



Managing TISCO Group's Environmental Footprint

TISCO Group is committed to reducing environmental, community, social impacts and value chains through our business operations, which support the UN's Sustainable Development Goals (SDGs) and sustainable development work across economic, social and environmental dimensions. We strive to promote business accountability, actively integrating environmental impact management into our environmentally friendly operations, which are then translated into activities that directly minimize the use of energy and the emission of greenhouse gases (GHG). In addition, TISCO Group helps promote collaborative environmental management with community partners as well as raising staff awareness for maximum resource use, disseminating information on environmental conservation to all stakeholders and supporting green activities. In 2022, TISCO Group's environmental operations based on our Sustainability Roadmap (SD Roadmap) were as follows:

Minimizing energy and the use of other resources

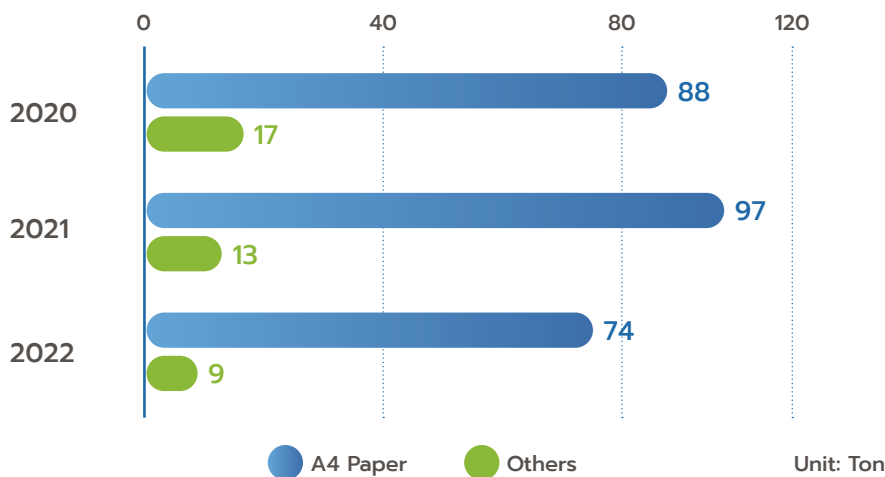


1. Less paper consumption

Paper is a consumable resource required in the internal operations of most financial business activities. Underlining the importance of smarter use of paper, we have developed our products and services so that they respond to the lifestyle of digital-age customers through the paperless concept. Services on digital platforms are offered on our mobile applications which allow customers to access and keep records of financial documents on their smartphones rather than in paper form. Meanwhile, we have improved the system by making it leaner and more efficient and managed to reduce corporate expenses, raising employees' awareness through various environmentally friendly activities and enhancing the development of e-learning media.

TISCO Group has set a goal to reduce paper consumption in 2023-2025 by no more than 100 tons per year. In 2022, it was found that the amount of paper used in TISCO Group's operations at the head office decreased from 2021 by 24.55 percent.

Amount of paper used in overall operation of TISCO Group as at Head Office





Between 2015-2022, the VDI was able to reduce the use of accumulated power by **1,200,086.98 kilowatt-hour** or equivalent to **3,600,260.93 baht**



