

# Building a Better World for a Sustainable Future



In today's world, efficient use of resources is essential for creating a better world and achieving sustainable development. Inefficient management of energy, water, and waste can lead to higher costs and expose businesses to risks from resource volatility. Excessive water consumption can contribute to water scarcity, while the growing amount of industrial and electronic waste not only harms the environment through pollution and toxic contamination, but also subjects businesses to stricter environmental laws and regulations. At JAS, we recognize the importance of utilizing resources efficiently, reducing environmental impacts, and fostering a balanced ecosystem to ensure both business and social sustainability.

JAS is committed to contributing to a sustainable future by conducting business in line with the principles of resource efficiency and environmental responsibility. This commitment is reflected in our efforts to develop and improve measures that reduce energy and water consumption, alongside implementing systematic waste management practices that minimize waste disposal. This is particularly important for electronic waste, which requires careful handling according to established standards. Additionally, JAS supports collaboration with partners across all sectors to drive environmentally friendly practices as we firmly believe that the positive changes today will bring a better future for tomorrow.

## Operational Guidelines

- Establish and implement environmental policies to minimize environmental impacts and enhance sustainable development

- Improve energy efficiency, reduce unnecessary use of energy, and decrease greenhouse gas emissions
- Manage water use and reduce excessive water waste, as well as implement water treatment measures in line with standards
- Encourage stakeholder engagement in developing environmentally friendly products
- Enhance personnel capabilities through training courses, campaigns, and activities to promote environmental responsibility across the organization
- Disclose environmental performance in a transparent manner

## Environment Policies and Practices

JAS conducts business with a strong emphasis on sustainable environmental preservation. We are committed to limiting resource use while safeguarding the environment and reducing both direct and indirect impacts of our business operations to preserve the environment for future generations. We adhere to national and international laws and regulations, including ISO 14001 (Environmental management) and ISO 50001 (Energy management)



For more information about JAS environmental policies and practices

Please visit our website at  
“Sustainability Overview” Section  
or scan QR code.



## Energy Management

JAS emphasizes on efficient energy consumption by encouraging employees to actively participate in initiatives designed to reduce energy use. These initiatives include unplugging electronic devices after use, performing regular air conditioner maintenance, turning off lights during lunch breaks, and opting for energy-saving devices. Furthermore, we are committed to cultivating an energy conservation culture across the organization, with a focus on reducing unnecessary energy consumption in electric systems and air conditioners, and implementing measures to ensure that electronic devices are in optimal condition.



**Goal:** Reduce electricity consumption by 5% by 2025

In 2024, the Company consumed a total of 464,307 kilowatts of electricity, amounting to 2,876,894 Thai baht (covering usage on floors M, 9, 11, 29, and 30).



### Performance

Total Electricity Consumption	Unit	2021	2022	2023	2024
	Kilowatt	100,156	281,159*	429,519**	464,307**
	THB	568,395	1,742,070*	2,850,035**	2,876,894**

\*From October 1, 2022 onwards, employees have returned to working from office after working from home.

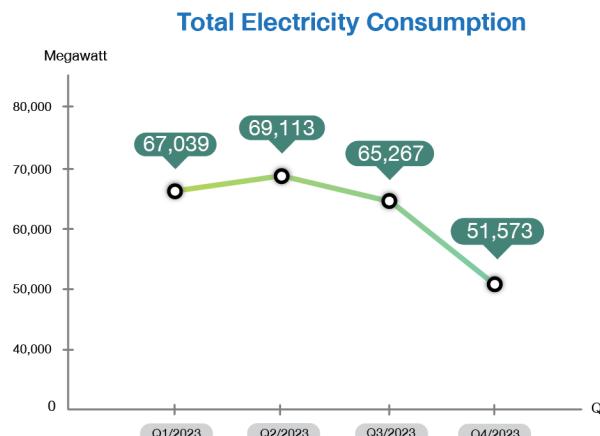
\*\*The figures for 2023 covered electricity consumption on floors M, 9, 29, and 30, with the 2024 data expanded to cover areas on floors M, 9, 11, 29, and 30.

In addition to reducing energy usage in daily operations, JAS has implemented initiatives to specifically enhance energy conservation. One notable project launched in 2024 is the "We Rest, Earth Rests, 1-hour Lights Out" campaign,

which aims to minimize energy use during designated time and promote environmental awareness on energy preservation.

## “We Rest, Earth Rests, 1-hour Lights Out”

The campaign, which started in the fourth quarter of 2024, involves turning off lights during lunch break every Tuesday and Wednesday, on the 29<sup>th</sup> floor of Jasmine International Tower. This has successfully reduced electricity usage by 13,694 megawatts compared to results from the third quarter. The project helps reduce energy cost and minimize the environmental impact, aligning with JAS's goal of sustainable and efficient energy use.



