

LOUIS PHAETHON BEACHSUSTAINABILITY REPORT

REPORTING PERIOD: 2020-2022

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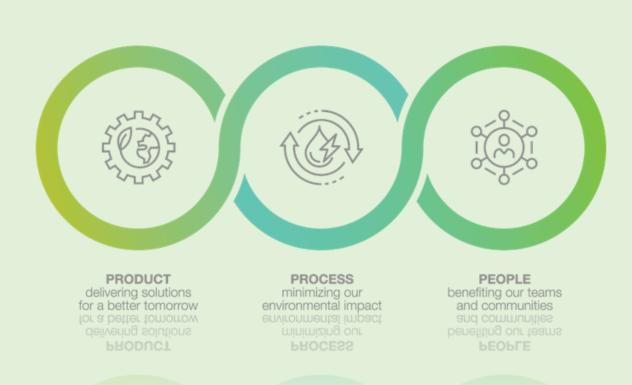
WARM HOSPITALITY AND A LOCAL EXPERIENCE

FRIENDLY SERVICE BY MULTILINGUAL STAFF. CONSTANT INNOVATION

RESPECT FOR THE ENVIRONMENT

RESPECT FOR OUR GUESTS

A culture committed to ensure that our operations will have a positive impact to the environment and the community.





Paphos, Cyprus



• A world of endless possibilities with active holidays that stimulate the body, the mind and the appetite. Relax and unwind in the lush gardens surroundings the pool and match the warm sun with a cool drink.







NEW LOOK SINCE 2020

- In an effort to constantly improve our customers' experiences, Louis Hotels is investing considerably in the renovation of its existing properties.
- More specifically, in January 2020 our famous 4* hotel Louis Phaethon Beach, located in Paphos, Cyprus, underwent major renovations.
- Louis Phaethon Beach fully refurbished all its rooms, the hotel's lobby and its main restaurant.





BREAKFAST LUNCH DINNER

- The Louis Phaethon Beach Hotel offers an all-inclusive package for your beach holiday in Cyprus.
- Enjoy the convenience and carefree solution of all-inclusive starting your day with an extensive and delicious breakfast including hot and cold buffets; salad displays, pizzas, hot and cold snacks for lunch, or convenient packedlunches for your days out.
- In the evening, generous buffets are served in our main restaurant, we also organize exclusive theme nights with Cypriot, Italian, Greek or seafood specialties.
- Also available are children's menus, night snacks, hot drinks, alcoholic and alcohol-free drinks.

