



PARADISUS

BALI  
INDONESIA

# SUSTAINABILITY INITIATIVES

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P A R A D I S U S   B Y   M E L I A   B A L I

MELIÁ HOTELS INTERNATIONAL



## Introduction

Sustainability is part of Paradisus by Meliá Bali's culture and brand. We make continuous effort towards a sustainable business, from changing our products with eco-friendly analogues to promoting energy saving practices for our facilities.

# Our Sustainability Policy

Paradisus by Melia Bali is a unique sanctuary of exotic beauty and tropical comfort. The 492 elegant accommodations include suites and villas with highlights of indigenous teakwood and jewel-toned furnishing accents. Superb dining is available in the relaxed tropical ambience of the resort's eight restaurants. A Range of cuisines encompasses Asian & Indonesian specialty, Mediterranean bistro-style fine dining, authentic Japanese cuisine, Middle Eastern flavor, fresh seafood and grilled fare, and authentic Japanese cuisine.

The hospitality industry in Bali is highly dependent on the island's unspoiled environmental and the culture of its people. Visitors come specially to enjoy Bali's unique cultural heritage. A better living standard and quality of life for the Balinese people will ensure the future of Bali's hospitality industry. Paradisus by Melia Bali commits to continually improve its award-winning performance in environmental and social sustainability and annual benchmarking. Paradisus by Melia Bali has implemented an Environmental Management System which meets the requirements of the Company Standard as our commitment and goals. The Environment System assist Paradisus by Melia Bali to address the major environmental challenges that face our planet today. It specifically addresses the key performance areas of:

1. Reduction in greenhouse gas emissions
2. Energy efficiency, conservation, and management
3. Reduction of the consumption of fresh water and resources
4. Ecosystem conservation and management
5. Give special consideration to the employment of persons living in nearby communities
6. Give preference to local products and services

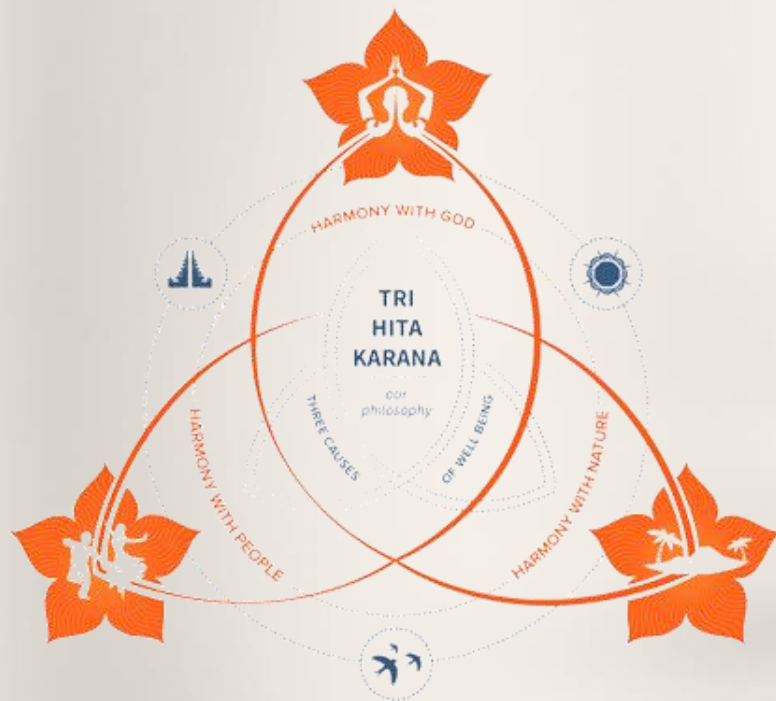
# Our Sustainability Policy

7. Improved management of social and cultural issues
8. Improved land use planning and management Improved air quality and noise reduction
9. Improved wastewater management
10. Waste minimization, reuse and recycling
11. Continual on social and community involvement program (Corporate Social Responsibility Program)
12. Continual improvement in Sustainability and annual Benchmarking
13. Melia Bali Hotel will comply with all relevant legislation and regulations, fair trade and continue to meet international best practices.

We have appointed the resort's Director of POMECA as the Coordinator. He has responsibility and skills for ensuring on going environmental performances, identification of environmental risks, recording and monitoring of impacts and implementing environmental and social sustainability measures.

Special consideration will be given to employing and empowering local employees, and wherever possible environmentally sustainable products and services will be sourced locally.

We encourage our staff to present our commitment to environmental and social sustainability and our benchmarked/certified under the sustainability program to our guests, suppliers, contractors, agents and wholesalers.



# Sustainability Concept

Paradise by Melia Bali has conducted its Sustainability concept based on the MHI (Melia Hotels International) Global Policy and the Tri Hita Karana concept, the Balinese way of living, which highlights the harmonious relationships between human beings and God (Parhyangan), human beings and fellow human beings (Pawongan) as well as human beings and the environment (Palemahan)

A tropical landscape featuring a variety of palm trees and lush greenery. In the background, a building with a traditional thatched roof is visible through the trees. The sun is shining brightly, creating a lens flare effect. A semi-transparent white banner is overlaid across the middle of the image, containing the title text.

