

A Local Solution with Global Impact

Building Bali's Food Scene as a Force of Good



Bali floods kill nine, disrupt travel and displace hundreds

Reuters • Last Updated: Sep 11, 2025, 10:53:24 AM IST

Preferred on 



Synopsis

Floods triggered by heavy rains in Bali have killed nine people, left two missing, and displaced nearly 200 of 600 affected residents, Indonesia's disaster agency said. The floods damaged buildings, blocked roads, and restricted access to the airport. President Prabowo Subianto ordered emergency response measures, while aid including tents, food, and boats has been distributed.



Floods on Indonesia's holiday island of Bali have killed at least nine this week and affected 600 people, blocking off major roads in the capital and disrupting a busy travel destination, officials said on Wednesday.

Continuous heavy rains between Tuesday evening and Wednesday

caused the floods and killed five people in Bali's capital Denpasar, Abdul Muhari, the spokesperson of the country's disaster mitigation agency said in a statement.

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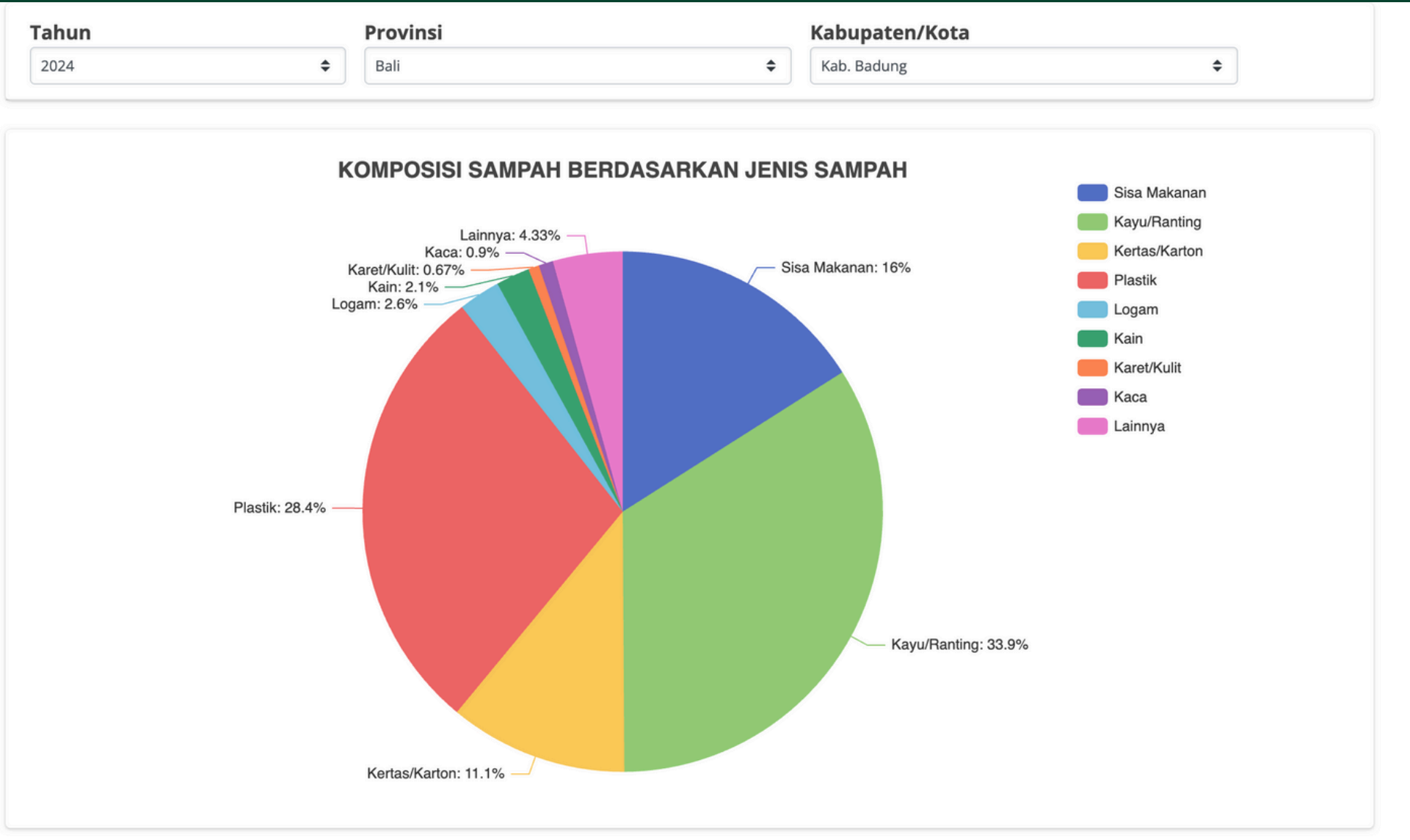
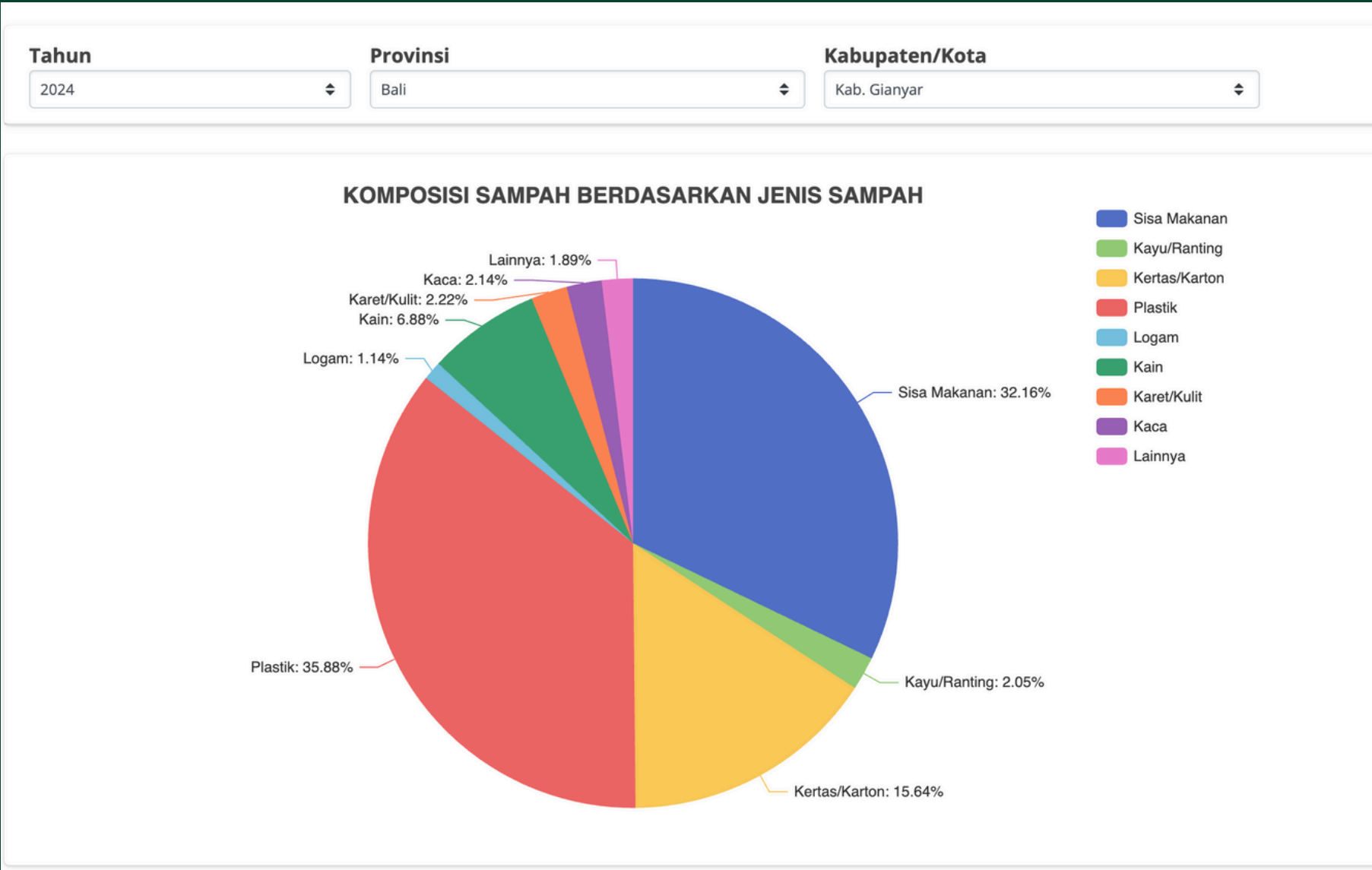
[Sample Newsletter](#)



