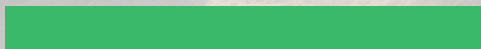




Annual Environmental Operations for 2024

Jaymart Group Holdings Public Company Limited





Driving Environmental Business

Jaymart Group Holdings Public Company Limited and its subsidiaries (the Company) realize the importance of environmental care and protection in every business process. With social responsibility, the environment and long-term sustainability, the organization has established a clear environmental policy that focuses on integrating environmental principles into its operations in order to be in line with the national mission to reduce the impact of greenhouse gases, including preventing and reducing pollution that may arise from business operations, by managing energy and natural resources with the highest efficiency. This environmental policy reflects the Company's practices in environmental conservation and creating good awareness in the organization. In addition, it supports sustainable development in all dimensions of the Company by integrating environmental principles into the Company's operations in the long term to ensure that the Company's growth occurs in conjunction with environmental care and sustainability for the future.

Environmental management commitments and goals

Jaymart Group Holdings Public Company Limited is committed to managing and reducing environmental impacts related to business operations in order to be in line with the country's goals by adapting and responding to risks from climate change, including physical risks covering disasters and crises, as well as transition risks resulting from rapid changes in policies, rules and regulations that affect business operations. The Company must therefore take into account environmental factors and greenhouse gas emissions, which are important issues that must be seriously addressed. The Company has set policies that focus on enabling the Group's operations to coexist harmoniously and sustainably with surrounding communities and the environment in the long term, while also building confidence among customers that the Company will be able to deliver the highest quality services, along with a firm responsibility for environmental conservation through operations that promote energy conservation and the promotion of biodiversity in a tangible manner. In addition, the Company has always been aware of the importance of environmental operations, and has developed policies and guidelines to drive sustainable business operations by implementing effective environmental management models and systems to encourage employees at all levels to be aware of environmental conservation, starting with themselves and expanding their responsibilities to a wider level, while also committing to conducting business under the principles of sustainable development to create a balance between business growth, social responsibility and environmental conservation, and to promote continuous and stable growth in the long term.

Environmental management goals

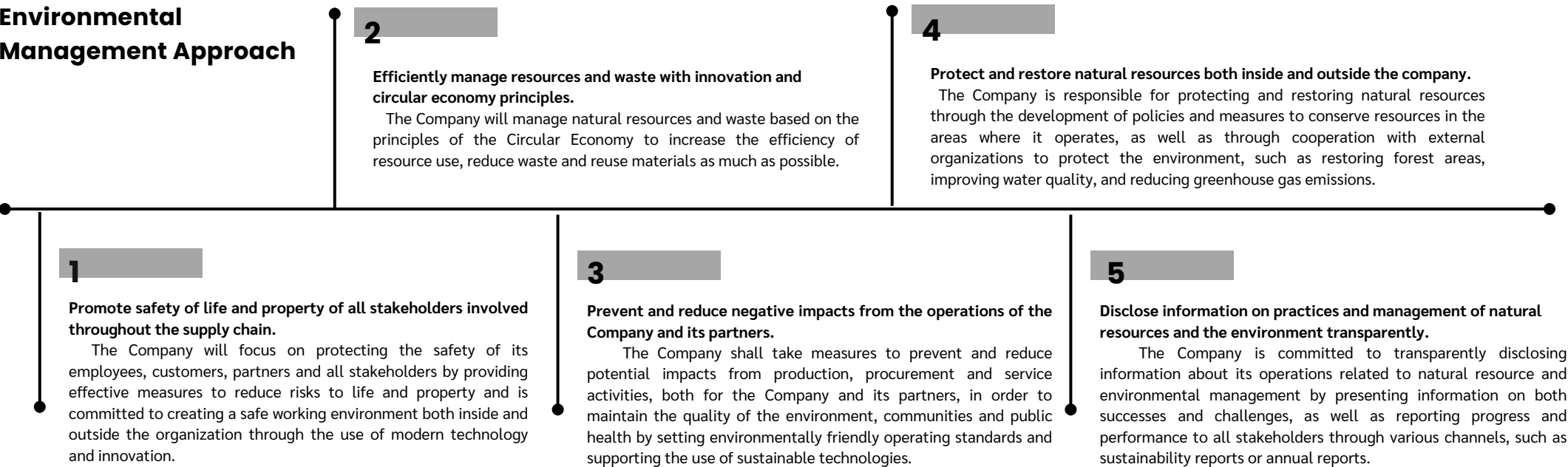
Carbon Neutrality Organization
by the Year

2050

Aiming for Net Zero Emissions
by the Year

2065

Environmental
Management Approach



Environmental Policy



Jaymart Group Holdings Public Company Limited and its subsidiaries (the Company) realize the importance of integrating the principles of environmental responsibility into a systematic and sustainable part of the operation process. The goal is to create an organizational culture that promotes environmental conservation in all work sectors, covering from operational employees to senior executives and all stakeholders by creating environmental conservation awareness, reducing unnecessary resource usage and efficient resource management, as well as focusing on the use of renewable resources and clean energy to ensure that the organization's operations are in line with sustainable development goals. In addition, the organization has initiated and supported continuous development of work processes to prevent pollution problems from the beginning by improving the operation process and efficient natural resource management, including reducing the amount of greenhouse gases from the Company's operations to be in line with the national greenhouse gas management guidelines. Under this environmental policy framework, the Company has also determined to regularly evaluate and review its environmental operations, monitor performance, analyze data, and adjust various guidelines to suit the changing environmental situation at both the national and global levels, in order to achieve the sustainable development goals in the long term. This policy has been signed and approved by the Board of Executives, who have the highest authority to oversee and monitor the organization's environmental operations, and has been officially announced. It has comprehensive guidelines and focuses on continuous improvement of operations to create positive impacts on the environment, society, and economy, as follows:



Environmental Policy

Environmental Management Practices

- 1.The Company strictly complies with the regulations set by law, including local laws related to the environment, and regularly monitors and assesses compliance with these regulations to ensure compliance with the required standards.
- 2.The company operates its business with environmental and social responsibility through the management of natural resources and waste, adhering to the principles of the Circular Economy to increase the efficiency of resource use, reduce waste, and reuse materials as much as possible, while also using technology and innovation to improve the production and management processes to minimize the impact on the environment and surrounding communities.
- 3.The Company shall take measures to prevent and reduce negative impacts from the Company's and its partners' operations that may arise from production, procurement and service activities, both on the Company's and its partners' part, in order to preserve the environment, communities and public health by setting environmentally friendly operating standards and supporting the use of sustainable technologies.
- 4.The Company supports the creation of environmental awareness by organizing training, public relations and providing environmental knowledge to employees and stakeholders to prevent possible negative impacts on the environment and create a sustainable society.
- 5.The Company is committed to transparently disclosing information about its operations related to natural resource and environmental management, presenting both success and factual information, and reporting progress and performance to all stakeholders through various channels, such as the annual sustainability report.
- 6.This policy shall be enforced on the Company and disseminated to the public for stakeholders to be aware of. Compliance with the policy shall be measured and verified by internal departments and/or external independent departments. The Company considers compliance with this policy to be the duty and responsibility of all levels of employees, including key business partners, who must strictly comply in order to create sustainability both at the corporate level and for society at large.

Performance Results

Number of cases or incidents of environmental law violations

0 (case)

The value of damages or fines resulting from violations of laws or creation of environmental impacts.

0

Biodiversity and forest conservation

In the context of climate change that is becoming more severe, which directly affects biodiversity and ecological balance, Jaymart is aware of the significance of these impacts and is committed to conducting business with consideration for sustainability in every step of the value chain, from transportation processes, water and energy resource usage, warehouse management to distribution, recognizing that these activities may cause negative impacts on the environment and biodiversity if not properly managed and controlled.

For this reason, Jaymart has established a formal biodiversity policy, approved by the Board of Directors, to demonstrate its commitment to reducing the environmental impact of the Company's operations. This policy provides clear guidelines for monitoring and controlling potential ecological risks from the Company's activities, with an emphasis on implementing a systematic mitigation plan through the use of the Biodiversity Mitigation Hierarchy as a framework for operations, consisting of the following key steps:

- Avoidance to reduce encroachment and impact on important natural areas.
- Reduce using processes that minimize environmental damage.
- Restore to restore the affected area to its original condition.
- Offset to replace natural resources in other areas when necessary.

