Interreg Euro-MED

Co-funded by the European Union

ReMED

Pilot Site Data Sheet

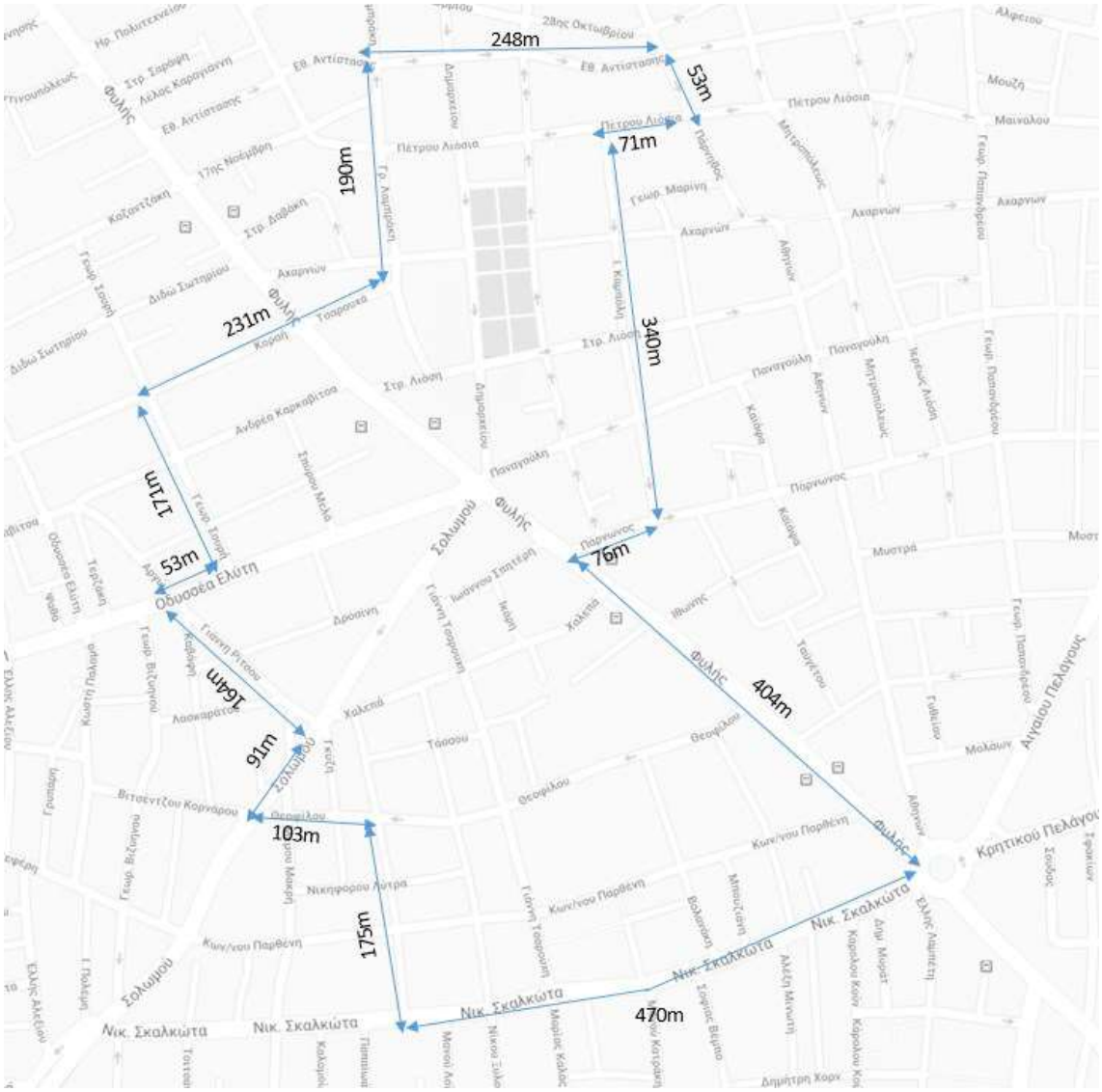
Municipality of Fyli

External expert assisting the municipality: Stratis Consulting

Pilot site: Central part of the Municipal Unit of Ano Liosia

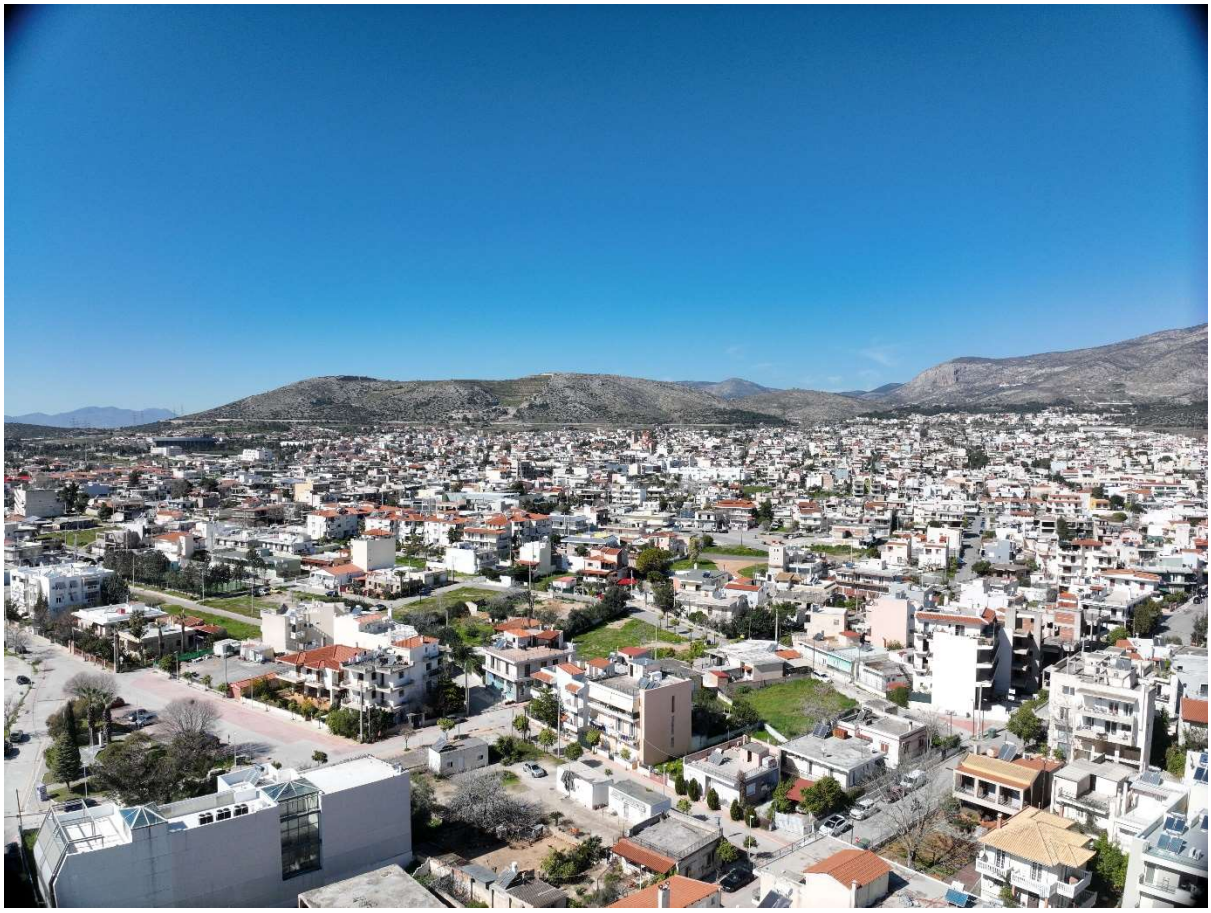
ReMED Lead Partner: University of Malta (UM)
ReMED (Towards Climate Resilient Mediterranean Cities) | remed@interreg-euro-med.eu

Extents and areas of the test site (Google earth map):



Central part of Municipal Unit of Ano Liosia, within the Municipality (Attica Region)







1 Stakeholders, participants, & roles

The Municipality plays an active role in the application and communication of climate adaptation tools and methodologies at the local level. Within the framework of the project, the Municipality has identified and is engaging with key stakeholders and participants involved in the implementation of climate adaptation measures in its pilot area located in the Municipal Unit of Ano Liosia.

