

Koh Jum Beach Villas Sustainability Report

Year 2023, Year 2024 and Year 2025

Prepared by John Fritzl Tarroza, Food and Beverage Manager on January 25,2025
(Updated September 2026)

This Annual Sustainability Report highlights the progress we've made in our environmental, social, and economic sustainability efforts over the past year. Through our dedication to sustainable practices, we have worked to minimize our ecological footprint, enhance community engagement, and create a positive impact on the local environment and community.

Introduction

On this report we compared the Year 2023, 2024 and 2025

On report we reflect on which area needs improvement for the upcoming year (2026)

Environmental Performance

Energy consumption	Total kWh	Average kWh per guest night	Total kg CO ₂ e	Average kg CO ₂ e per guest night
Year 2025	394,722	30.66	142,403.66	11.1
Year 2024	352,072.66	26.30	141,396.61	10.72
Year 2023	344,977.85	29.35	144,697.32	12.33

What worked well?

- Proper energy saving methods
- Signages and information around the resort premises
- As guest number increased from last year the goals and preventions have remained consistent

Recommended improvements

- Install more Solar panels to the resort
- Using of low energy equipment and methods
- Trainings for staff on how to save energy

Water consumption	Total m3	Average m3 per guest night	Total kg CO ₂ e	Average kg CO ₂ e per guest night
Year 2025	2,087	0.16	0	0
Year 2024	5,560	0.43	0	0
Year 2023	4,131	0.35	0	0

What worked well?

- A consistent use of own sourced water.

Recommended improvements

- More shallow wells installation to minimize deep well water usage in gardens
- As Guest occupation gets higher every year more ways to conserve water

Solid waste disposal	Total kg	Average kg per guest night	Total kg CO ₂ e	Average kg CO ₂ e per guest night
Year 2025	Landfill	Landfill	Landfill	Landfill
	0	0	0	0
	Incineration	Incineration	Incineration	Incineration
	2746.4	0.22	44.36	0.01
	Recycling	Recycling	Recycling	Recycling
	2338.7	0.19	45.80	0.01
	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic
	10885	0.85	86.55	0.01
	Total	Total	Total	Total
	15970.10	1.26	176.71	0.03
Year 2024	Landfill	Landfill	Landfill	Landfill
	0	0	0	0
	Incineration	Incineration	Incineration	Incineration
	3626.5	0.28	76.33	0.005
	Recycling	Recycling	Recycling	Recycling
	6076	0.47	133.05	0.010
	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic
	9674.6	0.75	85.38	0.0068
	Total	Total	Total	Total
	19377.1	1.5	294.76	0.0218
Year 2023	Landfill	Landfill	Landfill	Landfill
	0	0	0	0
	Incineration	Incineration	Incineration	Incineration
	2619	0.22	55.77	0.004
	Recycling	Recycling	Recycling	Recycling
	6319	0.53	134.55	0.011
	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic	Compost/Anaerobic
	9836.2	0.83	66.32	0.0056
	Total	Total	Total	Total
	18774.2	1.58	256.65	0.0206

What worked well

- Based on the report a strict practice of garbage segregation and recycling with enough staff training indicates that a small percentage of waste only increased even though guest occupation increased drastically
- More engagement with local and guest by proper guidelines for proper disposal
- A prominent signage and rules around the resort keeps the guest and staff aware of the proper garbage disposal

Recommended improvements

- **More ways to improve the proper garbage disposal and recycling**

Total emissions	Total kg CO₂e	Average kg CO₂e per guest night
Year 2025	142,580.37	11.08
Year 2024	141,396.61	11.08
Year 2023	144,953.99	12.33

What worked well

- **Energy saving methods**
- **Proper garbage disposal**
- **Using of local produce**
- **More training to the staff**
- **SOP and policy complied**

Recommended improvements

- **Improvements in Garbage disposal**
- **Improvements in reducing carbon footprints**
- **Improvements in proper energy saving**

Progress towards achieving goals

Goal: Installing of Solar Lamps around the resort to reduce electric consumption

Status: Done

Goal: Install 21 kW of solar

Status: Ongoing

Goal: Maximizing the production of organic garden

Status: Done

Goal: More supplier locally around Krabi

Status: Done

Goal: Upgrading of Laundry area and its equipment for a long-term energy saving

Status: Ongoing

Other progress

Goal: Donate to the local schools and community events

Status: Annual activity

Goal: More energy saving equipment and devices in the property

Status: Done and will improve more

Goal: modification of Restaurant menu by using local product both provincial and national

Status: Done and improving yearly

Goal: More Incentives, Loan programs and developmental training for staff.

Status: Ongoing

SENIOR MANAGER APPROVAL OF ANNUAL SUSTAINABILITY REPORT		
Signature	First and last name	
	Mark Labe	
	Job title	Date of approval
	General Manager	September 28, 2026