# **Sustainability Continuously Program Highlights**

# *Parahyangan* Program

*Parahyangan* is the Balinese concept that every single individual is part of God, and God is inside of them.

This concept rule the human to control their minds and emotions towards their spiritual living on Earth.

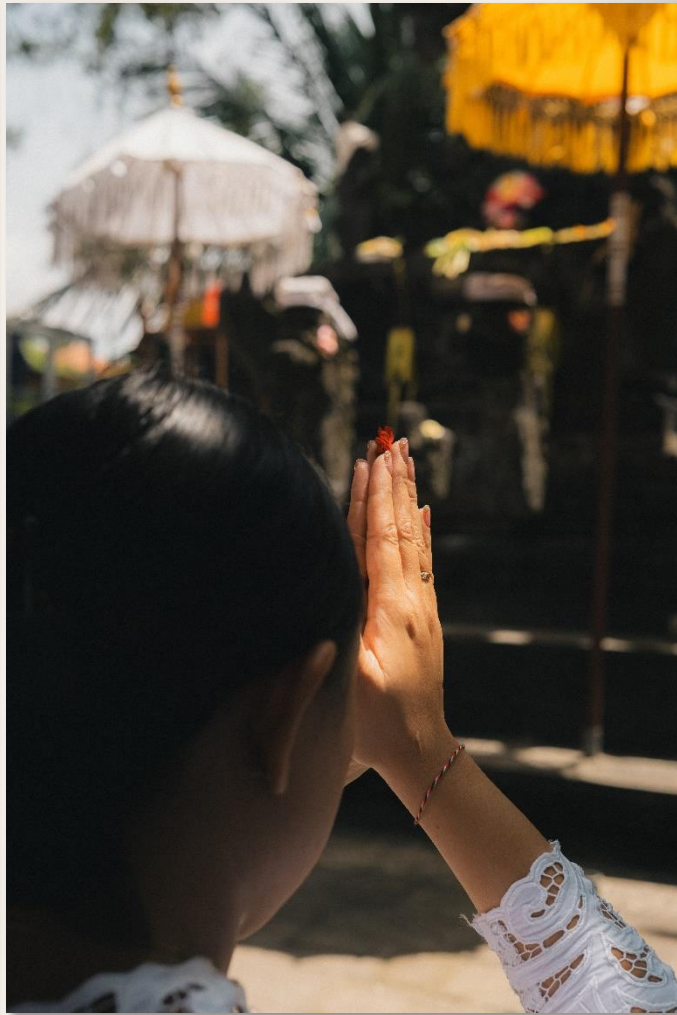


# Temple Ceremony (Piodalan)

Piodalan is an anniversary ceremony of the temple, a Hindu place of worship in Bali. The ritual aims to balance the universe and its contents from negative influences of the vanity, lust and mental deterioration of the spiritual.

Piodalan at Paradise by Melia Bali's temple is held annually, attended by staff members and guests are welcome to join.





## Blessing Ceremony

As part of our *Parahyangan* program, we conduct a regular event of Balinese blessing ceremony to our guest. The program is not only as the sustainability concept implementation, but also to introduce the Balinese culture. This ceremony is a spiritual ceremony part of Bali's traditional custom consisting of a purification body and soul and welcoming of good spirits. Balinese blessing involves some Balinese traditional offering which is full of symbolic and philosophy.



## *Pawongan* Program

*Pawongan* can be understood in two senses: ritual and practical. In a ritualistic sense, *pawongan* covers the numerous rites of passage ceremonies that a Balinese must go through in their life. In a practical sense, *pawongan* means being a good person in your personal and social life.

# Sustainable Schools Program for Children with Disabilities

Since 2001, we have supported a school for children with disabilities by giving educational courses to provide assistance in making them feel inclusive and achieve their academic success.



# Support Salt Farmer

## SEA SALT FARMER

Kusamba Beach is one of East Bali's many tranquil and exotic black-sand beaches. It stands out for its traditional salt farmings, which date back almost 1,000 years.

The Balinese coastline villages have centuries-old tradition of salt making, producing a pure premium salt with sweet notes. The Kusamba village in the Klungkung region of South Bali is one of the few villages that have continued this tradition.

The process begins with the evaporation of seawater in the beds of black volcanic sands to create pure distilled brine. The brine is then left to crystallize inside vessels made from coconut tree logs. The crystal salts that emerge on the surface of the brine are hand-raked and drained to remove the excess brine. Each logs requires up to 5 days to complete the crystallization process before harvesting.

The unique feature of the salt lies on the mineral-rich seawater and the delicate techniques that are specific only for the salt-masters in the region. No similar techniques are applied anywhere else in Indonesia.

About 10 to 12 tons of Kusamba sea salt is produced per month during the dry season. However, in the last twenty years, these hand-craft traditional pure sea salts have become unable to compete with corporate-mass scale salt production that costs only a fraction of Kusamba sea salt.



The Kusamba salt making tradition is on the verge of extinction as only a few villages are able to continue this heritage. Altogether, less than 50 families are still active in the production of Kusamba sea salt.

In order to raise awareness of this heritage, we are glad to support the local community and

invite our guests to visit the site and witness this historic tradition. Guest also could find this local salt production in their table at our restaurant.

You may also purchase fresh sea salt directly from the farmers!



Kusamba salt making tradition is on the verge of extinction as only a few villages are able to continue this heritage.

