



AQUA FANTASY AQUAPARK HOTEL & SPA ÇEVRE YÖNETİMİ

İLERLEME RAPORU

ENVIRONMENTAL REPORT

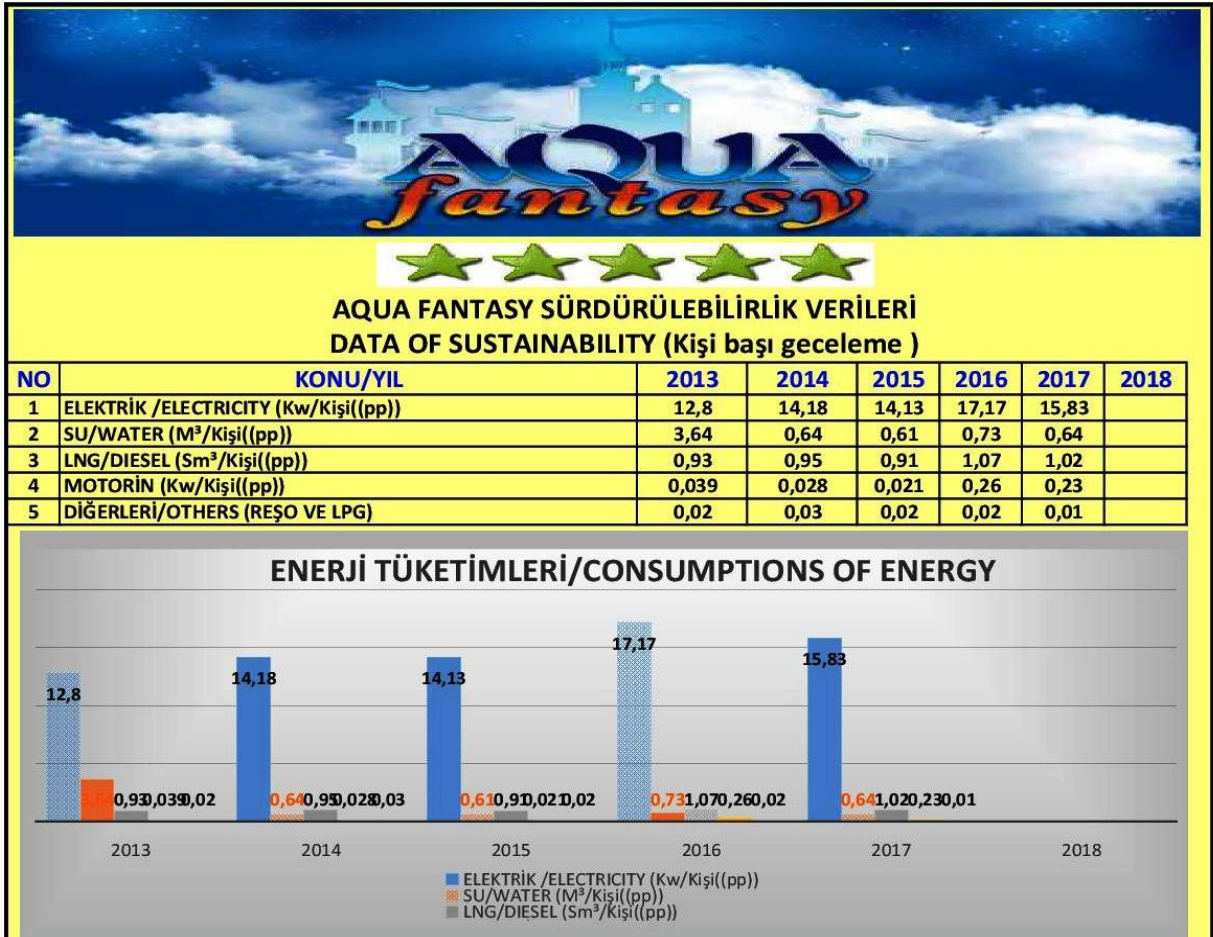
27.11.2017

Our company, with the participation of all employees, to provide a more livable environment for the next generations, to use natural resources efficiently, to comply with environmental laws and to prevent environmental pollution, such as all kinds of environmental and environmental activities to carry out healing activities.
Therefore;

