TOSHIBA

TOSHIBA TEC Singapore Pte. Ltd. Site Report Information

Address: 2 Ang Mo Kio Street 62 Singapore 569138

Lot area: 15,011 m^2, Building area: 8,019 m^2, Green ratio: 5.0 %

Establishment: Dec, 1988, Employees:360 (as of March 2026)

Major products: POS Products, Barcode Printers, Multi functional Peripherals, Dot Matrix Printers, Self-Service Kiosks and Gaming.

ISO 14001 certified: April, 1998, Latest update: 17th April 2026
(ISO 14001:2015 Certificate number: 787805)



Message from Environmental Preservation Chief

Toshiba TEC Singapore (TSE) harmonized environmental management system with business activities, products and services, with respect to the reduction of environmental impacts, response to climate change, sustainable consumption and production, and conservation of biodiversity. We promote environmental awareness for sustainable tomorrow.



Environmental Preservation Chief
Annie Tan

Major environmental activities in 2025

Reduction in CO2 emissions
- Replacement of outdated desktop PCs with energy-efficient laptop.
- Transition from conventional lighting to LED lightings.
- Shut down central air-conditioner and lighting during non-operational periods.
- Promotion for energy reduction to employees through poster.

Total CO2 emission reduction of 2.5% compared to FY2024.

Reduction in water
- Water awareness promotion

Reduction in waste
- 3R awareness promotion
- Give away good wooden pallet to vendors, forwarders and Community club.
- Reduction of thermal paper waste when transfer of Qualification Test function to TIE.

Biodiversity
- Bird and Butterfly Survey

CSR Activities
- Beach Clean-Up at The Cove, Pasir Ris Park
- Food donation to Singapore Foodbank.

Development of products and environmental technologies, Environmental consideration point

Barcode Printer



- Achieve Energy Star 3.0 Requirement for power saving.
- Power save mode applied to external USB host controller and LCD controller.
- Reduction of LED brightness on LAN connector.
- Removal of unnecessary indicator LEDs.
- Overall standby and operational power consumption are minimized, supporting a sustainable and energy-efficient design.

POS Printer



- Use paper pulp packaging to replace plastic or foam packaging.
- Paper pulp is lighter, which helps reduce shipping weight and cost.
- It is made from recycled materials, reducing raw material waste.
- Paper pulp has a lower carbon footprint compared to plastic made from petroleum.

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TOSHIBA TEC SINGAPORE PTE LTD

Integrated Management System Policy

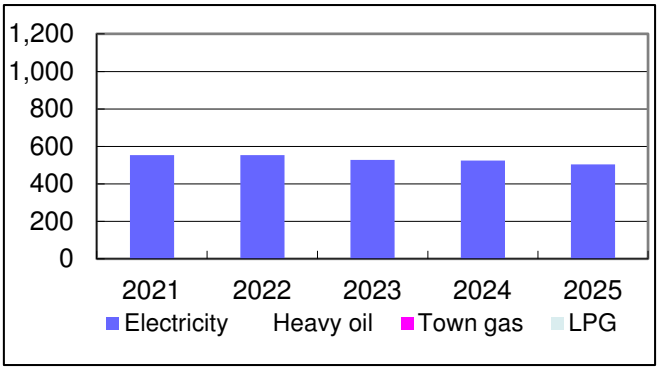
We shall integrate Quality, Environmental, Health & Safety considerations in our business decision making to enhance customer satisfaction, manage environmental impact, provide safe and healthy workplaces to prevent injury & ill health and safety hazards, such information are readily available to interested parties. We strive to continually improve our management system with the following commitments:

1. We create quality products and services with pride and passion, keeping our customers in mind all the time and everywhere.
2. We respect each and individual employee, develop one's abilities and together we foster an open and healthy corporate culture and we tirelessly seek new challenges.
3. We fulfill our responsibilities toward each country and community in which we operate, we respect the local culture and history, and we comply with the statutory and regulatory requirements.
4. We improve and maintain a healthy and safe work environment through proper safe work procedures, managing hazards and implementing risk controls, these includes consultation, participation and feedback from employees.
5. We harmonized environmental management system with business activities, products and services, with respect to the reduction of environmental impacts, response to the climate change, sustainable consumption and production, and conservation of biodiversity.
6. We take the necessary information security measures to prevent information leakage.
7. We strive to maximize our corporate value to achieve appropriate profits and reserves to meet the expectations of our stakeholders through implementing management innovation and investing in research and development.