Internal Stakeholders (Municipality of Fylis)	Local and Regional Stakeholders	Relevant Technical and Institutional Stakeholders	Scientific and Project-Level Stakeholders
• Mayor and Municipal Administration • Technical Services Department • Environmental Planning and Civil Protection Department • Department of European Programs & Development Planning • School Boards	• Region of Attica • Public Institutions in the Pilot Area • Local Residents and Property Owners in Ano Liosia Pilot Area	• Private Sector (construction companies, designers, engineers, etc.) • Attiki Gas Distribution Company (EDA Attikis) • PPC / DEDDIE (Public Power Corporation and Hellenic Electricity Distribution Network Operator) • NGOs and Local Community Organizations	• National Observatory of Athens (PB5) • University of Malta (PB1) • iiSBE Italia R&D (PB3)

4 key members from the National Observatory of Athens (NOA) are involved in the project

Surname – Name	Position
Balaras Costas	Research Director, ME Eng, Energy-Sustainability expert
Dascalaki Elena	Research Director, Physicist of the Built Environment
Droutsa Popi	Research Assistant, Environmental Physicist
Kontoyiannidis Simon	Research Assistant, Environmental Physicist

The Municipality of Fylis may mobilize a broad range of internal and external stakeholders in the context of the ReMED project. Each stakeholder plays a specific role across the **planning**, **implementation**, and **evaluation** stages of climate adaptation actions in the pilot area (Central part of the Municipal Unit of Ano Liosia).

The **Project Implementation Team** of the Municipality of Fyli consists of 12 key members:

Surname – Name	Position
Pappous Christos	Mayor
Zachari Spyridoula	Mayor's Special Advisor
Nikolopoulou Marina	Mayor's Special Advisor
Liakos Ioannis	Mayor's Special Advisor
Giaskoulidis Stefanos	Mayor's Special Advisor
Chiotakis Nikolaos	Mayor's Special Advisor
Ntinopoulos Argyrios	Mayor's Special Advisor
Argyropoulos Argyrios	General Secretary of the Municipality
Kourasi Chrysoula	Deputy Mayor for Energy Community Affairs
Schizas Athanasios	Deputy Mayor for Technical Services and Energy Management
Vamvoukas Panteleimon	Director of the Financial Services Department
Sklavounou Zacharoula	Head of the Treasury Department

1. Internal Stakeholders (Municipality of Fylis)

i. Mayor and Municipal Administration

Provide political leadership, strategic direction, and commitment to the project goals. Facilitate institutional support and ensure alignment with local policy priorities.
Oversee the alignment of ReMED objectives with municipal policies, approve decisions related to the use of the ReMED Platform, and support public engagement.

ii. Technical Services Department

Responsible for spatial planning, infrastructure, public works. Plays a key role in identifying needs, collecting data, and integrating adaptation measures. Collects urban and building data, supports the adaptation of ReMED assessment tools to local conditions, coordinates urban planning and infrastructure interventions.

iii. Environmental Planning and Civil Protection Department

Focuses on environmental monitoring, risk assessment, and emergency preparedness. Key player in assessing vulnerabilities and defining adaptation strategies. Contributes to identifying key climate hazards, and propose emergency response and resilience measures.

iv. Department of European Programs & Development Planning

Coordinates EU-funded projects, ensures compliance with administrative procedures, and manages communication with partners and citizens. Coordinates ReMED implementation

locally, ensures project compliance, reports progress to the Lead Partner, and organizes stakeholder engagement and communication actions.

v. School Boards

Facilitate access to public buildings in the pilot area.

2. Local and Regional Stakeholders

i. Region of Attica

Competent authority for regional spatial planning and climate adaptation strategies. Provides regulatory oversight and may support the alignment of ReMED tools with regional policies. Coordinates with the Municipality to ensure vertical integration of climate strategies between regional and local levels. Participates in multi-level governance discussions.

ii. Local Residents and Property Owners in Ano Liosia Pilot Area

Residents in the pilot area and local property owners (residential and commercial) are direct beneficiaries of the measures and will be actively engaged during the implementation. Provide feedback to local focus groups and consultations. Support testing of the project tools and adaptation scenarios at the neighborhood level.

iii. Public Institutions in the Pilot Area

Serve as case studies for testing the ReMED assessment system and decision-making methodology.

3. Relevant Technical and Institutional Stakeholders

i. Private Sector (construction companies, designers, engineers, etc.)

