

Hotel Annual Sustainability Report Unique Blue Resort

At **Unique Blue Resort** , we are constantly striving to improve the impact on people and places.

We are committed to reducing greenhouse gas emissions and protecting and supporting biodiversity.

As part of this commitment, we have set a target for 2025 to reduce greenhouse gas emissions from energy, water and waste by 30% by the end of 2030.

We are pleased to report that as of December 31, 2025, we expect to have achieved a significantly larger reduction of approximately 45% than our guidance.

We know that there is still work to be done, and in 2026 we will implement a number of new measures across our operations that will help us achieve our 2030 goal.

We urge our valued guests, staff and guests to support us by following the reminders we have posted throughout the hotel to save water and energy and minimise waste.

We are proud of the actions taken by our staff and hotel management to preserve biodiversity and support the local community. These include the campaign to protect and protect the marine daffodil, annual cleaning of Karteros beach, voluntary blood donation and sponsorships to the neighboring Holy Church.

In 2026, we will focus on supporting and sustaining these measures, as well as implementing the other sustainability goals beyond reducing the carbon footprint.

If you would like to contribute financially to this important community project, you will find a donation box at the reception. Your support can also be provided through volunteer work in beach renovations and blood donation campaigns.

Unique Blue Resort is committed to respecting and protecting human rights. We believe that everyone should be treated fairly and respectfully. As part of this commitment, we regularly train our staff in discrimination prevention.

We are also committed to protecting the well-being of children and young people. Our policy is to always report suspected child exploitation and abuse to the police.

We urge our customers, employees and visitors to report their own concerns about the exploitation and abuse of children to the local police department on 281 027 4000 or directly to the Heraklion Police at 1 Artemiou Street, Nea Alikarnassos.

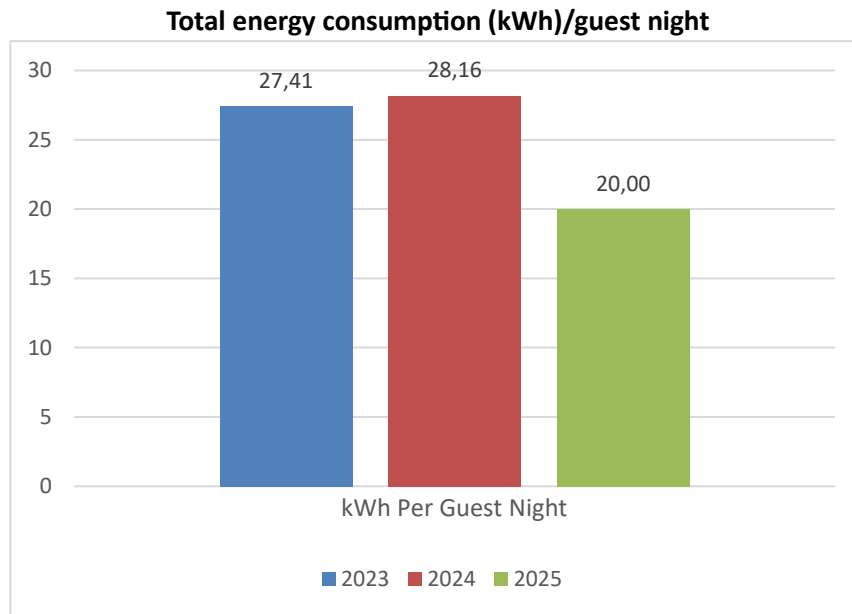
Our hotel is committed to the continuous improvement of sustainability practices. We kindly ask for your input for suggestions to reduce the environmental footprint and improve our responsible operations.

Performance

	2023	2024	2025
Total energy (kWh)	1226989	1294360	927911

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Total water consumption (m ³)	17637	14507	12599
Total waste (kg)	75652	79100	76000
Total emissions (kg CO ₂ e)	441609	367075	236700
Average emissions per guest night (kg CO ₂ e)	9,87	7,99	5,10
Ave kWh per guest night	27,41	28,16	20,00
Average consumption per guest night (m ³)	0,39	0,32	0,27



Environmental Performance Analysis

1. Total energy consumption per person per night (kWh/guest night)

The graph titled *"Total energy consumption (kWh/guest)"* shows that energy **intensity per person per night** has increased by **3%** compared to 2023.

This fact is directly related to the two factors mentioned above, and we note that:

1. **An increase in the number of overnight stays per person** by ~3% resulted in an increase in energy intensity per night by ~3%.