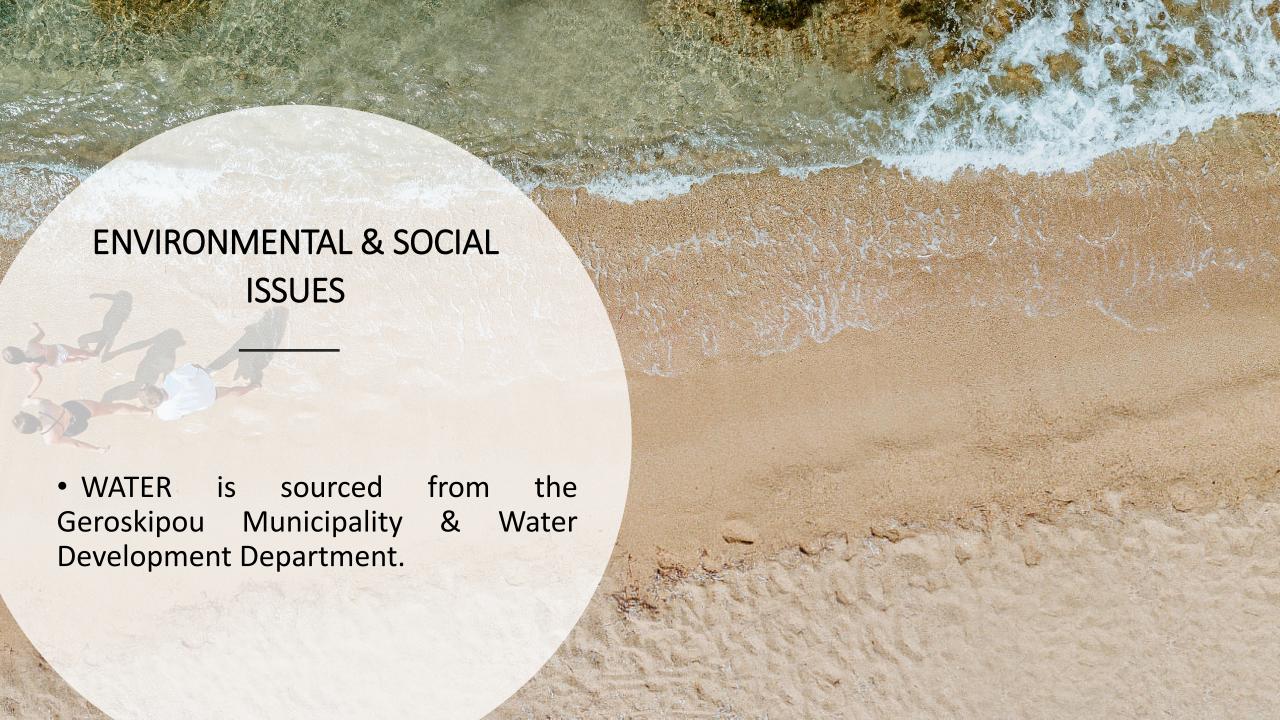






- ✓ A designated Green Team appointed to implement our sustainability policies and standards.
- ✓ Policy documents publicly available for all to see online and on-site.
- ✓ Annually recording and monitoring our progress against set timeframes.





WATER SAVING INITIATIVES



All staff are frequently trained to ensure the minimum use of water and to report any leakages while carrying out their daily chores.



Water saving system for garden irrigation is implemented with weekly irrigation program.



Water flow restrictors installed on all taps in guest rooms and public areas.



Information cards are provided in all guest rooms for reusing towels. Pool towels are replenished every 48 hours.



Information is provided in Information Board, Lobby area Eco Spot, website sustainability report and staff areas notice board for water saving measures.



Daily Maintenance checks are carried out, followed up and rectified immediately on faults and leeks.

WATER QUALITY

High water quality is ensured by the following actions:

- 1. Microbiological pool water analysis is carried out on a monthly basis.
- 2. Chemical pool water analysis is carried out one a year.
- 3. pH and other parameters are being checked daily in all swimming pools and are regulated manually in accordance with supplier instructions.
- 4. Microbiological analysis of potable water.
- 5. Legionella analysis is carried out twice a year.

Irrigation:

Our gardens are irrigated with water provided from Water Development Department.

To ensure sea water quality:

The hotel beach front is cleaned daily, and a beach clean up is frequently organized by the green team. Our beaches are maintained organic as possible without disturbing the area as we have natural sea life which visits the area during specific months of the season.

ENERGY SOURCES

ELECTRICITY

- Electricity Authority of Cyprus supplies our electricity.
- Our Maintenance Department monitors the electricity consumption daily.
- Electricity is used for refrigerators, pumps, lights and all other equipment.

LPG

- Petrolina is our LPG supplier.
- Our Maintenance Department monitors the LPG consumption daily.
- LPG and diesel consumptions are measured and documented.
- LPG is used for our Kitchen Department.





ENERGY SAVING INITIATIVES

- Use of Electrical Lighting System (BMS).
- All new equipment purchased is energy efficient.
- All light bulbs have been replaced with low energy bulbs and LED lighting which reduces electricity consumption (Lighting Control/Dimmer).

- Use of inverted pumps
- Implementing preventive maintenance through the annual maintenance program to reduce energy loss in all machinery
- Daily recording of gas diesel consumption to identify wastages, and extensive consumptions

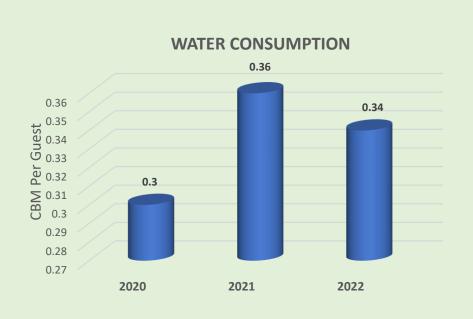


 An automatic timer switch has been installed in our outdoor areas. The timers changed depending on the month and daylight saving.

> Guest rooms are supplied with automatic mechanism (key) switching off lights when leaving the room. Heating & AC do not function if balcony doors are open. Monitoring and adjusting temperatures of AC/Heating in public areas.