The Composition of Waste at TPA Suwung, Bali

2024: 1.2Million Ton, the problem of methane, and the opportunity for composting.

Solution: Support Waste Separation Programs, reduced Single Used Packaging.





Paris 1.5

Climate Risks



Increasing temperature
& Heat waves



More intense and
frequent storm systems



Water Scarcity
& Drought



Sea level rise

UNESCO

Subak water system



WE HAVE TO BE NATURE POSITIVE

According to TPCC & IPCC: Climate change impacts on the tourism sector are evident, yet few authorities focus on adaptation efforts. Bali's Sustainable Tourism Strategy for the Cultural Landscape of Bali Province emphasis *climate and risk management plans*.



ECO TOURISM
BALI



Prof. Geoffrey...

CFT (Climate Change &
Tourism Global)



ECO TOURISM
BALI

OUR PROBLEMS

1. **Water Crisis**: Over **60% of Bali's rivers are drying up**; tourism consumes up to 3 million liters of water daily, causing saltwater intrusion and threatening UNESCO sites (Ulun Danu Batur, subak).
2. **Climate Change**: Tourism contributes **8% of global GHG emissions**, impacting Bali with rising sea levels, coastal erosion, and increasing temperatures.
3. **Overdevelopment Impacts**: Over-development causes **habitat loss, water scarcity, traffic, and air pollution, threatening biodiversity**.
4. **Waste Management**: Bali generates **3,000+ tons of waste daily (70% organic)**, with only 50% reaching landfills (e.g., Suwung), causing plastic pollution and fires.
5. **Land Conversion**: **1,200+ hectares of agricultural land were converted** in 2020 due to unregulated tourism expansion.
6. **Economic Leakage**: Tourism employs 70% of Bali's workforce, but **70% of revenue leaves the island** due to local skill gaps.



Are you part of the Change for **Positive BALI?**

RAHMI FAJAR HARINI |





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• BALI •

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The Circle of Balinese Life



travolks
Experience nature be with you



UNTIGUNUN

RESPONSIBLE PURCHASING OR SOURCING



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de Bali

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ensati



WATER, CONSERVATION & OTHER SUSTAINABLE SOLUTIONS



Empowering People Saving Oceans



Eco Bamboo Bali
Sustainable Bamboo Products



Marine Debris to Circularity



USANTARA ATLAS

CONTROLUNI

WASTE SOLUTION MANAGEMENT



making everybody a green energy champion

TECHNOLOGY, RENEWABLE ENERGY, MACHINERY



CHOP X ALUE

satuwatt

STRATEGIC PARTNER



BALI RESTAURANT &
Cafe ASSOCIATION



Koalisi
Ekonomi
Membumi



RSPO

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WORLD TOURISM DAY RECAP



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Regenerative Bali Program Milestone



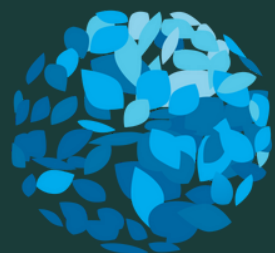
July : 100 baby coral
November : 1.000 seedlings
December : 50 baby coral