2025

Comparable results cannot yet be extracted for 2025; a closer comparison of the months of January to August 2024–2025 now shows a decline in total energy consumption.

In 2025, mild positive temperature deviations were observed in the wider area of Heraklion. In particular, **an average temperature deviation of +0.8 °C was recorded in May 2025** compared to the normal values of the reference period 1991–2020. This phenomenon is attributed to the increased sunshine and limited

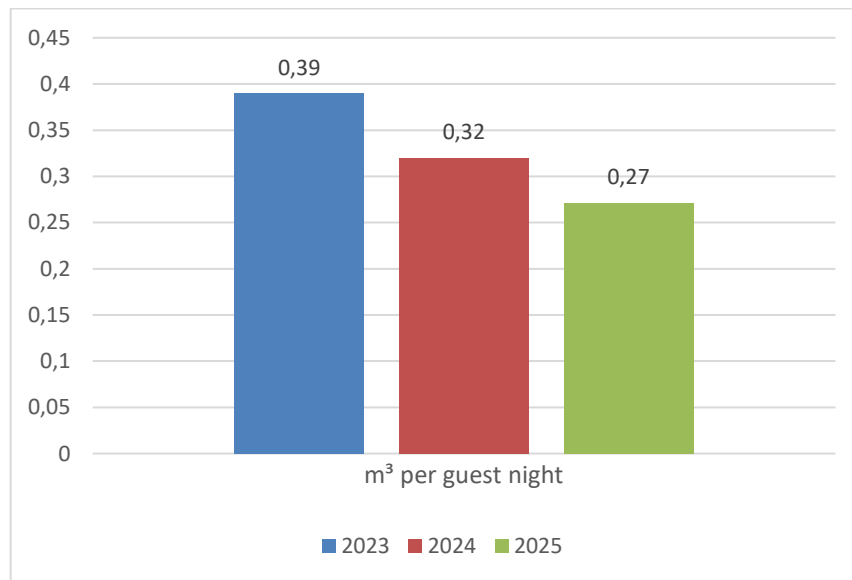
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precipitation of the period, which contributed to the faster warming of the surface layers of the atmosphere.

Proposed improvements

For **2026**, the continuation **of the operation of photovoltaic modules** and an increase in the use of green energy are planned. This, combined with the training of employees and customers, is expected to lead to **a reduction in energy consumption and CO₂ emissions**, underlining the organization's long-term goal for **more sustainable operations and more responsible resource management**.

Water consumption (m³/guest)



WATER

What worked well?

In **2024**, an increase **in total water consumption of about 100%** was recorded compared to 2023. This increase is due to a combination **of operational, demographic and climatic factors** that influenced the use of water resources in the complex and Highdro's use of water to meet our needs.

Increase in traffic:

The main variable that contributed to the change in consumption was the **94% year-on-year increase in the total number of individual nights**. The increased occupancy rate of the hotel led to higher water consumption for hospitality, cleaning, catering and operation of the facilities.

Climate factors:

Finally, **the summer of 2024 was characterized by particularly high temperatures** in the Heraklion area, with repeated heat waves and highs of **over 40 °C**. These extreme conditions led to **an increased need for cooling, hydration and use of water infrastructure**, and further contributed to the increase in overall water consumption.

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Overall, the increase in consumption in 2024 reflects the **impact of increased demand in the hospitality sector and climate pressures**, which is an **expected, functionally justified change** in the context of a warmer and particularly demanding summer environment.

2025

For the year 2025, there is a trend towards stabilization of total water consumption, however, the data available so far do not allow definitive and statistically certain conclusions, as the year is not yet over.

The analysis of monthly consumption data shows that consumption during the peak months of the tourism season (June–September) remains at similar levels to 2024, indicating stabilized operating practices and efficient management of water resources during the peak demand phase.

On the contrary, the pattern of annual consumption seems to be mainly influenced by the months of low and transitional demand – namely April, October and November – when water consumption increases compared to previous years. This phenomenon is probably related to the extension of the tourist season and the operation of other support facilities during off-peak hours.

Proposed improvements

Targeted consumption monitoring (smart metering):

installation of **sub-meters** in individual consumption sectors (rooms, gardens, kitchens, swimming pools) to accurately identify overconsumption points and optimize real-time management.

Extension of the irrigation program with sensors:

installation of **soil moisture sensors** and **programmable irrigation systems**, adapted according to weather conditions and the actual needs of the plants.