- We prioritize environment-friendly companies in the procurement of products and raw materials.
- We take care to purchase devices with high energy efficiency in the technologies we will use and we work on system transitions and device purchases that will provide energy savings in our renewals every year.
- In order to minimize the damage to the environment, we try to reduce the systems that will cause hazardous waste generation and try to reduce our solid waste production with the use of large packaging.
- With the support of both our employees and our guests, we divide the waste into paper, plastic, metal and glass.
- We try to increase the sensitivity of our employees, local people and our guests to the environment by organizing various environmental activities.
- Our main goal is to develop and continue the requirements of the Travelife Green Star, Blue Flag and 14001 Environmental Management System awards that we have received in accordance with all of our environmental activities.

The negative effects of the plant activities on the environment are tried to be reduced in line with the legal requirements and facility targets.

1. ENERGY CONSUMPTIONS





AQUA FANTASY AQUAPARK HOTEL & SPA ÇEVRE YÖNETİMİ

İLERLEME RAPORU

NOTE: All data are calculated on the basis of all people who pay and do not pay. Even though it appears to be an increase in consumption, it is considered as per person consumption.

2017 EVALUATION OF ENERGY MANAGEMENT:

In 2017, energy efficiency studies continued and due to new investment and operation differences, consumption was reduced and productivity increased.

- *The whole lighting system has continued to change with the LED panel this year, as has been the case in the last year, efforts have been made to make the air conditioning efficient and the design of the air conditioning system has been changed for device efficiency.*
- *An Electricity meter is installed by in the new kitchen panel.*
- *The old equipment in our carpentry department has been replaced with new generation machines .*
- *The automation system of the kitchen equipment, whose periodical maintenance and control is done in the hotel, has been registered to the machine park by giving a number. In this way, the efficiency analysis of the equipment is made and it is possible to determine the low efficiency and the consumption of the ones with high-efficiency devices.*
- *LNG consumption decreased (from 1.07 to 1.02 Sm3 per person).*
- *Hot water production scenarios in mechanical rooms have been changed and efficiency in domestic hot water has been increased.*
- *Renewable sources (solar collector) have been added to gas-hot water-generating points and gas fuel consumption has been reduced.*
- *The tanks and instruments used for the storage of hot water obtained by renewable energy or gas fuel have been checked and insulation leaks have been eliminated.*
- *End of season studies about the Electric and Water concerning leaks, maintenance and replacement points were identified and intervened.*
- *All energy efficiency control and planning studies performed at the beginning of 2017 season have decreased despite the increase in the number of guests and room occupancy. (17,17kw per capita consumption last year was 15,83 this year)*
- *The necessary maintenance and controls are made in the guest rooms and staff toilets in the general area, thus increasing the consumption.*
- *Water leakage was prevented in the Club side that struggled with the result of plumbing inspections. The installation has been replaced.*



AQUA FANTASY AQUAPARK HOTEL & SPA ÇEVRE YÖNETİMİ

İLERLEME RAPORU

- *Water consumption in 2017 declined despite the increase in occupancy compared to the previous year (0.64m3 per person).*

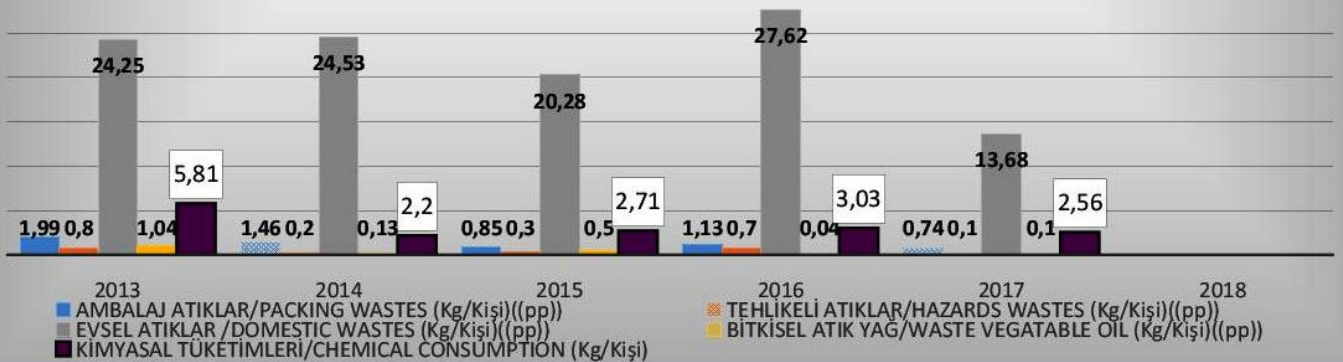
2018 ENERGY MANAGEMENT TARGETS:

- *By changing the main water line in the world hotel, the Control and maintenance will be made more efficient and leakages will be detected more quickly. The 270-meter pipeline will be renewed.*
- *The fuel pump has been calibrated and the consumption is controlled.*
- *All equipment maintained outside the kitchen shall be registered to the technical service system.*
- *When the MV electrical breaker cell cabinet at the facility entrance is worn, extra generator usage has been experienced in the cuts caused by the electrical faults that occurred. This unit will be renewed and the generator-driven consumption will be avoided due to possible malfunctions.*
- *The work of replacing the R22 refrigerated wall mounted type air conditioners in the Club Hotel guest rooms, which are among the targets of 2017, with new generation efficient split air conditioners on the basis of block will continue.*
- *Complete the scenarios of energy-consuming systems and provide system-based controls.*
- *To monitor the periodic maintenance.*

2. WASTE AND CHEMICAL CONSUMPTION

NO	KONU/YIL	2013	2014	2015	2016	2017	2018
1	AMBALAJ ATIKLAR/PACKING WASTES (Kg/Kişi)((pp))	1,99	1,46	0,85	1,13	0,74	
2	TEHLİKELİ ATIKLAR/HAZARDS WASTES (Kg/Kişi)((pp))	0,8	0,2	0,3	0,7	0,1	
3	EVSEL ATIKLAR /DOMESTIC WASTES (Kg/Kişi)((pp))	24,25	24,53	20,28	27,62	13,68	
4	BİTKİSEL ATIK YAĞ/WASTE VEGATABLE OIL (Kg/Kişi)((pp))	1,04	0,13	0,5	0,04	0,1	
5	KİMYASAL TÜKETİMLERİ/CHEMICAL CONSUMPTION (Kg/Kişi)	5,81	2,2	2,71	3,03	2,56	

ATIK MİKTARLARI/WASTE AND CHEMICAL AMOUNTS



İLERLEME RAPORU

WASTE MANAGEMENT 2017 EVALUATION:

- In 2017 season, non-hazardous wastes were disposed with a licensed company. Due to the termination of the agreement with the Municipality of Seljuk Ecorek did not want to take the waste, but a different company (Özmüşler) was found. This company, which operates within the boundaries of Kuşadası, did not want to take it in a different municipality. However, as a result of our determination to eliminate waste in line with our sustainability and environmental policy, a solution has been produced by ensuring that the procedure is overcome.
- The direct authorized company was contacted for medical wastes and the waste declaration was delivered. As a result of the closure of ATEN company every year, SUREKO and LİON were given to the companies. Our electronic wastes were delivered to EAG company.
- At the beginning of the season and in the other months, training was given to the personnel about the separation of the packaging wastes and the practices of the personnel were monitored continuously.
- All waste amounts decreased compared to the previous year.
- Large packagings and products were continued to be collected through negotiations with suppliers and changes in the purchasing policy.
- Hazardous and packaging waste points have been improved and conservation efforts continued. Lpg tubes, also in a small amount, have been kept in the hazardous waste area which has been removed from the guest areas.
- Separate and protected space for the small diesel tank, which is unprotected at the northern gate.
- Hazardous waste liability insurances are also made this year.
- Waste from the kitchen and other dry waste continued to be recorded. The municipality was interviewed and measured over kg according to months and studies were carried out to reduce it.
- Dangerous and Domestic waste data decreased.
- Waste oil company continued this year with Kolza. Vegetable waste oils are recorded and recorded with measurement kits instead of visual inspection method. There is a significant decrease in the amount of waste oil due to the decrease in occupancy rates. The process in the decomposition point will be carried out for more efficient operation in the next season.
- Waste batteries will be collected and delivered to TAB as last year