In order to support this community, we regularly purchase their salt produce to be used in our kitchen and donate basic necessities to the farmers.

We also invite our guests to visit the site and witness this historic tradition.

# From Salt Farmer to Guests



**Sustainable Salt Production:** The Paradisus by Melia Bali CSR program is committed to promoting eco-friendly salt farming practices that minimize the impact on the environment and promote long-term sustainability.

**Enhanced Guest Experience:** By sourcing high-quality, locally-produced salt, Paradisus by Melia Bali seeks to elevate the dining experience for its guests, providing them with an authentic taste of Bali's culinary heritage.

Since 2020, melia Bali has supported 1 particular salt farmer Wayan Purna by purchasing 20 – 25kg salt every month

# Soap for Hope

Millions of children die annually from diseases that are often preventable by hygiene practices such as hand washing  
Paradisus by Melia Bali has joined forces with Diversity to try and address this problem



A unique programme is currently in place to collect all of the hotel's discarded soap  
It is then sanitized and recycled into new bars of soap



- The three key benefits of this initiative include:
1. Protecting the environment by reducing hotel waste.
  2. Empowering local people by teaching them new skills.
  3. And saving lives through education and better hygiene practices.

# Supporting Employees' Education

I Made Suyadnya (Kadek) is the son of Bapak Patra who lives in Benoa and one of the unfortunate families in this area. Paradisus by Melia Bali team met this family when the hotel conducted the house renovation project back in July 2010. Then, we decided to carry on giving support on Kadek's education since he was in the second year of Dwijendra Bualu Junior High School until he graduated at Dwijendra Bualu Senior High School (2010 – 2015).

After that, he worked as a steward at the hotel's staff canteen for eight months before moved to Public Area as a daily worker. While still continued working at Paradisus by Melia Bali, he took one-year Diploma study at a Tourism School in August 2017. Melia Bali supported his school expenses until he graduated in September 2018.

Kadek has now become one of Paradisus by Melia Bali team and you can see his genuine smile every time he is doing his job as a Public Area Attendant.

# Engaged with Local Community



We offer job opportunities to contribute to the social and financial prosperity of destinations as well as providing hospitality training

# *Palemahan* Program

*Palemahan* concept refers to the relationships between a person and nature. This has become the basis for sustainable development in Bali. As nature provides for humans, humans must preserve nature in return. You might have heard of recycling events or coral reef preservation activities in Bali. That's the spirit of *palemahan* in action! Even the simple act of watering plants and picking up litter is a great contribution to preserving nature.



# Climate Change Action



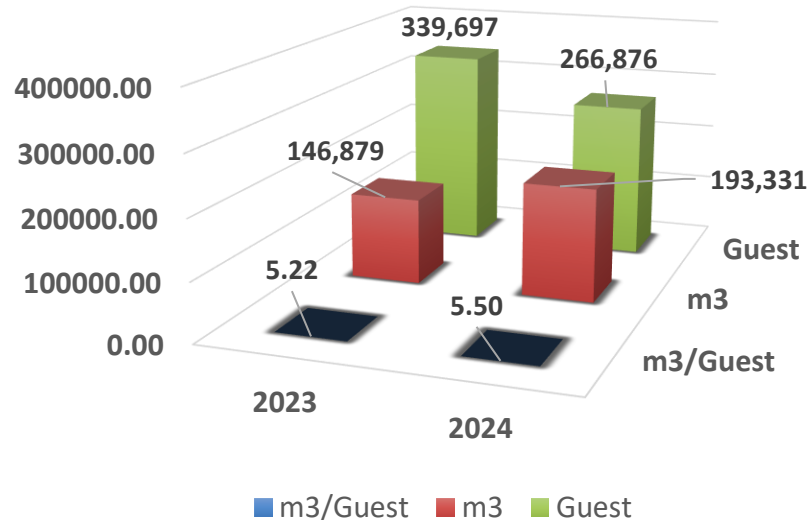
MELIÃ  
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INDONESIA

Melia Bali committed with the  
local communities and the CO<sub>2</sub>  
reduction

Local taste so much better!



# Water Saving Practice



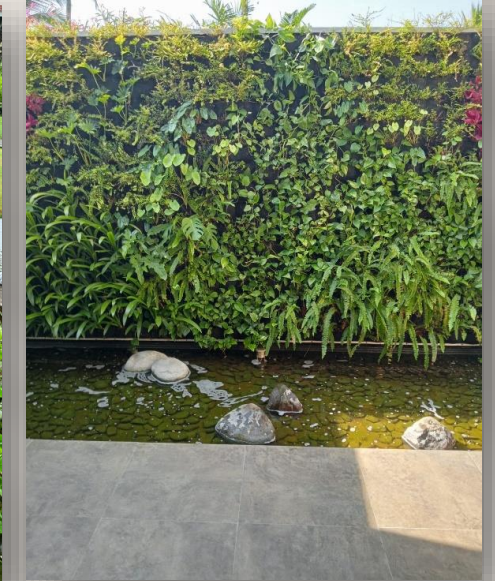
## Steps we take to save more water:

- Replace flush urinal with urinal sensor at male toilets.
- Replace flush toilet with dual flush toilet in all guest rooms and villas.
- Bathtubs at 120 guest rooms have been replaced to showers.
- Inform and encourage our guests and staffs to save water with the on-going green program.
- Monthly leaking checklist at hotel toilets.
- Replace wash basin tap, mixing shower and hand shower with new sanitary saving equipment from *Toto*.
- Use the irrigation water to water the garden area and during night time.
- Usage of backwash water from lagoon to water the garden area.
- Install new water meter reading to monitor water consumption on daily basis.
- Install variable speed pump to supply portable water pump to all hotel area.
- Install drip irrigation water system to watering the planter box at Lobby area and surrounding, with this technique we can saving 7,41 m3 water per month

# Water Conservation Practices with osmosis



# Watering Management



Sprinkler Irrigation  
(Impact Sprinkler)

Location : Surrounding garden hotel, Organic Garden

Drip Irrigation

Location : Lobby, Sorrento pathway, Tennis Court, SPA  
Lobby entrance

# Watering Management

Misting Irrigation  
Location : Lagoon access B3

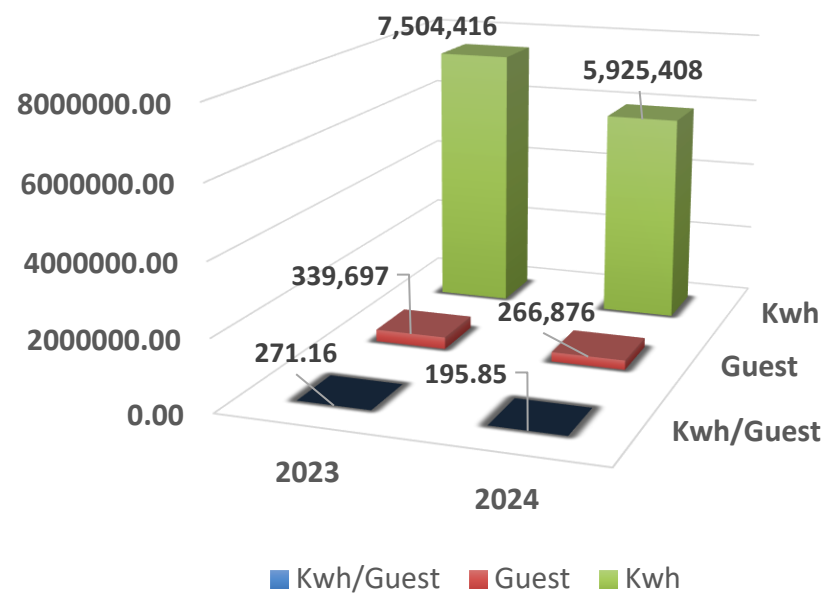


Uni Spray Irrigation  
Location : Maingate, Lobby entrance



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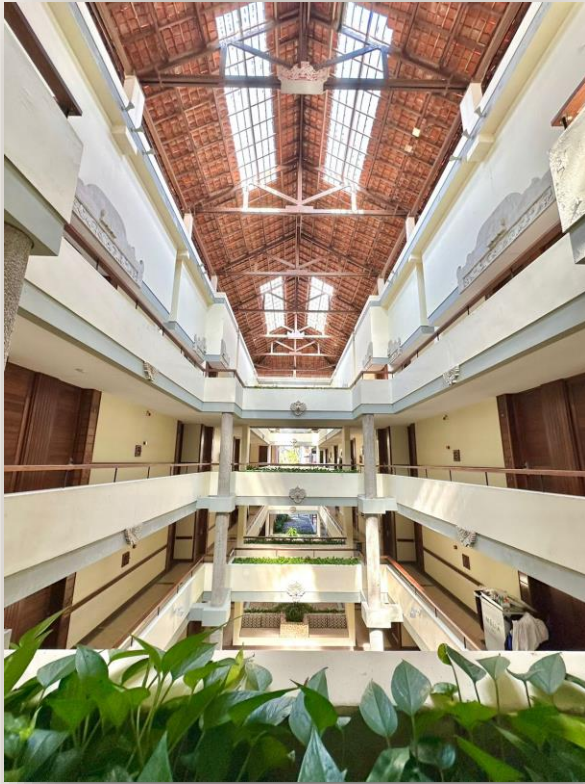
# Energy Saving