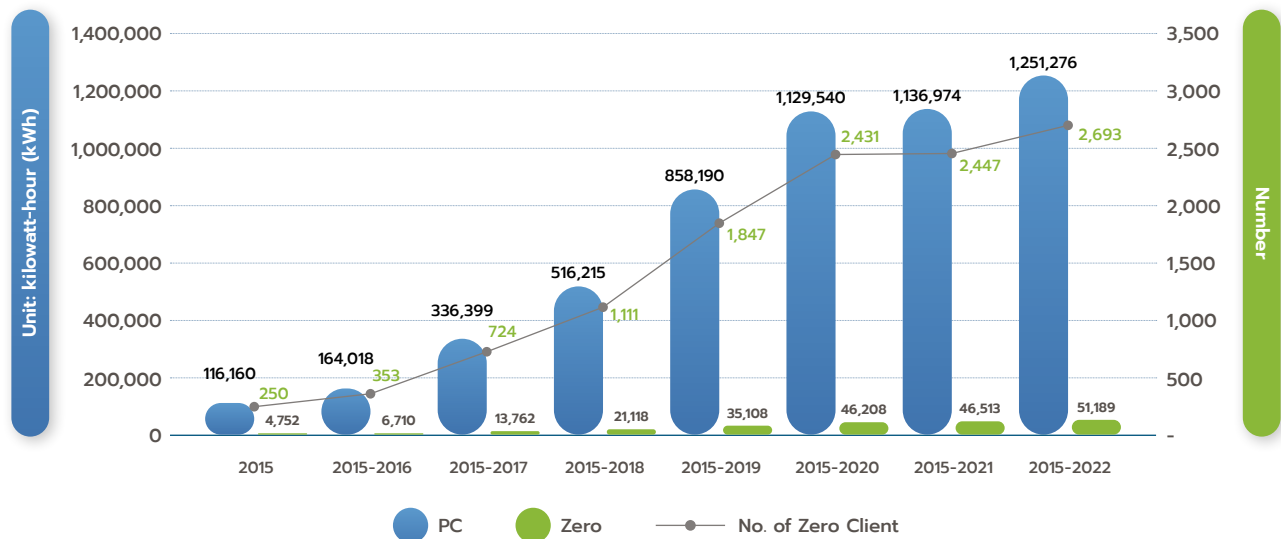
2. Energy Conservation

2.1 TISCO Group's management of energy consumption and conservation

Well aware of the importance of smart energy consumption, TISCO Group has actively promoted and implemented an energy consumption and conservation plan, which not only minimizes our consumption of electricity, but also directly and indirectly reduces impacts from climate change incurred by corporate energy consumption.

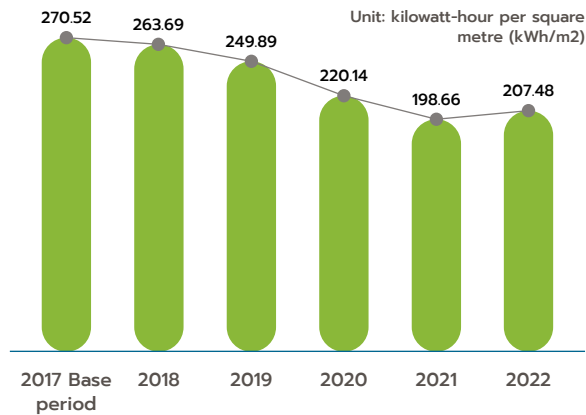
We have implemented the Virtual Desktop Infrastructure (VDI) project to enhance computer efficiency and improve energy consumption. The project helps reduce the electricity needed by conventional personal computers (PC) from the 220 watts consumed by an individual PC to a mere 9 watts per Zero Client desktop. Under this project, we started to replace old conventional PCs with new VDI computers in 2015 and have continued every year since then. So far, up to 2022, about 2,693 PCs have already been replaced. In 2022, only 246 Zero Client desktops were procured to retire the old energy-consuming PCs from the system. Since the staff needed to work from home (WFH) during the outbreaks, the need to change the PCs significantly decreased. The 246 Zero Client desktops translated into a cost saving of 2,029,500 baht on machines. Between 2015-2022, the VDI was able to reduce the use of accumulated power by 1,200,086.98 kilowatt-hour, or equivalent to 3,600,260.93 baht. TISCO Group will continue to implement and adjust our plan to replace the PCs with the Zero Client desktop.

Cumulative power consumption rate of PC compared to Zero Client

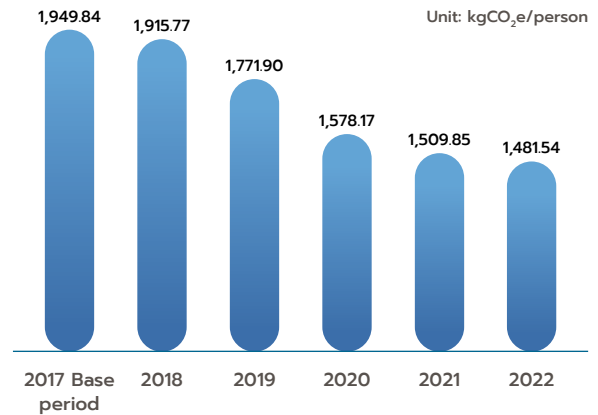


Furthermore, TISCO Group also replaced lightbulbs in the building with LED bulbs to reduce energy consumption and to align with the Zero Client desktop campaign through which employees are constantly reminded of smart energy use. TISCO Group has set a target for electricity consumption in 2023-2025 not exceeding 250 kilowatt-hours per square metre. In 2022, it was found that the electricity consumption rate of companies in TISCO Group operating in TISCO Tower was 207.48 kilowatt-hours per square metre. Also, there is an increase in electricity consumption of 241,683 kilowatt-hours per year which represents an increase in electricity consumption by 4.44 percent compared to 2021. The increase in electricity consumption is a result of the relief measures of the epidemic situation of COVID-19, employees return to work in this building more than 90 percent.