 Continuous staff training on how to reduce the consumption of gas and diesel through the right use of equipment.

WATER CONSUMPTION COMPARISON



	2020	2020 2021	
Water	0.3	0.36	0.34
Consumption (M ³ PPPD)	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022
(IVI PPPD)	0.15	0.29	0.35

Our targets has been met for 2022 but not for 2021 due to the covid pandemic. The hotel was closed for the period of:

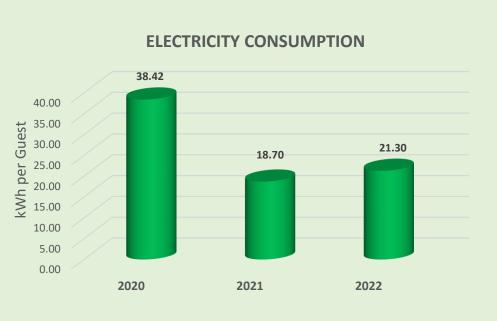
2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

Total Water Consumption:

2020: 62,416 m³ **2021:** 75,193 m³ **2022:** 60,306 m³

ELECTRICITY CONSUMPTION COMPARISON



	2020	2021	2022
ELECTRICITY	38.42	18.70	21.30
CONSUMPTION (KWH	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022
PPPD)	11.57	37.65	18.33

Our targets has been met for 2021 but not for 2022 due to the high demands of electricity during hotel renovations. The hotel was closed for the period of:

2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

Total Electricity Consumption:

2020: 1,726,452 kWh **2021:** 2,330,574.0 kWh **2022:** 3,073,807.0 kWh

LPG CONSUMPTION COMPARISON



	2020	2021	2022	
LPG CONSUMPTION (KWH PPPD)	5.68	5.68 1.80		
	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022	
,	1.76	5.57	1.76	

Our targets has been met for both 2022 and 2021.

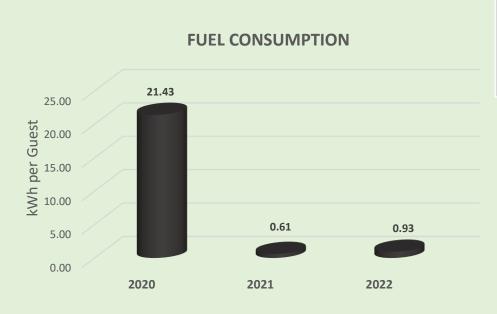
2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

Total Gas Consumption:

2020: 225,716 kWh **2021:** 218,109 kWh **2022:** 27,295 kWh

FUEL CONSUMPTION COMPARISON



	2020	2021	2022	
FUEL CONCUMENTARION	21.43	0.61	0.93	
FUEL CONSUMPTION (KWH PPPD)	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022	
	7.99	21.00	0.60	

Our targets has been met for 2021 but not for 2022 due to the high demands of fuel during hotel renovations. The hotel was closed for the period of:

2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

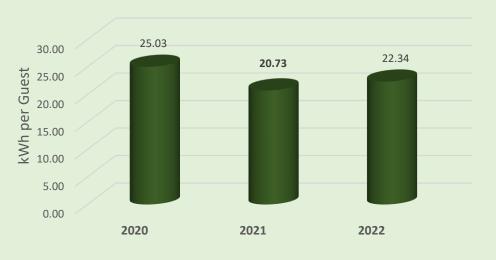
Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

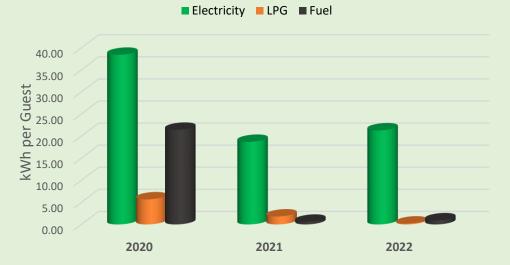
Total Fuel Consumption:

2020: 946,033 kWh **2021:** 63,412 kWh **2022:** 113,444 kWh

TOTAL ENERGY CONSUMPTION COMPARISON

TOTAL ENERGY CONSUMPTION





	2020	2021	2022
TOTAL ENERGY	25.03	20.73	22.34
CONSUMPTION (KWH	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022
PPPD)	20.36	24.53	20.32