Jmart's Biodiversity Policy has the ultimate goal of conducting business in line with creating ecological balance and being responsible for biodiversity. It has a clear goal of preventing the loss of biodiversity value (No Net Loss - NNL) and is committed to protecting forest areas to prevent net loss (No Net Deforestation). Jmart will continuously monitor and evaluate the implementation of this policy to ensure that we can conduct business sustainably and help conserve the environment for the future.

In its current operations, Jaymart demonstrates its commitment to managing and preserving biodiversity in the areas where the Company operates in accordance with relevant laws, regulations and requirements, with the primary goal of avoiding any potential negative environmental impacts arising from the Company's operations.

It also has a clear policy to avoid implementing projects or business development in areas of conservation importance or fragility to biodiversity, such as UNESCO World Heritage Sites, areas protected by the International Union for Conservation of Nature and Natural Resources (IUCN) Category I-IV, a classification system for protected areas, including national parks, wildlife sanctuaries, and areas protected under local laws.

Focusing on preventing encroachment and destruction of ecosystems in areas of biological importance to ensure that J-Mart's activities and operations are environmentally friendly and natural resources-friendly.

In addition, Jmart places importance on listening to the voices of communities and all stakeholders who may be affected by the company's activities. The company has established a mechanism for receiving complaints and communicating with communities and stakeholders in accordance with human rights principles that are in line with international standards to ensure that the views and concerns of nearby communities are properly considered, especially in terms of biodiversity conservation and sustainability. Jmart also focuses on preventing and mitigating negative impacts on the environment, which will help promote truly socially and environmentally responsible development.



Scan to study Biodiversity Policy

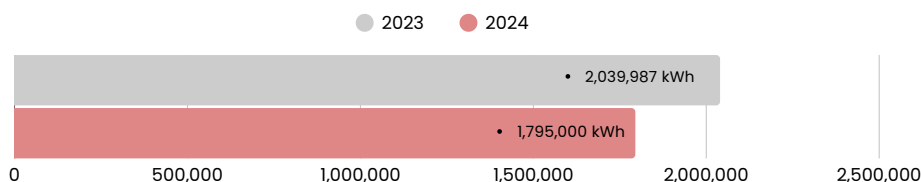
<https://www.jaymart.co.th/storage/document/company-policy/biodiversity-policy-th.pdf>



Energy Management

Energy management goals and performance

Target: Reduce the amount of electricity purchased from outside by 3% compared to the previous year.



- **Performance results:** In 2024, the amount of electricity used purchased from outside decreased by 12% compared to 2023.

Importance

Energy consumption in the company's operations is one of the important factors affecting climate change. Jaymart is committed to conducting business with quality along with environmental conservation, emphasizing efficient and sustainable energy use. The company has planned and set goals for environmental management and energy conservation through various projects and activities to recognize the importance of reducing energy consumption in the group of companies. Energy consumption in the company's operations, such as electricity consumption for computer systems, air conditioning systems, indoor lighting systems, and fuel consumption for transporting goods and traveling, all result in greenhouse gas emissions that contribute to global warming. In addition, if an energy crisis occurs, such as a shortage of electricity, it will affect the operation of computer systems and office equipment, which may cause business disruptions. Or if there is a shortage of fuel, the company will not be able to distribute products efficiently.



Energy Management Guidelines

To cope with the energy crisis and its potential impacts, the Company has focused on efficient and sustainable energy management, aiming to reduce energy use and reduce dependence on external energy sources. The Company's commitment to solving this problem is in line with the goals set by the United Nations Framework Convention on Climate Change (UNFCCC), which aims to address global climate change caused by greenhouse gas emissions resulting from human activities and excessive energy consumption. In terms of operations, the Company has initiated various projects focusing on energy conservation and greenhouse gas emissions reduction. One important project is to increase the proportion of renewable energy use, especially solar energy, which can be used sustainably and is not affected by natural resource shortages. In addition, the Company has implemented energy conservation projects focusing on cost-effective and efficient use. These projects focus on reducing energy use in the Company's various activities, such as electricity use for computer systems, air conditioning systems, and lighting systems in buildings, through more efficient energy control, reduced unnecessary energy waste, and the introduction of energy-saving technologies in various devices to reduce unnecessary energy use. In addition, the Company has initiated a reduction in the use of equipment or tools that create pollution or use excessive energy, in order to align with environmental conservation goals and reduce the environmental impacts that may occur from the Company's energy use. This is to maintain the rate of continuous reduction in externally purchased energy use, while promoting activities related to reducing carbon emissions whenever possible.

Implementation in 2024

Management of energy consumption proportions

The company has a policy that focuses on using energy efficiently to reduce the impact on the environment and climate change. The guidelines are to increase the use of electricity from renewable energy sources and increase energy efficiency. In 2024, the company's energy use will cover the area of the head office building from two types of energy sources: non-renewable energy sources and renewable energy sources, as follows:

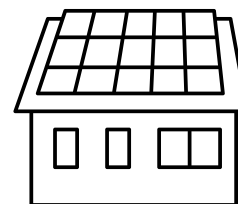
From depleted energy sources

Electricity from direct production sources in 2024 uses electricity from the Metropolitan Electricity Authority of all energy used, used for air conditioning systems, lighting, and normal activities within the company, amounting to 1,795,000 kilowatt-hours, or 86.48 percent.

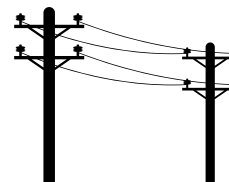
From renewable energy sources that are naturally renewable

The company is committed to using renewable energy to generate electricity, starting with the installation of Solar Rooftop panels on the roof of the head office building, which is installed by JGS Synergy Power Co., Ltd., a subsidiary of Jaymart, which operates renewable energy businesses with integrated services. In 2024, electricity generated from renewable energy sources, or Solar Rooftop, is 242,700 kilowatt-hours, or 13.52 percent of total energy used.

Proportion of total energy use in 2024 (percent)



Solar Rooftop
242,700 kWh
13.52%



Electricity purchased from outside
1,795,000 kWh
86.48%



Data Center Energy Management Plan

The Cold Aisle Containment system installation in the data center of Jaymart Group Holdings Public Company Limited is one of the important measures that reflects the company's commitment to efficient energy management. This system is designed to control the temperature management within the data center appropriately by separating the cool air released from the air conditioning system and the hot air released from IT equipment to prevent improper air circulation that may affect the efficiency of the computer system. This zone separation allows the IT equipment to work in the most suitable environment by maintaining the appropriate temperature for operation, reducing the risk of damage that may occur from heat accumulation, which may lead to system disruption. In addition, the Cold Aisle Containment system also increases the efficiency of the cooling system in the data center by reducing the need for excessive air conditioning work, resulting in a significant reduction in overall energy consumption, leading to a long-term reduction in operating costs while also reducing greenhouse gas emissions, which are a major factor in the current climate change. In addition, the data center has been certified with the international standard ISO/IEC27001:2022 to ensure that data and systems within the data center are protected from both internal and external threats, such as cyber attacks, data leaks, or unauthorized access. This operation not only enhances environmental sustainability But it also reflects the company's focus on developing operational processes that comply with international standards for energy management and environmental responsibility. The company believes that investing in this environmentally friendly technology will help build confidence among customers and business partners, and support its goal of creating a truly sustainable organization in the long run.

The company also has a comprehensive data center energy management plan, such as:

1. Use of renewable energy: Use energy from solar power sources to reduce dependence on electricity from fossil fuels.
2. Using real-time energy monitoring system: To continuously monitor and improve the energy consumption of equipment in the data center.
3. Reduce resource usage by switching to digital systems, such as cloud storage instead of paper.

