



Energy4all
www.energy-4all.eu

**NET
ZERO
CITIES**
EU MISSION PLATFORM
CLIMATE NEUTRAL AND SMART CITIES

ENERGY4ALL KICK-OFF MEETING

**Trikala's journey towards climate neutrality
starts from GiSeMi**



The project has received funding through NetZeroCities from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 101121530 – Subgrant – PCP3 – Trikala – 24-26



trikala2030.gr/energy-4all.eu

Energy Service Of-

Target Groups

Πολιτες
Οικογένειες
Διαμέρισμα
Διακέρ. Πολυκατ.

Επιχειρηματίες
- Μικρές, μικρομε-
σαις επιχειρήσεις

Ενημέρωση
Χρηματοδοτού-
μενων / ετα-
εξοικονομώ-
ν ενέργειας

"Screen-
ing"
(προκα-
ταλογισ-
μός επιλε-
γών για προ-
χρημα-

Εξωτερική
Διαδικασία
Monitoring
των αιτίσεων

↓
Ερωτημ/γο
Ανάλυσης
Αναγκών

Timeline

Jan. 25

Survey
Results

Mar. 25

W/S

ALL STARTED FROM A VISION...

✓ FOR THE CREATION OF A CLIMATE NEUTRALITY HUB

Social innovation through tailor-made support to the citizens to ensure sustainability pathways towards climate neutrality

✓ FOR THE ESTABLISHMENT OF AN ENERGY COMMUNITY

Enhancing Energy Democracy via open participation initiatives aiming to establish a Renewable Energy Community

✓ FOR THE DEVELOPMENT OF INTELLIGENT ENERGY SYSTEMS AND SMART GRIDS

Utilizing data from installation of grid sensors and optimization of energy consumption



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The Municipality of Trikala took a significant step towards creating a greener city by participating in the European Energy4All program. This initiative marked progress towards the European mission of achieving 100 Climate-Neutral and Smart Cities by 2030, in which Trikala is an active participant.



On Thursday, September 26, representatives from seven partner organizations met at the Gisemi Hub – e-Trikala’s Innovation and Entrepreneurship Center to discuss the detailed planning of the project. The partners included the Municipality of Trikala (Lead Partner), e-Trikala A.E., University of Western Macedonia, ABB Greece, University of West Attica, ERGON CELL 4.0, Innovative Research Applications (INNORA), and the planned Energy Center.





During the meeting, it was agreed that the program would be implemented on a participatory basis, and that a Climate Neutrality Hub would be established. This HUB would act as an umbrella, under which both the Municipality and the citizens of Trikala would simultaneously be implementers and beneficiaries. The Climate Neutrality Hub's activities were planned to include:

- Monitoring greenhouse gas emission levels in the city
- Raising citizen awareness on energy efficiency
- Establishing an Energy Service Office, where residents could receive guidance on energy upgrade projects for their homes
- Identifying financing models for energy transition actions
- Strengthening the local research and innovation ecosystem in the energy sector
- Creating an energy community to benefit citizens
- Developing a platform for emission measurement
- Establishing a Climate Neutrality Observatory.



Additionally, the project aimed to create “Positive Energy Districts”, targeting energy-intensive municipal infrastructures. These sites would be equipped with appropriate systems to reduce energy consumption and improve the city’s overall energy balance. The selection of these pilot applications reflected the urgent need to reduce the energy footprint of the city’s building sector, which contributes the largest share of greenhouse gas emissions.



WELCOME SPEECH

The Energy4All Kick-Off Meeting in Trikala gathered all project partners for an engaging start to the initiative. The day began with a warm welcome and a short introduction from the Trikala Municipality and e-Trikala, setting the context and highlighting the project's main objectives.

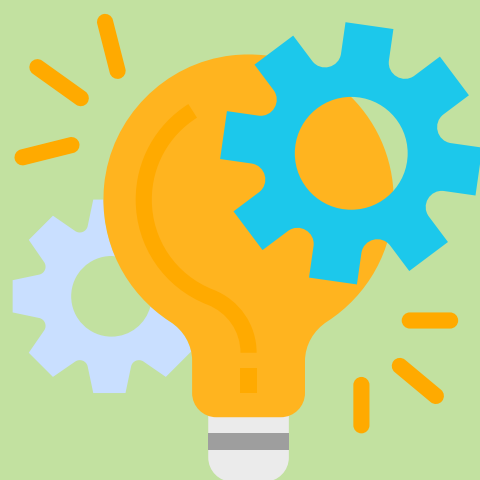
Ms. Konstantina Zachari, coordinator of the pilot on behalf of the Municipality of Trikala, delivered a keynote speech and declared the beginning of the pilot journey.



WP1: PROJECT, DATA & INNOVATION MANAGEMENT

The first session presented WP1, covering its main scope, procedural tasks, and short-term timeplan. Partners discussed existing processes, obligations, and the tools that will support the implementation of WP1 activities.





More specifically, the Municipality of Trikala, will be responsible for the project monitoring and evaluation activities in cooperation with project partners.

The project includes monitoring actions to measure and document the impact of the project.

Main focus will be on the improvements in the environmental and climate performances



WP2: CLIMATE NEUTRALITY HUB



WP2 was presented next, outlining the main aspects, requirements, and obligations of the development of the Climate Neutrality Hub. The session clarified the objectives and necessary steps for WP2, ensuring all partners have a shared understanding of its scope.





The Climate Neutrality Hub, is a centralized initiative within the Municipality of Trikala aimed at propelling the city towards its climate neutrality targets.