February : 1.000 seedlings
July : 480 baby coral
December: 1.000 seedlings

May : 500 seedlings
June : 35 baby turtle
August : 160 baby turtle
August : 1000 seedlings

May : 500 seedlings
June : 80 baby turtle
July : 1000 seedlings





EARTHCHECK



At the end of 2024, Eco Tourism Bali becomes **Indonesia's first and Bali-based sustainable certification body on par with global leaders like EarthCheck and Green Globe.**

<https://travalyst.org/work/certifications-initiative/>

Travalyst founded by **Prince Harry, The Duke of Sussex**. It is **a global not-for-profit coalition** uniting major travel and technology brands like **Booking.com, Google, and Mastercard** **to drive sustainable travel.**

As an independent entity, Travalyst fosters collaboration among competitors to deliver credible and consistent sustainability information, empowering travellers to make informed choices. Committed to transparency, the coalition ensures its work is **independently validated, globally accessible, and, over time, open source for industry-wide adoption.**



ECO TOURISM
BALI

Eco Tourism Bali's mission is to serve as an ecosystem hub for tourism industry, driving positive change through sustainability and climate resilience. As a social enterprise, we provide B2B services, including the Eco Climate Badge certification, sustainability training for the hospitality industry, and the Regenerative Bali Program—a community-driven conservation and restoration initiative aimed at creating a lasting positive impact on the environment

What They Said about Eco Climate Badge.



Amanda Marcella

Director of Sustainability at Potato Head

“So I think with this type of verification that has been done by Eco Tourism Bali, for us at Potato Head, at least, we believe we cannot manage what we don't measure. So, this verification process is **a tool for us to help us actually, to see where we are and for that to set where we want to go.** With this kind of tool, I think it's very important for all of us in the industry to do the same so we know where we are, and we know where we are going.”



Oska Vant Hoff

Associate Director at Sarinbuana Eco Lodge

“I thought it was good, it was **very user-friendly**. From the business owner's perspective, you're always gonna have many things going on. So you **want something that's easy to follow, easy to fill out, so, it went through important topics** that might not be thought of usually. For example like wastewater, like how you're treating your **wastewater**. I thought it was a great resource, and for businesses which don't necessarily take the sustainable- minded approach, I think it will be accessible and easy. **It's a good tool.**”



Desak Intan Sari

Director of Hygiene Safety and Sustainability at the Apurva Kempinski

“Eco Tourism Bali's guide makes the certification process **easy and supportive, with clear, well-structured instructions available in both Indonesian and English.** The assessment **not only acknowledges small initiatives but also offers practical, actionable steps to improve operations.** Its user-friendly approach ensures the process is quick, informative, and efficient while fostering opportunities for **collaboration with local suppliers.**”



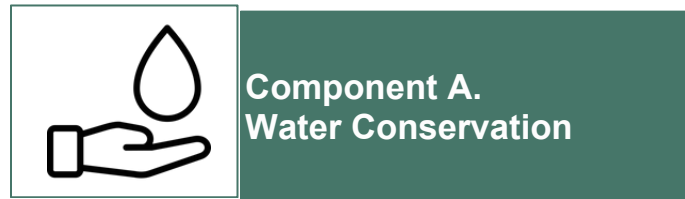
Mitha Marlina

Marketing Manager at IniVie Hospitality

“It's very helpful for us in Canggu Cabana. We can say this is our **holy book to achieve this Eco Climate Badge.** From this digital handbook, we can take steps forward from these items or from these indicators that we need to improve and develop again so that we can continue to carry out sustainable activities.”



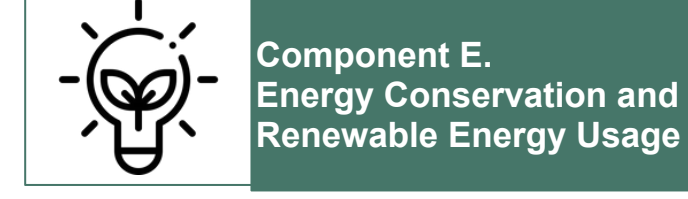
COMPONENT RESTAURANT



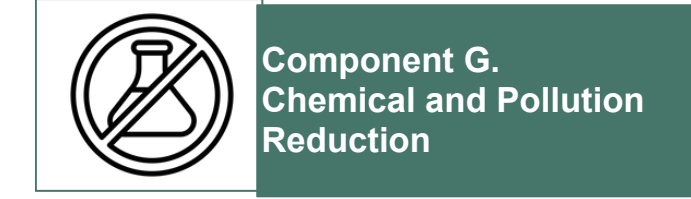
The component comprises of the **implementation of on-site water conservation practices and technologies** in various aspects of business operation, **greywater** processing and reusing, and water efficiency **education** to staff and guests.



The component comprises of the use of **environmentally sustainable furnitures** which defined as **produced with refurbished and/or recycled materials**.



The component comprises of the use of **low energy equipments** for operations and the use of **renewable energy** for the business operations



Chemical and Pollution Reduction component comprises of the **management and reduction of fuel, chemical usage, and pollution production** in the business operations



Waste reduction & recycling component comprises of the implementation of **waste recycling and waste reduction practices** on each stage of F&B business operations. The stages include pre-production, production, and post-production.



Sustainable Food component comprises of policies and actions to ensure the procurement of **locally-produced ingredients** and **implementation of sustainable practices** to provide **environmentally-sustainable food options** to the customers



The component comprises of the use of **reusables tableware** and **eco-friendly packaging and disposables** for restaurant operations.



Social Benefits for Local Community component comprises of the **provision of supportive initiatives and equal employment opportunities** provided by the F&B businesses to their surrounding communities.





ECO CLIMATE BADGE

PRACTICAL GUIDES & TOOLS FOR YOUR TEAM

Example of Assessment Question

Component A. Water Conservation



1. Water conservation education

Criteria Question

Have you **educated** your staffs and customers about **water conservation** efforts through the following activities?