**Energy Consumption Rate of All Subsidiaries of TISCO Group
Currently Operating inside TISCO Tower Building**



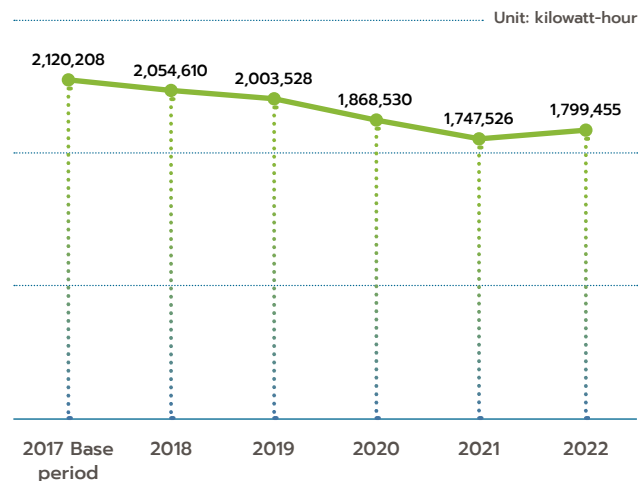
**Average of greenhouse gas emissions
per person**



2.2 TISCO Group’s management of energy consumption and conservation with partners

In underlining the importance of lower energy consumption and better energy conservation, we take this endeavour to heart by working internally and with our partners. We have joined with the Yommarat Juristic Person, an entity that manages TISCO Tower whose management committee is appointed by the joint owners of the building, for energy conservation. The building management actively reflects ongoing effective energy consumption and conservation, as witnessed by the Best Practice Award: Energy Management and Sustainability given to us by the Thai Facility Management Association in 2016 in recognition of the building’s energy management excellence.

**Electric Energy Use Rate in TISCO Tower Building
at its Common Area**



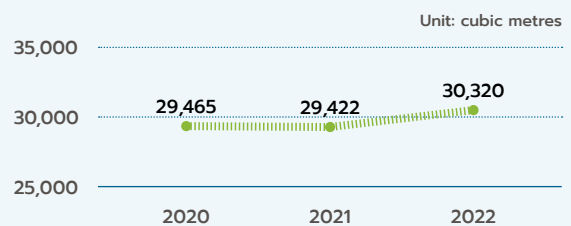
In 2022, the amount of electricity used in common areas was **1,799,455 kWh per year, an increase of 2.97% compared with 2021.**



3. Water Consumption

TISCO Group places great importance on resource utilization with the utmost benefit. But due to the COVID-19 outbreak condition, routine hand washing is still required for staff members to maintain excellent hygiene. TISCO Group has set a target to reduce water consumption in 2023-2025 not exceeding 30,000 cubic metres per year. In 2022, it was found that water consumption throughout the year was 30,320 cubic metres, more than the target, increasing by 3.05% compared with 2021.

Water Consumption







4. Waste Management

TISCO Group strives to standardize waste management resulting from our operations to reduce pollution, promote re-use and recycling, and enhance environmental awareness among employees to take this green habit out of the corporate environment into family and community settings not only actions that occur within the establishment. In 2022, TISCO Group has implemented the following projects:

TISCO Eco Society: We Use, We Separate

TISCO Group continues to pursue projects for the environment in line with sustainability goals to change the behavior of employees and create a culture of resource and environment conservation in the organization. Moving forward with the project "We use, we separate", participation has been expanded to the condominium juristic person as well as surrounding shop communities to realize environmentally friendly consumption. In addition to being a foam-free area, it also extends to other TISCO premises as well. The campaign focuses to adjust 3 main behaviors, namely 1. carrying cloth bags 2. recycling waste separation, and 3. Separating food waste. In 2022, the project has received good cooperation from employees and building users to reduce greenhouse gas emissions by 7.667 tCO₂e, equivalent to planting 807 large trees. It can create added value from the recyclable waste passed on to the purchaser to properly dispose and reuse amounting to 8,090 baht which was donated to TISCO Foundation that can help the needy according to its objectives. Moreover, it has also been honored to certify the amount of greenhouse gas reduction from the Thailand Greenhouse Gas Management Organization under the project to support activities to reduce greenhouse gases (Low Emission Support Scheme: LESS).