The Hub is designed to be a dynamic entity, orchestrating a variety of activities and services that cater to the needs of the community in transitioning to sustainable energy use and reducing greenhouse gas emissions.

Key to WP2's objectives is the establishment of the Energy Service Office, which will function as the primary contact point for citizens and businesses seeking guidance on energy-related matters.

Alongside the Energy Service Office, the Energy Community setup will foster collaborative energy practices, engaging citizens in collective actions and decision-making.



WP3: SMART GRID



Presentations for WP3 focused on the establishment of a climate friendly smart grid in Trikala, by integrating advanced energy technologies. It's aim is to leverage data for the optimization of energy usage.



WP4: INTELLIGENT ENERGY MANAGEMENT

WP4 was presented, highlighting the development of a Digital Twin of Trikala's energy infrastructure, which will serve as a dynamic simulation tool for understanding and improving energy flows throughout the city.

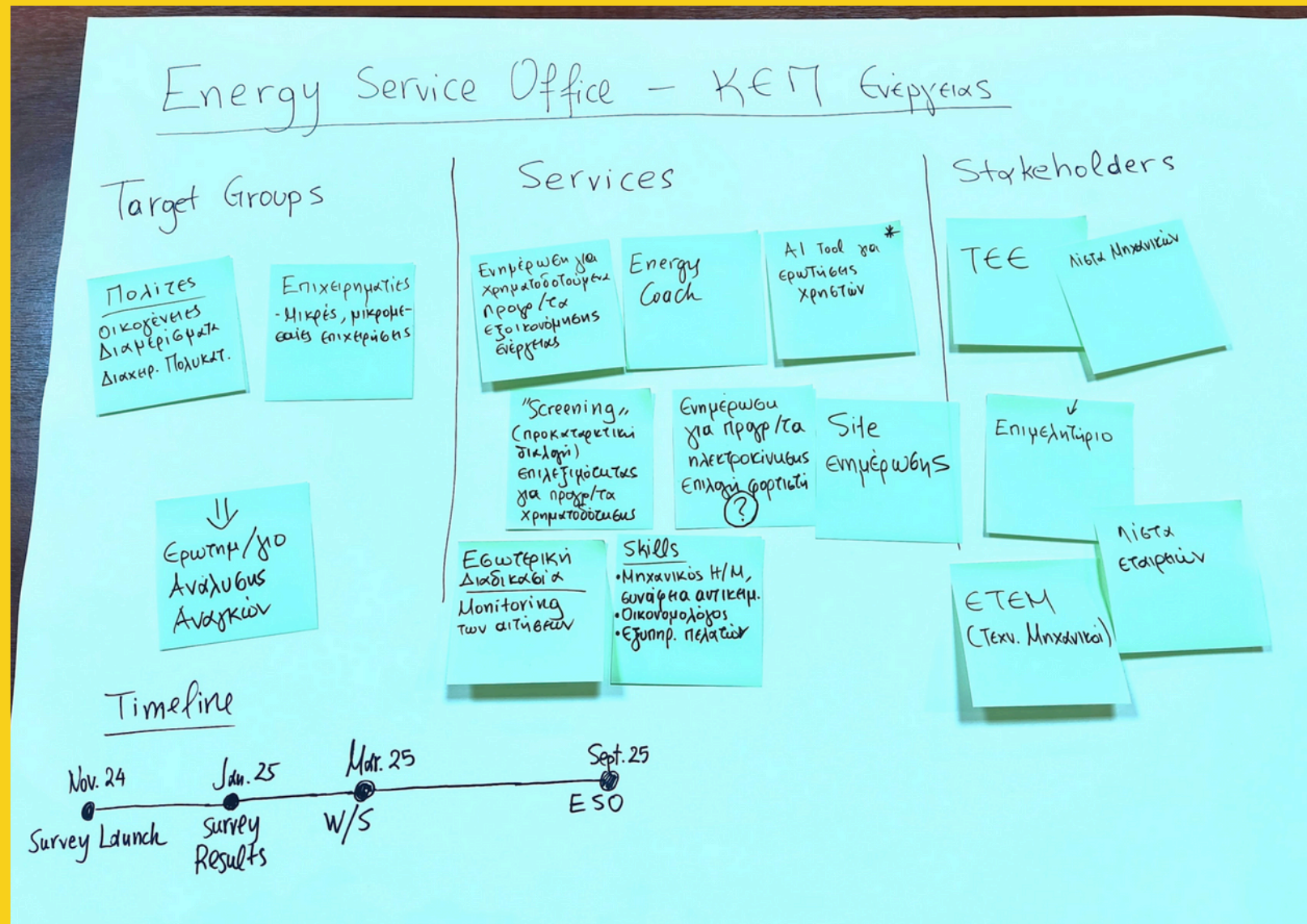


WP5: COMMUNICATION & DISSEMINATION

The primary objective of WP5 is to disseminate the project's results to various stakeholders, including local residents, policymakers, and the wider public.



WORKSHOP: ENERGY SERVICE OFFICE DEFINITION



An interactive workshop explored the vision and structure of the Energy Service Office. Partners discussed three key pillars: target users, services to be provided, and stakeholders. Ideas and proposals were captured on post-it notes, reflecting the collaborative nature of the session.



The meeting concluded on a proactive and collaborative note, with strong engagement from all participants, marking a successful launch of the Energy4All project.



OUR TEAM



e-trikala



ErgonCell

Adapting your needs to the future
of Industry 4.0



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RENERGISE CITY OF TRIKALA



September 26, 2025



09:00-14:00



Gisemi Hub, Trikala



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