- Offer **water refill** only upon customer request
- Display **water conservation notices** in restroom and washbasin area
- Display **water conservation notice** in kitchen
- Set **internal water saving goals** for the business
- Display monthly **water usage statistics** publicly to keep the staff updated on the facility's progress.
- **Train or brief** staffs on water conservation and responsible consumption

Performance Indicators		Point(s)
Respondents to choose the option that best represent their current condition:		
a)	No , we have not implemented any efforts mentioned.	0
b)	Yes , we have implemented 1 to 2 efforts mentioned.	4
c)	Yes , we have implemented 3 to 4 efforts mentioned.	8
d)	Yes , we have implemented 5 to 6 efforts mentioned	12

Example of Assessment Question

Component B. Waste Reduction & Recycling



6. F&B operations waste recycling

Criteria Question

Do you have **policies** and **actions** in place for **recycling** any of the following **waste types**, either internally (on-site and/or off-site) or in collaboration with external organizations?

Performance Indicators

Respondents to choose all waste that are generated from their operations to be recycled

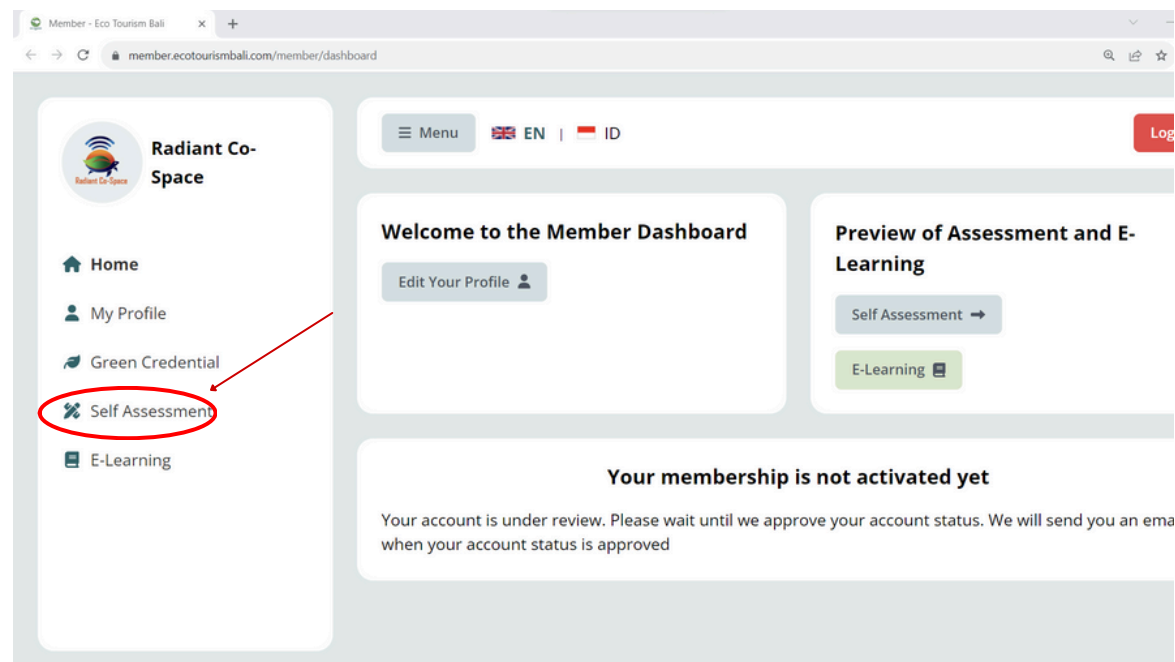
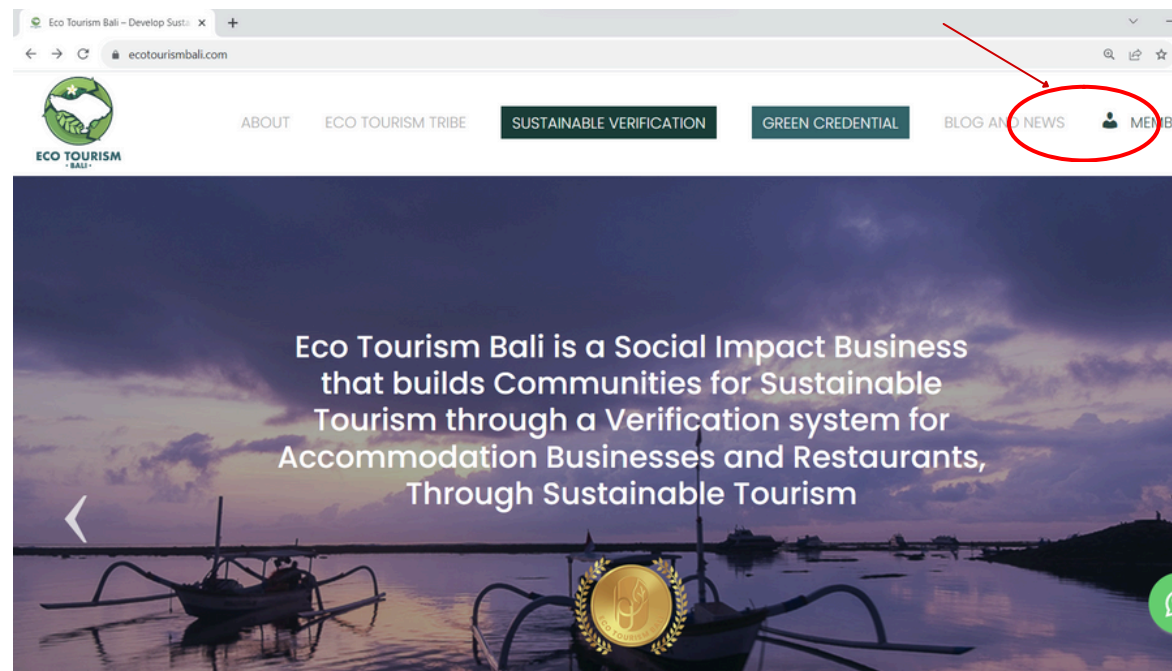
- | | |
|--|---|
| <ul style="list-style-type: none">• We have not recycled any waste• Paper waste• Carton /Cardboard waste• Glass waste• Metal waste• Plastic waste | <ul style="list-style-type: none">• Textile waste• Styrofoam waste• Food and organic waste• Cooking oil waste• Electronic waste |
|--|---|