Data Center Energy Usage Effectiveness (PUE)

In the year 2024 operations are equal to **1.62 PUE**

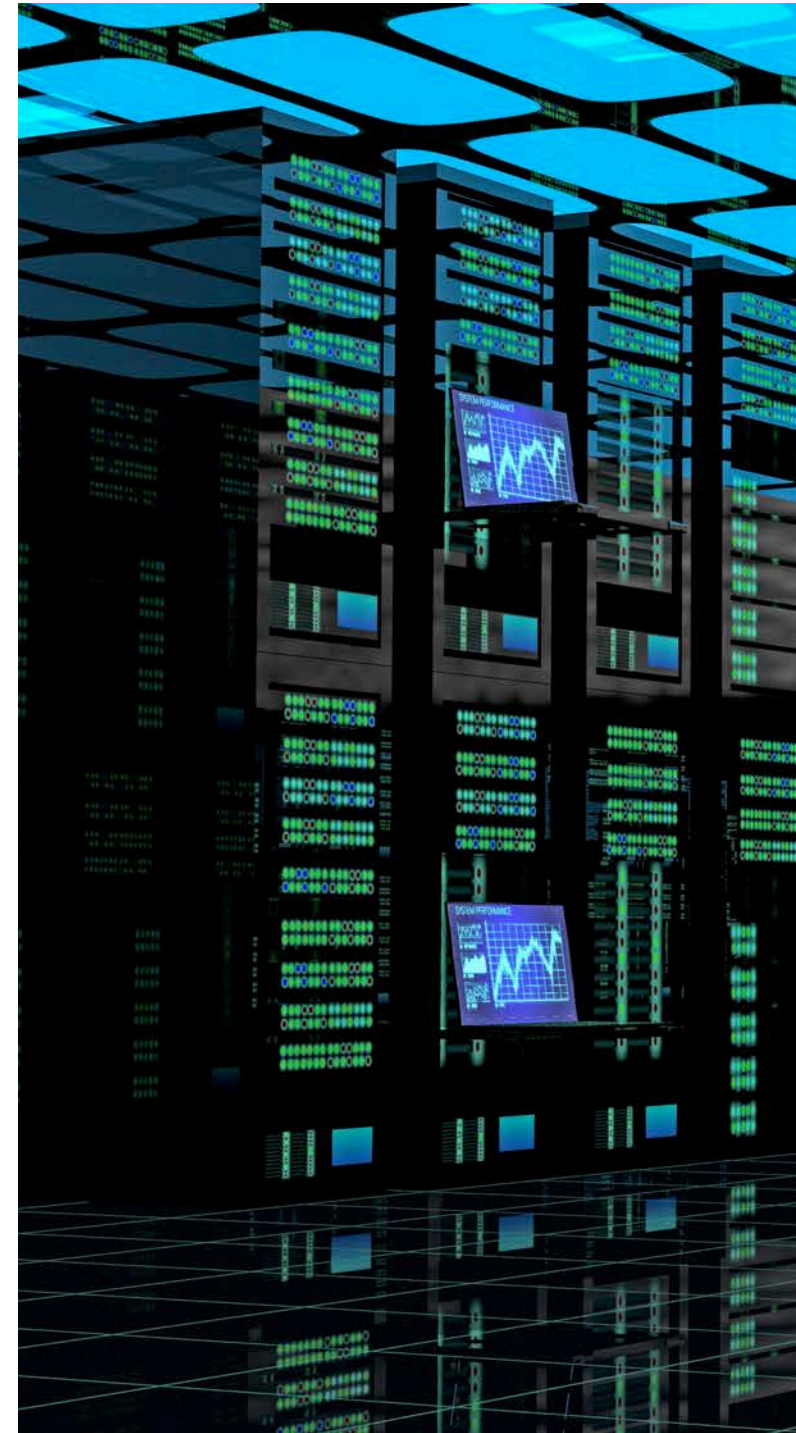
*Good in terms of energy efficiency, especially when compared to the industry average for data centers, which can have a PUE higher than 2.0.

note :

1. PUE stands for Power Usage Effectiveness, which is a standard used to measure the energy efficiency of a data center. It is calculated by taking the ratio of the total energy used by the data center to the energy used by IT equipment only.

PUE calculation formula = (Total Facility Power)

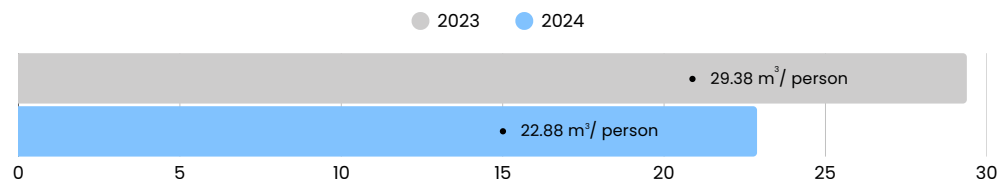
(Total electrical power used by IT equipment in the data center (Total IT Power))



Water management

Water management goals and performance

Goals : Reduce water usage per employee by 3 percent compared to the previous year.



Performance results for 2024: When calculating the average number of employees per year with the amount of water used
In summary, in 2024, tap water usage decreased by 22.12 percent compared to the previous year, 2023.

Importance

Water resources are considered as a very important resource for human life and economic development of the country. Because water resources play an important role in agriculture, industry, recreation and other human activities. However, the current intensification of climate change has significantly affected the quantity and quality of water resources. These factors include many factors such as physical shortages that cause unseasonal rain, resulting in water shortages (droughts) and floods (floods), as well as inefficient water management or inadequate infrastructure for appropriate water allocation. Due to these problems, effective water resource management is a major challenge for utility providers, both in terms of providing sufficient water for various business activities without violating the rights of individuals, juristic persons or other related groups that rely on water resources together. Jaymart recognizes the importance of water resource management in the organization by emphasizing the efficiency of water management in order to allocate water sufficiently and sustainably. In addition, the company is committed to taking care of the quality of wastewater before releasing it outside the area. This process aims to prevent negative impacts on the community, society and the surrounding environment.



Water management guidelines

As a leader in retailing mobile phones and technology devices, Jaymart does not directly use water in its core business, but water resources are still important and necessary for daily life, both for consumption and consumption. In order to be in line with the goal of sustainable water management and to prevent negative impacts from the water resource crisis, the company is committed to promoting employees to use water efficiently and cost-effectively to reduce unnecessary water loss. To ensure that water resources are used to the greatest benefit, the company regularly inspects and maintains water-related equipment to ensure readiness and reduce water loss from damaged equipment. In addition, the company has additional measures to install septic tanks and aeration tanks to treat water before releasing it outside. This treatment process is done to ensure that wastewater from the company's operations does not cause negative impacts or create pollution to nearby communities and the surrounding environment. Jaymart also campaigns and educates employees about the efficient use of water and other resources within the organization by organizing activities and training to raise awareness of the importance of water conservation, including introducing methods to save water in daily life, both at work and at home.

Implementation in 2024

Water management

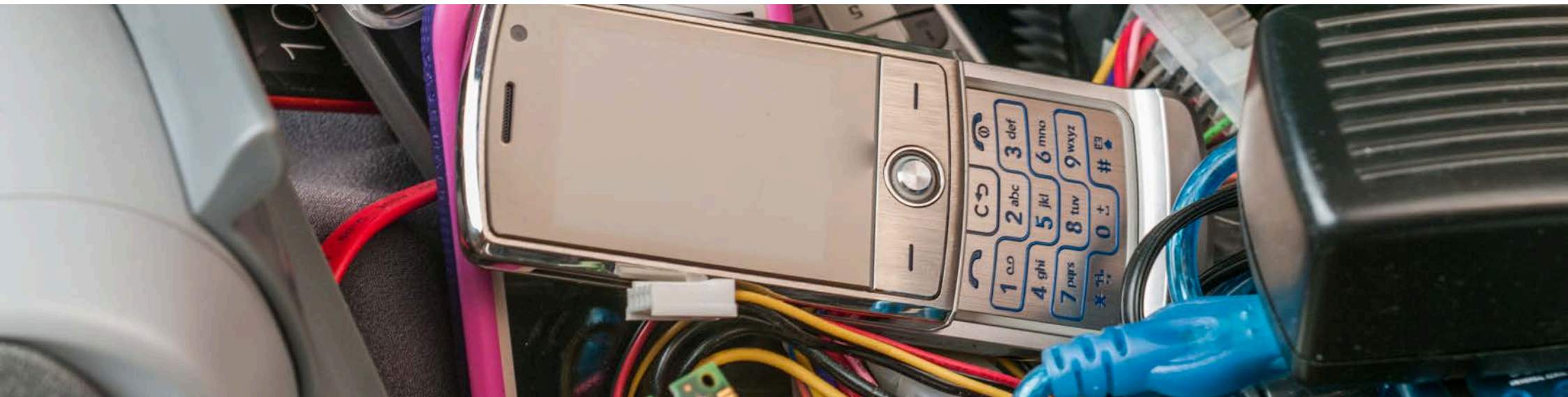
The company currently uses water from external suppliers, with thorough inspection and certification of the water source to ensure that the water received is of high quality and comes from reliable sources. In addition, the water quality is regularly inspected to ensure that the water used meets the standards and complies with the requirements of the organization's internal water quality improvement system. The company emphasizes promoting and instilling awareness in employees about water resource conservation, focusing on the efficient and most beneficial use of water. The company has conducted public relations through various channels within the organization and installed campaign signs to encourage employees to use water economically, focusing on areas where water is frequently used, such as bathrooms, sinks, and dishwashing sinks. In addition, equipment related to water use is continuously inspected and maintained to ensure that the equipment is ready for use, with no damage or leakage that could cause unnecessary water loss, which is part of the company's efficient and sustainable water resource management.

