





Sustainability Report 2022-2023

Honoring the past, enriching the present, sustaining the future

Limassol, Cyprus

Amathina Luxury Hotels Ltd

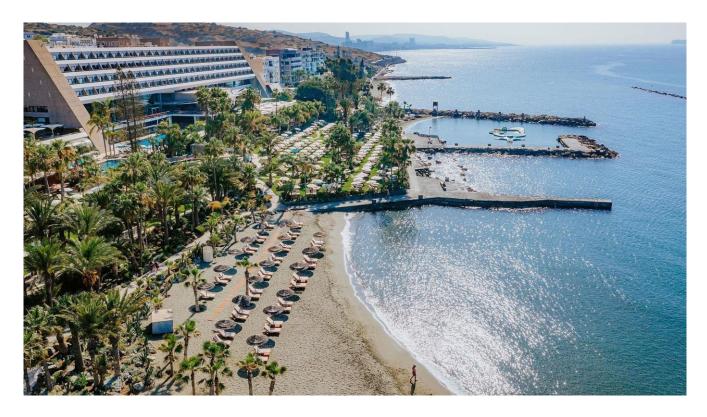
www.amathuslimassol.com

Introduction

Nestled along the ancient shores of Amathus, where the legends of Aphrodite meet the gentle rhythm of the Mediterranean, Amathus Beach Hotel has stood as a beacon of refined hospitality and timeless elegance for decades. More than just a luxury destination, our hotel embodies a philosophy rooted in harmony with nature, community, and the legacy we inherit and pass forward.

As guardians of this unique location, we recognise that sustainability is not a trend but a duty. A continuous commitment to protect the beauty of our environment, to respect the cultural richness of Cyprus, and to nurture the wellbeing of our human resources and the guests who choose to stay with us.

This report reflects our journey throughout 2022–2023: our achievements, challenges, and renewed goals. It aligns with global sustainability frameworks such as the UN Sustainable Development Goals, as well as our ongoing compliance with certifications like Travelife, Circular Hotels and ISO. We present this document as both a record of accountability and a promise of progress—a transparent guide into how Amathus Beach Hotel is shaping luxury hospitality with conscience for the benefit of our guests, our people, and the planet we all share.



Foreword

Amathus Beach Hotel is a luxury design hotel located in Limassol, Cyprus, and a proud member of The Leading Hotels of the World, one of the most prestigious hospitality organizations. Our primary goal is to offer an exceptional range of state-of-the-art facilities, top-notch services, an award-winning spa, and luxurious accommodation. We are committed to treating our employees as our most asset, ensuring fairness, equity, and respect for the local community. Additionally, we prioritize the protection of the local environment and the preservation of our local traditions in all our efforts to achieve our goals.

According to the United Nations' definition of sustainability, three individual dimensions comprise together a sustainable policy. These are:

- The environmental dimension planet: specific measures which lead to improving the environmental impact of the processes and products of the hotel and how these are regulated and executed.
- The social dimension people: how social equity and corporate governance are defined and followed within the hotel.
- The economic dimension profit: how the hotel establishes its place in the market to actively develop its sustainable profile by utilizing its economic stability and profitability for continuous improvement.

Giorgos Daskalakis General Manager 13 April 2025

Table of Contents

Introduction	1
Introduction	2
Foreword	3
Awards	5
Certifications	5
Our goals	6
The environmental dimension	8
Management Initiatives:	S
Energy and water consumption	1C
Energy and Water Saving Measures:	1C
Waste production and recycling	12
Chemical consumption	13
Coastal protection	15
The social dimension	15
Employees	15
Local Community and Tradition	16
The economic dimension	18

Awards

- Tripadvisor Travelers' Choice Award 2021 & 2022 & 2024
- Tripadvisor Travelers' Choice Award 2017-2019
- British Airways Customer Excellence Award 2023
- 'Sustainability Award by Diversey Care 2017'

 During the 44th EHMA (European Health Management Association) annual general meeting in Netherlands, in recognition of the hotel's outstanding long-term endeavors to protect and improve the environment.
- Environment keeper Gold award for 2016-2017

 Awarded by Cyprus Center for Environmental Research and Education
- Green Hotel of The Year 2015

 Awarded during the European Hospitality Awards 2015

Certifications

ISO 22000:2018- HACCP TRAVELIFE 2021 GBAC STAR 2022

<u>Undergoing compliance and forecasted certification:</u>
ISO 45000 – November 2025
Investors In People Standard or Silver Award - July 2025

Our goals

Utilizing the "SMART" methodology to develop our goals, we strive for success by making goals specific, measurable, achievable, realistic, and timely. The SMART method helps push further by providing a sense of direction and helps organize actions to reach the intended result. We have set 3 goals to achieve by May 2025 regarding the implementation, maintenance, and targets for our sustainability compliance.