## Steps we take to save more energy:

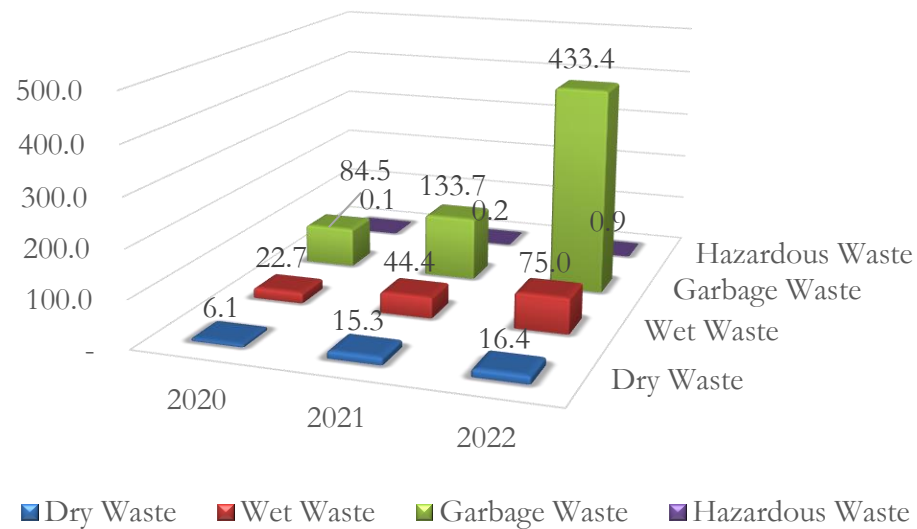
- At the moment in the hotel there are more than 80% of light bulbs from LED lamps including lights at all garden, underwater, and ponds.
- Usage of daylight effectively in the building corridor by replacing roof tile with glass roof tiles.
- Usage of key entry card system which automatically turns off the power when the room is not occupied.
- The use of digital thermostat to control fan coil unit in guest rooms.
- Aim to use high-efficiency equipment when replacing old equipment throughout the hotel.
- HVAC system with heat pump and heat plate exchanger to supply hot water in guest rooms.
- Setup timer for garden lamps and decorative pumps.
- Regular infra-red maintenance for electrical panel every 2 years.

# Energy Saving Practices (sunlight, LED lamp and timer)



# Waste Management

## Waste Management Report



Since 2017 we manage our own waste by ourselves and liaising to local vendors. It is also part of our concern on building the business with environmentally friendly. By managing our waste, we could continue our business without harming the environment. Our believe teach us to have a balance in life, taking care the nature and surround is a part of our faith. By implementing this concept, we could save the environment for our next generation.

At the implementation, we do differentiation of the waste into dry, wet, garden, and hazardous. The implementation is not only to provide the bins, but also educating the employee. By differentiating the waste, we manage our environment properly and the vendor could assist to process the waste easily.

# Waste Management Practices



# Garbage Separation Practices



# Chopsticks & Satay Sticks Recycle Practices



Since March 2023, we have collaboration with Chop Value and actively collecting the unused chopsticks and satay sticks at Paradisus Bali to contribute to our environmental conversation efforts by recycling waste.

To date, we have successfully collected a substantial of 57.45 kg of these materials.

At Paradisus Bali, our name tags are crafted from recycled chopsticks, demonstrating our commitment to sustainability and eco-friendly practices.

# Plastic Reduction



Beside differentiating and reducing the waste, we do plastic reduction usage at the hotel. As the replacement, we liaise with local vendor to produce certain product from casava; i.e amenities cover at guest room. We also do encouragement to our supplier not to use plastic on their packaging. We educate them to use big container with different color to transport certain products.

# Plastic Reduction Actions



# Plastic Reduction Practices – Villa & Room Amenities



Our amenities packaging is made from “cassava” biodegradable material and ceramic bottle. This amenities replacement project had begun since February 2022 until December 2022. Now all the rooms had equipped with fully ceramic bottle dispenser and cassava biodegradable packaging material.

# Plastic Reduction Practices - In Room Garbage Bin



- Total Garbage Bin used in the room : 990 units
- By distributing NON plastic insider for the garbage bin, we are preventing approximately 30,690 of plastic consumption per month
- We are saving approximately USD 8,000 per year

# Plastic Eco-Friendly Furniture Practices



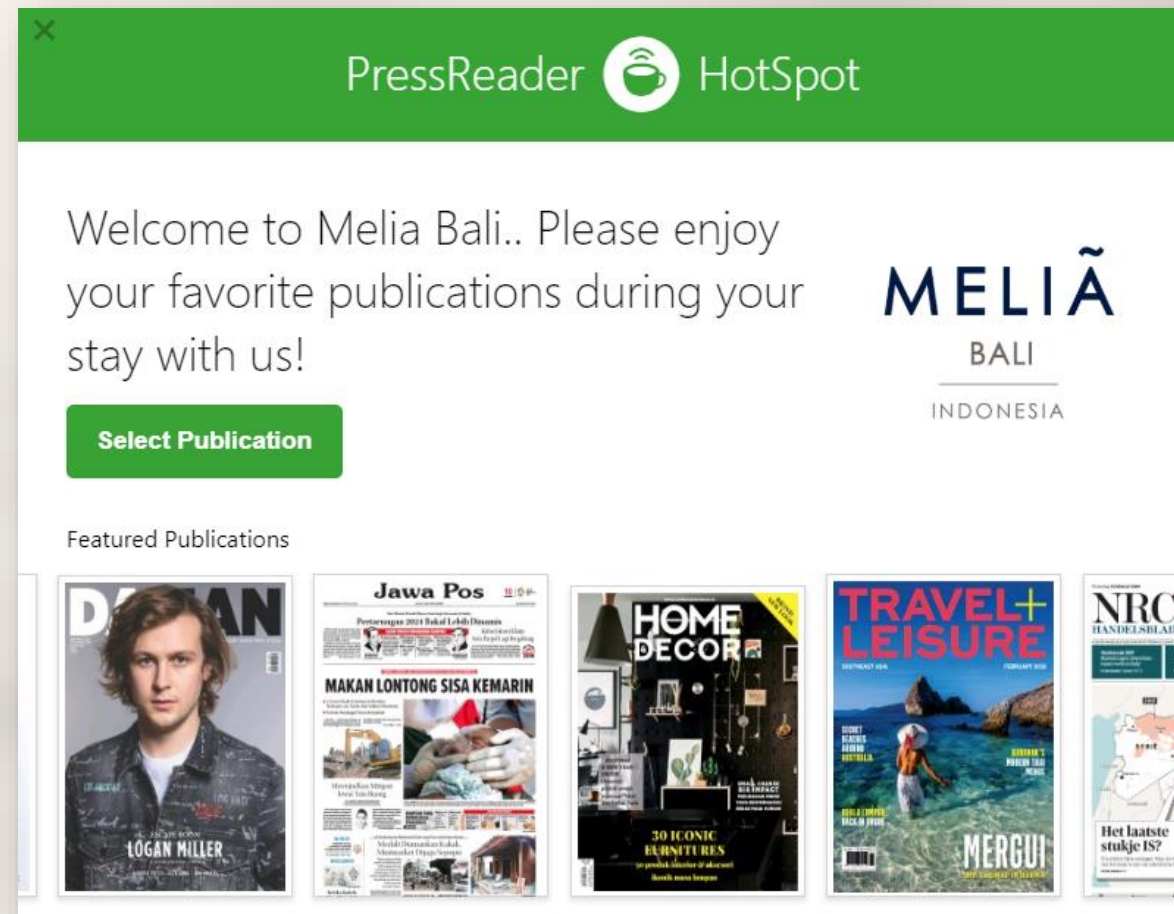
We have collaboration with ecollabo8 to transform plastic trash into eco-friendly furniture pieces.

