

# The Little Green Book



Evason Ana Mandara - Nha Trang



EVASON  
ANA MANDARA

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NHA TRANG

## **SOCIAL AND ENVIRONMENTAL SUMMARY**

### **Energy Conservation:**

- Hot water heated by Solar Thermal Panels
- High Voltage Electrical Cables to reduce power seepage
- Energy efficient lighting and bulbs

### **Water Conservation**

- Self Sufficient Water System from water well
- Water efficient gardening system

### **Waste Reduction**

- Waste separation and recycling in our recycling corner
  - Separation of paper, plastic, metal, glass, food waste, garden waste and toxic waste
  - Used battery collection and recycling
- Natural rubbish bags; potato bags rather than plastic
- Shredding and Composting of all garden waste
- "Eco- labeled" recycled printer paper with "both side" policy

### **Chemical Reduction**

- "No Bleach" policy
- Thinning of cleaning chemicals in laundry and utilization of biodegradable detergents where possible
- Unbleached and naturally dyed cottons
- Saline and ionization pool cleaning system - no chlorine
- Re-chargeable batteries replacing alkaline batteries

### **Construction and Design**

- The Resort furniture is locally sourced from small producers using wood from sustainable sources
- Drift wood and other recycled items are used in decoration
- Curtain produced from local natural materials
- Natural ventilation used in all Resort areas as much as possible to reduce power wastage from AC

### **Landscape and gardening**

- Local plants and fruit trees used in all garden areas
- Planting softens building impact and provides natural shading
- Herb Garden cultivation of herbs for Restaurants and Spa

### **Social Contributions**

- 0.5 % of the Resorts total revenue is donated to the local authority for social projects
- Ongoing support for local charities and organisations
- Care for children in the community

### **Environmental Contributions**

- The Carbon Offset Program; we lower emissions to counter against our guests' airplane journey

## OUR SUSTAINABILITY POLICY

As part of the Six Senses overall international environment policy, Evason Ana Mandara is committed to reducing the environmental and social impacts of all its operating activities.

Our core purpose is to create innovative and enriching experiences in a sustainable environment whilst continuously striving to reduce the impact on our surrounding environments.

We are committed to sustainable development; specifically the protection and generation of both the environment and communities in which we operate.

Through the development of our Holistic Environmental Management Program, we are committed to monitoring and continually improving our sustainability.

The Six Senses has identified a team of key individuals to drive our Holistic Environmental Management Program and has established the following objectives to be met during both construction and operation of our entire company's world wide operation.

- To meet or whenever possible exceed the local legislative environmental requirements and to set our own group-wide minimum standards
- To reduce resource consumption and waste generation through possible waste-reducing purchasing policies, reuse, recycling and composting programs
- To responsibly manage and protect water resources
- To promote awareness of sustainability amongst hosts, guests, local communities, suppliers and business partners; through training programs, regular environmental awareness events and engaging business partners directly

- To donate 0.5 % of revenue to projects which benefit both the local and global community and environment
- To address the issue of climate change through both energy management and as part of each resort's management policies; avoidance of fugitive emissions of CFCs
- To regularly monitor our environmental impact, developing action plans through regular environmental meetings and monitoring of Key Sustainability Indicators
- To prevent any escape of hazardous substances into the environment and to phase out the environmentally damaging products as soon as benign alternatives are practicable
- Purchase of local, environmentally friendly, socially, responsible products; especially items representing fair trade and organic production
- To strictly avoid the use of products derived using unnecessarily cruel or environmentally destructive methods and/or those derived from any endangered species
- To engage local community and actively employ local hosts and service providers wherever practicable
- Boost integration in social and environmental concerns
- To continually preview and improve Six Senses' Holistic Environmental Management Program

## **Environmental Recognition**

We recognize the importance of letting outsiders evaluate our environmental performances in order to make sure we are doing the right things and to get suggestions for improvements. For this reason, the Evason Ana Mandara has gone through the process of eco-labeling

## **HELP US BECOME MORE SUSTAINABLE**

Whilst we try to design our room and facility to save energy, we need your help to further reduce water, energy and resource consumption. We have outlined our environmental practices below and kindly suggest how you can help us become more sustainable. Moreover, we are constantly striving to ensure harmony with our environment, and as such we have created a number of innovative and enriching experiences in a sustainable environment, which you can find under each section.