Goal 1: Food	d waste management			
	SDG 3: Good Health and Well-being			
	nsible Consumption and Production			
	SDG 13: Climate Action			
	SDG 6: Clean Water and Sanitation			
SDG 14: Life Be				
SDG 15: Life on				
	nable Cities and Communities			
	Work and Economic Growth			
Specific	Implement a food waste management system that captures photos, weighs waste, and records the reason for disposal in kitchen areas.			
Measurable	Install and activate a total of 2 devices across different food service areas			
	1. Main kitchen,			
	2. Kalypso (Main) restaurant Kitchen			
	to accurately record and analyze food waste.			
	The Project Manager responsible for implementing this goal is the Data Protection Officer.			
	A detailed presentation was made for the 1st device with a period of implementation between September 2024 and January 2025 to the executives of the F&B team, and an action plan was produced to proceed with the introduction of the 2nd device and Brainstorming sessions on how to use this waste. Ideas have been suggested for:			
	1. A "daily menu" at casual dining outlets which could accommodate different recipes according to the waste to be managed.			
	2. A series of beverage accompaniment recipes, i.e. zucchini peels/potato skin chips			
	The progress will be tracked through quarterly meetings.			
Achievable	Begin with one device for the buffet and main kitchen waste within 2 weeks, followed by installing an additional device for the main restaurant kitchen waste. Kitchen staff was trained at the beginning of the project and a 2 nd more interactive for engagement and awareness.			

Realistic	Reducing food waste aligns with our commitment to sustainability, environmental
	protection, and cost efficiency, enhancing our operational practices and supporting our
	local community and traditions.
Timely	Complete the full implementation of the food waste management system with all
	devices installed and operational until May 2025.

Goal 4: Energy	management – Reducing CO2 emmissions
SDG 7: Affordat	ble and Clean Energy
SDG 13: Climat	te Action
SDG 12: Respo	onsible Consumption and Production
SDG 9: Industry	v, Innovation, and Infrastructure
SDG 11: Sustail	inable Cities and Communities
SDG 8: Decent	Work and Economic Growth
SDG 15: Life or	n Land
SDG 6: Clean VI	Vater and Sanitation
SDG 17: Partne	erships for the Goals
Specific	Implement the action plan as produced from the CO2 emissions study conducted in September 2024, based on scopes 1 and 2 of ISO 140064. <u>Amathus CO2</u> emissions report
Measurable	1. Replacement of outdated and low-efficiency Split Units with modern, energy-efficient alternatives to enhance climate control while reducing electricity consumption. 2. The current PV system, which is installed on a Net-Billing scheme, will be moved to the Zero Export scheme, which allows the consumption of all the energy produced by the PV for hotel operations. 3. Deployment of a Building Energy Management System (BEMS) to monitor and optimise real-time energy use across all key operational zones, improving efficiency and reducing unnecessary consumption. 4. Installation of Variable Speed Drives (VSDs) on Air Handling Units (AHUs), enabling adaptive airflow control based on actual demand and improving the overall performance of the HVAC system. The Project Manager responsible for implementing this goal is the Chief Engineer.
Achievable	Annual targets are set from 2025 to 2030, with cumulative tracking per project. Emission reductions will be monitored and recorded using the emission coefficients set in the 2024 study.

Realistic	The plan is based on detailed assessments of actual consumption patterns from 2022–2023 and includes realistic savings aligned with current infrastructure capabilities.
Timely	The first set of actions is planned for implementation in 2025, with full operational effectiveness and tracking continuing through 2030, as per the Amathus CO ₂ Action Plan.