Our Cloud Table at Kids Club is made from 150 kg of bound plastic trash.

We continue the commitment with outdoor Kids Club tables and chairs made from 276 kg recycled plastic.

# Maximizing Paper Usage Reduction

A platform use to provide access to digital newspapers, magazines, and other digital content to our guests.



# Protecting Our Environmental Sustainability



## BEACH CLEANING

Unprecedented amount of pollution end up in our oceans each year, and the majority of it comes from human activities along the coastlines and inland. Marine trash encompasses all manufactured products, most of them plastics, that end up in the ocean. Littering, storm winds, and poor waste management all contribute to the accumulation of this debris, 80 percent of which comes from land.

Common types of marine debris include various plastic items like shopping bags and beverage bottles, along with cigarette butts, bottle caps, food wrappers, and fishing gear. Plastic waste is problematic because it is undegradable.

It is estimated that beach pollution affects more than 800 species of wildlife around the world. More than 100,000 seabirds, sea turtles, seals, and other marine mammals die each year after ingesting plastic or getting entangled in it.

Understanding the devastating effects of pollution on our beaches, Meliá Bali believes the solution for beach pollution include prevention and clean-up.

Meliá Bali Green Engage is our comprehensive sustainability system of nature. It tells our hotel what all of us can do to be a "green" hotel and the means of taking care our nature.

We have eliminated plastic straws and continued to do plastic reduction practices in the resort to limit plastic waste.

We also have dedicated team to clean the beach area daily, regularly conduct major coastal clean-up along the shores of Nusa Dua ocean. Various departments participate in this event and we also invite our guests to join in our effort to ensure our beach and ocean remain unpolluted.

For our efforts and dedication, Meliá Bali earns prestigious awards related to sustainability, such as EarthCheck Master Achievement, Super Platinum Tri Hita Karana Award and Travelife Gold Certificate.

We commit to continuously improve our award-winning performances in environmental and annual benchmarking to preserve our environment.

### "SOAP FOR HOPE"

Soap is the primary daily need to maintain hygiene. Pollution and germs can easily attack humans' immune system. In Bali, precisely in the scavengers' village at the Landfill of Suwung, Pesanggaran, South Denpasar, there are about 200 unfortunate families who cannot buy soaps.

Through "Soap For Hope" program, Meliá Bali in collaboration with the Diversey Organization, donated unused soap to the Bali Life Foundation. The first program launched on February 2018 by donating over 3.4 kilograms of unused soap. Within 3 months, the resort succeeds to collect over 52 kilograms of unused soap. Now, there are more than 100 kilograms ready to donate on November 2018.

General Manager Eduardo Perera Castro revealed that Meliá Bali will continually support Suwung community to offer a new form of a better life and improve their hygiene practices by providing access to soap. "We are honored to be the first hotel in Nusa Dua, Bali to embark on this social sustainability journey. Moreover, this program is one of the real actions of Tri Hita Karana concept in Balinese philosophy," he said.

### About "Soap For Hope" Program:

"Soap For Hope" program is initiated by Diversey Organization. They are responsible for providing the soap recycling tool, while the Bali Life Foundation is a Non-Government Organization (NGO) that supports the venue of recycling proses and soap distribution as well.

