy of € 6,500 per year, reduce CO2 emissions and maintenance and operating costs.

Expected results:

- Street lighting system renovated (about 21 km), mainly all central part of the town.
- Architectural lighting for the Museum of History and Ethnography in Calarasi.
- Increased touristic attractiveness of the town (3-5% annually).
- Reduced maintenance and operational costs for a street lighting system by about 6,500 Euro/year (35%) per year (84% theoretical scenario).

The project will achieve the following quantitative results:

- about 21 km, 95% of the central part of the town modernized.
- a reduction of energy consumption by 26 MWh/year (469 MWh/year theoretical scenario).
- a reduction of CO2 emissions by 5 tCO2/year (88 tCO2/year theoretical scenario).
- two buildings illuminated with architectural lighting.
- by 7 % less infractions each year (at least 8-10 infractions less each year).
- reduced operational and maintenance costs with about 6,500 Euro/year (35%) per year (84% theoretical scenario).
- increased touristic attractiveness of the town (3-5% annually).
- one energy management system implemented.