

ELBUS

*Optimized electric buses
for sustainable transport*



PROJECT TITLE **ELBUS - Improving the cross-border public transportation using electric buses supplied with renewable energy**

IMPLEMENTATION PERIOD 01.04.2020 – 30.11.2021

ORGANISATIONS INVOLVED “Gheorghe Asachi” Technical University of Iasi (RO);
Technical University of Moldova (MD)

PROGRAMME Romania-Republic of Moldova
ENI CBC 2014-2020

TOTAL BUDGET 97.880,00 €



Romania-Republic of Moldova
ENI-CROSS BORDER COOPERATION

The main objective of the ELBUS project is to improve the efficiency of the cross-border public transportation network of electric buses. The project partners propose including an automated programmed system for the lights, heating and cooling of the buses as a solution to optimise the energy consumption of electric buses. In particular, a thermal model to predict the optimal inside temperature depending on outdoor temperature is being installed, together with photovoltaic panels to recharge the batteries using renewable solar energy. These measures will have an important impact on general power consumption and reduce the carbon footprint of the public transportation sector.



ENERGY EFFICIENCY

ENVIRONMENT



Project co-funded by
the European Union

