

How will the Athens_Wave project further affect our society?

The Athens_Wave project goes beyond energy savings to create significant social impacts:

- **Increased Capacity:** Empowering 325 individuals, including Anaplassis' own personnel, municipal officers, and teaching staff to design, organize and implement similar actions.
- **Raising Environmental Awareness:** Among 6,210 people, including 2,070 students and 4,140 family members.
- **Employment Generation:** Creating 33 full-time equivalent green jobs.
- **Potential expansion** to all 31 additional school buildings owned by Anaplassis.

CONSORTIUM



Coordinator:
ANAPLASSIS SA
www.anaplassis.gr



TREK Development SA
www.trek-development.eu



Athens_Wave

BOOSTING ENERGY
INVESTMENTS IN
ATHENS PUBLIC
BUILDING STOCK



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Athens Wave

www.athens-wave.eu

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Brief Description

Athens Wave is a transformative initiative dedicated to consolidating and advancing a series of energy efficiency projects in and around the city of Athens, with a strong focus on retrofitting and upgrading the stock of municipal buildings and schools in an effort to make them energy efficient.

The project sets forth to support the maturity of the required investments, enabling them to attract private financing and facilitating investment delivery through Energy Performance Contracting.

The primary focus is to eliminate administrative and market barriers, thereby paving the way for substantial improvements in energy efficiency and sustainability.

Objectives

The main objectives of Athens_Wave are as follows:

1. Maturity Acceleration: Athens_Wave aims to fast-track energy efficiency projects to achieve critical mass for private financing and Energy Performance Contracting.

2. Replicability: The initiative seeks to serve as a model for other municipal, regional, and central government entities at both national and EU levels, encouraging the bundling of public infrastructure for energy retrofit through energy performance contracts.

3. Sustainability: All initiatives under Athens_Wave contribute significantly to energy efficiency, sustainability, and the reduction of energy consumption and emissions, aligning with local, national, and European targets. Additionally, it aids in reducing air pollution in Athens.

4. Improved Comfort and Health: The initiative places a strong emphasis on enhancing indoor comfort and health conditions for building occupants and visitors.

Impact

Athens_Wave's expected results include:

→ Investments in Sustainable Energy:

The project will trigger €14,622,200 in investments that boost sustainable energy use.

→ Primary Energy Savings

A substantial reduction of 4.0 GWh/year in primary energy consumption.

→ Renewable Energy Generation

Generation of 0.04 GWh/year from renewable sources.

→ GHG Emission Reduction:

An impressive reduction of 3,925 tons of CO₂ equivalent per year.

→ Retrofitting Public Buildings:

Upgrading 13 buildings (9 schools and 4 municipal buildings) of total 41,600m² total surface area.



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