Our targets has been met for 2021 but not for 2022 due to the high demands of energy during hotel renovations. The hotel was closed for the period of:

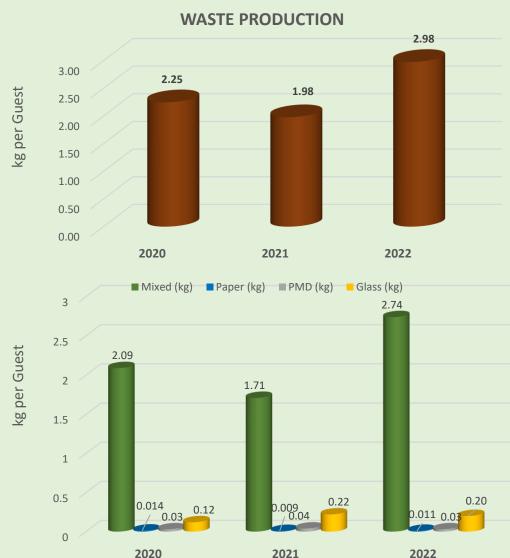
2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

Total Energy Consumption:

2020: 2,898,201 kWh **2021:** 2,622,095 kWh **2022:** 3,214,546kWh

WASTE PRODUCTION COMPARISON



	2020	2021	2022
WASTE PRODUCTION	2.25	1.98	2.98
(kg PPPD)	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022
	1.64	2.21	1.94

Our targets has been met for 2021 but not for 2022 due to high waste production during hotel renovations. The hotel was closed for the period of:

2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

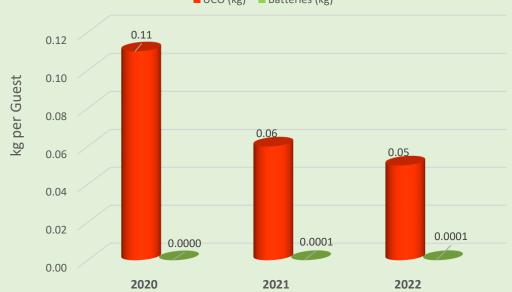
Total Waste production (Not-hazardous):

2020: 100,857 kg **2021:** 206,898 kg **2022:** 315,885 kg

HAZARDOUS WASTE RECYCLING COMPARISON

HAZARDOUS WASTE RECYCLING





	2020	2021	2022	
HAZARDOUS WASTE	0.11	0.06	0.06	
RECYCLING (kg PPPD)	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022	
,	0.03	0.10	0.06	

No spillages or incidents were recorded during the last 3 years.

Our targets has been met for 2021 but not for 2022 due to high waste production during hotel renovations. The hotel was closed for the period of:

2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

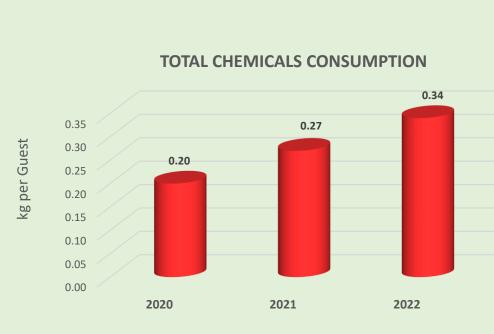
Total UCO Recycled:

2020: 4,940 kg **2021:** 6,431 kg **2022:** 7,491 kg

Total Batteries Recycled:

2020: 0 kg **2021:** 14 kg **2022:** 8 kg

CHEMICALS CONSUMPTION COMPARISON



	2020	2021	2022	
TOTAL CHEMICALS	0.20	0.27	0.34	
CONSUMPTION (kg PPPD)	KPI 2019 - 2020	KPI 2020 - 2021	KPI 2021 - 2022	
(1.5 /	0.132	0.188	0.254	

Our targets has not been met for the year 2021 due to the covid pandemic and 2022 due to high cleaning chemicals demands during hotel renovations. The hotel was closed for the period of:

2020 (April, May, June), 2021 (February, March, April, December), 2022(January, February, December)

Due to the number of bed nights during the years of the pandemic being significantly lower in comparison to previous years, the consumption PPPD has been significantly increased.

Total Chemicals Consumption:

2020: 9,066 kg **2021:** 28,092 kg **2022:** 35,760 kg



WASTE MANAGEMENT

The hotel is connected to the public sewage system.