Goal 3: Water management				
SDG 6: Clean Water and Sanitation				
SDG 0. Clean water and Samtation SDG 12: Responsible Consumption and Production				
,	SDG 13: Climate Action			
SDG 15: Life on Land				
SDG 13. Elle on Land SDG 11: Sustainable Cities and Communities				
Specific Specific				
Measurable	Install water-saving filters in 100% of hotel taps			
Measurable	Introduce motion sensor mixers in public and guest restrooms			
	· · · · · · · · · · · · · · · · · · ·			
	Install greywater pumps to collect water from foot baths and outdoor showers for			
	irrigation use in the hotel gardens			
	Baseline water consumption for 2022–2023 was 530 litres per guest night; the			
	target is a 5% reduction by the end of 2025			
	The Project Manager responsible for implementing this goal is the Data Protection			
	Officer.			
Achievable	Research and procure efficient, guest-friendly equipment for water conservation.			
	Coordinate with the Maintenance, Housekeeping and Procurement teams to ensure			
	compatibility and ease of installation during the annual maintenance cycle.			
Realistic	This initiative directly supports Amathus Beach Hotel's sustainability mission, aligning			
	with national conservation goals and contributing to operational efficiency, cost			
	reduction, and guest awareness.			
Timely	Full implementation of all systems is scheduled to be completed by November 2025,			
	with impact monitored quarterly and compared against 2023 water consumption			
	data.			

The environmental dimension

Amathus Beach Hotel is deeply committed to sustainability and actively implements measures to protect the environment for future generations. We acknowledge that our operations have an impact on the environment, and we continually strive to minimize any negative effects caused by our activities. As pioneers in environmental responsibility, we were among the first businesses in Cyprus—and one of the few in Southern Europe—to introduce an advanced central geo-exchange and heat recovery system that utilizes seawater, significantly reducing our environmental footprint.

Management Initiatives:

Regular Sustainability Audits: We conduct regular audits to assess the hotel's environmental performance and identify opportunities for improvement. We use these audits to set new sustainability targets and track progress. Audits are part of our certification standards for ISO 22000-HACCP, TRAVELIFE, and GBAC Star.

Energy and Water Efficiency Programs: We have implemented programs to reduce energy and water consumption across the hotel. This includes installing energy-efficient lighting and appliances, using water-saving fixtures, and optimizing heating, ventilation, and air conditioning (HVAC) systems. Additionally, we use BMS software and for 2025 we will explore upgrading it with additional EMS functionalities.

Waste Reduction Strategies: We are currently developing comprehensive waste reduction strategies, such as increasing recycling rates, exploring systems for composting organic waste, and almost eliminating single-use plastics. We encourage guests and staff to participate in these efforts through clear communication and education on our TV system, websites etc.

Sustainable Procurement Policy: We have adopted a sustainable procurement policy that prioritizes environmentally friendly products and services. This includes sourcing local and organic food, biodegradable cleaning supplies, and eco-friendly guest amenities.

Biodiversity and Ecosystem Support: We take measures to support local biodiversity and protect natural habitats around the hotel. This involves creating green spaces, with native vegetation, and partnering with local animal welfare organizations to adequately care for the cats within our premises while protecting the local landrace, Cat of Aphrodite.

Green Certifications and Awards: We pursue certifications and awards for sustainability, such as Travelife, ISO 14064, and Circular Hotels scheme, to demonstrate the hotel's commitment to environmental best practices and encourage continuous improvement.

Community Engagement and Education: We engage with the local community and guests by organizing environmental awareness campaigns, or clean-up events. This helps raise awareness and promotes a culture of sustainability within and beyond the hotel.

Carbon Footprint Reduction: We implement initiatives to reduce the hotel's carbon footprint, such as investing in renewable energy sources with a PV system on our roof,

offsetting carbon emissions, and participating in carbon reduction programs managed by the Cyprus government and in compliance with ISO 14064.

Guest Education and Involvement: We provide guests with information on the hotel's sustainability efforts and encourage their participation, such as opting out of daily linen changes, gifting children with reusable water bottles, or participating in eco-friendly activities such as beach cleaning.

Green Transportation Options: We promote sustainable transportation options for guests and staff, such as providing electric vehicle charging stations, encouraging bike rentals and use of public transportation.

Energy and water consumption

At Amathus Beach Hotel, we continuously monitor energy and water consumption to minimize usage while maintaining the high quality of our services. By carefully tracking our consumption data, we aim to keep our energy use and water consumption as low as possible.

In 2023, we successfully reduced total energy consumption by 10.23 %per guest night compared to 2022. However, it's important to note that this decrease occurred despite an approximate 90% increase in total guest nights. Our goal for 2024-25 is to maintain energy consumption at this reduced level. To support this objective, we commit to exploring the implementation of occupancy sensors and updating our BMS with EMS functionalities, in line with our sustainability policy.