Upgrading plumbing components:

installing **low-flow mixers** and **automatic taps** in rooms and common areas to reduce consumption per guest.

Employee training and visitor awareness:

- Training staff in **water-saving** practices and timely reporting of leaks.
- Information material in the rooms for **the responsible use of water** by guests - friendly and positive.

Regular leak and maintenance checks:

Regular checks of utility networks, pumps and tanks for **immediate detection and recovery of leaks**, especially during transitional periods (April-November).

Review of cleaning and pool programs:

- Optimization of the **pool water renewal program** based on real quality measurements and weather conditions.

Climate Impact Analysis:

Integration of **temperature and sunshine indicators** into the interpretation of consumption fluctuations to obtain a better documented correlation between weather conditions and water demand.

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SOLID WASTE – RECYCLING

Solid waste disposal	Total kg (kg)	Average kilos (kg) per guest overnight	Total kg CO2e	Average kgCO_{2e} per guest night
2025	LANDFILL	LANDFILL	LANDFILL	LANDFILL
	34420 kg	1.8 kg	19277 kg CO2e	1.13 kg CO2e
	Cremation	Cremation	Cremation	Cremation
	0 kg	0 kg	0 kg CO2e	0 kg CO2e
	Recycling	Recycling	Recycling	Recycling
	11764 kg	0.62 kg	441.4 kg CO2e	0.026 kg CO2e
	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic
	0 kg	0 kg	0 kg CO2e	0 kg CO2e
Total	Total	Total	Total	
	46,183 kg	2.42 kg	19718 kg CO2e	1.15 kg CO2e
2024	LANDFILL	LANDFILL	LANDFILL	LANDFILL
	35546 kg	1.8 kg	22283 kg CO2e	1.13 kg CO2e
	Cremation	Cremation	Cremation	Cremation
	0 kg	0 kg	0 kg CO2e	0 kg CO2e
	Recycling	Recycling	Recycling	Recycling
	12,469 kg	0.63 kg	423.8 kg CO2e	0.021 kg CO2e
	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic
	0 kg	0 kg	0 kg CO2e	0 kg CO2e
Total	Total	Total	Total	
	48015 kg	2.43 kg	22707 kg CO2e	1.15 kg CO2e
2023	LANDFILL	LANDFILL	LANDFILL	LANDFILL
	18,272 kg	1.8 kg	11,454 kg CO2e	1.13 kg CO2e
	Cremation	Cremation	Cremation	Cremation
	0 kg	0 kg	0 kg CO2e	0 kg CO2e
	Recycling	Recycling	Recycling	Recycling
	6372 kg	0.63 kg	135.7 kg CO2e	0.013 kg CO2e
	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic
	0 kg	0 kg	0 kg CO2e	0 kg CO2e
Total	Total	Total	Total	
	24644 kg	2.43 kg	11,590 kg CO2e	1.14 kg CO2e

Proposed improvements

1. Reducing waste production at the source

- Implementing a **food waste management plan** in the kitchen (e.g., measuring cups, portion control, reusing safe food).
- **Employee training** and **customer awareness** (e.g., buffet tracking, "smaller plate" initiatives).
- Working with local NGOs or social food to donate **food**

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2. Shifting the waste stream to anaerobic digestion

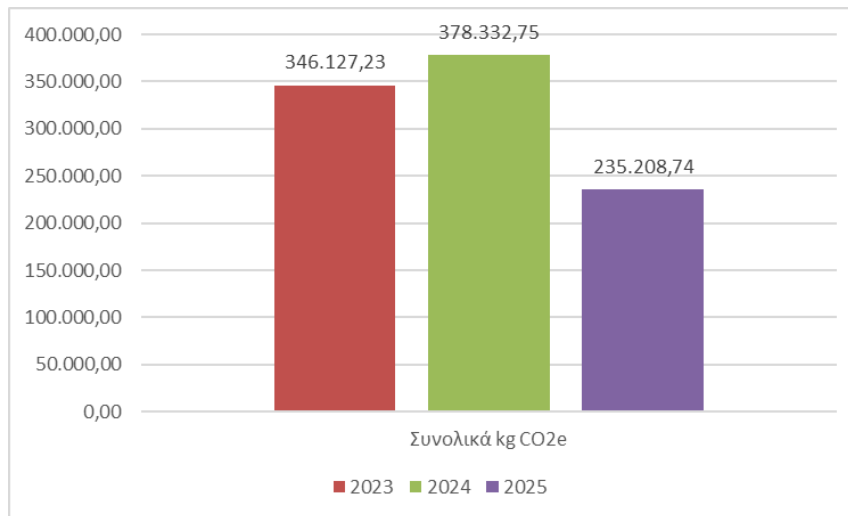
- All organic waste (food, sludge, kitchen residues) for anaerobic digestion.

