



# SUSTAINABILITY REPORT 2025

Roles and responsibilities for sustainable development  
in environmental conservation

Presented By: **Aava Resort & Spa**

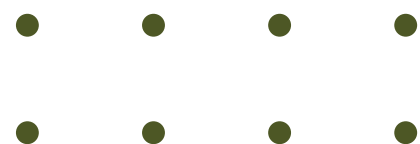
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# OUR MISSION

Aava Resort & Spa is a Finnish owned boutique resort located in the middle of pristine Khanom Beach. Aava's values breed from passion to create unique and responsible experience to holiday makers from around the world. In Aava Resort & Spa we want to combines Thai friendliness with Scandinavian quality, elegance and sustainable standards.



# OUR VISSION

Aava Resort & Spa as one of the first resort in Khanom is a pioneer in introducing pristine Khanom area to holiday makers from around the world. Our goal is to do whatever possible to remain the unspoiled beauty of the area. We support responsible tourism and would love to see the Khanom develop to a sustainable destination where people can still enjoy the clean and pure nature.





# OUR SUSTAINABILITY PLAN

Aava Resort & Spa is committed to promote responsible development for Khanom area. We would like to encourage our employees and customers to have awareness of responsible tourism and environmental consciousness. We want to work in the way that we can secure exceptional guest experiences while preserving our natural environment, supporting local community and operating with integrity for a greener future. With our actions we are committed to reduce greenhouse gas emission by reducing energy, water, waste and high emission food.

Environmental policies, objectives and goals are published. Information is shared with customers who stay in the resort. Sustainability report is available in resort website and social media channels.





# ENERGY MANAGEMENT

## Solar Power :

Over past years we have been increasing the amount of solar energy used in the resort. In the late 2021 we have installed 100kw solar inverter and our first solar panels.

During year 2024 we increased the size of solar power plant by installing new solar panels. For year 2025 our solar self-sufficiency was 30.39% compared 24.79% of total electric consumption on 2024. Therefore our self-sufficiency of electric consumed increased 22.59%

## other energy saving measures :

- We use only low-energy conserving LED lighting in guest rooms, public areas and back of the house.
- All guest rooms are equipped with key tags that automatically switch off air-con and lighting once leaving from the room.
- All staff are well trained for energy conservation during their day-to-day operations.
- Guest are encouraged to save energy during their stay by switching off air-con when doors are open or guest leaving the room.





# ENERGY MANAGEMENT

Our goal to reduce greenhouse emission at least 1% for year 2026 compared to year before.  
To reduce greenhouse emissions, we are planning the following actions for year 2026 :



**We are planning to install new solar panels to the roof of restaurant building.**



**Upgrade water pump inverter to automatically reduce the power of water pumps while water pressure is not needed.**



**We will install door sensors to switch off air con automatically when the door is left open.**



**We will be looking for new measures to reduce packaging in purchased goods, reduce usage of plastic garbage bags and generating less waste in all departments.**



# ENERGY MANAGEMENT

This is the comparison of different sources of energy consumed in our daily operations during year 2024 and 2025.

Even the total energy consumption has decreased 3.73% however even with small decrease in total electric usage the emission has decreased significant 13.6% due to cleaner energy sources. Usage of diesel fuel has increase over 50% compared to the last year. This is mainly due to expansion of tour and transfer business. During year 2025 we run more tours and transfers internally and use less outsourced services. Due to reduction of emission in electric usage and increase in diesel fuel usage our total carbon emission remaining nearly same as year earlier.

	Energy Consumption				Increase / Decrease
	2024		2025		
	Total	Per Guest / Night	Total	Per Guest / Night	
Mains Electricity and Gas (kWh)	364,190	26.66	350,614	26.55	-3.73%
Mains Electricity (kg CO <sub>2</sub> e)	113,964	8.34	98,463	7.46	-13.60%
LPG Gas for Cooking (kWh)	71,658	5.24	79,620	6.03	11.11%
LPG Gas for Cooking (kg CO <sub>2</sub> e)	15,369	1.12	17,077	1.29	11.11%
Diesel Fuel for Guest Transportation (kWh)	85,418	6.25	130,858	9.91	53.20%
Diesel Fuel for Guest Transportation (kg CO <sub>2</sub> e)	20,598	1.51	31,556	2.39	53.20%
Total Kilowatt Hours (kWh)	521,266	38.15	484,181	36.67	-7.11%
Ave kWh Per Guest Night	38.15	0.00	42.49	0.00	11.38%
Total Energy Emissions (kg CO <sub>2</sub> e)	149,932	10.97	147,096	11.14	-1.89%