Point(s)

Max = 10 points → Each checked products (✅) worth 1 point, except the first option (worth 0 point)

Source: [NI Business](#), [webstaurantsore.com](#), [Mahoney Environmental](#), [NRC](#)

Source: [Constellation.co](#), [Connect Our Future](#), [NYCGov](#)



Criteria 1. Avoid Endangered Species Products

Component A. Resource Conservation (1/10)

 **Criteria 1. Avoid Endangered Species Products**

Do you have a **policy** to avoid using **products** containing and/or made from **endangered species** in the following options at your hotel?

- Hotel furniture
- Food
- Hotel decorations/ornaments
- Fashion and crafts

Click [here](#) to see **examples of endangered species products** and **examples of policies**

Hotel to choose **one of the options** below that best represents their current condition

☐ No, we do not have policies on any of the options mentioned above

☐ Yes, we have a policy on 1 of the 4 options mentioned above

☐ Yes, we have a policy on 2 of the 4 options mentioned above

☐ Yes, we have a policy on 3 to 4 of the 4 options mentioned above

Criteria 2. Green Products Purchasing Policies

Component A. Resource Conservation (2/10)

 **Criteria 2. Green Products Purchasing Policies**

Do you have **policy** to encourage the purchase and use of **green products** for the following hotel operations?

- Bedroom amenities
- Bathroom amenities
- Public area
- Housekeeping
- Landscaping
- Kitchen and dining

Click [here](#) to see **examples of green products** in each hotel operations.

Hotel to choose **one of the options** below that best represent their current condition

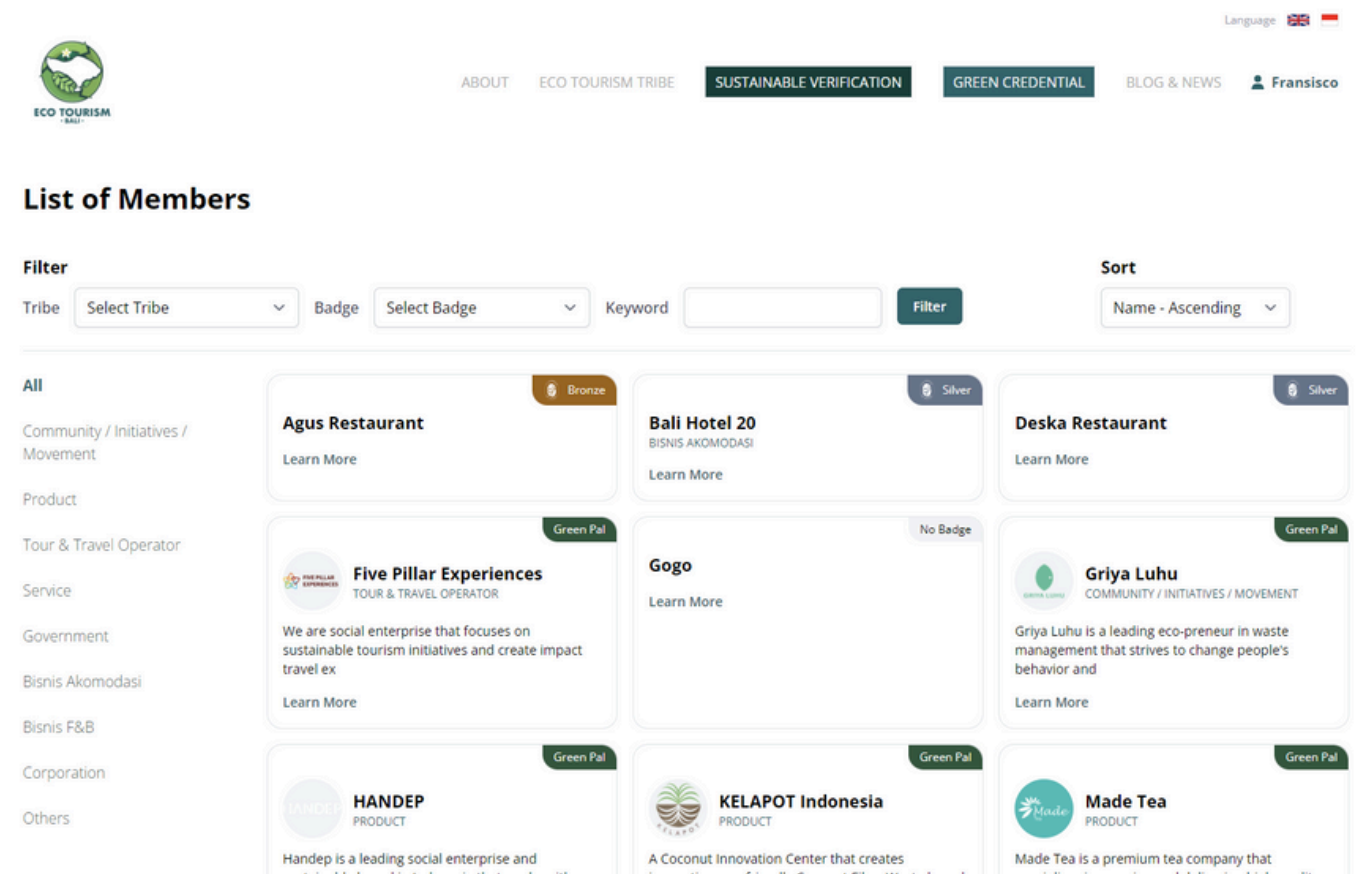
☐ No, we do not have policies on any of the hotel operations mentioned above