Certification from Thailand Greenhouse Gas Management Organization	The amount of greenhouse gases can be reduced (tCO ₂ e)		
	2020	2021	2022
 1. Replacement of electrical equipment for increasing efficiency*	374.681	331.359	0
 2. Waste separation for recycling	3.576	20.110	7.667
Total	378.257	351.469	7.667

Note: *TISCO Group has replaced all electric lighting equipment in every office since 2019 and requested certification according to the criteria for 3 consecutive years. Therefore, there is no certification effect in 2022.

Care the Whale: Circular Based Waste Management

TISCO Group has joined the Care the Whale project in 2021 to show its readiness to reduce global warming by bringing waste from operations back to the recycling process. It efficiently manages and reduces the impact on the environment as well as creates a balance that promotes the circular economy. This is in line with the TISCO Eco Society project that has been implemented continuously. In 2022, TISCO Group also collaborates with Osotspa Public Company Limited, one of the members of this project for recycling glass bottles. It will be piloted at TISCO Tower before expanding to other offices in the following year.



5. Greenhouse gas emissions reduction and Climate Change Management

Climate change has quickly become one of the most pressing global issues of our time. Although banks themselves are not key contributors to climate change, they may play an indirect role when lending money to industries whose operations do have direct environmental impacts.

With this in mind, TISCO Group has integrated social and environmental care in its business operations and produced guidelines on how to deal with social and environmental issues as follows:

1

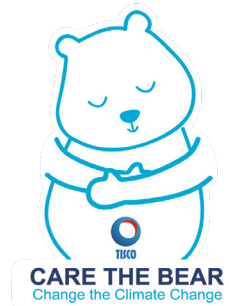
Establishing a process of analyzing and assessing ESG risks as well as issues related to social and environmental impacts that may arise from credit underwriting in accordance with the responsible lending policy. (Page 49-51)

2

Giving loans and investing responsibly by taking environmental, social and good governance issues into account in the credit approval process, as well as formulating investment policies that are socially and environmentally responsible under good governance. (Page 52)

Operation results

As part of our SD Roadmap, TISCO Group has focused its attempt to reduce the GHG emission through the "Care the Bear: Change the Climate Change by Eco Event" project held by the Stock Exchange of Thailand (SET), which is also part of the UN's SDGs to achieve Goal #13: Climate Action.