Water consumption also had an increase of 19.20% on total water consumption but the average consumption per guest night dropped by 37.50% For 2024-25, our target is to maintain this reduced water consumption level. Additionally, we will continue to educate our staff and inform our guests about efficient water use as well as replace and update equipment for optimal usage to ensure we adhere to our environmental policies.

Energy and Water Saving Measures:

• Water-Efficient Fixtures: All bathrooms are equipped with water-efficient filters and mixing taps to reduce water usage.

- Geo-Exchange Air-Conditioning System: We use a geo-exchange air-conditioning system, combined with heat recovery, to produce hot water with the lowest energy consumption throughout the year.
- Reverse Osmosis Desalination Plant: Our reverse osmosis desalination plant provides potable water for the entire hotel, covering all needs, including guest rooms, swimming pools, in-house use, and watering of our 4,000 m² gardens. The existing oil burners are only used as a backup heating system.
- Building Management System (BMS): Since 2009, we have utilized a Building Management System (BMS) to manage energy and water consumption efficiently. This centralized platform controls lights with timing schedules and sensors, engine rooms, desalination plant, HVAC systems, and more. It provides real-time notifications of system or equipment failures and insights to identify potential damages.
- Water Flow Restrictions: We have implemented water flow restrictions in guest room taps, showers, toilets, dishwashing machines, and laundry machines to minimize water usage.
- Automated Irrigation System: Our gardens are maintained using an automated, timemanaged irrigation system, monitored daily by the maintenance department, to ensure optimal water usage.
- Energy-Efficient Lighting: Low-energy light bulbs and LED lights are used throughout public areas, guest rooms, and back-of-house spaces.
- Motion Sensor Lighting: *Public restrooms, corridors, basements, and staff areas are equipped with low-energy lighting paired with infrared motion sensors to reduce energy consumption.*
- Energy-Efficient Appliances: All new appliances/ equipment are assessed to offer high energy efficiency. For example, guest rooms are equipped with smart TVs with low standby consumption and energy-efficient refrigerators.
- Energy-Efficient Procurement: All new equipment purchases are evaluated for their energy efficiency to ensure minimal energy consumption.
- Regular Maintenance and Training: At the start of each season, we conduct regular maintenance and provide training to ensure all equipment is used efficiently.
- Guest Awareness: We provide information to our guests on how they can help save water and energy during their stay, through notifications on the TVs in the room.
- Greywater Recycling: We have a greywater recycling system to reuse water from outdoor showers and foot baths for irrigation, further reducing water consumption.

- Solar Energy: We invested in solar panels to generate renewable energy for heating water and powering some of the hotel's operations, reducing reliance on non-renewable energy sources.
- Eco-Friendly Laundry Practices: We encourage the use of eco-friendly laundry practices, such as offering guests the option to reuse towels and bed linens to reduce water and energy usage.
- Energy Audits: We conduct regular energy audits to identify areas for improvement and implement strategies to enhance energy efficiency across all hotel operations. We recently concluded a CO2 emissions study based on ISO 14064, which has been verified by TUV Cyprus.
- Green Roofs and Walls: We have installed green walls to improve insulation, reduce energy usage, and enhance the hotel's aesthetic appeal.
- Employee Sustainability Programs: We implement sustainability programs for employees, including workshops and incentives, to promote eco-friendly practices both at work and at home.

Waste production and recycling

Effective waste management is a critical component of our environmental protection strategy at Amathus. We place great emphasis on educating our staff annually about our waste management procedures, including the proper separation of waste types and recycling practices. To further support these efforts, we have strategically placed recycling bins throughout the hotel's common areas and premises, and we actively encourage our guests to participate in recycling.

While our waste management program was implemented in 2016, data collection began in 2018. Since then, we have recorded detailed data on waste production, including glass, metal, paper, plastic, and used cooking oil. In 2023, our total waste production for these materials was 125420 kg, excluding recycled materials. For the 2024-2025 period, we have set a goal to minimize waste with two projects, one regarding soap remnants and the other is effective food waste management with Food Flow system in coordination with a composter. We aim to achieve our goals through rigorous staff training and by effectively communicating the benefits of waste management to our guests.

To minimize solid waste production across all areas of the hotel and enhance our recycling program, we:

Reduce Paper Use and Eliminate Plastic: Implemented measures to minimize paper usage and eliminate single-use plastics for customers.