☐ Yes, we have policy on 1 of the 6 hotel operations mentioned above

☐ Yes, we have policy on 2 to 3 of the 6 hotel operations mentioned above

☐ Yes, we have policy on 4 to 6 of the 6 hotel operations mentioned above

*Gain immediate access to our one-time self-assessment tool, **valid for one years***

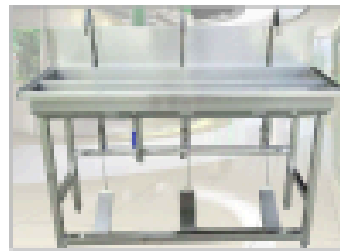
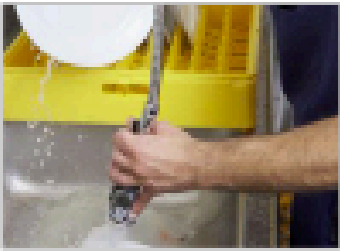


2. Water-saving equipment in kitchen



Detailed Explanations and Examples

Examples^a of Water-Saving Equipment in Kitchen

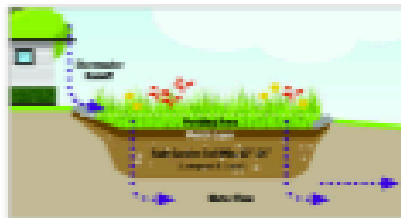
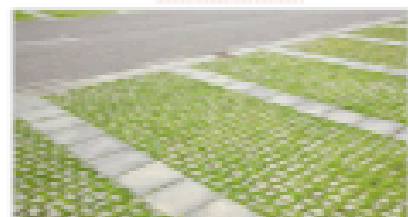
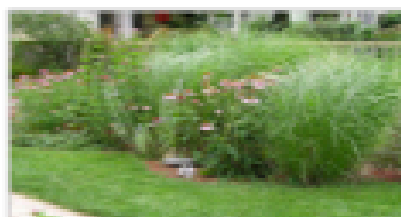
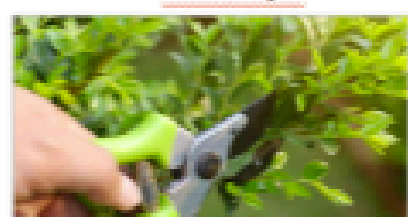
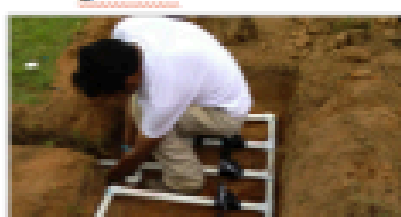
Water Flow Regulator	A water flow regulator regulates the water flow from the source by primarily reducing the pressure, and is typically installed before the water enters a building to prevent high pressure from damaging the plumbing or causing pipe bursts		
Pedal-Controlled Sink	A pedal-controlled sink is designed to be operated hands-free by using a foot pedal to control the flow of water. The pedal is usually located on the base of the sink or on the floor beneath it and is connected to the faucet via a mechanism that opens and closes the water valve; hence, minimizing water waste.		
Low water flow pre-rinse sprayer	Refers to a tool that utilizes a water spray to eliminate food particles and oily substances from dishes, utensils, and pans prior to their insertion into the dishwasher. A typical low-flow pre-rinse spray valve consumes only 1.6 gpm ^a and could save energy by reducing the volume of water that requires heating.		
Low water consumption cooking equipment ^a	a. Pressure cookers; use high pressure to cook food faster with less water, which makes them more water-efficient than other cooking methods. b. Steamers; use steam to cook instead of water, can also cook multiple items simultaneously, making them a water-efficient cooking method		

^aExamples only, business establishment may consider other examples not listed

3. Water conservation techniques in landscape



Detailed Explanations and Examples^a

Types of Techniques	Definition or Explanation		
Rainwater harvesting	Rainwater harvesting is a way to collect and store rainwater for later use, such as watering plants. This is done by collecting rainwater from hard surfaces (e.g. roofs) and storing it in containers (e.g. barrels)		
Rain garden	A rain garden collects rainwater from roof or driveway and directs it to a low area in garden, where it can soak into the soil. The soil acts like a sponge, holding water for plants and reducing the need to water them.		
Utilize land cover for water absorption	Land cover, such as grassed and planted areas and driveways with porous and permeable paving, are permeable surfaces that will allow water to easily penetrate into the soil.		
Plants selection	Selecting plants with low water needs and fewer pest problems can create a landscape that saves water, labor, and reduces pesticide use.		
Regular check and maintenance on irrigation systems	Irrigation system inspection for leaks and broken heads is recommended to be conducted twice a week to avoid water waste in landscape area.		
Plants maintenance	Plants maintenance through proper and regular activities (i.e. weeding and pruning) may reduce water usage and contribute to the health and longevity of plants.		

^aExamples only, business establishment may consider other examples not listed

List of low-water demand plants: [Link](#), [Link \(2\)](#), [Link \(3\)](#)

Kategori Pengadaan Industri Horeka

Category	Description	Key Sub-Categories	Examples
Food & Beverage (F&B): up to 75%	Items for guest consumption	Produce, Grocery, Beverages	Meat, vegetables, wine, coffee
Operational Supplies (OS&E)	Items used daily to operate and service guests	Guest Room, F&B Service, Housekeeping	Linens, amenities, cutlery, cleaning agents
Furniture, Fixtures & Equipment (FF&E)	Long-term, durable assets	Furniture, Fixtures, Equipment	Beds, TVs, ovens, laundry machines
General & Admin (G&A)	Office and administrative items	Office Supplies, Marketing, Uniforms	Printer paper, brochures, staff uniforms
Services	Outsourced expertise and utilities	Utilities, Maintenance, Security	Internet, waste collection, gardening
Sustainable Criteria	(A filter for all categories)	Local, Organic, Eco-friendly, Ethical	Local produce, bulk amenity dispensers, eco-cleaners

FACT & TREND

75% 3/9

Total carbon footprint comes from its supply chain (primarily food procurement). *kopernik

Bali is facing Water Scarcity – Subak Irrigation System is at Risk.
*PE3Nusra Bali

Travel 70,000 km
from source to plate

Importing food by
air freight is 100
times more CO₂

Hyperlocal Trend

76% of travelers look
for responsible
provider.
*Booking.com

Future Proof:
Local sourcing, Waste reduction, and Transparency?