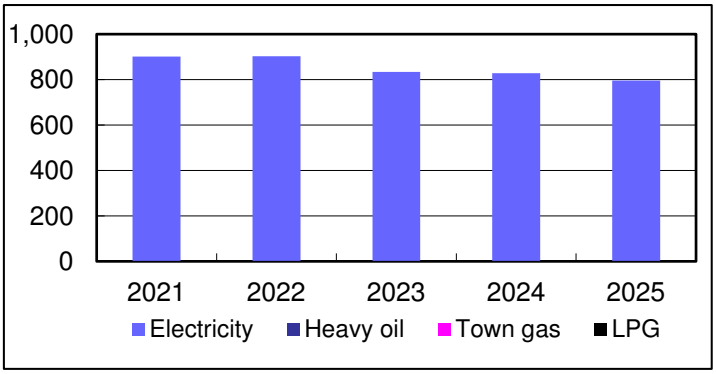
Shuji Kigawa
President & Chief Executive Officer
1st April 2025

Environmental load data

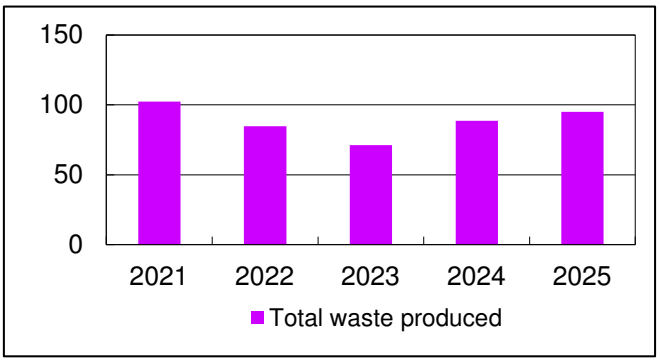
Energy usage (unit: KL)



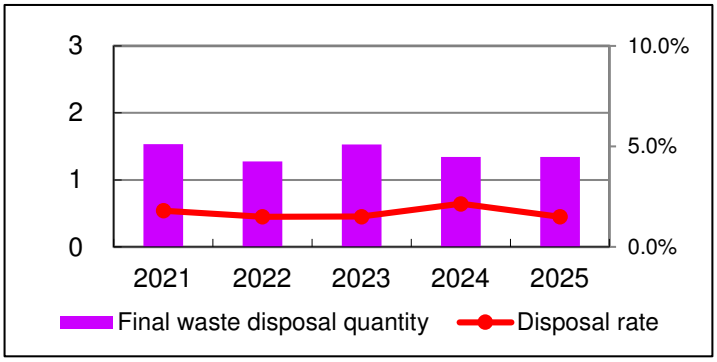
CO_2 emission (unit: ton-CO_2)



Total waste produced (unit: ton)

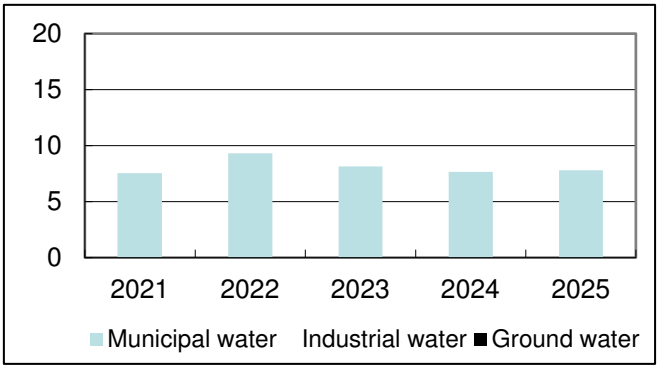


Final waste disposal quantity & disposal rate (unit: ton,%)

