

## ENVIRONMENTAL GOALS

Alila Villas Uluwatu represents a new generation of exclusive properties by Alila Hotels and Resorts that blend the ultimate in luxury with innovative lifestyle, designed in harmony with and fully respecting the natural environment.

We are proud that Alila Villas Uluwatu has embraced the environmentally sustainable design (ESD) principles and is the first resort in Indonesia to receive the highest level of certification from Earth Check as a Best Practice Building Planning and Design (BPDS) development. This is because we utilize many ESD measures including local materials, water conservation with soaks and rain gardens and waste water management system, using local plants from the special Bali savannah ecosystem, the deliberate use of sustainable/recycled materials, protection of the natural environment and measured work practices throughout construction.

Earth Check is the international benchmarking and certification programme for the travel and tourism industry based on the Agenda 21 principles for Sustainable Development endorsed by 182 Heads of State at the United Nations Rio Earth Summit in 1992. Earth Check science has been developed by the STCRC over a period of 10 years and is reviewed annually to ensure that it meets international standard relative to Green House Gas protocol and certification. Earth Check complies with the motion agreement which outlines the guidelines and principles for an international sustainable tourism certification program,

In the area of operations, Alila Villas Uluwatu will implement regular updates to environmental management systems and implement action plans in accordance with the requirements of the Earth Check Company Standard. We are committed to maintaining environmental and social sustainability for our villa operations at all times. Our commitments are as follows:

- Recognise the process of global warming and ensure that greenhouse gas emissions are minimised.
- Energy efficiency and resource conservation. Minimise the use of energy where possible and ensure that the fresh water supply is sustainable and fresh water use is minimised.
- Conduct operations in a way that does not adversely affect local cultures, or social and cultural heritage and preferably benefits the local community.
- To select only products and materials from environmentally responsible sources, giving priority to local sources.
- Treat waste water and discharge effluence in a manner which will cause the least ecological harm.
- Minimise the production of solid waste through the 3R's (Reduce, Reuse, and Recycle) where practical and ensure that any solid waste disposal will cause the least ecological harm.

Based on the above issues, we have developed the following Operational Environmental Management System (OEMS) and are committed to building on it over time to ensure that management systems are in place to prevent environmental damage from the operation of the resort.

### **Staff training**

Staff training is designed to ensure systems are operated efficiently and that the response to any potential emergency is well understood, coordinated and effective. Training is to be provided for all employees to create awareness regarding energy conservation and environmentally responsible behaviour. This will be undertaken bi-annually.

### **Waste minimisation**

The project incorporates a dedicated area for the separation of waste materials for recycling. Non-recyclable materials are disposed of in a government-approved waste facility and an in-house recycling programme has been established to assist in separating rubbish. Guests are also to be made aware of recycling initiatives through hotel literature. Training will be provided to employees to inform them of procedures for recycling, and trolleys used for housekeeping are modified to accommodate the sorting of waste.

### **Resource conservation**

To ensure efficient electrical consumption, a maintenance schedule has been developed to ensure that regular maintenance is undertaken on electrical and mechanical equipment. This is developed on the recommendations of project consultants and suppliers. Sub metering systems have been installed for utilities to different sections in the resort. Each section is charged for their usage respectively.

### **Pollution reduction processes**

Chemicals used in the property are low phosphate, environmentally friendly, biodegradable and non-toxic. All products are provided with a Material Safety Data Sheet and Product Technical Specification as a reference for effective and efficient use. Indigenous low water use vegetation has been specified for the plantation system to ensure the reduced use of fertilisers and pesticides.

### **Greenhouse gas emissions**

We are also targeting to reduce or at best offset the property's carbon footprint through the development of alternative projects where possible such as solar, wind energy and financial investment in credited sustainable plantations.

### **Green-buying policy**

A green-buying policy has been developed for the operation of the resort.

### **Social commitment**

We offer our guests the opportunity to participate in our GG21 activities by constantly creating new Alila Journeys in support of this policy while proactively encouraging tourism operators in our regency to think green, especially in preserving the waterways, coral reef and minimising their use of plastic.

To promote our community relationship we are committed to selecting the majority of our employees from the local area and region of Badung Regency. We utilise fresh local produce from our organic garden in the first instance and where these are not available, purchase goods and services from local suppliers with a preference for those in profit sharing co-operative organisations.

## **Water use in operations**

There are various water supplies available for the site – mains, recycled (grey water and black water), and rainwater. Selection of water minimisation devices such as WCs with dual-flush systems and low-flow showerheads and taps are to support our water conservation programme. The use of indigenous low water use plants is also to reduce water used in landscape watering.

A sewage treatment plant is installed to treat grey water and black water through bio system and recycle the water for irrigation. As much water as possible is recycled through this system.

To reduce water discarded through the pool filtration process and chemical use associated with swimming pools, our pools are treated with a salt pool chlorinated system.

## **Energy efficiency and management**

We are committed to ensuring that all appliances and equipment used in the hotels are in the best condition. Old equipment that needs to be replaced will be replaced with energy-efficient equipment.

The Vulcan-HP® heat pump utilises proven refrigerant technology to capture latent heat from the ambient air and transfer it to the water. This is accomplished by utilising minimal amounts of electricity and Freon gas, along with a high performance fan, super-efficient compressor.

All indoor lightings are energy-efficient or scheduled for replacement with energy-efficient lighting (LED lighting system).

Villas are using a low capacity air conditioning system.

This is possible as it is supported by our passive solar design:

- Open design for room intended to allow maximum cross ventilation and daylight penetration – reducing the use of light.
- Volcanic rocks are integrated into roof with planting. This will improve the insulation system of the roof and reduce the use of air conditioning.
- Light colour limestone is used for external areas to reduce heat from the sun.
- Water features are integrated into each villa type and extensively around the hotel.

In conclusion, the Alila Villas Uluwatu Management and Green Team is proud to promote and communicate our aims/performance regarding the GG21 programmes to all stakeholders, staff, neighbours, suppliers and local community and is pleased to make this policy available to them on request.