Wastewater treatment before disposal

The Company places importance on managing the potential positive and negative impacts from its operations, both on the environment, communities, and natural resources. To ensure that the Company's processes and operations are sustainable and responsible, the Company has chosen to use a wastewater treatment system by adding microorganisms, which supports water circulation and promotes the decomposition process of organic substances in wastewater. This process effectively reduces the amount of pollutants in wastewater, improves the quality of wastewater, and complies with legal requirements before it is released into external water sources. Such measures also help prevent potential impacts on surrounding communities, natural water sources, and the local ecosystem. The Company focuses on ensuring that every step is carried out in strict accordance with environmental standards, and continuously monitors the quality of wastewater to ensure that the treatment process is correct, efficient, and can protect the environment in the long run. It also demonstrates its commitment to sustainable development. The Company will not only comply with relevant laws and standards, but also continuously emphasize creating positive impacts on society and natural resources in order to build trust from the community and participate in environmental conservation for future generations.



Electronic waste management and end-of-life product management



Importance

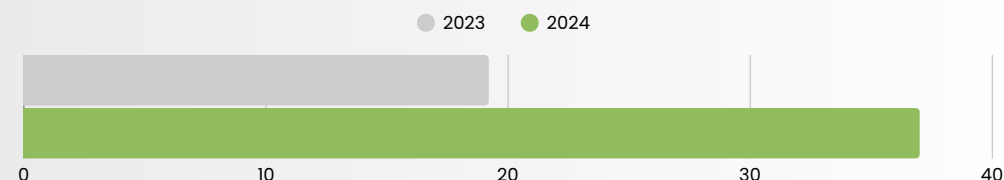
Jaymart Group Holdings Public Company Limited is aware of the rapid changes in technology today, which causes consumers to frequently change their devices in order to use them effectively according to modern technology. However, this change leads to the problem of e-waste that is continuously increasing every year. Therefore, the Company places importance on managing hazardous waste (e-waste) generated from the Company's business operations in a proper and environmentally friendly manner, and focuses on creating business opportunities by collaborating with business partners who share the same vision in offering products and services that prioritize environmental responsibility to customers. This commitment not only helps to enhance the Company's image as a leader in sustainable business, but also helps to increase customers' confidence and trust in the Company's products and services, as well as creating sustainable trust in the brand value in the long run. Jaymart Group Holdings Public Company Limited intends to develop strategies and innovations for managing e-waste more effectively by studying and implementing best practices to ensure that the Company's business operations truly benefit both society and the environment.

Goals and performance of e-waste management

Goals

- Short-term: Increase the e-waste collection rate to 10% by 2026 compared to the base year of 2023.
- Long term: Achieve a 40 percent e-waste collection rate by 2030.

Performance results for 2024: In 2024, a total of 37 kilograms of electronic waste was collected, an increase of 7.3%.



Operations in 2024

Throwing away E-Waste is equal to planting



On Tuesday, July 23, 2024, Mr. Dusit Sukumvitaya, Chief Executive Officer of Jaymart Mobile Co., Ltd., joined an important activity that the company has collaborated with Advanced Info Service Public Company Limited (AIS), Phaya Thai District Office, Prukha Holding, and many partner networks in the activity “Discarding E-Waste is equal to planting”, which is a project that links the disposal of electronic waste with tree planting, with the concept of 1 piece of electronic waste = 1 tree, to jointly create green spaces and promote environmental conservation. This activity was organized to celebrate the auspicious occasion of His Majesty the King’s 6th cycle birthday anniversary (72nd birthday) on July 28, 2024, with the Governor of Bangkok presiding over the ceremony and giving saplings to representatives from 46 partner organizations participating in the project, one of which was Jaymart Mobile Co., Ltd., which received 368 saplings. These saplings will be planted in many areas to restore the environment, increase green spaces, and raise awareness about the importance of taking care of nature sustainably, with a commitment to supporting environmental conservation. Jaymart has raised the level of the activity “Thais without E-Waste with Jaymart” which is a project in collaboration with AIS to expand the efficient management of e-waste. The plan is for every Jaymart Store to act as a collection point for e-waste to enter the recycling process that meets international standards and operates under the concept of Zero E-Waste to Landfill or waste management without leaving any in the landfill.

Jaymart delivers 368 trees to Kasetsart University, Kamphaeng Saen Campus.

Jaymart Group Holdings Public Company Limited, following the project “Discarding E-Waste is equal to planting, creating green space” with AIS “Collecting 1 piece of E-Waste is equal to 1 tree”, with the project period from April 1 to July 19, 2024, which has been publicized within the group of companies to encourage employees to participate in collecting unused electronic waste (E-Waste). As a result of the cooperation and determination, the company was able to collect up to 368 pieces of E-Waste, which is consistent with the number of trees received of 368. These trees consisted of various species of trees, such as mahogany trees, pink trumpet trees, teak trees, red sappanwood trees, and silver oak trees. On September 26, 2024, the company continued the project by delivering all the trees to support the planting and conservation of green spaces in the university. This delivery not only reflects the company’s commitment to supporting the conservation of natural resources, but also reflects the company’s intention to cooperate with both government and private agencies to expand the creation of a sustainable society in the long term. The company believes that promoting employees and society to see the importance of proper e-waste management This will be another important step towards creating a sustainable future. By implementing this approach in all sectors, it will help create real changes in environmental care and the creation of green spaces.