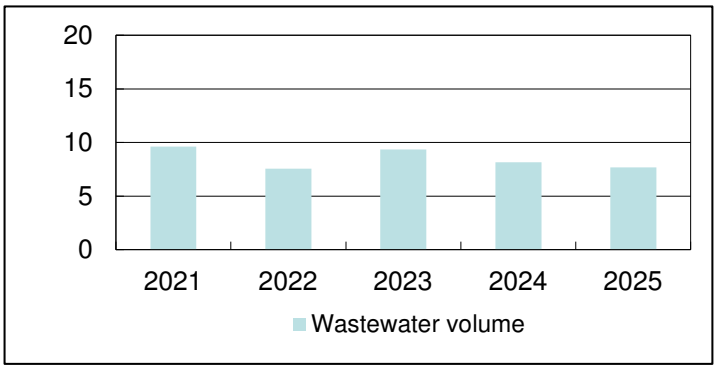


Major wastes: Paper, Plastic, etc.

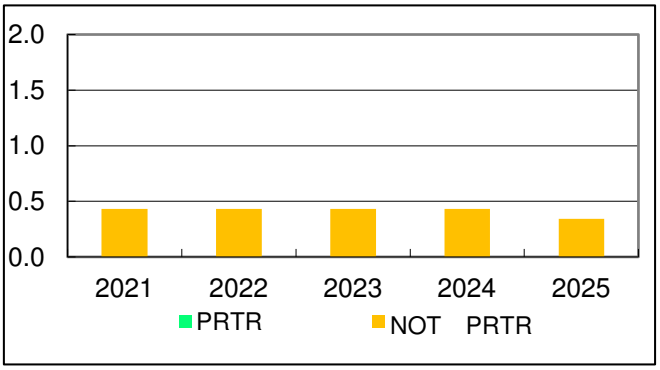
Water usage (unit: 1,000m^3)



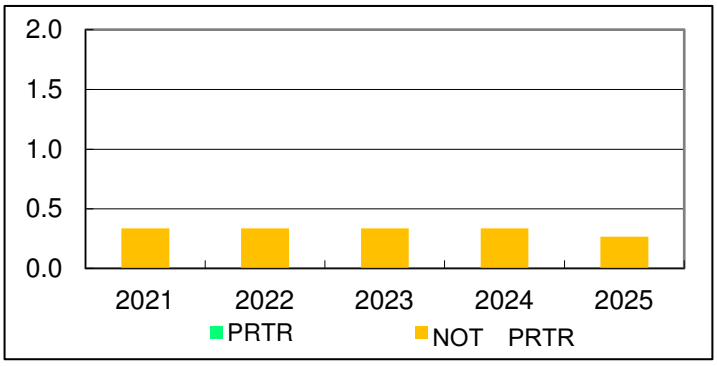
Wastewater volume (unit: 1,000m^3)



Handing substances (unit: ton)



Substances volatilized and released to water (unit: ton)



Major chemical substances: Isopropanol, etc.