Waste water is sent to the public biological plant and checked monthly by the government authorities for controlling the legal requirements for BOD and COD.

Procedures are followed to reduce the BOD and COD of the waste water by:

- Collecting cooking oil and disposing through an approved supplier.
- Vinegar is used for cleaning kettles and cutlery.

REDUCING AND MINIMISING WASTE



Recycling

- Glass
- Paper
- Cardboard
- Plastic
- Batteries
- Metal
- Lamps
- Electric devices
- Used cooked oil



Paper Reduction

- Limiting printing amounts
- Using double sided paper
- Avoiding printing in colour.
- Extensive use of emails for messaging



SUP Alternatives

- Reusable polycarbonate cups, paper straws, paper bags and wooden cutlery.
- Reusable porcelain containers for salt and pepper.



Food Waste

- Cook proportionally subject to Hotel's occupancy to avoid food waste
- Un-consumed food from our buffets are sent to staff restaurant.



Suppliers

- Making purchases through bulk wherever possible
- Evaluating and buying from suppliers who operate responsibly on reducing packaging.

CERTIFICATIONS & AWARDS

- EN ISO 9001:2015
- EN ISO 22000:2020
- Travelife Gold Certification in 2020.
- Certificate of Excellence by TripAdvisor for 2020, 2021, 2022.
- Top Hotels Certificate of Excellence "Top 100 Best Hotels Of The world Of The Year" 2020.
- Louis Phaethon Beach received the award for Best Family Hotel category in the Moscow International Travel & Tourism Exhibition 2020 which took place in Moscow by the Russian tour operator Biblio Globus.









Best of the Best







Objectives and Outcome for 2022

• Targets Analysis 2020-2021-2022

Objectives and Outcome for 2022

	YEARLY OBJECTIVES					
#	WHAT IS THE OBJECTIVE?		Performance	OUTCOME		
1	Reduce energy consumption below 20.32 kWh per guest night (↓2%)	•	22.34 Kwh per guest night	Not Achieved due to renovations*		
2	Reduce water consumption below 0.35 m 3 per guest night (\downarrow 3%)	•	0.34 m ³ per guest night	Achieved		
3	Reduce chemicals below 254 ml per guest night. (\downarrow 6%)	•	340 ml/guest night	Not Achieved due to renovations*		
4	Get more involved with the local Community.	•	Weekly Cyprus Nights with music and dance show. Cyprus breakfast corner. Management cocktail party with local drinks. Local lemonade and fruits as welcome. Assisted charities, employees or local resifents in need.	Achieved		

Note*: Our targets have not been met for 2022 due to high waste and energy usage during hotel renovations. The hotel was closed for the period of: 2022(January, February, December)

Targets and goals for 2022

	Environmental targets and goals for 2022			
1	Decrease energy consumption by 2% compared to 2020.			
2	Decrease water consumption by 3% compared to 2020.			
3	Decrease recycling of waste materials by 2% compared to 2020.			
4	Decrease the use of chemicals by 6% compared to 2020.			

Actual performance

Total energy consumption			
Indicator	2020	2021	2022
kWh/guest night	25.03	20.73	22.34

Water consumption			
Indicator	2020	2021	2022
(CBM / guest night)	0.30	0.36	0.34

Waste Production			
Indicator	2020	2021	2022
kg/guest night	2.25	1.98	2.98

Chemical Consumption			
Indicator	2020	2021	2022
Kg/guest night	0.20	0.27	0.34

Targets Analysis 2020-2021

2020 - 2021 Reduction Targets of all Consumptions

		2020 -	2021 Reduction Targets	- % of all Co	ensumption on PPPD			
Electricity	y Gas Fuel Total Energy Water Chemicals Waste							
-2.0%	-2.0%	-2.0%	-2.0%	-3.0%	-6.0%	-2.0%		

								Fuel I	Ltr per				
2020	2021	Electricity Kwh per Guest			Gas Ltr per Guest			Guest			Total Energy Kw per Guest		
Guests	Guests	2020	2021		2020	2021		2020	2021		2020	2021	
		Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual
435,814	291,639	38.42	37.65	18.70	5.68	5.57	1.80	21.43	21.00	0.61	25.03	24.53	20.73