# WATER MANAGEMENT

- ➔ We have installed water meters around different areas of the resort to monitor water flows daily to discover any water leakage or other unusuality in water consumption.
- ➔ We monitor waterflows in bathroom facilities to keep them on sufficient level as follows shower (<10 liters per minute), toilet (<6.5 liters per flush), sink (<5 liters per minute) and urinals (<2 liters per flush).
- ➔ Invite customer to reduce water usage by reducing the change of bed linen and towels.
- ➔ Monitor and minimize the water usage in pool washing procedure.
- ➔ All staff are trained for water saving during their day-to-day operations.





# WATER MANAGEMENT

The water consumption has increased 8.44% compared to last year. However we are still about 4% below the water usage of 2023. We will look for new measures to reduce water usage further. As example of our goals is sourcing a small water treatment plant that would allow us to reuse the waste water.

Water Consumption					
	2024		2025		
	Total	Per Guest / Night	Total	Per Guest / Night	Increase / Decrease
Mains Water (m <sup>3</sup> )	7,480	0.55	8,111	0.61	8.44%
Mains Water (kg CO <sub>2</sub> e)	1,114	0.08	1,208	0.09	8.44%
Ave. consumption per guest night (m <sup>3</sup> )	0.55	0.00	0.61	0.00	10.91%
Total Water Emissions (kg CO <sub>2</sub> e)	1,114	0.08	1,208	0.09	8.44%





# WASTE MANAGEMENT

- We don't use any single use plastics in the resort. Room amenities including bamboo cotton buds, bamboo toothbrushes and bio-plastic shower caps. Our restaurant use reusable bamboo straws and minimize the use of plastics.
- We use refillable glass water bottles as room amenities.
- Use refillable shampoo and soap containers.
- We provide cloth bags for laundry and woven bag for shopping and to the beach.
- We reuse most of our old linens. For example old bed sheet will be cut and reused as hand towels.
- Old towels will be sold to staff or used as cleaning equipment.
- Organizing a waste separation policy in customer areas and back of the house
- Reduce waste by using reusable food containers, refillable glass bottles, reusable bamboo straws etc.
- We recycle all possible waste such containers, cans, plastics, etc.
- During year 2025 we reduced the usage of plastic garbage bags about 280kg compared to year earlier



# CHEMICAL WASTE



The hotel uses chemical management of chemical waste, implementation of good practices and compliance with relevant and legal standards.



Choosing chemicals that are not toxic to human health and the environment whenever possible.





# WASTE MANAGEMENT

Year 2025 is the first year to compare the amount of waste generated compared to year earlier. The waste emission has increased 24.35% when more waste is ending into landfill instead of recycling. During the year 2026 we will look for different measures to reduce waste emission, using more recyclable materials instead of non-recyclable waste that's ending in landfills.

Waste Management					
	2024		2025		Increase / Decrease
	Total	Per Guest / Night	Total	Per Guest / Night	
Composted (Kg CO <sub>2</sub> e)	73	0.01	82	0.01	12.02%
Landfill (Kg CO <sub>2</sub> e)	3,895	0.29	4,897	0.36	25.72%
Recycled Waste Emissions (kg CO <sub>2</sub> e)	120.81	0.01	105.40	0.01	-12.76%
Total Solid Waste emissions (Kg CO <sub>2</sub> e)	4,089	0.30	5,085	0.37	24.35%





# SOCIAL & ENVIRONMENTAL POLICIES



## **QUALITY ASSURANCE**

Aava Resort & Spa is committed to maintaining high standards and ensuring quality for our guests, staff, and other stakeholders. We regularly seek feedback from our staff and guests about their experience with us and use this information to continually improve our operations.



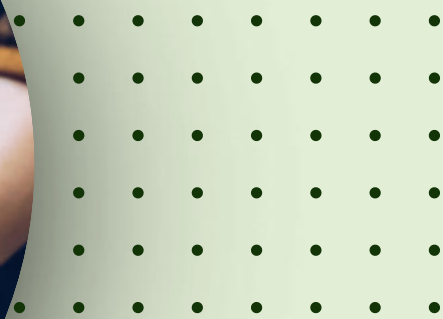
## **ENVIRONMENTAL**

We understand the importance of protecting the environment and we are committed to managing our business in a way that minimized and reduces our impact on the environment.