AQUA FANTASY AQUAPARK HOTEL & SPA ÇEVRE YÖNETİMİ

İLERLEME RAPORU

TARGETS OF WASTE MANAGEMENT 2018:

1. In order to reduce the use of chemical fertilizers, organic fertilizers from the garden litter or company should be researched and given to the company
2. It is aimed to reduce **the packaging wastes** to less than **0.65 kg / pp** in relation to the occupancy rate compared to the previous year.
3. It is aimed to keep **hazardous wastes** below **0,02kg / pp** in relation to occupancy status compared to last year.
4. It is aimed to keep **the vegetable waste oils** below **0.02 kg / pp** in relation to the occupancy rate compared to the previous year.
5. It is aimed to reduce **domestic wastes** to less than **13,00 kg / pp** in relation to occupancy status compared to last year.
6. To keep **all waste** below **15kg / pp** in connection with occupancy status
7. Reduction of **chemical use** by 5% in terms of department.
8. **The delivery of machinery waste oils to the authorized company will continue.**
9. In order to make the separation of all wastes more effective and to reduce the amount of waste, meetings with related departments are started from the winter period and the total amount of all wastes will be reduced by 2% within the next 3 years.
10. To prevent environmental pollution, we put concrete around the diesel tank for protection.

GENERAL RESULTS AND EVALUATION

- Environmental trainings are provided to our employees in line with the annual training programs. The trainings include topics such as reducing the consumption of natural resources, reducing and correctly separating waste, and what to do about hazardous wastes. Trainings are carried out both internally and externally. In the past year, the training of our employees, who were given periodically by our Environmental Officer and Energy Manager, has been ensured to raise the awareness of all our employees. In addition, chemical trainings were taken from our suppliers and it was ensured that employees using chemicals were provided with the standardization of chemical consumption.
- Environmental sensitivity is also evaluated in the selection of the suppliers we work with. In this regard, companies that have documented their environmental sensitivity studies with other criteria are being preferred. Companies with ISO 14001 or equivalent certificates come first in the selection of suppliers. Environmental regulations and new trends are followed and shared with the suppliers and they are requested to make changes in their workflows to meet these requirements.
- Larger packaged products are provided for the purpose of reducing waste, and the use of small weight products is not preferred except when necessary. In addition, reusable products are preferred when possible, instead of deforming materials such as textiles which are worn over time, they are donated or reduced to those in need and used for different purposes. In this context, some of the furniture and furnishings that were not used in the past year were donated to various institutions.
- In order to reduce hazardous wastes, instead of fluorescent lighting which includes mercury and shorter life cycle, we started to use long lasting led lighting.
- By increasing the number of battery boxes in our facilities, it was ensured that both our employees and our guests contributed to the disposal of hazardous wastes without interfering with the nature.
- In order to reduce energy consumption, devices with high energy efficiency are taken care of. In addition, device and system changes are made gradually in the context of transition to environmentally friendly technologies.

İLERLEME RAPORU

- Folding sunshades were installed in the terrace, so that the sun's rays were used in the most efficient way.
- Along with the renovation of the boiler room mechanical installation system;
- All faulty valves have been replaced and installation leaks have been prevented.
- Kitchen lighting, roof lightings, parking lot lighting and some lighting in the rooms are converted into LED systems.
- It is provided to reduce the amount of waste by using defective / stained textile materials as laundry cloth.
- Stained sheets were converted into pillow cases during the winter months and the waste amount was reduced.
- Use of duplex printing is possible.
- A procedure for multiple editions has been created and replication practices are made.
- The materials, tools and equipments that will not be used (sunbeds, TV, bed etc.) are not disposed of, they are sold or handed to the needy for re-use.
- Studies are carried out to increase the environmental awareness of our guests. In this context, environment cards have been left in the guest rooms and the guests have been made aware of what our facility is doing in the sense of protecting the environment and awareness of what they can do. In addition, we organized various environmental activities within the children's club activities in a facility with a high number of children's guests, contributing to the development of environmental awareness of our children from a young age.
- Studies are carried out to prevent the damage of thousands of trees in our facilities in the event of a fire. In this context, employees were given fire training. Emergency teams were formed and fire drills were organized. The number of fire stations has been increased.