3. Increase recycling

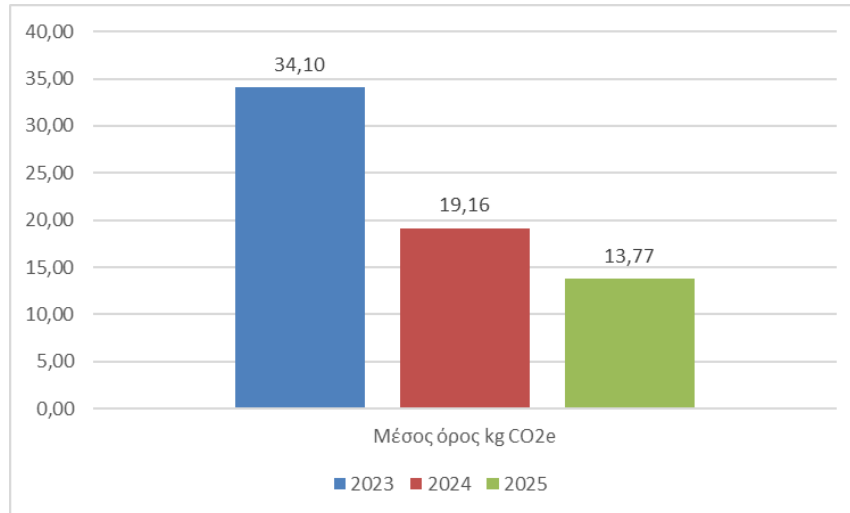
- Improvement of **separation at source** (paper, plastic, glass, metals).
- Quantity acquisition and **target acquisition**

TOTAL CO₂ FOOTPRINT

Emissions	Total kg CO ₂ e	Average kg of CO ₂ A per night of the guest
2023	346.127,23	34,10
2024	378.332,75	19,16
2025	235.208,74	13,77



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Finally, we find that our carbon footprint is showing a downward trend: in 2024 compared to 2023, it decreased by 19%, and in 2025 to 2024, the decline continues, exceeding our initial target.

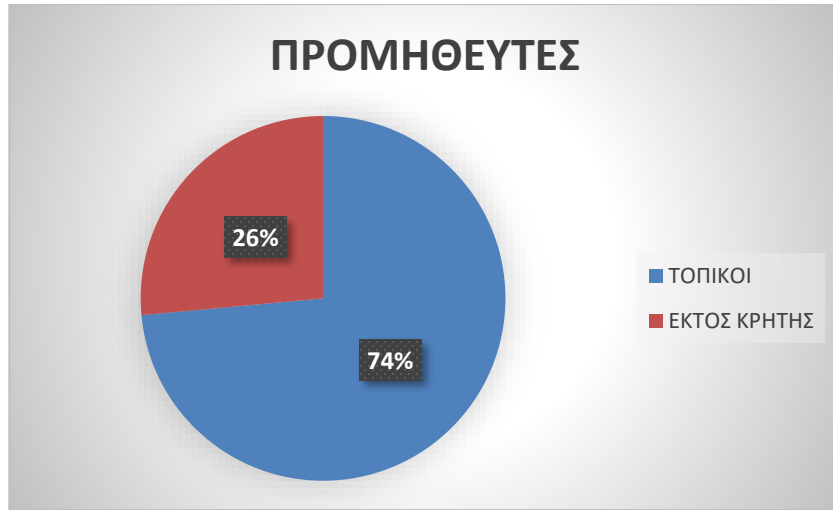
The improvement in **2024** was mainly due to the increase in overnight stays and best practices in the hotel's operations.