Campaign: Peace of mind (Aunjai) for Thai post offices, hunting for E-Waste



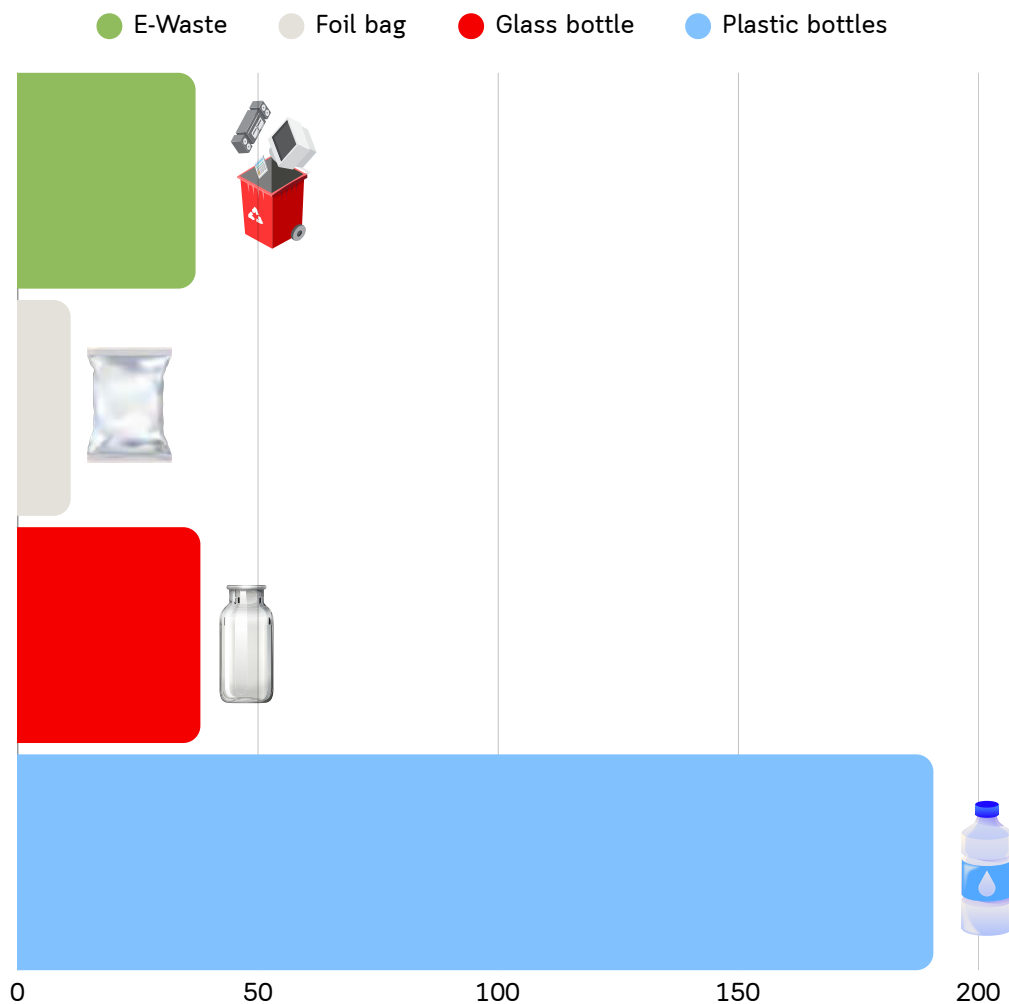
Jaymart Group Holdings Public Company Limited, together with Jaymart Mobile Company Limited, have joined the national campaign for 2024 with AIS International E-Waste Day by organizing the campaign “Aun Jai Pai Thua Thai, Hunting for E-Waste” to encourage everyone to join hands in tackling the problem of electronic waste that affects the environment. Under this campaign, Jaymart is committed to the mission “Hunting for E-Waste to Save the World”, inviting everyone to be aware of the dangers of electronic waste. We invite people to join in disposing of E-Waste in an appropriate place for proper management. E-Waste can be disposed of at Jaymart Store in 10 pilot branches, all Thailand Post offices, AIS Shops, and over 2,700 waste disposal points nationwide, conveniently and comprehensively. In addition, Jaymart also supports the elevation of the HUB OF E-WASTE or the smart electronic waste management center in Thailand to systematically and efficiently manage the electronic waste problem, aiming for proper recycling to create a valuable circular cycle. Raising awareness on this issue is part of the mission. Decarbonization is an important factor that will reduce greenhouse gas emissions and have a positive impact on the environment. Jaymart believes that with cooperation from all sectors, E-Waste management can be done sustainably to create an environmentally conscious society and a bright future for the world.

Waste Exchange Points

With the Power of Synergy, the company has collaborated with J Elite Co., Ltd., a subsidiary company that operates in the information technology and computer service business and is the administrator of J Wallet and J Point, to organize the “Waste Exchange Point” activity with the objective of increasing channels to create awareness and encourage employees to participate in proper waste disposal, as well as promoting awareness of sustainable environmental care in an environmentally friendly manner. This activity focuses on creating an efficient ecosystem for e-waste management, from creating knowledge for employees to understand the problem of e-waste and its impact on the environment to promoting employee participation in proper waste separation and disposal under the Zero E-Waste to Landfill process, which is a concept for e-waste management with a method that does not leave waste for landfill according to international standards. To encourage employees to fully participate in the activity, every month, a waste collection point is opened that accepts e-waste, plastic waste, and aluminum waste. Employees can bring specified waste such as plastic bottles, straws, cans, shiny bags, as well as unusable electronic devices such as mobile phones, tablets, charging cables, etc. to the service point to exchange for J Points through the system, where employees can accumulate points and use the points received in various specified activities. In addition, the “Waste Exchange Point” activity also encourages employees to create continuous and systematic waste separation behavior. This helps promote more efficient waste management within the organization. In the future, there is a plan to expand the project to waste management outside the organization to create a positive impact on society at large. The company intends to use this project as a starting point to create good changes and is committed to further developing the environment to create a sustainable organization and promote environmentally friendly growth in the future.



Graph summarizing the results from the 2024 Waste Exchange Points activity



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From the activity "Waste for Points" in 2024, it was found that employees in the organization brought waste to exchange for J Points that could be recycled, totaling

274.58 KG

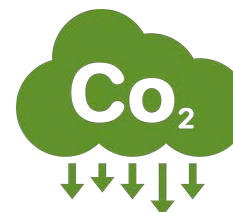
Total J Points awarded to employees

83,935 J Point

Jaymart supports expenses to promote activities for employees in the group, totaling more than 12,590.25 baht.

”

From the waste-for-points activity, it helps reduce the total amount of greenhouse gases.



Helps reduce the amount of greenhouse gases

262.487 kgCO2eg



Equivalent to the CO2 absorption/year of trees

17 Trees

Paper Management

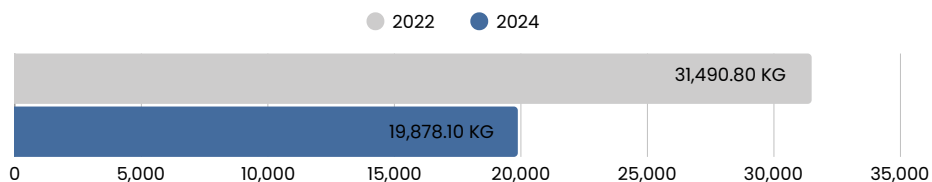


Paper management goals and performance

Goals

- Short term: Reduce paper usage by 10% by 2026 compared to the base year of 2022.
- Long term: Reduce paper usage by 25% compared to the base year 2022.

Performance results for 2024: Paper usage decreased by 36.90% compared to the base year.



Importance

In the company's business operations, from the procurement process, personnel recruitment, presentation documents, contract documents, accounting documents, legal documents, public relations media, to issuing receipts to customers, all require paper, which results in a reduction in the number of trees that help absorb greenhouse gases. It also causes the use of electricity and water for paper production, all of which result in an increase in greenhouse gases. In order to be a part of achieving the goals of the United Nations Framework Convention on Climate Change (UNFCCC) and the global climate crisis management framework, the company is aware of the impact of paper on the global warming crisis. Therefore, it is committed to managing paper usage within the organization effectively, reducing paper usage in business activities as much as possible, and developing systems to support business activities to reduce paper usage. In addition to reducing the use of natural resources, these systems also effectively respond to the current business model.

Waste management guidelines

Jaymart Group Holdings emphasizes sustainable development and the most efficient use of resources. We have initiated the use of E-Document innovation within the organization, which is one of the important measures that helps reduce the amount of paper usage in a tangible way. This innovation significantly contributes to the conservation of natural resources, especially in reducing the use of paper that may affect forests and ecosystems. It also increases the efficiency of storing and accessing information systematically, allowing the organization’s internal management to run smoothly, with high security, and reducing the risk of losing important documents. It also helps support the business to be environmentally friendly in the long run. Guidelines for continuous paper usage reduction

- Expanding the use of the E-Document system to all departments in the organization
- Development and application of E-Document program with data storage accuracy
- Promoting paperless office through employee training

Development of E-Document System in Organization

- 1.Reduce paper use and conserve the environment
 - Switching to electronic documents reduces the amount of paper used in business processes, reducing the need to cut down trees and the amount of waste from unnecessary documents.
 - Reduces ink usage and energy used in printers, which helps reduce carbon footprint, a cause of global warming.
- 2.Efficient data storage and management
 - E-Document helps organize data storage, makes it easy to search and retrieve data, and reduces the problem of document loss from paper storage.
 - Facilitate sharing and access to information between departments within the organization, making work more continuous and efficient.
- 3.Data Security
 - The E-Document system comes with measures to control access to documents through permission setting, which can prevent data leakage.
 - Cloud backup and data encryption are provided to protect against cyber threats and loss of important data.