Move to Digitization: Transition most operational procedures to digital formats while providing alternatives for those who are not familiar with the technology.

Continue Recycling Efforts: Maintain our commitment to recycling materials such as paper, cardboard, glass, plastic, cooking oil, toner cartridges, fluorescent tubes, and batteries.

Enhance Food Waste Management: Improve our existing food waste management processes to maximize reuse opportunities. We have installed a demo version of the Food Flow system which recognizes the type of food, weighs the disposed quantities and records the reason for disposal.

Explore Organic Composting: Investigate the potential for establishing an on-site organic composting unit.

By taking these steps, we aim to further reduce our environmental impact and foster a culture of sustainability among our staff and guests.

Chemical consumption

The use of chemicals can significantly impact the environment, and we are committed to minimizing this effect. Our approach ensures that chemicals are used sparingly and exclusively by specially trained staff. During the two years of the SARS-CoV-2 pandemic, and our GBAC Star Accreditation, we thoroughly evaluated all chemicals used in our operations for their environmental impact and replaced them with more eco-friendly alternatives wherever possible.

For 2024, our goal is to maintain our current level of chemical consumption while continuing to prioritize products with the lowest environmental impact. We are also dedicated to training our staff on the efficient and responsible use of chemicals, through our official suppliers. This accreditation is an infectious disease prevention standard that also encompasses bio-hazard waste disposal management.

Chemical management:

- Ensure Safe Use and Disposal: All chemicals currently in use are handled and disposed of safely and responsibly, following established environmental and safety guidelines.
- Environmental Criteria for Purchases: We prioritize the purchase of cleaning agents and other products that meet strict environmental standards to minimize their impact.

- Limit Chemical Usage: We restrict the use of chemicals to situations where they are necessary, reducing overall consumption.
- Local Plants in Landscaping: We incorporate local plant species in our gardens that require less water and are more resilient to the local climate and non-toxic for cats who live on our premises, reducing the need for chemical treatments.
- Organic Fertilizers: We use organic fertilizers in our gardens to promote healthy plant growth without the use of synthetic chemicals.
- Minimize Chemical Use in Housekeeping: We have reduced the use of chemicals in housekeeping operations by employing alternative cleaning methods and products wherever possible.
- Conduct Daily Swimming Pool Checks: The dedicated staff checks daily swimming pools to ensure water quality is maintained with minimal use of chemicals and other substances.
- Spill Response Plan: We have established a spill response procedure to ensure quick and effective containment and cleanup of any chemical spills, minimizing environmental impact.

Additional initiatives we aim to explore are:

- Implement Eco-Friendly Pest Control: Use natural pest control methods, such as introducing beneficial insects or using plant-based repellents, to minimize the use of chemical pesticides.
- Provide Staff Training on Green Cleaning Techniques: Regularly train staff on green cleaning techniques that reduce the reliance on harsh chemicals and promote safer alternatives.
- Monitor Chemical Inventory Closely: Maintain a detailed inventory of all chemicals used on the property to prevent overstocking and minimize waste.
- Use Microfiber Cloths and Mops: Utilize microfiber cloths and mops for cleaning, which require less water and fewer chemicals than traditional cleaning tools.
- Conduct Regular Audits: Perform regular audits of chemical use and storage practices to identify opportunities for further reductions and improvements.
- Opt for Concentrated Cleaning Products: Choose concentrated cleaning products that reduce packaging waste and require less transportation energy, thereby lowering the overall environmental footprint.
- Encourage Supplier Sustainability: Further work with suppliers who have strong sustainability policies in place, particularly those that offer eco-friendly or biodegradable products.

- Source Water-Efficient Cleaning Equipment: Invest in water-efficient cleaning equipment that uses less water and fewer chemicals while maintaining high cleaning standards.
- Set Up a Chemical-Free Zone: Designate certain areas of the property as chemical-free zones where only natural and non-toxic products are used, showcasing the hotel's commitment to a safer environment.

Coastal protection

- The beaches in front of the hotel are properly organized and regularly cleaned as well as awarded with Blue Flag by CYMEPA
- Bathing water quality is constantly monitored
- Kitchen sewage channeled to a grease separator system blocking grease and particles from entering the local sewerage system

The social dimension

The protection of the local community's market is one of the foremost targets of the administration and management of our hotel.