Rahmi Fajar Harini – Eco Tourism Bali



ECO TOURISM
• BALI •



Re Imagine Bali's FB Scene

HYPERLOCAL TREND



1. Post-COVID re-localisation.
2. Consumer demand for provenance, health and values.
3. Chefs & hospitality leading cultural revival.
4. HORECA is a powerful local demand engine in island economies.
5. Preserves agrobiodiversity & cultural foodways.
6. Lower transport emissions and food miles.
7. Supports regenerative & lower-input farming.
8. Reduces waste through better timing & packaging.
9. Economic & social sustainability.

The Sustainable Procurement Guideline was built upon the existing sustainability roadmap for HORECA businesses and feedback received from the interviews with HORECA businesses

ETB Existing Guidelines



Desk Research and Interviews

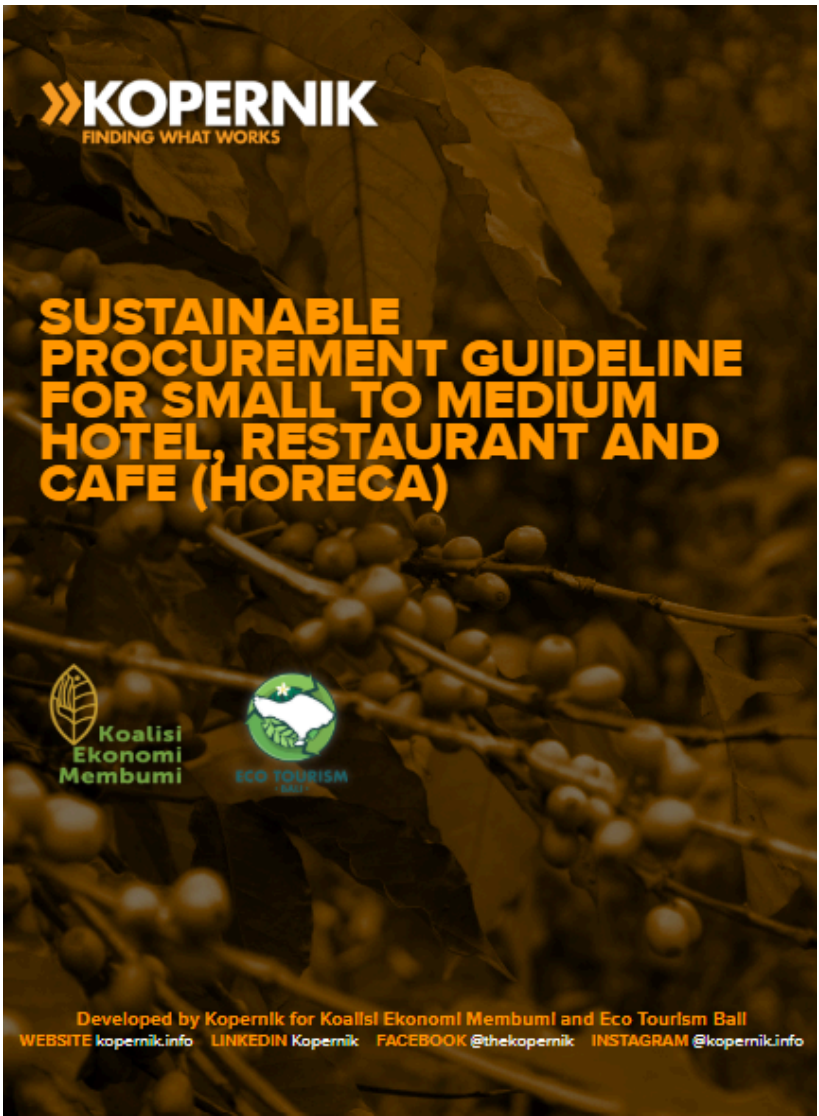
Desk Research:

- **The WEF Sustainable Procurement Policy** aims to support business in integrating sustainability into procurement process with and emphasis on environmental and social attributes applied to the value chain.
- **Research and studies** in green supply chain which provide insights into the importance aspect of green procurement (i.e suppliers selection, product evaluation, etc).
- **Other documents** (i.e guidebook of KEM)

Interview with hotels, restaurants, and suppliers

- The interviews aim to provide information into current practice of sustainable procurement in the industry, challenges, and needs.

Sustainable Procurement Guidelines



Assessment & SPG Development Process

The Sustainable Procurement Guidelines included three main sections and topics in each section, which were encapsulated in the form of guidelines and scoring system

3 Key Sections:



Section A Product Identification

Sustainable Development Goals





Section B Supplier Assessment

Sustainable Development Goals





Section C Logistic and Waste Management

Sustainable Development Goals



SPG with Key Sections and Topics

Covering **product identification, supplier selection and logistic and waste management** aspects.

Detailed Guidelines

- Consisting of
- Explanation of each section.
 - Performance indicators of each topics (i.e. from ‘more to less sustainable’).

Supplier Assessment Scoring System

34 questions with assigned weight and points for Horeca businesses to assess the sustainability of potential vendors or suppliers.