# Utilize eco-friendly product to protect our environmental



Pencil Plant

A sustainable, plant able pencil. Instead of throwing it away after it gets too short to use, you can just plant your pencil in a pot of soil and watch your pencil grow into herbs or flowers



Scented Organic Candles

Hand poured candles with natural soy wax and organic essential oils. All proceeds from its sales go to charity, helping to benefit a community in West Indonesia, giving access to dental care, shelter, safe drinking water



Eco Friendly Skin Care Products

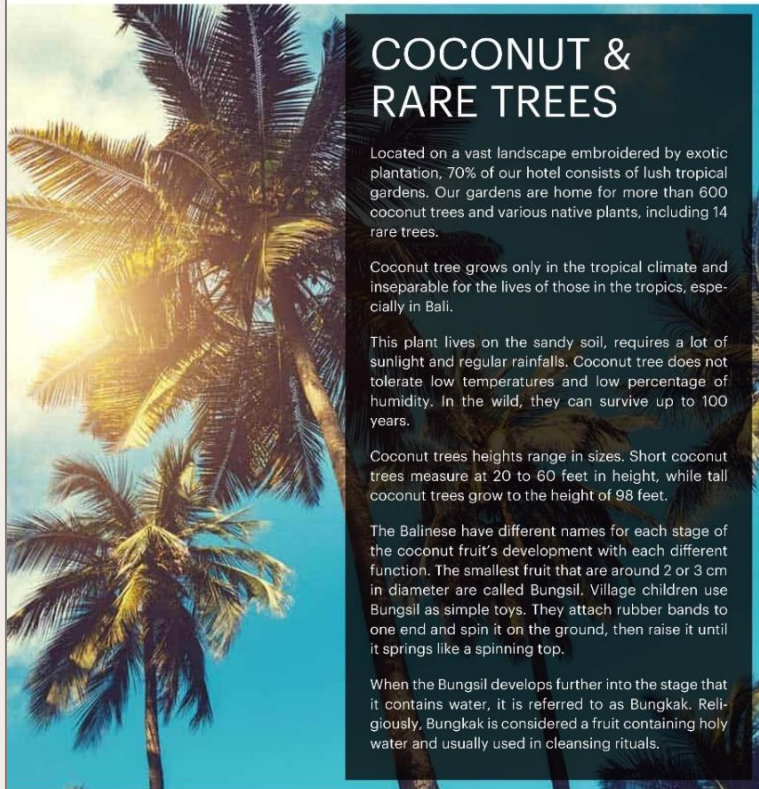
Created by the local community in Gianyar, Bali, Eco Sparkling Green deliver a plant based cleaning alternatives and skin care product with paraben-sulphate free.



Sustainable Tissue Paper

Every ton of recycled tissue paper, we can save about 17 trees, 31.823 liters water and 4.000 Kw energy for production. We save the earth from the negative impact of bleaching agent to keep tissue paper in bright white color.

# We Have a Garden Where We Grow Our Local Plants



## COCONUT & RARE TREES

Located on a vast landscape embroidered by exotic plantation, 70% of our hotel consists of lush tropical gardens. Our gardens are home for more than 600 coconut trees and various native plants, including 14 rare trees.

Coconut tree grows only in the tropical climate and inseparable for the lives of those in the tropics, especially in Bali.

This plant lives on the sandy soil, requires a lot of sunlight and regular rainfalls. Coconut tree does not tolerate low temperatures and low percentage of humidity. In the wild, they can survive up to 100 years.

Coconut trees heights range in sizes. Short coconut trees measure at 20 to 60 feet in height, while tall coconut trees grow to the height of 98 feet.

The Balinese have different names for each stage of the coconut fruit's development with each different function. The smallest fruit that are around 2 or 3 cm in diameter are called Bungsil. Village children use Bungsil as simple toys. They attach rubber bands to one end and spin it on the ground, then raise it until it springs like a spinning top.

When the Bungsil develops further into the stage that it contains water, it is referred to as Bungkak. Religiously, Bungkak is considered a fruit containing holy water and usually used in cleansing rituals.



As a majority of Balinese ritual offerings are crafted with coconut leaves, they become an important part in the Balinese religious life. Young green coconut leaves are used for a wide variety of offerings, from the small canang to the larger penjor and old leaves can be used to construct ceremonial structures.

In Melia Bali, we do our best to preserve the natural ecosystem of the trees by recording the amount of Coconut trees we have in our gardens, and have a dedicated Gardener team who are taking care of these plants.

Our team also takes the time to tend to valuable rare trees we have in the hotel. There are 14 rare trees in the hotel, which are Sukun (*Artocarpus altilis*), Local Cermi (Country goosiberry), Kelencung, Jeruk Bali (Big balinese orange fruit), Sawo Duren (*Chrysophyllum cainita*), Purna Jiwa, Buni (*Antidesma bunius*), Sawo Kecil (*Manikara kauki*), Juwet (*Eugenia cummini*), Belimbing (star fruit) (*Averrhoa carambola*), Mengkudu (*Morinda citrifolia*), Munde (Garcinia dulcis), Camplung (*Calophyllum inophyllum*), and Dewandaru.



# Eco-Enzyme

## “Reduce over-use of chemicals in the agriculture”



ECO Enzyme is a complex solution produced by fermentation of fresh kitchen waste (fruit and vegetable dregs), brown sugar and water. It is dark brown and has a strong sweet sour fermented scent. Garbage Enzyme is a multipurpose liquid, and its applications covers household, agriculture, animal husbandry, etc.

ECO Enzyme is the solution to recover our ozone layer and lower the global temperature. More  $\text{NO}_3$  in the air can feed the plant. The plants will growth well. The root can let the animal alive, and animal give their waste to the plant more hormone and nutrition.

