

Thalassa



Blue & Green

The environmental Program of Thalassa Beach Resort

The Sea can be Green

Dear Guests,

The environment is all we see, here, smell, touch, and breathe. The environment is not separated into "mine" and "yours". Respecting the environment is something that concerns everyone.

Thalassa Beach Resort was constructed with light to being friendly towards the environment both with its physical presence and overall operation. This is certified by the recognized certification body Bureau Veritas Certification in accordance with the International Standard of Environmental Management System ISO 14001

Blue & Green is the environmental program of Thalassa Beach Resort. A program, live as the environment: Based on basic rules but always improving always updating. It exists to remind us the balance between high quality services and respect to the environment.

The aim of Thalassa Beach Resort is to provide our guests with quality services, comfort and luxury without harming the environment. In the following pages we are listing a number of ways in which we try to achieve this goal and at the same time how you could contribute to our effort during your stay at Thalassa Beach Resort.



Blue & Green aim:

Energy Saving

Lighting

The Hotel was constructed with large doors and windows, skylights and light colours were used in all surfaces in order to take advantage at the maximum natural lighting minimizing the use of electric lighting fixtures.

Activation of electricity inside the rooms only through the room key card.

All the electrical power inside the room is active only when guests are located in their rooms. When leaving the room guests takes away the card key of the room and cuts off all electricity supply achieving energy saving and safety.

Lighting activation in communal areas via motion detectors

- Public toilets
- Outdoor Pool toilets
- Staff Toilets
- o Gym toilets
- Underground parking
- Staff restaurant

Miscellaneous

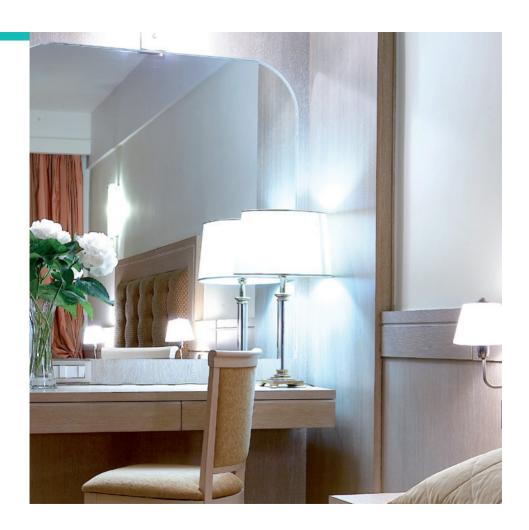
- o Implementing daily program in accordance to solar lighting to all other public indoor and outdoor areas
- o Guideline to our guests for the use of required lighting per occasion inside their room
- o Gradual replacement of light bulbs with economy lamps

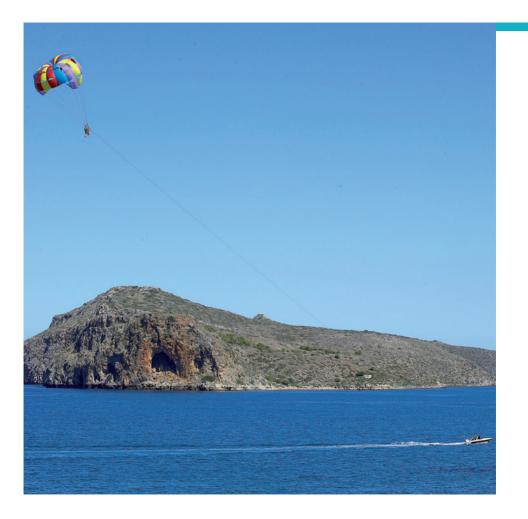
Use of timers for the operation of:

- o Lighting within outdoor pool
- o Lighting inside and outside of external lift along with its ventilation

Blackle

Use of search engine Blackle (www.blackle.com) instead of Google and set Blackle's homepage as a start page when logging on internet on all hotel computers. Blackle due to its black consumes less energy from the computer screen.