Paper usage data at Jaymart Head Office (as of 31 December 2024)

| Use of paper | unit | 2022 | 2023 | 2024 |
|--------------------------------|------|------------|-----------|-----------|
| Paper usage | kg | 31,490.80 | 23,225.40 | 19,878.10 |
| Amount of paper purchase value | baht | 570,984.10 | 477,776.4 | 385,922.3 |

- Note: (Total water usage/Number of employees in the organization area = Water usage per number of employees in the organization area)
- The amount of paper usage in 2024 has decreased from the base year 2022 by 36.90% or equal to 11,612.7 kilograms, equivalent to the CO2 absorption/year of 197 trees.
- This represents a savings of up to 185,061.8 baht.

Waste management



Importance

The Company's business operations involve the generation of waste from both the production and consumption processes, including waste generated in the daily lives of employees, such as waste from office consumption, waste from the use of worn-out office equipment, used paper, various packaging materials, and the Company's products that have expired or are worn out. The Company is aware of its role as a contributor to environmental impacts, as well as as a person affected by environmental problems. For this reason, the Company seriously emphasizes the reduction of waste generated in all processes by implementing various measures to conserve resources and maximize the use of available resources.

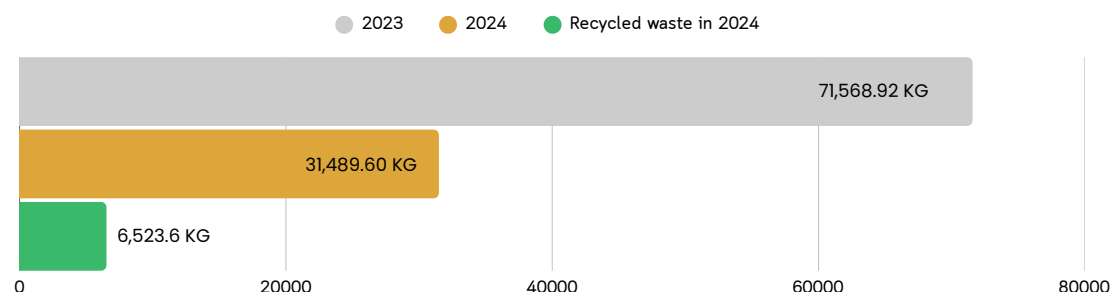
Waste management goals and performance

Goals

- Reduce the amount of waste generated from internal operations by 10% per employee by 2026 compared to the base year of 2023.
- The amount of waste that can be recycled is not less than 10% of the total amount of waste in 2024.

Performance results for 2024

- In 2024, the amount of waste generated from internal operations decreased by 56.59% per average number of employees at Jaymart Head Office.
- The amount of waste that can be recycled is 20.72% of the total waste in 2024.



Waste management guidelines

The Company realizes the importance of waste management, not only within the group of business operators but also the surrounding communities, to prevent negative impacts that may arise from business activities in all aspects. This management is integrated with the environmental, social and corporate governance (ESG) dimensions to ensure that the organization does not violate the rights of all stakeholders and prevent waste management problems that may arise from the business process. The Company is committed to reducing the impact on nature, the environment and global warming through sustainable waste management approaches by initiating various projects, such as joining the Care the Whale network with the Stock Exchange of Thailand to promote the organization's waste management. In addition, the Company has campaigned for employees to reduce waste creation from the beginning, separate waste before disposal and manage waste correctly according to type, and support the reuse of waste for maximum benefit through the process of reusing and adding value to old items. The Company realizes that improper waste management can have a severe impact on the environment. Therefore, the Company supports and encourages all executives and employees to participate in the waste management process continuously through various projects to control and reduce possible impacts to the least, in line with the goal of sustainable and environmentally responsible business operations.

Implementation in 2024

Waste management

Protect the Earth With 7R

บริษัท เจมาร์ท กรุ๊ป โฮลดิ้งส์ จำกัด (มหาชน) และบริษัทในเครือ (บริษัทฯ) ได้ให้ความสำคัญกับการผนวกหลักการด้านความรับผิดชอบต่อสิ่งแวดล้อมเข้าเป็นส่วนหนึ่งในกระบวนการดำเนินงานขององค์กรอย่างเป็นระบบ เพื่อกระตุ้นให้พนักงานและผู้มีส่วนเกี่ยวข้อง มีจิตสำนึกที่เข้มแข็งในด้านการอนุรักษ์สิ่งแวดล้อม การใช้พลังงานอย่างมีประสิทธิภาพสูงสุด และลดการใช้ทรัพยากรอย่างสิ้นเปลือง จึงได้มุ่งเน้นการคัดแยกขยะอย่างถูกต้องตามหลัก 7R ซึ่งเป็นส่วนหนึ่งของการดำเนินงานชีวิตแบบ Zero Waste to land fill คือ การลดขยะให้นมากที่สุด และใช้ทรัพยากรธรรมชาติให้เกิดประโยชน์สูงสุดจนมีขยะเหลือทิ้งจนน้อยที่สุด หรือไม่มีเลยนั่นเอง

ชวนทุกคนรวมพลังสร้างโลกให้สะอาดร่วมทำจิตคำว่า "ขยะ" ให้หายไป หากทางใช้ให้ถึงที่สุดด้วย 7R

Reduce

การลดการใช้ และการบริโภคทรัพยากรที่ไม่จำเป็น ซึ่งเป็นขั้นตอนแรก ในการลดปริมาณขยะที่เกิดขึ้น โดยการพิจารณาว่าสิ่งใดที่ไม่จำเป็นต้องซื้อจริงๆ และลดการซื้อสินค้าที่ไม่จำเป็นจริงๆ

Reuse

การใช้ทรัพยากรให้คุ้มค่าที่สุด โดยนำสิ่งของหรือวัสดุกลับมาใช้ใหม่แทนการทิ้ง ซึ่งช่วยลดการสร้างขยะใหม่

Refill

การนำภาชนะที่ใช้แล้วกลับมาใช้ใหม่ โดยเฉพาะในกรณีของผลิตภัณฑ์ที่มีบรรจุภัณฑ์ที่สามารถเติมได้ ซึ่งช่วยลดการใช้บรรจุภัณฑ์ใหม่

Return

การส่งคืนบรรจุภัณฑ์กลับสู่ผู้ผลิต เช่น การส่งคืนบรรจุภัณฑ์ที่ใช้แล้วกลับคืนให้ผู้ผลิต เพื่อให้นำมาทำความสะอาด และนำกลับมาใช้ใหม่

Recycle

การเลือกใช้ทรัพยากรที่สามารถนำกลับมาใช้ใหม่ เพื่อช่วยลดปริมาณขยะ และลดการปล่อยของเสียสู่สิ่งแวดล้อม ซึ่งการรีไซเคิลเป็นวิธีที่มีประสิทธิภาพ ในการนำวัสดุกลับมาใช้ใหม่ และลดการใช้ทรัพยากรใหม่

Replace

การนำทางเลือกมาใช้แทนพลาสติกใช้ครั้งเดียวทิ้ง เช่น การใช้แก้วน้ำหรือกระติกน้ำพกพาแทนการใช้แก้วน้ำพลาสติกแบบ PET หรือ PP ซึ่งจะช่วยลดการใช้พลาสติกในชีวิตประจำวัน

Repair

การซ่อมแซมสิ่งของที่ชำรุดแทนการทิ้ง เพื่อให้อายุการใช้งานยาวนานขึ้น ซึ่งไม่เพียงช่วยประหยัดค่าใช้จ่าย แต่ยังช่วยรักษาสิ่งแวดล้อม

รวมพลังสร้างโลกให้สะอาด 7R

02 308 9000#8152, #8053 | <https://www.jaymart.co.th> | jaymartgroup.esg@jaymart.co.th

The Company focuses on supervising all units and business groups under the Company's operations to comply with appropriate waste management guidelines by promoting employees and related units to jointly use the 7Rs principle to reduce waste.