Support the implementation of adaptation measures. Receive training on the ReMED Platform, offer input on the usability of the tools, and may implement recommended adaptation solutions in future retrofit works.

ii. Attiki Gas Distribution Company (EDA Attikis) / PPC / DEDDIE (Public Power Corporation and Hellenic Electricity Distribution Network Operator)

EDA Attikis is responsible for the natural gas network in the area (upgraded in 2018). Involved in supporting infrastructure works related to energy efficiency. DEDDIE provides the main electricity supply to the area, relevant for assessing energy resilience. These operators provide technical information on existing energy systems and may contribute to the evaluation of energy resilience in the pilot area.

iii. NGOs and Local Community Organizations

May support citizen engagement and awareness activities.

4. Scientific and Project-Level Stakeholders

i. National Observatory of Athens (PB5)

Scientific partner supporting technical assessments and adaptation methodologies. Provides scientific support for the ReMED and guides technical implementation and analysis in the pilot area.

ii. University of Malta

Monitors and coordinates the overall project progress, provides technical support to the Municipality of Fylis, and collects input from the pilot application for the platform's refinement.

iii. iiSBE Italia R&D and other technical partners

Provides methodologies for building and neighborhood-level assessments and resilience planning.

2 Urban categories most impacted

Residents, public buildings (schools, town hall, sports hall), small businesses and mixed-use properties, and municipal authorities.

Residents:
Approximately 1,330 people live in the pilot area. Residential buildings represent about half of the built stock, making the project highly relevant to improving living conditions and resilience for the local population.

Public Buildings (Schools, Town Hall, Sports Hall):
There are several public buildings in the pilot area, including schools, the Town Hall, and an indoor sports hall, making public infrastructure a central focus of resilience assessment and adaptation planning.

Small Businesses and Mixed-Use Properties:
About 1/4 of the buildings host mixed-uses, including commercial spaces. Resilience planning, particularly regarding energy and extreme weather impacts, will benefit them.

Municipal Authorities:
The pilot application directly affects the operational and planning competences of the local government, providing a test bed for future adaptation of policies and technical practices.

3 Climate change challenges faced by site

The site faces multiple climate change-related challenges:

- Frequent and intense rainfall leading to: local flooding and urban runoff problems due to impermeable surfaces.
- Heatwaves and Urban Heat Island (UHI) effect, particularly during the summer months.
- Wildfires due to the proximity to Mount Parnitha, a natural area highly exposed to fire risks.
- Air pollution.

The main climate change challenge is flood risk due to intense rainfall and insufficient water infiltration. The pilot area has a high percentage of built surface with limited green or permeable areas. The existing urban infrastructure is not designed to manage high precipitation volumes. Urban drainage is insufficient, creating localized flooding risks. These events are becoming more frequent due to climate change, creating significant pressure on infrastructure and safety.

4 Challenges faced as a pilot/test site

The main challenge is engaging and mobilizing the local community and stakeholders in the adaptation process. General challenges include:

- Urban Complexity: Mix of private and public buildings with varying construction quality and age.
- Social and Economic Vulnerabilities: The area has relatively low income levels and limited investment capacity from residents.
- Low Awareness: Climate change is often a lower priority in daily life due to more immediate socioeconomic concerns.
- Coordination Needs: Multiple actors (residents, municipality, region, engineers) need to collaborate effectively.

5 Pilot/test site final goal

5.1 Municipality contribution to the project

The Municipality of Fylis aims to:

- Test and validate the ReMED Assessment System and the Decision Support Framework on a real urban environment.
- Evaluate the resilience and vulnerability of selected public building and the wider neighborhood.
- Develop climate adaptation scenarios for buildings and urban space.
- Engage stakeholders in the process.
- Generate recommendations for integrating climate adaptation into spatial planning.
- Improve public awareness and involve the community in discussions on adaptation.

5.2 Expected achievements by the end of the project

- Have a fully tested and localised version of the ReMED Platform tailored to the Municipality's needs.
- Produce a climate risk and vulnerability profile for the pilot area, including public building.
- Identify and propose cost-effective adaptation measures for implementation.
- Strengthen internal institutional capacity and technical knowledge in climate adaptation.
- Foster a multi-level governance model involving the Region of Attica, local stakeholders, and the community.
- Improve the public image and perceived value of the pilot area as a forward-looking, resilient neighborhood.
- Lay the groundwork for scaling up adaptation measures across other areas of the Municipality.