Air-conditioning – Ventilation

Minimization of energy expenditure and pollutants released in the atmosphere for air conditioning and ventilation in the Hotel:

- o The Hotel was constructed with thermal insulating materials in the building walls and the rooms along with thermal double glazing in frames, in order to avoid changes in temperature of the indoor air and thus minimize the need to use air conditioning units.
- o The installation of two automated sliding doors on reception level helps minimize the loss of air conditioned air avoiding changes in temperature indoors.
- o Guideline to guests to have minimal possible use of the air conditioning in their room maintaining a standard temperature of 24oC.
- o System disruption of air conditioning in the rooms when balcony door opens.
- o Operation and adjustment of air conditioning thermostats in all communal indoor areas, maintaining a standard temperature of 24oC.
- o Implementation of a daily program for the hours that the air conditioning and ventilation is in use in the communal areas
- Use of timers and thermostats operating:
 - Ventilation of public toilets and room toilets.
 - · Ventilation of storage and other auxiliary spaces.

Hot Water

Operation of an array consisting of 57 solar panels for producing hot water through solar energy. Water is collected in insulated containers covering a large proportion of the daily needs for hot water. This way the use of burners is minimized.

Water Saving

- Filter installation to fit all taps and showers in order to increase the pressure of running water and simultaneously reduce the quantity needed
- Photocell activated taps in public toilets
- o Controlled flusher flow. Flushers flow of water in the room and public toilets can be stopped by pressing the button in the upstream position so as to use as much water as really needed
- Watering the garden of the Hotel with non-potable water coming from drilling

Washer Consumption

- o There is printed information in all our hotel rooms in the form of card form which can be placed on the bed when the customer wishes for the linen to be changed so as even lesser washes are achieved
- We encourage our guests to place dirty towels that need washing in the bathtub in order to avoid unnecessary change and wash of towels
- We provide all our guests with Beach towels and recommend to keep them up until they need washing and not to return them for fresh every day.







Recycling

Paper

- o Print pages on both sides. Sheets of paper that have been used on one side are recycled by being used to fax machine, the photocopier and all office printers
- Also, sheets of paper being used on one side are cut evenly into 4 smaller pieces and turned into small note pads instead of "post it"
- Under each e-mail sent a brief reminder is included stating "Think before you print" in green letters so as to alert the recipients not to print and spend paper and ink unnecessarily
- o Specific sorting bins for paper are placed in all the hotel offices
- o Paper used in all toilets (public & rooms) and kitchen comes from recycled paper
- Unfinished toilet paper from guest rooms is used in our staff toilets

Glass

Glass bottles are preferred for water and refreshments since they can be returned and reused.

Aluminium / Plastic / Metal

Catering waste

- Catering waste of vegetable origin is available to farmers of the area to use for feeding domestic animals
- All other type of catering waste is collected daily from municipality of Nea Kydonia for composting and landfill
- o Collection of the aforementioned materials is made via three stations with corresponding bins, in the outdoor pool and beach area. Collection of these materials is also made by our staff to all relevant departments including maids in guest rooms

Special Materials:

- o Electrical and Electronic appliances
- o Light bulbs
- o Batteries up to 1 kg (collection is made in a special bin in the reception area)
- Car batteries
- Waste oils
- o Cooking oil
- o Use of refillable printer inks.

All above materials are collected by our staff in special containers and disposed periodically to certified subcontractors for recycling

 Effluent wastewater: Our sewage is connected to the central drainage system of Chania -Kolymbari where biological treatment is operational

Other Actions

Construction, maintenance and cleaning materials that is environmentally friendly

Systematic maintenance and monitoring for the proper operation of all machinery of the hotel (air-conditioning units, boilers), in order to achieve low energy consumption and maximum performance.

The construction materials, maintenance and cleaning of the hotel is environmentally friendly:

- · Paint on surfaces is water dissolved
- · Machinery coolant which does not degrades the atmospheric ozone
- · Cleaning detergents that are biodegradable

Miscellaneous

- o We prefer co-operating with companies and suppliers that are certified with ISO 14001.
- o We purchase raw materials in large packs or in bulk and generally avoid small packages.
- \circ $\:$ We prefer local products from local producers which need less transportation less energy consumption.
- \circ $\:$ We train all our members of staff about environmental issues and how to adapt their work on the basis of our environmental objectives.