Employees

60,5% of our staff are Cypriot, representing communities from across the island. Each season, we strive to retain the same team members, with the majority having worked with us for five years or more. 43% of our employees have been with us long-term. Our goal for 2024-25 is to maintain this level of retention, fostering consistency and loyalty within our workforce. Our HR department is currently in compliance process with Investors in People Certification.

Achieving Investors in People (IIP) accreditation will elevate our hotel's HR practices by fostering a culture of continuous improvement, employee development, and well-being. With over 380 employees, this certification ensures we prioritize staff engagement and performance, ultimately driving higher service standards and organizational success. Through IIP, our HR response becomes more strategic, empowering our workforce and enhancing overall operational excellence.

All employees enjoy full benefits as mandated by Cypriot labour laws, along with any other applicable labour rights. We maintain an open-door policy, ensuring that any work-related issues or concerns are easily and efficiently addressed by hotel management. This approach creates a supportive environment where employees feel valued and heard. Every year, our hotel actively participates in government-sponsored educational programs designed to introduce students and future professionals to the tourism and hospitality industry. As part of this initiative, we hire between 20-30 students annually, which

represents approximately 5% of our workforce. These students gain hands-on experience in operating a large beach resort, and many are later offered permanent positions after completing their placements. In 2024, our goal is to continue providing these valuable opportunities, helping students complete their training in real-world conditions. We also take part in government-funded training programs that support skill development for workers in the tourism sector. Every winter, all hotel staff are empowered to enhance their skills through these programs. This continuous training helps our team members grow in their roles, gain confidence, and stay updated with the latest industry practices.

Local Community and Tradition

At the beginning of every summer season, the beach adjacent to our hotel is thoroughly cleared of waste to ensure it is pristine and ready for our guests' arrival. Throughout the season, our staff diligently clean the beach daily, ensuring a high standard of cleanliness for all visitors. At the end of the season, the beach is left in immaculate condition, and during the winter months, it is preserved in its natural state.

Our hotel is deeply committed to promoting Cypriot culture and traditions to our multinational guests. We host themed buffet nights, live performances by local artists, folklore dance shows, and music events, ensuring that guests leave with lasting memories and a deeper appreciation of Cypriot culture. Daily, at breakfast, we feature a special section highlighting Cypriot products, with staff available to explain the origins and history behind the ingredients and recipes. Our weekly Cypriot theme night, featuring traditional dishes, folklore dances, and local products, is a highlight for both guests and staff.

In collaboration with the Department of Antiquities of Cyprus, our hotel takes pride in protecting the archaeological monuments located on our premises and in the surrounding area of Amathus. Notably, the conservation of Amathus Tomb No. 2 was completed in January 2019. Our hotel's Welfare Fund Committee organizes excursions for staff to visit local villages, wineries, religious sites, and archaeological monuments, allowing even our foreign employees to experience and appreciate Cypriot culture and traditions firsthand.

Our Guest Relations team actively informs all guests about local events and encourages them to visit key archaeological sites and cultural landmarks around the island. The workshops available through the <u>Heartland of Legends</u> initiative are promoted for guests who prefer a more authentic experience. Through these efforts, we aim to promote Cypriot traditions and customs while strengthening the cultural connection between our guests and the local community. We proudly feature local wines and food products in our restaurants, ensuring that the quality and commercial feasibility of our offerings are maintained while supporting the economic and social development of the local community.





The economic dimension

Amathus Beach hotel focuses to the local and regional economy by following specific actions during its operation.

- · Local suppliers for our food and beverage outlets. 95% of our suppliers are local and make sure that the mutual terms agreed upon with all suppliers and vendors are respected, which bestows the hotel with a great reputation as well as good relations with local vendors and suppliers. The hotel operates through a Suppliers Code of Conduct and the relevant policy extension to notify our stakeholders.
- · Research and Investment in the local area
- · The Hotel's Management has close cooperation with the local community and organizations. The General Manager is a member the of the Cyprus Hotel Managers Association (http://cyhma.com/). CHMA envisions a balanced growth of the tourism sector, aimed at improving performance and increasing the number of arrivals and overnight stays, while improving the distribution of tourism supply throughout the country. The above objectives are pursued within the framework of environmental protection, and with the utmost respect for and promotion of Cypriot culture. Moreover, our hotel takes part in the Ministry of Tourism Awards of Philoxenia which award the display and promotion of the Cypriot culture and hospitality, its best practices and its application to business and society as a whole by diffusing the culture of hospitality staff. The Awards empower practices in tourism enterprises and the respect and recognition of the people of hospitality.