Water	CBM per Gu		Chemicals k	(g per		Waste Kg per Guest			
2020	2021		2020 2021			2020	2021		
Actual	Forecast	Actual	Actual Forecast Actual		Actual	Forecast	Actual		
0.30	0.29	0.36	0.200	0.188	0.270	2.25	2.21	1.98	

Targets Analysis 2021-2022

2021 - 2022 Reduction Targets of all Consumptions

		2021 - 2022	Reduction Targets - %	of all Cons	umption on PPPD				
Electricity	Gas	Gas Fuel Total Energy Water Chemicals Waste							
-2.0%	-2.0%	-2.0%	-2.0%	-3.0%	-6.0%	-2.0%			

2021	2022	Electricity Kwh per Guest		Gas Ltr per Guest		Fuel Ltr per Guest			Total Ene	Total Energy Kw per Guest			
Guests	Guests	2021	2022		2021	2022		2021	2022		2021	2022	
		Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual
291,639	44,897	18.70	18.33	21.30	1.80	1.76	0.20	0.61	0.60	0.93	20.73	20.32	22.34

Water	CBM per G	uest	Chemicals I Guest	Kg per		Waste Kg per Guest			
2021	2022		2021	2022		2021	2022		
Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual	
0.36	0.35	0.34	0.270	0.254	0.340	1.98	1.94	2.98	

Targets Analysis 2022-2023

2022 - 2023 Reduction Targets of all Consumptions

		2022	2 - 2023 Reduction Targets	- % of all Con	sumption on PPPD	
Electricity	Gas	Fuel	Total Energy	Water	Chemicals	Waste
-25.0%	-25.0%	-5.0%	-2.0%	-2.0%	-2.0%	-10.0%

2022	2023	Electricity Kwh per Guest		Gas Ltr per Guest		Fuel Ltr per Guest			Total Energy Kw per Guest				
Guests	Guests	2022	2023		2022	2023		2022	2023		2022	2023	
		Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual
44,897	104,538	21.30	15.98		0.20	0.15		0.93	0.88		22.34	21.89	

Wate	er CBM per Gu	est	Chemicals Kg	g per Guest		Waste Kg per Guest			
2022	2023		2022	2023		2022	2023		
Actual	Forecast	Actual	Actual	Forecast	Actual	Actual	Forecast	Actual	
0.34	0.33		0.340	0.333		2.98	2.68		

Targets and goals for 2023

	Environmental targets and goals for 2023
1	Decrease electricity consumption PPPD by 25% compared to 2022.
2	Decrease gas consumption PPPD by 25% compared to 2022.
3	Decrease fuel consumption PPPD by 5% compared to 2022.
4	Decrease water consumption PPPD by 2% compared to 2022.
5	Decrease waste materials PPPD by 10% compared to 2022.
6	Decrease the use of chemicals PPPD by 2% compared to 2022.

Decrease electricity consumption by 25% compared to 2022.

- Led λαμπτήρες.
- Νέος εξοπλισμός ενεργειακά αποδοτικός.
- Σημάνσεις Switch off policy & έλεγχος.
- Ενίσχυση αισθητήρων κίνησης Κλείνουν αυτόματα.
- Κλείσιμο air-condition από αισθητήρες στα παράθυρα.
- Να ανοίγεται στη σωστή ώρα ο εξοπλισμός.
- Διατήρηση σωστών θερμοκρασιών κλιματισμού.

Decrease gas consumption by 25% compared to 2022.

- Μείωση γκαζιού: να ανοίγεται στη σωστή ώρα ο εξοπλισμός, να μην ανάβεται πιο πριν από την ώρα έναρξης εργασίας.
- Αισθητήρας ελέγχου για διαρροή γκαζιού.
- Έλεγχος για διαρροή από τμήμα Συντήρησης.

Decrease water consumption by 2% compared to 2022.

- Παρακολούθηση και έλεγχο μειωτήρων.
- Έλεγχος για διαρροές οπτικός έλεγχος π.χ. από καμαριέρες στα δωμάτια.
- Καθημερινή καταγραφή της κατανάλωσης νερού από τμήμα Συντήρησης.
- Πληροφόρηση πελατών για εξοικονόμηση νερού π.χ. business room notice board, labels στα δωμάτια.

Decrease solid waste materials by 10% compared to 2022.