A.1 Product Materials and Ingredients			
← MORE		SUSTAINABILITY LEVEL	LESS →
F&B and Fresh Produce	A.1-1A Local/seasonal/organic produce (vegetables, fruits, herbs, spices) using natural, non-chemical fertilizers.	A.1-1B Conventionally farmed produce (vegetables, fruits, etc.) using pesticides and chemical fertilizers, but sourced locally or regionally.	A.1-1C Vegetables, herbs, fruits using high-chemical fertilizers and pesticides, often imported or out-of-season.
	A.1-2A Locally sourced meat, eggs, and seafood including from free-range poultry farming, wild-caught, non overfished seafood.	A.1-2B Meat, eggs, and seafood from small-to-medium scale farms (not necessarily organic or free-range).	A.1-2C Factory-farmed, mass production meat, poultry and overfished seafood, imported out-of-season produce.
	A.1-3A Other locally and ethically/indigenous sourced food, beverages, raw materials & ingredients (such as NTFPs: honey, chocolate, nutmeg, etc)	A.1-3B Other food, beverage, raw materials, and ingredients that are conventionally produced, without clear ethical or indigenous sourcing, but not linked to harmful labor or environmental practices (e.g., commercial but not exploitative chocolate, honey, or spices)	A.1-3C Other less ethical sourced food, beverage, raw materials & ingredients (e.g., linked to deforestation, child labor, exploitative trade practices).
Cleaning Products	A.1-4A Fully-degradable/non-toxic/ natural/low-chemical cleaning products	A.1-4B Standard cleaners with chemical ingredients.	A.1-4C Toxic or non-degradable cleaning products with high chemical ingredients.
	A.1-5A Supplier consistently use refill stations or work with small suppliers who offer refill options.	A.1-5B Occasionally, when refill options are available.	A.1-5C No, supplier only use single-use containers and do not engage in refill practices.

SECTION C - LOGISTIC AND WASTE MANAGEMENT

C.1 Distance and Delivery Method

1. Which of the following options best describes the location of the products you are aiming to procure or suppliers you are currently evaluating?
(Scoring: a=3, b=2, c=1)

a. Products are available in nearby areas, ideally within 30 km from hotel, restaurant and cafe and/or from same region or neighbouring area in close proximity to minimize carbon footprint.

b. Products are available in other regions or provinces within Indonesia, located far away from hotel, restaurant, or café (e.g., over 200 km)

c. Products are available overseas or in other countries (e.g., imported meat and dairy products), resulting in more emissions and higher cost

Answer Points Select your answer

2. How are the products delivered to your business by the supplier?
(Scoring: a=3, b=2, c=1)

a. Supplier conducts shared or group deliveries with other businesses using fuel-efficient vehicles, reducing fuel use, traffic, and carbon footprint.

b. Supplier opts for long truck journeys without route planning or shared loads, using fuel inefficiently or not fully optimized.

c. Supplier opts for airfreight or daily half-empty deliveries, leading to higher fuel usage and pollution.

Answer Points Select your answer

Level High

High

The Sustainable Procurement Guidelines covering product, supplier and logistic aspects, with a total of 34 questions to help Horeca assess their potential suppliers



Section A Product Identification

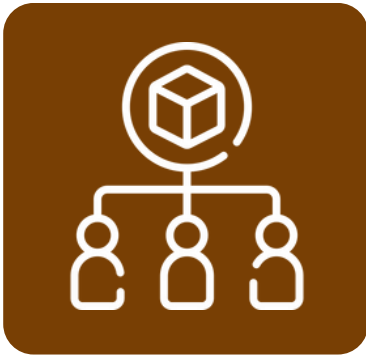
SDGs



Review on sustainable products offered by suppliers — like those that are **local, certified, reusable, or biodegradable**.

This helps reduce environmental impact and supports sustainable procurement goals.

3 Topics 15 Questions



Section B Supplier Assessment

SDGs



Evaluation on **suppliers ethical and sustainable practices**, like protecting the environment, treating workers fairly, and meeting legal standards - to ensure that they provide quality products while supporting social and environmental values.

3 Topics 12 Questions



Section C Logistic and Waste Management

SDGs



Focuses on how suppliers handle **delivery and manage waste**. It covers packaging, transport efficiency, and how they reduce, reuse, or recycle waste in the supply chain.

3 Topics 7 Questions

Implementing Strong Environmental Policies

Implementing strict environmental regulations, such as a green products purchasing policy, reduction of single-use products, energy-saving measures, and avoidance of products made from endangered species, etc.

Engaging Local Communities

Ensuring that local communities have a voice in the planning and implementation of development projects helps to align economic growth with environmental and social needs.

Investing in Green Technologies

Investing in renewable energy sources like solar panels, eco-friendly transportation, qualified wastewater systems, etc.

Corporate Social Responsibility (CSR)

Encouraging companies to adopt environmentally responsible practices, such as mangrove planting, coral restoration, tree planting, and turtle releases for biodiversity, can reduce the ecological impact of business operations



HOW WE CAN ASSIST YOU ON YOUR FORCE OF GOOD JOURNEY?

1	Membership	Eco Tourism Bali Member	Join our Member's Network to gain access for Sustainability Consultation, Training, Sustainability Supplier Directory and other Good Force perks.	
2	Sustainability Verification for Global Recognition	Eco Climate Badge	Provides clear guidelines, benchmarks, and recognition for businesses making measurable progress toward climate-friendly operations. A practical step for properties who want to align with both global sustainability goals and local cultural values.	
3	CSR Donation/ Volunteering for Nature Positive	Regenerative Bali Program	A hands-on initiative for companies, travelers, and communities to actively give back — from mangrove planting and coral restoration to sea turtle conservation.	
4	Sourcing, Networking & Awarding Day	Eco Tourism Week & World Tourism Day	Our annual platform to showcase sustainability innovations, share best practices, and connect changemakers across industries.	

**CREATE
THE
THINGS
YOU
WISH
EXISTED**

THE REIGN CLUB

**Thank
you!**