

Triple-A Factsheet

Energy Efficiency Measures &
Funding schemes in Lithuania



VIPA, May 2022

ENERGY EFFICIENCY MEASURES & FUNDING SCHEMES IN LITHUANIA

The highest priority for the Government of Lithuania in the area of energy policy is increasing of the energy independence of Lithuania. The cornerstones in achieving the energy independence are enhancing energy efficiency together with transition to the Renewable Energy Sources. A series of respective measures fostering sustainable investments are available in Lithuania for public and businesses sectors.

Measures in Building Sector

The programme for modernization of multiapartment buildings

The objective of the programme¹ is to encourage the owners of the multiapartment buildings constructed according to technical requirements in force before 1993 to modernise these building in order to increase its energy efficiency.

The programme comprises providing preferential loans, grants and other support schemes to owners of the apartments and other premises, as well as encouragement the owners to implement energy efficiency measures.

Public buildings energy efficiency programme

The objective of the programme² is to increase energy efficiency for heating and lighting of public buildings, reductions of greenhouse gases (CP2) released to atmosphere, ensure the conformity to the hygiene standards in public buildings infrastructure.

The programme comprises providing preferential loans, grants and other support schemes. The basic requirement for the modernisation of the public building is that the building after modernisation have to reach the energy efficiency which corresponds to the efficiency not lower than class C.

Heating boiler replacement with more effective technologies

The objective of this financial programme³ is to encourage private households to replace old an ineffective heat production equipment to the ones using more effective technologies producing energy form renewable sources.

The programme envisages grant of 50 percent of the investments of the households used for replacing ineffective heating boilers to modern ones using a more effective technology. It is expected that by 2030 50 000 heating boilers will be replaced and other measures of increasing energy efficiency will be implemented.

Modernisation of heating and hot water systems of multiapartment buildings

The measure is funded under the Climate change programme⁴. The objective of the measure is to encourage the owners of the multiapartment buildings constructed according to technical requirements in force before 1993 to modernise heating and hot water systems. The programme envisages grant to the owners of such buildings of 30 percent of investment costs.

Renovation of single-family houses

The measure is funded under the Climate change programme. The objective of the measure is to encourage the owners of the single-family houses to renovate their houses in order to increase its energy efficiency. The programme envisages compensation of up to 30% of renovation expenses contributing to increased energy efficiency.

¹ <https://www.e-tar.lt/portal/en/legalAct/TAR.AE67B6739526/ujBxmRhkZg>

² <https://e-seimas.lrs.lt/portal/legalAct/lt/TAD/f5a87b30793311e4a8a7b07c53dc637c/asr>

³ https://www.esinvesticijos.lt/lt/finansavimas/patvirtintos_priemones/katilu-keitimas-namu-ukiuose

⁴ <https://www.apva.lt/en/national-investments/climate-change-program/>

Measures in Industry Sector

Energy efficiency increasing in business entities

The objective of the support mechanism envisages funding of implementation of energy efficiency measures in Lithuanian business entities by providing subsidies for energy savings achieved.

The subsidies under the programme are provided for implementation of the energy efficiency measures listed in the energy audits of the entities in the area of transport, technological processes and buildings (automation equipment, lighting modernisation, installation of air pressure systems, modernisation of cooling systems, installation of high efficiency electric engines and other measures).

SPEI (services of public economic interest) relief for industry

The objective of the support mechanism is to provide funding for the implementation of the energy efficiency measures in large industry entities, where annual energy consumption exceeds 1 GWh.

Under the programme the measures provided in respectful energy audits will be implemented in the area of transport, technological processes and buildings (automation equipment, lighting modernisation, installation of air pressure systems, modernisation of cooling systems, installation of high efficiency electric engines and other measures).

Measures in Transportation Sector

The renewal of urban and local area public transport vehicles

Urban public transport modernisation with the aim of increasing of energy efficiency public transport vehicles by purchasing of 150 electric powered urban and local area buses.

It is planned that procurement of electric powered buses will be performed during 2023 – 2025 using the European Union funding.

Railway electrification

The objective of the programme – modernisation of the railway infrastructure - electrification of the 814 km of railway which transports 70% of all railway cargo in the country. The programme envisages purchasing of 30 new electric powered trains and 50 electric powered locomotives, laying electrical lines and electric stations. The electric powered trains are planned to be purchased during 2023 – 2025 using EU funding.

Implementation of Urban sustainable mobility plans

The objective of the Urban sustainable mobility plans is to establish measures to reduce the use of personal vehicles and encourage walking, cycling, use of public transport and vehicles powered by alternative fuel.

The measures envisaged in Urban sustainable mobility plans will contribute to reduction of the use of personal transport vehicles and increasing of the attractiveness, competitiveness and the use of alternative means of transportation. The most important measures included are modernisation of public transport, development of cycling and pedestrian infrastructure, implementation of mobility management systems, implementation of alternative fuel infrastructure.

Promotion of the use of electric powered vehicles

The measure is funded under the Climate change programme⁵. Objective of the measure is achieving that by 2025 10% of annual transactions concerning purchasing personal vehicles (new registrations and secondary registrations) would be related to electric powered vehicles and by 2030 that number would reach 50%.

The measure envisages subsidising of purchase of electric powered vehicles: EUR 4000 for a new vehicle and EUR 2000 for a used vehicle up to 5 years old.

Promotion of purchasing of vehicles with reduced pollution

The measure is funded under the Climate change programme. The objective of the measure is to achieve that the energy efficiency of newly purchased vehicles during 2020 – 2030 would increase by 42%. The financial incentives will be proposed to 4,8% of the purchasing transactions. The amount of financial incentive – EUR 1000.

Measures in Outdoor Lighting Sector

Modernisation of outdoor lighting systems

The measure is aimed at municipalities and municipal entities implementing outdoor lighting modernisation projects. The objective of the programme is to replace 25% of all outdoor lighting units i.e., 65.000 units by year 2030. As a result of the programme not less than 40% or 0,11 TWh of the electric energy used for outdoor lighting is expected to be saved by 2030. In the framework of the programme, it is envisaged to replace old outdoor lamps of low efficiency, cables and other equipment.

⁵ <https://www.apva.lt/en/national-investments/climate-change-program/>

TRIPLE-A IN BRIEF

Triple-A -Enhancing at an Early Stage the Investment Value Chain of Energy Efficiency Projects - is an EU-funded research project under the Horizon 2020 programme, aiming to assist financial institutions increase their deployment of capital in energy efficiency, making investments more transparent.

VISIT OUR WEBSITE



www.aaa-h2020.eu

CONTACT US



contact@aaa-h2020.eu

FOLLOW US



@H2020_AAA



Triple-A Project



triple_a_horizon2020



Triple-A Horizon 2020

Conclusions

Energy efficiency sector is of very high priority in Lithuania. There are numerous strategic documents shaping the future of Lithuania's energy sources and needs, the most important of which are National Energy and Climate Action Plan for 2021 – 2030, National Energy Independence Strategy and Climate Change programme. The Energy efficiency is also regulated by Lithuanian Laws such as the Law on Energy and the Law on Increasing Energy Efficiency.

The main strategic directions for achieving energy efficiency are increasing energy independence, transition to renewable energy sources, decreasing the energy consumption by implementing the modern low energy technologies etc.

Energy savings are supported by numerous funding opportunities as grants and financial instruments provided by national as well as EU funds.



The Triple-A project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 846569.



Triple-A

Enhancing at an Early Stage the Investment Value Chain of Energy Efficiency Projects