How you can participate to the Blue & Green Program?

- Ask for linen change every 3 days (for long stays) and place dirty towels within the bath if you wish for them to be replaced.
- o Use only the necessary lightning in the room and switch off the light of the toilet after its use.
- o Turn off electrical power during your absence from the room (key card).
- o Turn off taps when shaving or brushing your teeth.
- o Check the water needed to be run from the toilet cistern and stop it if no more is needed.
- o Prefer a quick shower from a bath in a full bathtub.
- o Recycle your empty batteries to the special recycle bin located in the reception area.
- Use the recycling bins located on hotel premises to recycle any waste that can be recycled.
- When you are spending time in the balcony of your room, close the door behind you so as not to lose the air conditioning.
- Do not leave rubbish on the beach.



What can you do for the environment in your daily life?

We list some actions that we can all take in order to harm less our environment in our everyday life:

When shopping:

- o Try to use alternative modes of travel like buses, trains, metros, trams, trolleys, bicycles or . . . walking. Keep with you a fabric bag for shopping. Avoid plastic bags and prefer paper.
- Beware of packaging in the products that you buy. Glass packaging it is believed to be less harmful to the environment than plastic and aluminium packaging.
- o Avoid one-way packaging. Prefer the returnable bottles and packages.
- Reduce waste prior to purchase the products you are interested in preference to small and environmentally friendly packaging.
- o Prefer purchasing refreshments in returnable glass bottles.
- Avoid chlorinated plastics. Prefer papers that have not been previously bleached with chlorine.
 Avoid all products containing chlorine or its produce. Look for the recycling logo on products you buy.
- o Avoid products containing genetically modified organisms.
- o Do not buy very small fishes. Give nature a chance to reproduce. Support local agricultural markets. Experiment with vegetarian meals preferably of biological origin.

At Home:

- Use reusable containers for food storage in your fridge rather than covered with aluminium foil.
- \circ $\;$ Use detergents that do not contain phosphates. Remember to turn off lights if you do not need them.

- o Do not leave your TV, stereo or other electrical devices in standby mode (stand-by). You will be surprised of how much energy they consumption in this mode.
- o Use rechargeable batteries
 - Prefer a shower from a bath.
- o Do not keep the tap open continuously when washing, shaving or brushing your teeth.
- o Install flusher of dual flow control. From the flushers, preferable are those in which the flow depends on length of pressure on the special button.
- o Another option is the choice flushers with small and large flow (usually 3 and 6 litres, respectively). The flushers with steady flow 6 litres or 9 are not recommended.
- o Be cautious when you buy appliances. Many electrical appliances (refrigerators, washing machines and dishwashers, electric cookers) should indicate their energy performance. Prefer devices that belong to category A or B. Find out about the performance of the device you are interested in buying Perhaps ultimately it will cost you a fortune in electricity bills?
- o Use household appliances such as washing machines and dishwashers with certification for water and energy. These devices consume a third less water than others.
- o Select an efficient watering system depending on the size of the area (for larger, communal gardens drip watering system or an underground system is recommended). The other areas (garage, walkways) it is better to absorb the rain water in order to build the Aquifer. Collect the rain water in buckets and use it for watering your plants. This saves water by either the network or from municipal wells.
- O Customize your dress habits according to season, even inside the house. The clothing is the insulation of the body. Open the curtains and sun blinds on the south windows to allow the sun to come indoors. Air tight the frames. It reduces heat losses and improves thermal comfort conditions. With good insulation substantial economies in energy and money is achieved. Insulate the roof, the garage, the boiler, external piping and central heating. Maintain the heating installations at the end of each winter. This improves performance, reduces fuel consumption and air pollution and equipment have longer life.



Our activities for the environment do not stop here. We constantly keep informed of new processes which can help towards the conservation of the natural environment and through the operation of the hotel we try not to penalize it on the contrary try to help. For any additional information or clarification on our activities for the environment or for your

own suggestions we are always at your disposal.

