



FYLI_NZES
Near-Zero Energy Schools
in the Municipality of Fyli



Co-funded by
the European Union



May 2025

At a Glance

FYLI_NZES aims to transform public school buildings in Fyli, Attica, through energy efficiency upgrades. Funded by the LIFE Clean Energy Transition Programme, it provides Project Development Assistance to attract private investment and enable Energy Performance Contracting. It also enhances the municipality's and stakeholders' capacity to manage and monitor similar projects.

Develop a sustainable energy projects' pipeline by establishing a solid organizational structure.

Mobilize private funding for Near-Zero Energy Schools and reduce reliance on public funding through Energy Performance Contracting.

Foster replicability / transferability, exploitation and sustainability of project outputs and results by leveraging best practices, expanding their reach, and raising awareness of their energy, environmental, and socioeconomic impacts.

Objectives

Impact

FYLI_NZES will drive €18.3 million in strategic investments for energy efficiency and renewable energy across 45,000 m² in 39 public schools in Fyli, utilizing innovative financial instruments. In terms of energy and environmental impact, the implementation of the foreseen investments will result in:

- Primary energy savings of 4 GWh/year and final energy savings of 2,1 GWh/year.
- Reduction of GHG emissions by 7 tCO₂eq/year.
- Renewable energy generation of 3 GWh/year



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We're excited to share some great news in our very first newsletter!

The Project Development Unit (PDU) has been established!

The PDU has been officially established consisting of 14 members, 11 of which are from the Municipality of Fyli and 3 from TREK Development.

The role of the Project Development Unit (PDU) is to:

- Overall Management
- Coordination of project activities.
- Monitoring and evaluation of the project's activities.
- Quality control and assurance.

The PDU ensures the successful delivery of the project's objectives, including energy efficiency improvements and the transition to clean energy within the Municipality of Fyli.



Also....

Energy audits have been completed!

The energy audits for the public-school buildings included in the FYLI_NZES project have been successfully completed by certified auditors, establishing the baseline energy consumption of each facility. Based on these results, the issuance of Energy Performance Certificates (EPCs) is currently in progress—an essential requirement for securing national or EU funding.

In parallel, the identified Energy Conservation Measures (ECMs) will undergo technoeconomic studies to assess their feasibility and support future energy upgrades.



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Meet our Team

Municipality of Fyli

The Municipality of Fyli stands at the forefront of FYLI_NZES, not only as Project Coordinator but also as proprietor of the real estate assets (public schools) that will constitute target of the planned sustainable energy investments. Its recent history is marked by successful green initiatives, such as the establishment of a 10 MW photovoltaic park, underpinning its adeptness in conceptualising, managing, and actualising projects of this magnitude and scope.



TREK Development S.A.



TREK Development S.A. has 30 years of experience in coordinating and implementing EU-funded projects, actively working on the field of Sustainable Energy, by providing technical assistance to Ministries, Local / Regional Authorities and Development Agencies in Greece and abroad. In addition, TREK Development has significant experience in introducing sustainable energy principles to public and private bodies, designing and planning large scale energy efficiency / renewable energy projects, identifying alternative funding options and developing financial models for assessing the relevant investments and delivering successful energy-efficiency related projects.



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Stay tuned for more!



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The project FYLI_NZES "Near-Zero Energy Schools in the Municipality of Fyli" receives funding from the European Climate, Infrastructure and Environment Executive Agency (CINEA) under Grant Agreement n°101167022.



For more details about the project, stay connected with us by following our social media channels, where we share the latest updates, insights, and announcements!