



SUSTAINABILITY REPORT 2018-2019

MEASURES OF ENERGY SAVINGS TAKEN SINCE 2017

- We have proceeded to eliminate 2 boilers from the Hotel Saturno. Now the production of ACS takes place exclusively in the Hotel Jupiter.

- In June of the year 2017, a test was carried out with the company Aqualimit, which installed some flow limiters in the basin, shower and bathtub taps.

At the end of the season, the effectiveness of such equipment was not proven, as no savings were shown in water consumption. We are now pending on the installation of meters, only for the consumption of water in rooms due to the fact that currently we can only know the consumption in the following areas: Swimming pools, irrigation gardens and reverse osmosis plant.

Once these counters are placed we will leave a hotel in order to investigate the difference between one and the other.

- Gasoil has been eliminated. New burners have been installed that work with natural gas. This resumes to less pollution.

- A pipe has been installed that connects the three buildings for the supply of treated water. This will be for use in the tankers of the toilets if the City Council of Alcudia manages to distribute it one day.

- Now that we have the gas burners, the heat recovery of the chiller has been switched off to reduce the electricity consumption by lowering the COP.

- **During the 2018 season**, a new machinery control and management system has been placed.

With this improvement we can remotely control the following facilities:

- Air conditioning chillers
- Cold water impulse pumps.
- Boilers
- ACS accumulator tanks
- Set temperature of air conditioning and hot water.
- Temperatures of kitchen chambers with alarms in case there is a door that is not properly closed.

- **Also during that season**, electrical consumption analysers have been placed in the following areas:

- Buffets restaurants
- Buffets cocina vista
- Kitchens
- Chiller machines
- Cooking ovens
- Dishwashing machines
- General electrical panels
- Cooking cameras

- In 2018, we have improved the staff dressing room and have installed some presence detectors in order to save electricity.

- A contract was signed with the company MD Asenerval, which is responsible for issuing monthly a detailed report of the electrical consumption. With this report we can find out the peaks of hourly consumption, the excesses of consumption (an alarm is triggered when it occurs), updated rates ... etc.

- All the luminaires in the Marte Hotel Lounge have been replaced, from PLP luminaires with 17 W consumption to 7W consumption LED luminaires (in total 70 luminaires).



- In winter 2017, a water softener was installed in the Hotel Saturno to improve the water quality and avoid limescale incrustations in the faucets. To date today the result is excellent and it is very likely that during this next winter 2018-2019, we will do the same with the hotel Marte and Jupiter.
- Club MAC is part of the Sustainable Indicators, where we can evaluate the evolution of energy consumption, water, as well as CO2 emissions. (www.sostenibleXXI.es)

MEASURES WHICH WILL BE TAKEN FOR 2019

- Water softeners will be in place in the Hotels Marte and Jupiter (last year we already put some in the Saturno hotel). It will help to improve water quality and avoid limescale in pipes and taps.
- LED fluorescents will be installed in the kitchen of the hotel Jupiter
- The last dichroic spotlights left in the rooms will be replaced(+450)
- The Jupiter dishwasher will be replaced for a more efficient one

Finally, in 2019, our intention is to improve even more and we are studying how we can reduce the plastic waste that we generate, studying more ecological alternatives.

CLUB MAC AND THE COMMUNITY

- In 2018, we have delivered to the “**Dexailles Foundation**” 36 prams.
- We have collaborated with FEHM in the “**operation kilo**” and contributed in the donation of 400 kilos of food.
- Club MAC is part of the program “ **Hoteles Amigos**” together with **UNICEF**. In 2017 we have donated around 6500€ and in 2018 around 4000€. Every year, we celebrate on site the **UNICEF** day and organise activities in order that our guests as well can participate and donate.
 - In 2018, we have cooperating with the institution “Nazareth”, offering the opportunity for 9 children to enjoy all our activities and installations for a day in the summer and we have offered this institution 4 new bicycles.

CLUB MAC AND THE ENVIRONNEMENT

In 2017, we celebrated on site with our guests the **international day of the tree** and we planted various trees on that special occasion and last year we organised the **environmental day**, making our guests participating in various ecological games and showing them how to be eco-friendly.