- **R-Reduce:** Reducing the use and consumption of unnecessary resources, which is the first step in reducing the amount of waste created, by considering what is not really needed and reducing the purchase of products with unnecessary packaging.
- **R-Reuse:** Using resources to their full potential by reusing items or materials instead of throwing them away, which helps reduce the creation of new waste.
- **R-Refill:** Recycling used containers, especially in the case of products with refillable packaging, which reduces the use of new packaging.
- **R-Return:** Returning packaging to the manufacturer, such as choosing to use glass bottles instead of plastic bottles, so that consumers can return the bottles to the manufacturer. The manufacturer will then clean, disinfect, and reuse the bottles, which reduces plastic usage and promotes resource circulation.
- **R-Repair:** Repairing damaged items instead of throwing them away so that they can be used again, which not only reduces waste but also saves on the cost of buying new ones.
- **R-Replace:** Using alternatives to replace single-use plastics, such as using a drinking glass or a portable water bottle instead of using PET or PP plastic cups, which will help reduce the use of plastic in daily life.
- **R-Recycle:** Selecting reusable resources to help reduce the amount of waste and reduce the release of waste into the environment.

Systematic waste and garbage management is an important part of the company's environmental policy to create sustainability for the organization and help reduce negative impacts on the environment in the long term.

Care the Whale Project members “Invisible Glass Bottle Waste” donate Osotspa products to Jak Daeng Temple



On May 2, 2024, Jaymart participated in the product donation activity from Osotspa Public Company Limited, which was a result of the cooperation of partners in sorting used glass bottles, totaling more than 41,288 kilograms, and received a contribution from the glass bottle waste collection, totaling 20,644 baht. The money and resources received were given to Phra Ratchawacharabhandit (Pranom Thammalangkar), the abbot of Jak Daeng Temple, to support public welfare activities and various projects of the temple that aim to promote the well-being of the community. Jaymart also had the opportunity to visit the waste management and recycling process within Wat Jak Daeng, which is an important example of turning waste into useful products, to learn and exchange good practices in effective waste management. The activity aimed to encourage member organizations and business partners to realize the importance of waste separation at the source, especially waste that can be recycled properly. It also focused on sending recyclable waste to the correct waste management process to reduce the impact on the environment and create a culture of sustainable resource management at both the organizational and community levels.

Foil Bag Project with Jaymart Go Green (Project to separate plastic snack bags into a recycling process)



Jaymart starts a new waste sorting project for recycling in the “Glittering Bags” project with Jaymart Go Green, changing “waste” from worthless snack bags into valuable “aluminum”.

By inviting employees in the organization to jointly discard and separate the glittery bag waste, in order to focus on transforming used packaging into valuable products, creating awareness about waste separation and the benefits of transforming waste.

Currently, there is a sustainable solution to the problem of plastic bag waste or sparkling snack bags by developing innovative machinery to recycle plastic waste or better known as “Foil bags”, creating added value by focusing on transforming used packaging into valuable and useful products, as well as being environmentally friendly, helping to reduce the amount of greenhouse gas emissions, in line with the goal of reducing net zero greenhouse gas emissions.

In 2024, Jaymart will sort all “Foil bags” waste.

11 KG

Plastic bottles, exchange for J POINTS



On June 29, 2024 at BG Stadium, Thanyaburi District, Pathum Thani Province, in the competition of IDOL LEAGUE 2 Presented by Jaymart, there was an activity to exchange plastic bottles for points (1 bottle = 10 J Points) to deliver plastic bottles to Wat Jak Daeng to be recycled into a monk's robe or "Phuk Sukul, Jivara from recycled plastic bottles". One monk's robe uses 15 recycled plastic bottles, and one set of monk's robes uses 60 bottles. The production process uses an innovative method to transform it into a piece of high-quality monk's robe, each piece is sewn and dyed in royal colors, in accordance with the Buddhist precepts.

In the event, participants can bring plastic bottles to exchange for points, up to 1,000 bottles or 30.50 kilograms, which can make 66 robes or 16 sets of monk's robes.

Therefore, the process of recycling PET bottles helps slow down the use of natural resources that will be used, reduce energy, and can reduce the carbon footprint or the amount of greenhouse gases released in the production process of new plastic. By bringing PET plastic back to be recycled, it can be transformed into creative products that are environmentally friendly.

Halloween : From Waste to wow



Jaymart organized a special event with its subsidiaries to welcome Halloween under the name "Halloween: From Waste to Wow". This event aims to promote environmental conservation through the creation of handicrafts from recycled waste. It is the use of waste or unused items to create new benefits through the recycling process to reduce the amount of waste and the impact on the environment.

This activity emphasizes on giving employees and participants the opportunity to show their creativity and imagination by using recycled materials such as paper, plastic, or other items that are often overlooked or discarded to create new items or decorations in a Halloween theme to show the value of recycling and create a good sense of using resources efficiently. In addition to creating beautiful and interesting handicrafts, the "Halloween: From Waste to Wow" activity also raises awareness of sustainable waste management and inspires employees, participants, and the surrounding society to focus on recycling and using resources wisely.

Greenhouse gas management



The 27th United Nations Conference on Climate Change (COP27) in 2022 emphasized the important goal of controlling or reducing global temperatures to no more than 2 degrees Celsius. In addition, the current greenhouse gas or global warming crisis has spread and caused impacts and damages all over the world. It is a situation that humans must face inevitably. Therefore, the issue of global warming and climate change has received widespread attention in recent years, both internationally and publicly. This can be seen from the United Nations Framework Convention on Climate Change (UNFCCC), which is a collaboration of international organizations to solve the problem of global warming. Global warming does not only make the world's temperature hotter and the seasons change, but also brings new epidemics, unexpected natural disasters such as storms, severe floods, tsunamis, landslides, earthquakes, and many other natural phenomena that cause great damage to humanity. The changes have affected people's lives, consumption behavior, and financial situations, as well as the issuance of new regulations to determine guidelines for solving the problem.

Greenhouse gas management guidelines

The company realizes the importance of greenhouse gas management, therefore, it has initiated various projects to support the reduction of greenhouse gas emissions from various activities in the business process. The JMART Go Green project is a campaign to reduce the use of resources and energy within the company, increase the proportion of renewable energy use instead of fossil energy use, and apply technology to reduce the use of natural resources to support the reduction of greenhouse gas emissions. It also continuously operates the Care the Bear and Care the Whale projects with the Stock Exchange of Thailand to demonstrate the efforts to reduce greenhouse gases from various activities within the organization, which focus on reducing greenhouse gas emissions from business operations to meet the target, aiming for carbon neutrality by 2030 and aiming for net zero greenhouse gas emissions by 2050.

Greenhouse gas targets

Short-term Goal: The company is committed to reducing greenhouse gas emissions by 3% annually compared to the Business-as-Usual (BAU) scenario by the year

2030

Long term : The company aims to achieve Carbon Neutrality by the year

2050

Long term: Aiming for net zero greenhouse gas emissions (Net Zero Emissions) by

2065

Environmentally Friendly Corporate Governance

The Company is committed to achieving a balance between conservation and sustainable resource use, emphasizing the reduction of greenhouse gas emissions through systematic measures. The Company has integrated the use of renewable energy within the organization, such as installing solar rooftop power generation systems to reduce dependence on fossil fuels and support the use of environmentally friendly energy.

In addition, the Company has improved the cooling system and building management system to comply with environmental standards, and installed a temperature control system and automatic air conditioning on/off to reduce energy consumption efficiently. In terms of resource management, the Company has developed a comprehensive waste management system, aiming to become a Zero Waste organization by reducing the use of materials that create waste, such as campaigning to stop using single-use plastics and promoting waste separation for reuse or recycling. In addition, the Company has instilled environmental awareness in its employees through knowledge provision and activities that focus on changing behavior to reduce greenhouse gas emissions in daily life. With all these measures, the Company aims to create sustainability in every process of operations, not only to reduce the impact on the environment, but also to enhance awareness and shared responsibility of employees and stakeholders in all sectors, in order to move towards a truly sustainable and environmentally friendly future.

1

Increase efficiency in resource utilization, energy management and use of renewable energy.

2

Improve the cooling system and change the air conditioner to be environmentally friendly.

3

Classify and sort waste to be recycled.

4

Instill and change the behavior of employees in the organization.

