



Profile of Organization:

KykloIKOdromio is a non for Profit entity (NGO) established in Cyprus and founded in 2022. KykloIKOdromio aims to implement educational and research programs, conduct studies, as well as organize events, workshops and other activities in the fields of energy, environmental protection, climate change and circular economy. It aims to develop information technologies on related topics.

KykloIKOdromio participates in EU funded Projects. KykloIKOdromio's vision is to promote circular economy actions for all. It aims to develop actions that improve the quality of life of the community, promote environmental protection, sustainable development, create relationships with companies, organizations, local authorities, and organized groups in order to accelerate the transition to a circular economy.

Project Idea:

Since climate mitigation is heavily dependent on urban actions, the project will support the Public Authorities in accelerating its green transformation and decarbonisation through the implementation of pilots related with energy efficiency, sustainable transportation, green development, circular economy, and green spaces. Since there are no data at a local level, there is a need for methodologies creation and research approaches, involving all stakeholders and facilitate the interaction among several different policies.

Project Summary:

The project is separated into four priority areas.

- **Collective and Citizen-Driven Energy Actions:** Attain all the necessary knowledge and support for the establishment of an Energy Community and the development of its roadmap. Occurrence of assessment of the regulatory and legal framework, identification of related challenges and legal structure set up, together with a proper governance model for the energy community and the related administration procedures. Energy consumption monitoring systems will be given to citizens to involve them in climate actions. Issues of energy consumption in lighting in Parks will be addressed, by examining all parameters for smart and energy efficient lighting systems.
- **Alternative Transportation Systems and Air Pollution Control:** Reduction of GHG emissions from transport and improvement of local air quality, by providing solutions to elementary school student through sustainable mobility and alternative transportation, installing and managing EV charging stations, developing and instalment of air quality and GHG emissions monitoring system and providing citizens with GHG emissions monitors.
- **Promoting Circular and Local Economy and Waste Management:** Strengthening of the local and circular economy by mapping and promoting repair and craft centres, further development of a Sharing Platform for the citizens and business, further expand and establishing a strong clientele for the Library of Things, applying a new composting program, and identifying the proper green waste management.
- **Greening the City and Thriving for Biodiversity and Sustainability:** Creation of 'green' urban spaces (through regeneration of parks/streets/public spaces) to limit the urban heat island effect



and improve air quality. Registry creation for plants and trees in all public spaces where citizens will be able to upload through a live platform urban flora & fauna species. Increased urban biodiversity through, not only, community gardens.

The main project Actions:

1. Dissemination Activities
 - 1.1. Communications and Dissemination
 - 1.2. Workshops, events
2. Electricity Consumption
 - 2.1. Smart and Energy Efficient Lighting in Parks
 - 2.2. Energy Communities: Regulatory Framework & Implementation Study
3. Road Transport
 - 3.1. Installation and Management of EV Charging Stations
 - 3.2. Student Transportation: Ways to minimise traffic and improve local air quality
 - 3.3. Report on Hydrogen Strategy: A roadmap on the public acceptance and roll-out of hydrogen
 - 3.4. Report on the Development of Air Pollution Monitoring System
4. Waste management & Circular Economy
 - 4.1. Urban Metabolism: MetaFlow diagram
 - 4.2. Mapping Repairs and Crafts Centres: Strengthening the Local and Circular Economy
 - 4.3. Sharing Platform: Sharing Economy
 - 4.4. Further expand and establishing a strong clientele of Library of Things: Library Circulating Materials
 - 4.5. Reducing the Impact of Wasted Food: Composting
 - 4.6. Management of Green Waste: Making Municipality Waste into Pellet Fuels
5. Land-Use
 - 5.1. Plant and Tree Mapping: Carbon Sequestration and Climate Change Mitigation
 - 5.2. Green Neighbourhoods Programme: developing climate-friendly neighbourhoods, with more nature, gardens, healthy food, and increased biodiversity.

Results:

The results and achievements of the project will be maintained and benefit the target groups even after the project terminates in the following ways:

- Knowledge products (e.g., checklists, best practices, business models) and web-based tools e.g., "sharing platform", "Library of Things" will be kept available after completion of the project.
- The project will create robust networks which shall endure after the project period.
- The results of the project can be transferred to other local authorities e.g., methodologies for alternative transportation, creating energy communities, creating green living spaces.
- Moreover, the findings can be incorporated into future programs of climate protection of the Cypriot government.
- Integration of project results to National policies of GHG emissions reduction (National Action Plans for Climate & Energy).
- Pilot programme on sustainable mobility for elementary schools students.



- Citizens involvement in GHG monitoring and energy saving activities.

Significance of the project:

The main goal of the proposed pilot activities is to support the implementation of a pathway to climate neutral local authorities by 2030. The Pathway to Climate Neutrality by 2030 complements the implementation of 2030 UN Agenda and the Sustainable Development Goals, while ensuring a just transition. The goal is to improve the air quality, creating jobs, promoting healthier lifestyles, improving the city mobility, addressing issues of energy poverty, reducing energy consumption by promoting energy efficiency, replacing fossil-based electricity with renewables source energy, managing properly municipality waste and accelerating the circular and local economy.

Target Partners:

Public Authorities e.g., Municipalities, Ministries etc, Higher Education and Research Institutions e.g., Universities, Research Centres etc, Agencies, Enterprises, SMEs, NGOS and other related interested groups.

Contact Information:

If you are interested to implement the above project in collaboration with Kykloikodromio for the 4th call of Interreg Euro-MED, please find the contact information bellow. Looking forward to hearing from you soon!



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