**Goal:** Reduce water consumption by 5% by 2025

## Water Management

JAS recognizes the importance of efficient water management and aims to reduce water consumption, as well as enhance water conservation awareness across the organization to reduce excessive use. We have implemented measures to inspect and improve water distribution systems within the building to ensure efficiency, and adjusted water flow rates to appropriate levels in the office, service centers, canteen, washbasins, and sanitary fixtures to reduce excessive use. In 2024, water consumption decreased by 33%, achieving our goal of sustainable water management.

## Performance

Total Water Consumption	หน่วย	2021	2022	2023	2024
	Cubic Meter	261	1,430*	2,546**	1,694**
	THB	5,220	28,554*	50,912**	33,885**

\*From October 1, 2022 onwards, employees have returned to working from office after working from home.

\*\*The figures for 2023 cover electricity consumption on floors M, 9, 29, and 30, with the 2024 data expanded to cover areas on floors M, 9, 11, 29, and 30.

For wastewater management, JAS ensures systematic operation complying with relevant standards. We maintain and regularly assess water quality to minimize the impact on the environment and neighboring communities, which is crucial for achieving business sustainability.



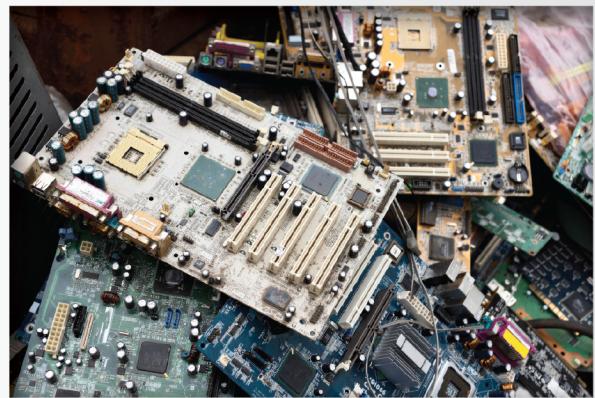
**Goal:** Reduce electronic waste  
by 20% by 2025

In 2024, JAS launched campaigns to manage waste more efficiently and enhance recycling efforts to reduce waste and encourage the optimal use of resources in line with circular economy principles.

## "Ting to Trash" Project

This program aims to enhance waste sorting efficiency by collecting various types of waste within the organization for recycling. This helps reduce waste disposal and encourage employees to collaborate in donating and sorting recyclable waste, as well as minimize greenhouse gas emissions, contributing to long-term environmental conservation.

## Electronic Waste and Waste Management



JAS is aware that technological development and rapid changes in this digital era have led to an increased use of electronic devices. Without a proper waste management system, these devices can become electronic waste (e-waste), which may harm the environment and public health through contamination of heavy metals and hazardous chemicals. To prevent this, JAS prioritizes the implementation of a systematic e-waste management program, incorporating the 3Rs principle: Reduce, Reuse, and Recycle. We also apply the circular economy model by sourcing electronic waste, reducing resource use, and encouraging employees to use eco-friendly products.

## Performance

Total Waste Sorted	Unit	Plastic	Papers	Cans	Food Waste
	Kilogram	240	2,704	149	22

Reduce greenhouse gas emissions by 7,535 KgCO<sub>2</sub>eq.

## “JAS EXPO” Project

This project aims to reduce recyclable waste and promote sustainable resource use by collecting second-hand assets and equipment for employee purchase. This allows these assets to be reused, fostering sustainable resource management. The assets sold are as follows.



Performance					
Quantity (pieces)	Furniture	Computer Equipment	Network Equipment	Electronic Devices	Office Supplies
	406	115	78	115	90
<b>Total</b>					<b>804</b>

Additionally, JAS has initiated various waste management and sustainable resource use projects, which help reduce waste and encourage employee engagement in sustainability efforts within the organization and neighboring communities. These projects include

Project	Description	Outcome
Trash for Eggs	Accepting plastic waste donations from employees at Jasmine International Building to exchange for eggs during Mother's Day activities. The recyclable plastic was delivered to Wat Chak Daeng, Samut Prakan, to produce monk's robes.	Succeeded in recycling a total of <ul style="list-style-type: none"><li>• 10,775 plastic bottles</li><li>• 730 aluminum cans</li></ul>

Project	Description	Outcome
Trash for Good, Bottles for Monk's Robe	Collecting plastic bottles and donating to Wat Chak Daeng, Samut Prakan, where they were transformed into monk's robes.	Succeeded in recycling a total of <ul style="list-style-type: none"> <li>• 4,111 plastic bottles</li> </ul>
Push Forward Organization with 5S Power	Offering training through the SET e-learning course "CE102: Sustainable Waste Management" and organizing a campaign for employees to arrange their work areas based on the 5S principles (Sort, Set in Order, Shine, Standardize, and Sustain) by dividing responsibility areas for each department to manage waste.	60 employees from 8 departments participated
Green Harmony	Strengthening friendly relationships among employees while enhancing waste management skills through various activities that focus on sustainability.	Promoting collaboration among employees while creating environmental awareness

These projects demonstrate JAS's commitment to managing waste efficiently while ensuring valuable resource use across the supply chain, creating positive impacts to the environment and society.