ANAKYK $\Lambda\Omega\Sigma$ H (XAPTI, PMD)

- Εκπαίδευση προσωπικού για θέματα συλλογής και ανακύκλωση.
- Αποστολή Ηλεκτρονικά μηνύματα, e-mail για εξοικονόμηση χαρτιού.
- Εκτυπώνονται μπροστά πίσω για εξοικονόμηση χαρτιού.
- Αγορά πρώτων υλών σε μεγάλες ποσότητες ενημέρωση προμηθευτών για αγορά προϊόντων σε μεγάλες συσκευασίες.
- Κατάργηση πλαστικών μπουκαλιών και χρήση ψυγείων με φίλτρο.
- Ενθάρρυνση για μη χρήσης μιας χρήσης υλικών όπως πλαστικά μπουκάλια, μαχαιροπήρουνα.

Decrease organic waste materials by 10% compared to 2022.

Μείωση οργανικών απόβλητων – τρόφιμα

- Καλύτερος προγραμματισμός στην κουζίνα σύμφωνα με την πληρότητα του ξενοδοχείου.
- Show cooking ψήνουμε την ιδία ώρα ανάλογα με τις ανάγκες και την κατανάλωση.
- Οτιδήποτε μένει το καταναλώνει το προσωπικό.

Decrease the use of chemicals by 2% compared to 2022.

- Εκπαίδευση προσωπικού για σωστή δοσολογία και χρήση χημικών.
- COSHH analysis, αξιολογούμε την επικινδυνότητα των χημικών και λαμβάνουμε τα κατάλληλα μέτρα.
- Πλήρης κατανάλωση των χημικών όσων διαλύονται με το νερό.
- Συνεργασία με αδειούχους εξωτερικούς συνεργάτες για συντήρηση επικίνδυνων απόβλητων π.χ. λάδια.

SOCIAL RESPONSIBILITY & COMMUNITY



4) SEMINARS / IN-HOUSE TRAININGS

A/A	DPT	TRAINING	2023	STAFF ATT.	TOTAL HRS
1	FRONT OFFICE	Environmental Issues	4	30 min	2 hours
2	RECEPTION	Environmental Issues	8	30 min	4 hours
3	HOUSEKEEPING	Environmental Issues	14	30 min	7 hours
4	RESTAURANT	Environmental Issues	13	30 min	6.5 hours
5	KITCHEN	Environmental Issues	12	30 min	6 hours
6	BARS	Environmental Issues	12	30 min	6 hours
7	POOL LIFEGUARD	Environmental Issues	4	30 min	2 hours
8	MAINTENANCE	Environmental Issues	6	30 min	3 hours
9	STORE	Environmental Issues	2	30 min	1 hours
10	ACCOUNT	Environmental Issues	4	30 min	2 hours
Total 39.5					

1) ENGAGEMENT: Supporting local and international organizations

ENGAGEMENT

 Member of CSTI: Cyprus Sustainability Tourism Initiative:

Project 'Keep our Sand and Sea Plastic Free – Destination Zero Plastic in Cyprus'

 TUI Sustainability plan reduction of plastic – Travelife CSTI CYB: Cyprus Breakfast

The "Cyprus Breakfast, Kalimera" is a project supported by the Deputy Ministry of Tourism and the Travel Foundation of the UK





LOUIS HOTELS family COLLECTION

LDUIS HOTELS family COLLECTION



This is to certify that
Louis PHAETHON BEACH HOTEL

is an official partner of the

'Keep Our Sand and Sea Plastic Free' project &
has committed to implement measures to reduce
the consumption of single-use plastics













2) EMPLOYEES: Employee involvement and equality



3) ATTAINMENT: Supporting local businesses

ATTAINMENT

- 90% of local supplies
- 10% local supplies hotel operations
- Most of our suppliers are qualified with Quality and Environmental Certifications

4) COMMUNITY ACTIVITIES: Outdoor and Indoor hotel activities

COMMUNITY ACTIVITIES

- Participation in the World tourism day with Cypriot delights
- Participating in Beach clean – ups.







COMMUNITY ACTIVITIES

- Employee interacting trip in Vienna & Milano with the Welfare Fund 2021
- Member Paphiakos Animal Welfare
- Different themes local community (once a week we have Cyprus Night Buffet.





THANK YOU!

Date:16/11/2022

Approval: Paraskevas Paraskeva Signature: P.PARASKEVA