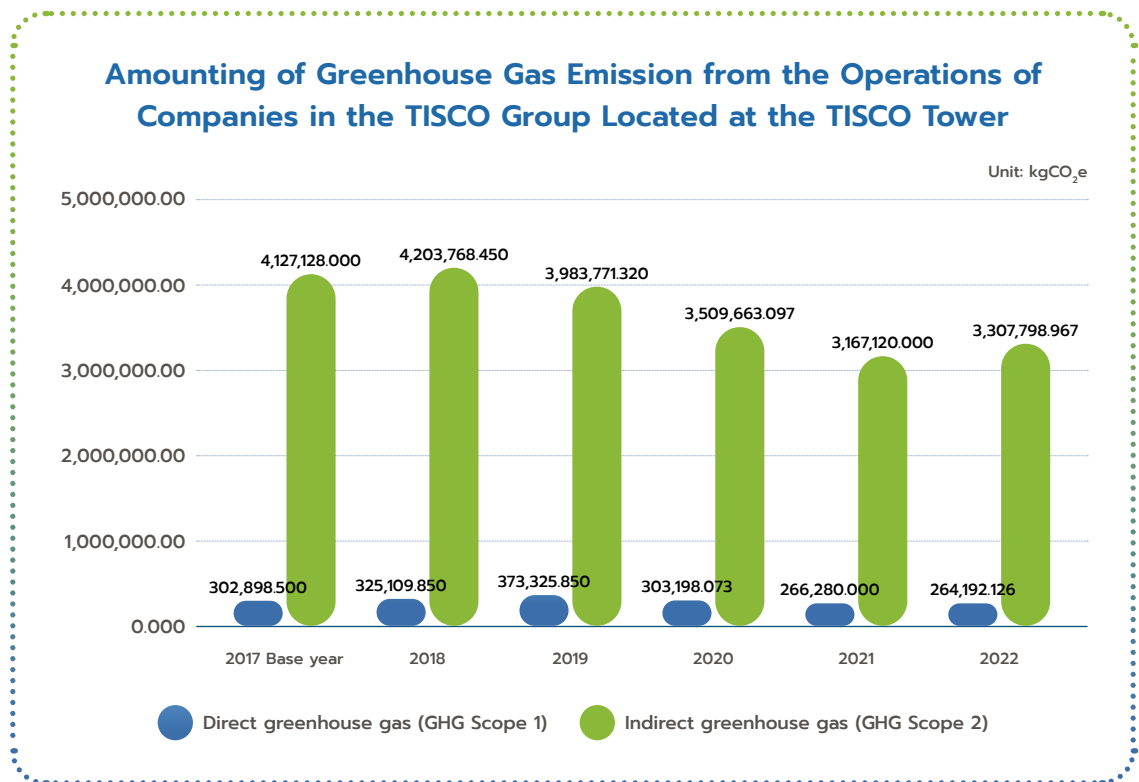
Operation and Management

- Integrate social and environmental management in the organization's business activities.
- Set a target to reduce greenhouse gas emissions by 14% compared to 2017 (base year) as a target of the 2023-2025 action plan

In 2022, TISCO Group has implemented the following projects:


Reducing greenhouse gas emissions from operations in TISCO buildings

In 2022, GHG emissions from operations in TISCO buildings decreased by 19.37% compared to 2017 (base year), but increased from 2021 by 138,591.092 kg.CO₂e (scope 1 and 2 only) as a result of the relief measures of the COVID-19 epidemic situation which more than 90% of employees returned to work in TISCO buildings.



Collaboration project with the Stock Exchange of Thailand, "Care the Bear: Change the Climate Change by Eco Event"

Organizing activities to reduce global warming problems by campaigning to change behaviour leading to reduction of greenhouse gas emissions. Both on-site and online activities such as organizing meetings, training, seminars, etc., using 6 Cares, namely 1. Campaign to travel by public transport or travel together. 2. Reduce the use of paper, plastic from various documents and packaging. 3. Refrain from using foam from packaging or foam for decoration. 4. Reduce energy consumption from electrical equipment or switch to energy-saving devices. 5. Design using decorative materials that can be recycled and 6. Reduce food waste left at events. The Stock Exchange of Thailand has prepared an evaluation form for project members to measure create new behaviours for the organization Increase operational efficiency, reduce costs, create a tangible and sustainable society and environment. In 2022, TISCO Group organized a total of 103 Eco Events, reducing greenhouse gas emissions by 25.719 tons of carbon dioxide equivalent. or equivalent to planting 2,858 big trees

Results of Care the Bear project	 The amount of greenhouse gases can be reduced (tCO ₂ e)				
	2018	2019	2020	2021	2022
Organizing activities to reduce greenhouse gas emissions	7.603	4.320	1.232	0.950	25.719



6. Environmental Conservation

TISCO Group realises that natural resources are utilised for living both directly and indirectly as important components of economic development. The excessive use of natural resources, however, has negative impacts on the environment, leading to global warming and other environmental



problems that many parts of the world are currently facing. In the past 2 years, Thailand and the world have experienced major problems from the spread of COVID-19, therefore, the discontinuation of the annual tree planting activities due to social distancing requirements. TISCO instead produced online media to raise awareness and create the conservation culture within the organisation. We encouraged the employees' participation in separating waste, reusing, and proper waste management as well as minimizing paper use. At the same time, TISCO Group paid serious attention to the security of information that was managed by the group, especially in the process of shredding documents or papers. There are no longer used or expired. This was to ensure that no information contained in the management of TISCO Group would be leaked. TISCO also allowed representatives the right to observe the destruction of documents. We also considered reusing paper where appropriate.

