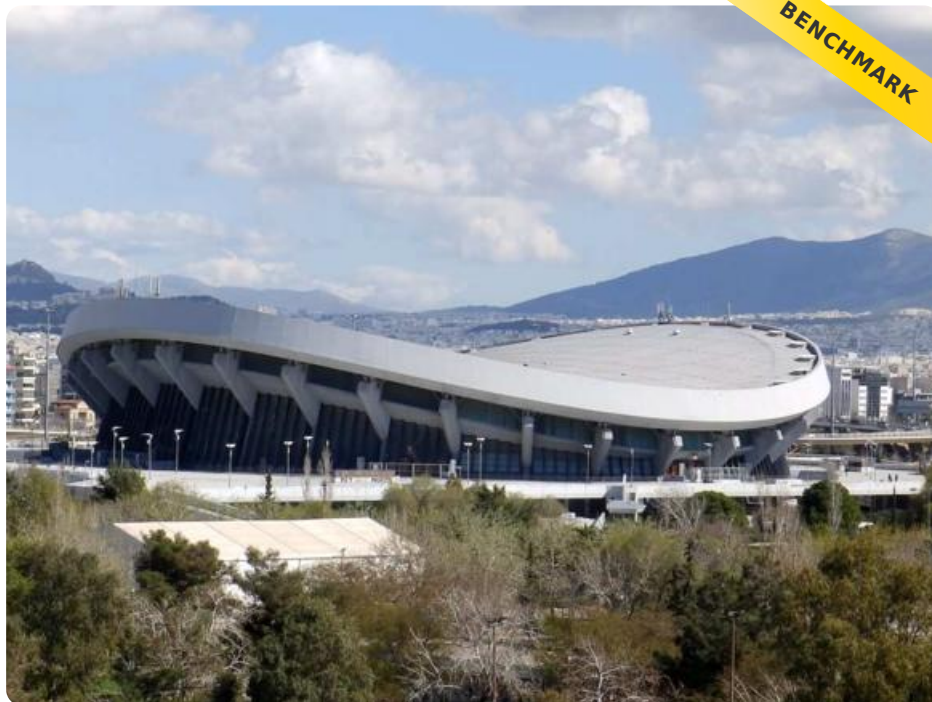


# Peace and Friendship Stadium

## Sport Facility Innovation Profile



## Basic Information

<b>Country:</b>	Greece
<b>Address:</b>	1 Ethnarchou Makariou Street, 185 47 Neo Faliro, Piraeus, Attica
<b>Owner:</b>	Olympiacos B.C.
<b>Manager:</b>	Olympiacos B.C.
<b>Email:</b>	mgsecretary@sef-stadium.gr
<b>Year of Building:</b>	1985

## Facility Types

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Indoor sports hall

Indoor sports centre

Outdoor courts of artificial or natural grass

Outdoor courts of other materials (non-grass)

## Is the facility part of the sports complex?

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No

## Description

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The Peace and Friendship Stadium is a multi-purpose indoor arena that is located in Piraeus, on the coastal zone of Attica, Greece. The arena is mostly known for being the home to EuroLeague team Olympiacos, and is the central venue of the Faliro Coastal Zone Olympic Complex. It opened in 1985 and its design was inspired by Palasport di San Siro.

## Size

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**Indoor Size:** 8803.0 m<sup>2</sup>

**Outdoor Size:** 43544.0 m<sup>2</sup>

## Sustainability Pillars

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Energy

## Subcategories

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Lighting: Installation of LED lighting, presence or brightness control systems.

## Innovation description

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At the Peace and Friendship Stadium, a Net Metering system was implemented with an investment of €30,000, enabling self-production of electricity and offsetting with the energy provider. The installation led to annual savings of approximately 276,138.3 kWh (7.9% reduction), significant CO<sub>2</sub> emission reductions, and a payback period of 12 years, with a 30-year lifespan and an overall ROI of around 5.5%

## Innovation

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**Type:** Process innovation

### Approximate cost of investment in innovation (in €, excluding VAT)

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30.000€

### Aid or subsidy to encourage the implementation of the innovation

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yes

### Years for the return on investment (ROI)

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The investment in the Met Metering program had a cost of €30,000. The system's lifetime is 30 years, and the payback period is approximately 12 years, achieved through savings of about €500,000, which are deducted from the electricity provider's costs and used to repay the capital. The total return on investment corresponds to approximately 5,5% ROI over the system's lifecycle.

### Pros of the Innovation

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Reducing emissions and costs through renewables and energy-efficient systems.

### Cons of the Innovation

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High initial installation cost and dependence on weather conditions.

### Facility Indicators

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<b>Visits per year:</b>	1.000.000
<b>Primary energy Usage per year (kWh/use):</b>	3.22
<b>Estimation of Energy Saving (%):</b>	Low (below 30%)

## Other sustainability measures you have introduced

Solar panels

## Other relevant information related with innovation

The implementation of the innovation leads to significant reductions in energy costs and contributes to the sustainability of the stadium. The annual savings of approximately 276,138.3 kWh (7.9% reduction) also translate into lower CO<sub>2</sub> emissions. Additionally, the cost-benefit relationship shows an approximate 5.5% annual yield compared to the initial investment, further strengthening the project's financial sustainability.

## Interest in a specific need that can be addressed by a company offering an innovative sustainability solution

There is no relevant study yet



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