### **Energy conservation**

Producing energy usually creates pollution and is the biggest cause of global warming. At Six Senses and the Evason Ana Mandara we are working on several projects to upgrade our systems to reduce our energy usage and to use renewable energy. At the Evason Ana Mandara an energy monitoring system with peak control has been installed to monitor our energy consumption; the system ensures that we constantly remain as efficient with our energy as possible. We have also installed a main and sub feed metering system to control energy usage around the property and we ensure that all lighting circuits are constantly controlled in addition to energy saving light bulbs.

You can help us reducing energy by:

- Open the door and enjoy the fresh air from the sea-wind in the cooler parts of the day
- When using the AC keep the temperature as high as comfortably possible
- Use less bedding in the evening and leave the AC off
- Follow some Laundry tips - below
- Avoid leaving any water taps running where possible; especially hot taps

## **Water conservation**

Water consumption is a paramount concern at Evason Ana Mandara as much of our water comes from the governmental distribution system.

Water saving measures such as "push" valves and water saving shower heads have been installed.

All the waste water flows into the sewer of Nha Trang where it is treated and recycled for farming; ensuring that no waste water is discharged in the ocean.

## Waste Reduction

Waste, garbage, trash, rubbish, whatever you like to call it, is a huge cause of environmental degradation. We take an active and serious responsibility for the disposal of all our waste. Every measure is taken to ensure that none of our waste is dumped in any countryside areas or more importantly dumped illegally offshore.

We continually monitor how much rubbish we produce and ensure that all necessary steps are taken to reduce any increase. We have informed all our suppliers to reduce packaging when delivering supplies and use most packaging many times before discarding. Our printing paper is eco-labeled and often recycled and we have an in house "both sides" policy. Natural rubbish bags, such as potato sacks, are used to reduce plastic waste.

We have created our own recycling corner where waste is separated into paper, plastic, metal, glass, kitchen waste garden waste and toxic waste.

All our food waste from the kitchen and restaurants is sold to a farm and the composting program ensures that all biodegradable waste from these activities is being reused in our landscape and gardening.

The hosts at Evason Ana Mandara are involved in several environmental initiatives working with the local people on clean up projects collecting litter.

Batteries and any electronic equipment release very harmful and toxic chemicals into the air and water when they are discarded.

There is no facility to recycle used batteries or electric equipment in Vietnam and we kindly ask that you return these items to a recycling unit in your home country or place into the box in the Gift Shop.

We kindly advise you not to use airport luggage plastic sealing facilities, as it creates a large amount of unnecessary wastage.

## Chemical Reduction

The Evason Ana Mandara has a "No Bleach" policy and we use only unbleached and naturally dyed cottons and fabrics throughout the resort.

In our swimming pools we use saline and an ionization pool cleaning system to reduce the use of environmentally damaging chlorine.

We use rechargeable batteries wherever operationally possible instead of alkaline batteries. We use recycled engine oil to treat and darken some of the external wood constructions around the resort. Paints and other oil based chemicals are limited in use as part of our environment awareness program.

There is a generous amount of flame lighting throughout the resort; we recycle our discarded cooking oil to use as fuel for these burners.

Our laundry uses an automated filling system to ensure that only the required amount of chemical is used. We share a central laundry working for the whole group of Evason Ana Mandara, Six Senses Hideaway and Sunrise.

We reduce the amount of detergent used and utilize as much biodegradable detergents as possible.

If you would like to use your towels more than once please kindly leave it hanging and if you would like it to be laundered then please place in the rattan basket. If you would like to have your sheets changed every day we are happy to provide this service; if you would like to keep the same sheets then please leave the pebble on the bed.