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Compliance management

Atmospheric measurement results (multi-pipe small-type through flow boiler (city gas): X units)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
NOx (ppm)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
SOx (Nm3/h)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Soot & dust (mg/Nm3)	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Wastewater measurement results (major results) (Facility, IC at Guard house and IC near Bin Centre): Wastewater is discharged to drainage)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6-9	6.5 – 8.5	7.8	Once/2 years
BOD (mg/l)	400	350	10	Once/2 years
COD (mg/l)	600	500	135	Once/2 years
SS (mg/l)	400	300	11	Once/2 years
Nitrogen (mg/l)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Fluorine (mg/l)	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Noise & vibration measurement results (Boundary noise)

	Location: Time	Regulation value	Self-control value	Actual measurement	Measurement frequency
Noise (dB)	Lot boundary: Day	75	72	61	Once/3 years
	Lot boundary: Night	65	62	58	Once/3 years
Vibration (dB)	Lot boundary: Day	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Lot boundary: Night	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Other measurement results (Sewage Water Law: Major results)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6-9	6.5 – 8.5	7.8	Once/2 years
BOD (mg/l)	400	350	10	Once/2 years
SS (mg/l)	400	300	11	Once/2 years

Environmental accidents, administrative advices and complaints

	State
Environmental accident	None
Environmental problem around the factory and in the local area	None
Administrative advice or direction	None
Complaint from neighboring residents	None

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Environmental communication

＜Beach Clean-Up at The Cove, Pasir Ris Park with Toshiba Group of Companies in Singapore＞



The beach clean-up activity at The Cove, Pasir Ris Park was successfully carried out with the enthusiastic participation from employees of the Toshiba Group of Companies, who volunteered their time and effort. This initiative reflects our collective commitment to environmental sustainability and aligns with our goal of fostering a marine friendly environment.

Date : 10th Dec 2025

A total of 41 volunteers from Toshiba groups companies in Singapore were participated in this clean-up and collectively removed 56kg of trash from the coast.

＜Reuse Coffee Ground for Plants＞



Following the installation of new coffee machines, an increase in coffee ground waste is expected. The EHS team has conducted a study and introduced a sustainability initiative to reuse the coffee grounds as fertilizer for plants. Coffee grounds helps retain moisture and add nutrients to the soil as it breaks down. In addition, the coffee grounds are made available for employees to take home for use in their own gardening.

Date : Ongoing

＜Replace IPA cleaning with Dry Ice for Stencil Cleaning Process＞





Isopropyl Alcohol (IPA), widely uses for cleaning purposes, poses environmentally concern as it readily evaporates and release volatile organic compounds (VOCs) into the atmosphere contributing to environmental pollution. Manufacturing Industrial Engineer has introduced dry ice cleaning process to remove flux residue, helping to protect the environment and improve safety.

Date : 1-Jul-2025

A total of 144 liters of IPA saved from this activity.

Conservation of Biodiversity

<Bird and Butterfly Survey>

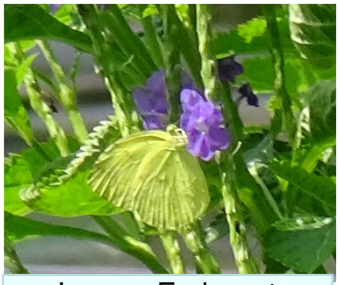
Half-yearly, we conducted butterfly and bird surveys at neighbouring Bishan-Ang Mo Kio Park. The data collected from this survey are submitted to National Parks Board to help understand common species residing at the parks and this contributed to rehabilitation efforts of Singapore.

A total of 15 butterfly species and 14 bird species spotted.


Pied Imperial Pigeon


Asian Koel


Peacock Pansy


Lemon Emigrant

Environmental targets

The main Environmental targets for FY2026.

Item	Indicator	Target for FY2026
Global warming prevention	Reduction in the CO2 emissions FY2007	66% reduction
Optimization of resources	In the ratio of total amount of waste generated to output relative to FY2007	36% reduction
Control of Chemical Substances	Reduction in the quantity of the toxic chemical FY2007	92% reduction

Environmental objectives

The main Environmental objectives for FY2028.

Item	Indicator	Objective for FY2028
Global warming prevention	Reduction in the CO2 emissions FY2007	67% reduction
Optimization of resources	In the ratio of total amount of waste generated to output relative to FY2007	44% reduction
Control of Chemical Substances	Reduction in the quantity of the toxic chemical FY2007	93% reduction