Implementation in 2024

Install Solar Rooftop to reduce electricity costs and reduce greenhouse gas emissions.

In 2024, Jaymart will continue to operate with the goal of reducing external energy purchases and reducing greenhouse gas emissions. The company has installed On Grid Solar rooftop at Jaymart Building (Head Office) to increase the use of renewable energy in the group's operations, covering the rooftop area of Buildings A and B with a total size of 171.13 kilowatts, installed by JGS Synergy Power Co., Ltd., a subsidiary of Jaymart Group. The company purchased external electricity for use at Jaymart Building, Head Office in 2024 at 1,795,000 kWh, costing 8.37 million baht, and in 2023 at 2,039,987 kWh, costing 9.96 million baht. The electricity bill decreased by 1.59 million baht or 18.95 percent compared to the previous year due to the improvement of the building's new air conditioning system. and electricity production from solar power by Solar rooftop in 2024 which produced a total of 242,700 kWh of electricity, accounting for 11.91 percent of electricity usage in 2024, resulting in savings of approximately 1.06 million baht and helping reduce greenhouse gas emissions by up to 121,325.73 kgCO₂eq or equivalent to the absorption of CO₂/year by 8,089 trees.



Note: The amount of greenhouse gas absorption by trees depends on the tree species and its age, but generally, a single tree can absorb about 9-22 kg of CO₂ per year. Taking the average of 15 kg of CO₂ absorption per year as an example, we can calculate the number of trees required to offset 121,325.73 kgCO₂eq as follows: $121,325.73 / 15 \approx 8,089$ trees.

Care the Bear Project with the Stock Exchange of Thailand

The Company has continuously participated in the Care the Bear project initiated by the Stock Exchange of Thailand to demonstrate its commitment to reducing greenhouse gas emissions resulting from resource use and activities within the organization. The project has a key goal to drive the reduction of global warming through 6 key principles that help create guidelines and encourage all sectors to cooperate in reducing environmental impacts as follows:

1. Promote traveling by public transportation or traveling together.
2. Reduce the use of paper and plastic.
3. Avoid using foam from packaging or foam for interior decoration of activities.
4. Reduce energy consumption from electrical appliances or switch to energy-saving appliances.
5. Designed using recyclable decorative materials.
6. Reduce food waste in activities

Outcomes and goals of project participation

Applying the 6 principles from the Care the Bear project to internal activities has resulted in tangible benefits, effectively reducing resource and energy usage, whether the activities are organized onsite or online, such as meetings, trainings, events, shareholder meetings, and CSR activities. It also promotes the use of documents in electronic file format to reduce the use of paper and related resources. These management measures not only help reduce the cost of activities but also directly reduce the organization's carbon footprint, reducing greenhouse gas emissions by up to

1,825.69 Kilograms of carbon dioxide equivalent (kgCO₂eq), which is a significant value for environmental conservation.



Participating in the Care the Bear project not only helps the organization reduce greenhouse gas emissions from various activities, but also promotes the efficient and sustainable use of resources. It also helps employees become more aware of changing their behaviors to be more environmentally friendly. The company aims to create a sustainable positive impact on society and the environment by continuously implementing the specified guidelines and integrating these principles into daily work processes and activities to move towards an environmentally friendly future and play a role in supporting the sustainable reduction of global warming.

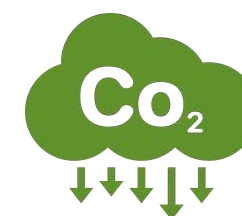


ลดคาร์บอนจาก Event
ลดโลกร้อน
พวกเราช่วยกันง่ายนิดเดียว

Summary of results from the event (information as of December 31, 2024)

*Summary of data from the Stock Exchange of Thailand Climate Care Platform – SET Social Impact

| Activity | Participants | Reduce documents (sheets) | Reduce bottled water | Do not use foam food containers. |
|---------------|--------------|---------------------------|----------------------|----------------------------------|
| 57 activities | 7,324 people | 69,240 sheets | 1,055 bottles | 4,950 pieces |



Helps reduce the amount of greenhouse gases

1,825.69 kgCO₂eq



Equivalent to the CO₂ absorption/year of trees

203 Trees

Care the whale project with the Stock Exchange of Thailand

Care the Whale “Invisible Waste” is a project that focuses on reducing greenhouse gas emissions through effective waste management using the concept of “Invisible Waste”, which aims to eliminate the word “waste” from our way of life by making the most of resources before things are considered waste. It also applies the principles of the Circular Economy to waste management to create a proper and sustainable management path, which is part of solving the waste problem that leads to global warming. Our company has continuously participated in the Care the Whale “Invisible Waste” project, which aims to jointly solve environmental problems through waste management, starting from sorting, collection, and properly disposing of waste. In addition, we also support behavioral adjustments in waste management of our personnel and communities to be correct and efficient in order to achieve the goals with our partner network in the Zero-waste to Landfill project, which aims to eliminate waste from landfills in the future.

Guidelines for Project Participation



Jaymart has a clear approach to promote and develop waste management within office buildings by focusing on improving the waste sorting process from the beginning so that all types of waste are disposed of or recycled as much as possible in the correct and environmentally friendly way under the concept of “Invisible Waste” which aims to reduce the amount of waste to the minimum.

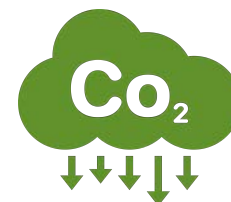
One of the important measures is to create awareness among employees about the importance of waste separation and to encourage all employees to have the correct knowledge and understanding of waste separation. The company has arranged a place for waste separation and clearly classified the types of bins at every necessary point in the office building to promote and support behavioral changes in waste disposal to be environmentally friendly.

Jaymart has set up a total of 13 waste sorting points to meet demand, covering the areas of Office Buildings A, B and C. Every point has bins classified into 3 types: 1) general waste, which is waste that cannot be recycled; 2) recyclable waste, which is waste that can be reused, such as plastic, paper and glass; and 3) organic waste, which can naturally decompose and can be used to produce compost.

This waste classification will facilitate employees to separate waste correctly from the beginning. Waste that has been separated can enter the recycling process or be disposed of according to type appropriately, efficiently, and environmentally friendly.

Summary of waste separation operations results

*From January 1 – December 31, 2024, a total of 365 days, can help reduce the amount of greenhouse gases as follows:



Helps reduce the amount of greenhouse gases

32,900.43 kgCO₂eq



Equivalent to the CO₂ absorption/year of trees

3,655 Trees

By classifying the types of waste separation as follows:

*Summary of data from the Stock Exchange of Thailand Climate Care Platform – SET Social Impact

| Waste sorting list 2024 | kg | kgCO ₂ eq | Number of trees |
|--------------------------------------|------------------|----------------------|-----------------|
| List of waste sorting items | 26,036.60 | 32,900.43 | 3,655 |
| Aluminum cans | 2.34 | 21.36 | 2 |
| Plastic tube | 10.30 | 10.62 | 1 |
| Glittering envelope | 11.00 | 10.31 | 1 |
| Electronic waste | 37.28 | 43.62 | 5 |
| Book | 221.00 | 1,253.84 | 139 |
| Glass bottle | 232.60 | 64.20 | 8 |
| Clear plastic bottles or PET bottles | 542.08 | 558.89 | 62 |
| Corrugated paper / Cardboard | 1,918.00 | 10,881.77 | 1,209 |
| A4 paper | 3,535.00 | 20,055.82 | 2,228 |
| Food scraps | 14 | 0 | 0 |
| General waste | 24,966 | 0 | 0 |

Summary of the results of reducing greenhouse gas emissions at Jaymart Head Office (information as of December 31, 2024)

| Activities to help reduce greenhouse gas emissions | unit | 2024 |
|--|---------------------|--------|
| Installing Solar Rooftop to reduce electricity costs and reduce greenhouse gas emissions | t CO ₂ e | 121.33 |
| Waste Exchange Points Activity | t CO ₂ e | 0.26 |
| Care the Bear Project | t CO ₂ e | 1.83 |
| Care the whale project | t CO ₂ e | 32.90 |
| Total amount of greenhouse gases reduced | t CO ₂ e | 156.31 |