## **Construction and Design**

Wood in the furnishings is locally sourced from small producers using wood from sustainable sources in forests with replanting policies.

We do not use any wood from endangered tree species, but rather from managed forests of easily growing trees or recycled wood. Driftwood and other recycled items used in decoration around the resort to further try and cut down on deforestation.

Double glazed windows are used to reduce heat transfer from external environment into accommodation and public areas; energy efficient water heating system ensures low wastage.

Natural ventilation is used in the lobby and restaurants to avoid high consumption of energy and provides a healthier alternative to AC.

The Main reception and Spa area both have moving water, fish ponds and small water falls; this water is used to cool the treatment rooms, Spa reception and main reception.

## **Landscape and Gardening**

For the most we have chosen local plants and fruit trees in order to try and regenerate a tropical flora within the grounds of the resort (see picture).

Some areas have been planted with the intent to create shade both from the sun and from noise created by the traffic. We use only well water for the gardens and no water that comes directly from the inbound water supply.

We have created a natural haven for much local wildlife within the resort.

## Herbal and Vegetable Garden

We have also recently planted our own herb and vegetable garden within the grounds of the resort just next to the Spa. The herb garden has an intriguing array of various herbs and vegetables that are suitable to be grown in this climate.

No insecticides are used in the herb garden and all the soil is generated from the compost heap.

All the herbs we use in our Spa and Food and Beverage are freshly picked in the herb garden. All the herbs are cultivated with 100% natural products and we ensure absolute quality of the final product. Not all the herbs are used in cooking but many of the herbs are grown for their beautiful foliage, delicate flowers or pleasant aroma.

When used in cookery, the herbs are first washed with potassium permanganate to kill any bacteria that may be present

- ❖ Aloe vera
- ❖ Lemongrass
- ❖ Polygonum
- ❖ Spear mint
- ❖ Pandanus  
amaryllifolius
- ❖ Basil
- ❖ Ceylon spinach
- ❖ Egg plant
- ❖ Piper lolot
- ❖ Chives
- ❖ Radicchio
- ❖ Hot chili
- ❖ Sawtooth coriander
- ❖ Morning glory
- ❖ Perilla
- ❖ Salad
- ❖ Field cabbage
- ❖ Chinese flowering  
cabbage
- ❖ Mustard
- ❖ Mint
- ❖ Amaranth
- ❖ Okra

Pick your own herbs with one of our host's advice and use in a cooking class.

## Natural Surroundings

The Evason Ana Mandara is located on our private beautiful beach, in the city, we are currently looking for a marine biology intern who will continue educating our hosts and will conduct environmental monitoring programs in the local area.

In order to keep the local nature in an ecological balance and the organisms healthy, you can take a few easy steps during your diving to help us:

- Please do not touch anything under water. Many animals are sensitive to touch and can easily be damaged. Corals, for example,



- have a mucus layer around them, while other animals, such as turtles, may suffer from stress. Do not break off any corals by standing on the reef or by flapping your flippers. Corals are living animals and require many decades to build those reef formations.
- Please do not collect any shells, broken coral pieces or other objects on the island and in the sea. They may serve as homes for hermit crabs and consisting of calcium carbonate, which is very important for generating new sand.
- Please do not buy any marine products, i.e. coral jewelry, shells, shark jaw etc. Even though these items are not available at the resort, you may find them else where in the city. The concern is that most of the animals those shells originally belong to have deliberately been killed for the tourism industry and are often endangered species.

## **Social Contribution**

In addition to the direct impact of our resorts we often work with a number of local charities promoting environmental awareness and carrying out environmental projects. The Evason Ana Mandara donates every year 0.5 % of the revenue to local charities. In addition to this we donate prizes, accommodation for auction and manpower .The resort 4 Houses Committee and the Host Committee are handling social & environmental issues of their choice.