Proposed improvements

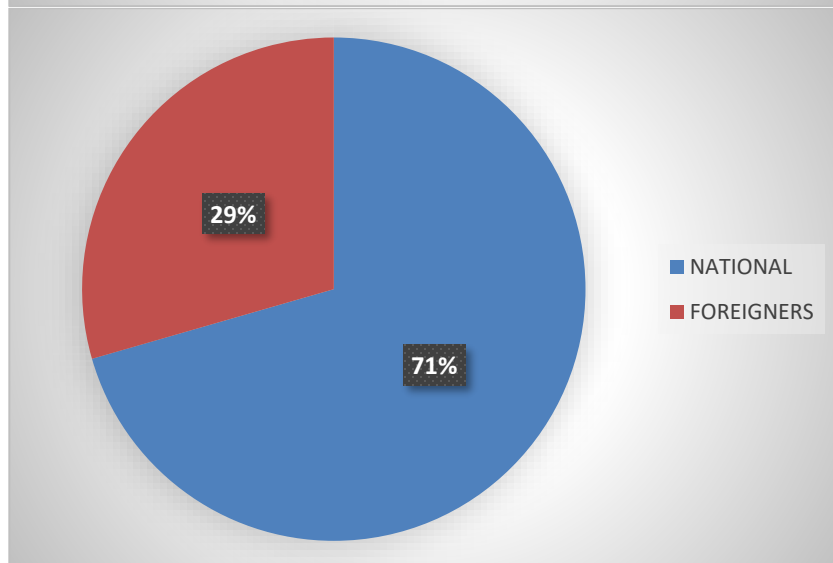
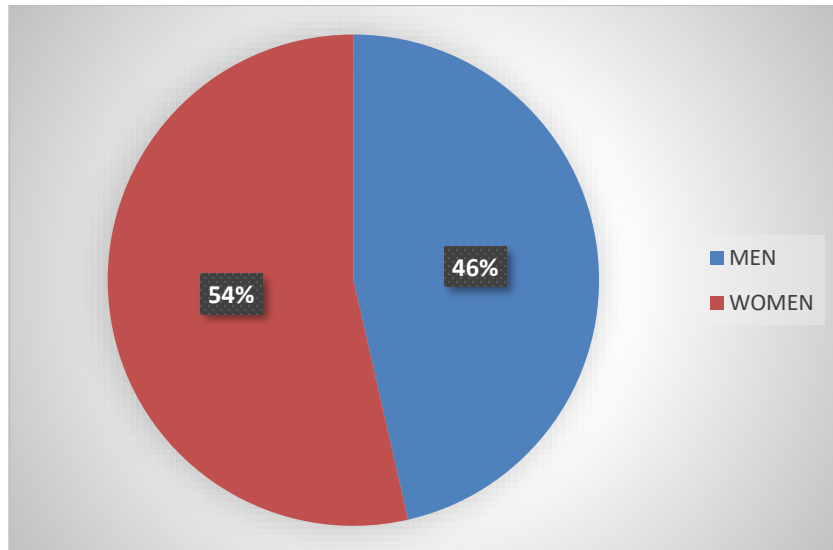
The improvement of the aforementioned footprint will be mainly done by reducing electricity consumption and increasing recycling volumes.