## **HEALTH AND SAFETY**

We recognizes and accepts it's health and safety duties for providing a safe and health working environment for all its workers and other visitors.





# SOCIAL & ENVIRONMENTAL POLICIES



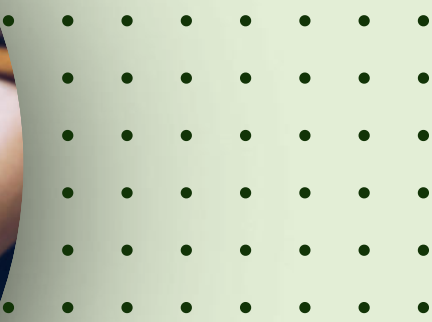
## **LABOR AND HUMAN RIGHTS**

Aava Resort & Spa is committed to managing its business in a way that complies with nationally and internationally recognized labor standards and human rights. We recognize our responsibility to respect and protect these rights in our relationships with our employees, guests, suppliers, local community, and all other business stakeholders. The hotels does not tolerate any form of harassment or discrimination, including discrimination based on gender, age, nationality, skin color, sexual orientation, or union activity.



## **CHILD SAFEGUARDING**

Our management and staff are committed to the safeguarding of children from both general and sexual exploitation. We understand our unique position to help identify, prevent, and report instances of child exploitation and abuse which take place within or near the hotel premises.





# SOCIAL & ENVIRONMENTAL POLICIES



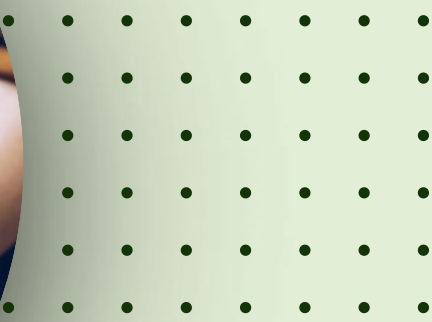
## COMMUNITY ENGAGEMENT

We are committed to support and work with the local community in which we are based. We are committed to operate our business in a way that helps to preserve and promote the culture and heritage of the destination as well as the local economy. We believe that maintaining a constant dialogue with our local community is crucial in order to ensure that we are contributing to the well-being of local people and their living environment.



## ANIMAL WELFARE AND WILDLIFE

We ensure that any activities which involve wildlife are done in line with established codes of practice for contact with animals. We recognize the vulnerable conservation status of the Pink Dolphin and ensure that tours don't disturb their living conditions. All contacts with the animal are not allowed. During the tour we only observe the dolphin from distance.





# SOCIAL AND ENVIRONMENTAL ACTIVITIES & PROJECTS 2025

Where possible, we give preference to local and regional products and services. We source our fruit and vegetables from local farms and fish and seafood from local fishermen. We share our values to our suppliers and expect them to follow responsible business practices.

Aava Resort & Spa organize beach cleaning activity weekly. We encourage our customers, friends and suppliers join these activities. We also work together with local organizations such as Trash Hero, Khanom to clean the nature and surrounding in the area. For beach cleaning activities we send any available staff to join. Most of our customers appreciate our sustainability efforts. Normal participation rate within our customers is 20%-30%. The average group size is about 20-30 people. Our goal is to continue these activities weekly throughout the year 2026.

We sponsor local schools and organization in their recreational activities such as children's day or other local events.

In December 2025 we hosted and sponsored Techathon 2026 project grand opening event. Techathon Teens is AI project aims to promote inclusive and equitable quality education to all reducing inequality by addressing disparities in income, age, sex, disability, ethnicity, religion and economic status. It promotes equal opportunities to ensure sustainable development for all. Aava Resort will continue supporting this and other similar projects over 2026.

Besides of the activities mentioned. For 2026 we have set a goal to sponsor one local primary school and organize environmental education for primary school children. We wish to organize educational beach cleaning activity together with school children at least once during the year.





# HELP US TO DO BETTER

We would like to ask your help and advise to improve our sustainable and environmental practices. We encourage our staff, customers, suppliers and public to give us suggestions for improvements. We are committed to continuous improvement in our practices. Together we can make the world a better place.





# THANK YOU!

**DONE • ON GOING • TO BE CONTINUED**



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