As part of our wider social responsibility program and as a Six Senses Resort we have formed an association with care for children and are inviting our guests to join us in supporting them. Care for children exists to relieve abandoned and orphaned children by the introduction of strategic initiatives in child care practice. Their vision is to see one million children in families by 2010. Care for children have set up an extremely successful foster care program in China and are now, with the blessing of the Thai government, setting up a similar program in Thailand.

Six Senses is pleased to be associated with Care for Children and its founder, Mr. Robert Glover, who has received an official Certificate of Recognition of the British Empire for his contributions to society.

In Viet Nam, Six senses has established relation with the Thanh Son village, 100km away from Nha Trang city, to care for the children, by giving them food, school kits, toys, cleaning the surrounding and building a school house.

## Six Senses Carbon Offset Programme through The Converging World

The earth's climate is being warmed by human activities, primarily caused by our use of fossil fuel for producing energy. Burning fossil fuel generates pollution in the form of carbon dioxide ( $CO_2$ ) and other greenhouse gases.  $CO_2$  is the main greenhouse gas present in the atmosphere, which prevents the sun's radiation to go back into space. This effect, called the greenhouse effect is what causes climate change and hence global warming, frequently described as the greatest problem facing mankind in the 21<sup>st</sup> century. Global warming is already starting to affect our lives but it will have even more devastating consequences on our planet, on humans, animals, and plants alike - in case we do not take action *now*.

Whilst we are working to reduce our emissions of greenhouse gases within our resorts and spas, one of the biggest environmental impacts of a typical stay is caused by flying to and from our resorts. This can often account for 10 times more  $CO_2$  emissions than that emitted during a week's stay at a Six Senses resort at Nha Trang. A typical long-haul flight produces around 2 tons (2000 kg) of  $CO_2$  per passenger - enough to fill two swimming pools of a size of 25 m x 10 m x 2 m!

To help tackle the issue of global warming, we have developed a special programme, the Six Senses Carbon Offset Programme through The Converging World. The programme allows our guests to compensate for the  $CO_2$  associated with their flights. For every one ton of  $CO_2$  produced by a flight, the Six Senses Carbon Offset Programme through The Converging World will organize for the same amount or more to be offset through a community based project in Tamil Nadu, India, called the Converging World Project.

This project includes replacing fossil fuel energy with renewable energy sources such as solar panels and windmills, while contributing to the socio-economic development of the local community. A form, like the one below, will be presented to you during your stay with us offering you the opportunity to support this initiative.

To calculate the amount of CO<sub>2</sub> emissions, we have used the calculator provided by The Climate Protection Partnership, which takes into account the "Radiative Forcing Index", the height at which the emissions are released (because the emissions have different impacts on different altitudes).

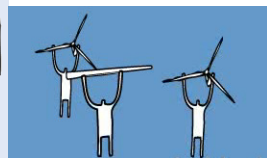
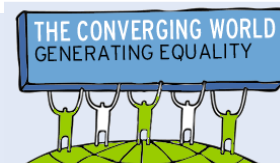
If you would like to reduce the carbon footprint of your Vietnam holiday experience or support renewable energy and other sustainable projects, you are welcome to contribute to the Six Senses Carbon Offset Programme through The Converging World. Please indicate the amount of money you would like to donate on your final bill.



Example of tones of carbon dioxide emitted per person, round trip to Nha Trang, and the cost of offsetting the emissions, using the Climate Protection Partnership's calculator

<b>Per person to Nha Trang and Return</b>	Ha Noi	0.444 ton	16 USD
	Ho Chi Minh City	0.21 ton	7 USD
	Bangkok	0.556 ton	19 USD
	Tokyo	2199 ton	77 USD
	London	5073 ton	178 USD
	Frankfurt	4771 ton	168 USD
	Moscow	3752 ton	131 USD
	Paris	5012 ton	175 USD
	Madrid	5435 ton	190 USD
	Sydney	6546 ton	229 USD
	San Francisco	6411 ton	225 USD
New York	7425 ton	260 USD	

We thank you for your contribution to a better environment and to a better future for The Tamil Nadu community.



## **Contact Us**

**For more information about our Environment and Social responsibility:**

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