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SUPPLIERS



STAFF

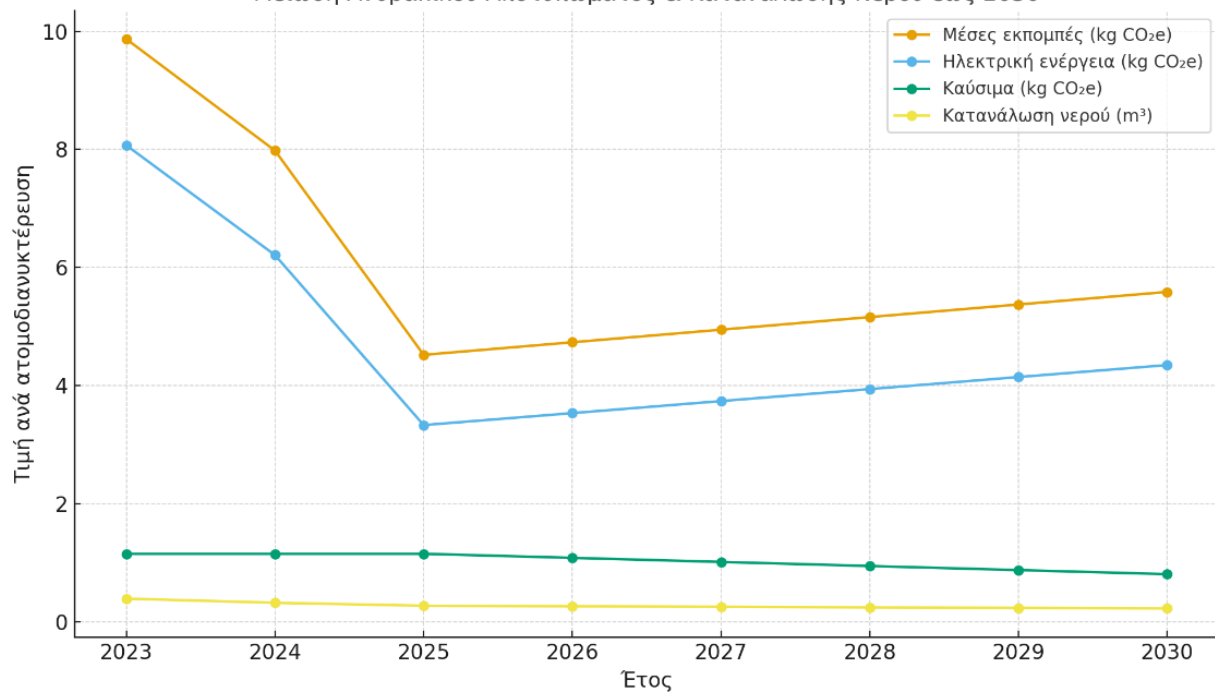


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Progress towards the goals

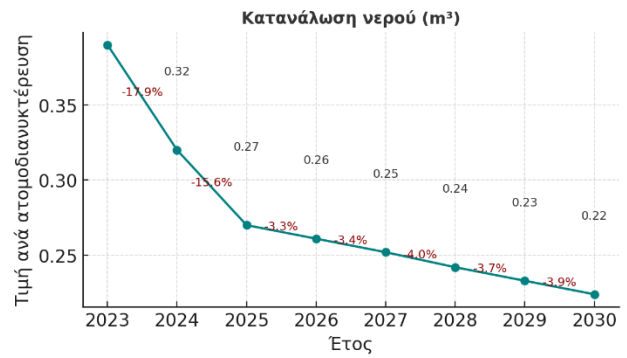
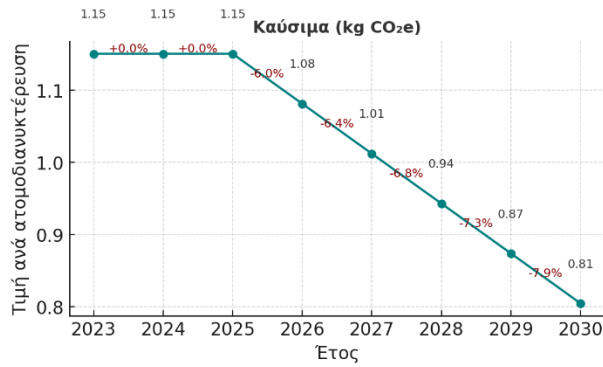
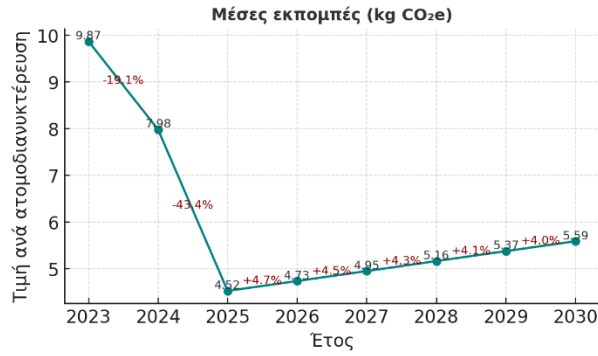
Indicator	2023	2024	2025	2026	2027	2028	2029	2030
Average emissions (kg CO ₂ e)	9,87	7,98	4,52	4,733	4,946	5,16	5,373	5,586
Electricity (kg CO ₂ e)	8,07	6,21	3,33	3,533	3,737	3,94	4,144	4,347
Fuel (kg CO ₂ e)	1,15	1,15	1,15	1,081	1,012	0,943	0,874	0,805
Water consumption (m ³)	0,39	0,32	0,27	0,261	0,52	0,242	0,233	0,224

Μείωση Ανθρακικού Αποτυπώματος & Κατανάλωσης Νερού έως 2030



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Εξέλιξη Ανθρακικού Αποτυπώματος και Κατανάλωσης Νερού (2023-2030)



Heraklion, 30.09.2025

Υπογραφή

Όνομα και επίθετο

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