From day one garbage enzyme created, its catalyses process will release ozone gas ( $\text{O}_3$ ).  $\text{O}_3$  can reduce carbon dioxide ( $\text{CO}_2$ ) in the atmosphere and heavy metal that traps heat in the cloud. Hence heat can be release from the Earth, reducing greenhouse and global warming effects.

Eco Enzym nzyme converts ammonia to nitrate ( $\text{NO}_3$ ), a natural hormone and nutrient for plants. Meanwhile it converts  $\text{CO}_2$  to carbonate ( $\text{CO}_3$ ) which is beneficial to sea plants and marine life.

This project has begun from September 2021 and keep going.

# We Keep The Traditions Alive



Batik Attire

It is a heritage dyeing technique applied in Indonesia since 19<sup>th</sup> centuries. Batik Indonesia is officially recognised by UNESCO included in the Intangible Cultural Heritage of Humanity list.

Following the recommendation from the government, Melia Bali team member wear Batik Attire every Friday to preserve its existence



Balinese Attire

Balinese attire is a traditional dress commonly wear by Balinese people in every range. This attire usually use for every tradition ceremony and prayer. Following the government recommendation to converse its existence, Melia Bali team member wear Balinese Attire every Thursday, Full Moon and New Moon



Staff's Uniform

Our staff uniform are inspired by the Balinese tradition attire, designed and produced by the local tailor in Bali



# Life Enriching Program



# We Welcome The Guest with Balinese Tradition



## "Om Swastiastu"

Is the regular greetings in Bali Island with the meaning of "I hope you are in good condition by the grace of Hyang Widhi (God in Hindu)". Through saying Om Swastiastu when we meet people, we not only greet them but also praying to the God wishing that they will always in good condition by the grace of the Gods.

## "Panganjali Hand Sign"

Is a hand sign with both hand closed upright in front of the chest. This is the Balinese tradition hand sign that applied when greetings to others following by saying Om Swastiastu.

# **We Welcome The Guest With a Greeter at The Lobby Dressed in Traditional Balinese Costume**



# We Have Our Signage Translated into Balinese



# We Organize Cooking Class with The Guests



Through this program our guest able to learn various heritage culinary and to preserve its existence

# Traditional Balinese Decorations Throughout the Hotel



# Traditional Balinese Decorations Throughout the Hotel



# Traditional Instrument & Music Around the Hotel



# Supporting and Education about Palm Oil & Save Orangutans

## SAY "NO" TO PALM OIL AND SAVE ORANGUTANS!

Orangutan - a type of large apes. The word Orangutan is derived from the Malay Orang Hutan meaning a forest man.

In nature, orangutans lives on Sumatra and Borneo. The number of wild orangutans is estimated at 45-69 thousand in Borneo and 7300 in Sumatra.

### Orangutans are a critically endangered species.

It is estimated that the bornean orangutan population will decrease by 86% by 2025. The biggest threat to the population of this apes is cutting down rainforests for growing oil palms, unfortunately 80% of worldwide palm oil comes from Borneo and Sumatra.

Processed and harmful palm oil is a component of more than 50% consumed on a daily basis: breakfast cereals, cakes, shampoos, toothpastes and cleaning products.

*Say "NO" to palm oil and save Orangutans!*

Supporting by giving education about endangered orangutans to children at kids club.

Presenting video education for kids to understand the important to save the orangutans

Save the orangutans, save the eco system

# Our Awards

MELIÄ  
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## Disaster Management Certificate

Has well trained and socialized of the earthquake and tsunami disaster by Regional Disaster Management Authority



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INDONESIA

## Safeguard Certificate

The Platinum Grade of Tourism Accomodation Safeguarding Management System Assessment 2020 by Government of Bali



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## Tri Hita Karana

Awarded Meliä Bali as a resort that implemented the Balinese philosophy of Tri Hita Karana. A concept to keep the harmony as well as balance between human to God, human to human and human to environment



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## Ministry of Environment and Enterprise

Award for the company's performance assessment program in the field of environmental management



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## New Era Certificate

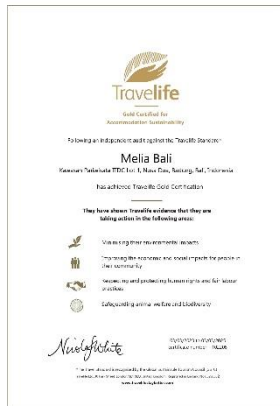
Certified for The Era of Tourism by Head Of Tourism Department Bali Province



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## Travelife Gold Certificate

Meliä Bali is once again complete the Travelife standard and managed to achieve Travelife Gold Certification for accomodation sustainability



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## Nusa Dua Reef Foundation

The Certificate of Contribution for Participation of The Coral Reef Restoration in Nusa Dua 2022 by Nusa Dua Reef Foundation



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## Worldwide Kids

Meliä Bali has been certified for the Worldwide Kids safety and training standards



Video



[Play](#)

The background of the image features a soft, light greenish-yellow hue. On the left side, there are several palm fronds, some in sharp focus and others blurred. Long, dark shadows of these fronds are cast across the background, creating a rhythmic pattern of light and dark. The overall mood is calm and tropical.

THANK YOU