PT TEC INDONESIA Site Report Information

Address: Lot 108-110, Batamindo Industrial Park, Mukakuning, Batam 29433

Lot area: 20,475 m^2, Building area: 18,154.5 m^2, Green ratio: 22.4 %

Establishment: 1st July 1992, Employees: 1,246 (as of March 2026)

Major products: Dot Matrix Printers, POS Products, Barcode Printers, Betting Terminal and Kiosk Printers.

ISO 14001 Certified: Aug 1998, Latest update: 15th April 2026
(ISO 14001 : 2015 Certificate number: 787805a)



Message from Environmental Preservation Chief

PT TEC INDONESIA (TIE) 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.
We promote environmental awareness for sustainable tomorrow.



Environmental Preservation Chief
Bambang Soeratno

Major Environmental Activities in FY2025

Reduction in CO2 emissions saving
- Replacement of efficiency Air Conditioners system in Production area.
- Turn off AC & lighting when no production running.
- Review & study Ac setting at Office area (AC Setting & Actual temperature & blinds).

Total CO2 emission reduction of 1% compared to FY2024

Reduction in Water
- Replace water efficiency device (eg. Water tap, toilet flushing system) and check leakage regularly.
- Promote water saving awareness through poster and email.
- Install rainwater harvesting at lot 109 for floor cleaning & gardening.

Reduction in Waste
- Review supplier packaging method.
- Give away wooden pallet from oversea suppliers to local suppliers
- Define the conditions requiring the disposal of contaminated gloves

Reduction in Chemical
- Review chemical usage in production area.
- Purchase new machine for stencil cleaning.

Exhibition of Environmental & Biodiversity
- Held an exhibition of environmental & biodiversity to employees during lunch hours.

CSR Activities
- A tree planting event was held at the Senior High School on 26 August 2025.
- Beach cleaning at Tanjung Pinggir Beach, Sekupang, Batam, was conducted on 20 December 2025.

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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Environmental Policy



PT TEC INDONESIA

Integrated Management System Policy

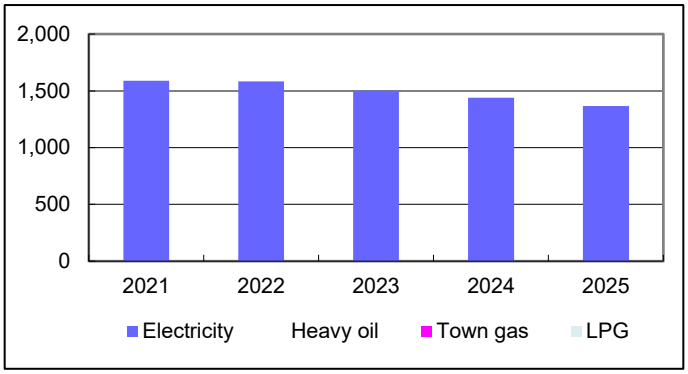
We shall integrate **Quality, Environmental, Health & Safety** considerations in our business decision making to enhance customer satisfaction, manage environmental impact, provide safe and healthy workplaces to prevent injury & ill health and safety hazard, such information are readily available to 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.

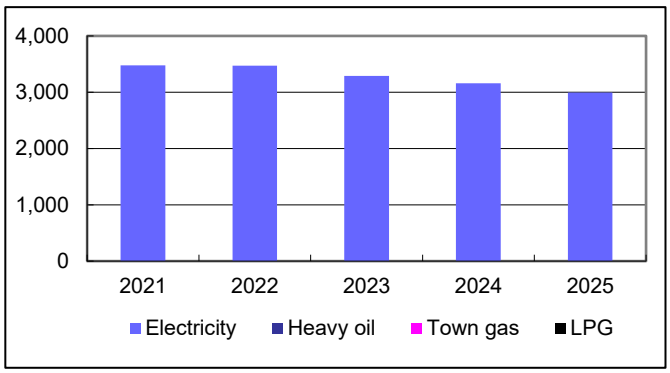
Shingo Hamamura
President Director
1 Oct 2023

Environmental load data

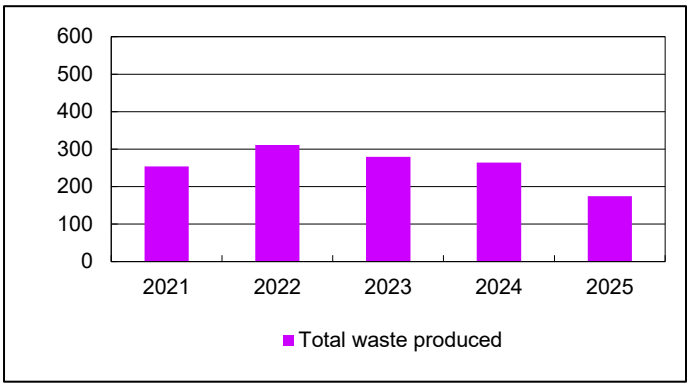
Energy usage (unit: KL)



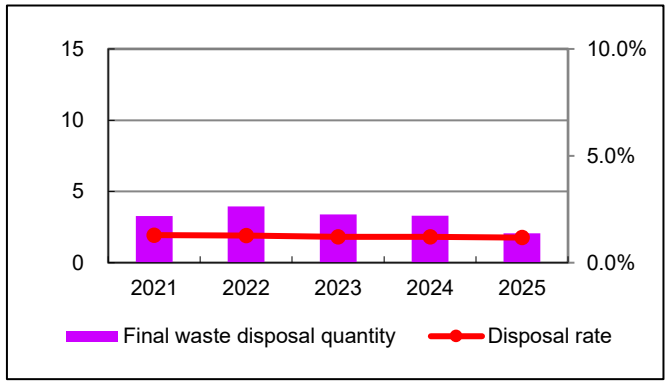
CO_2 emission (unit: ton-CO_2)



Total waste produced (unit: ton)

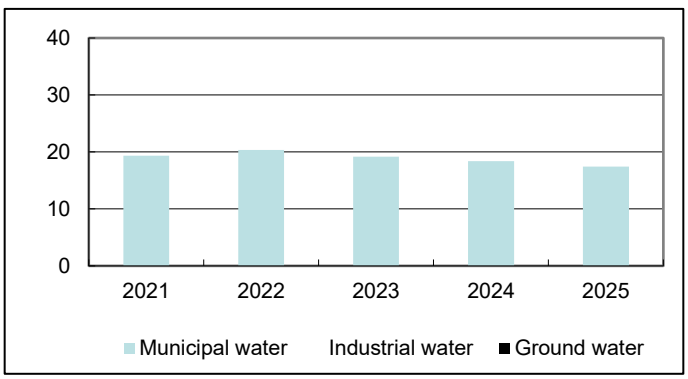


Final waste disposal quantity & disposal rate (unit: ton,%)

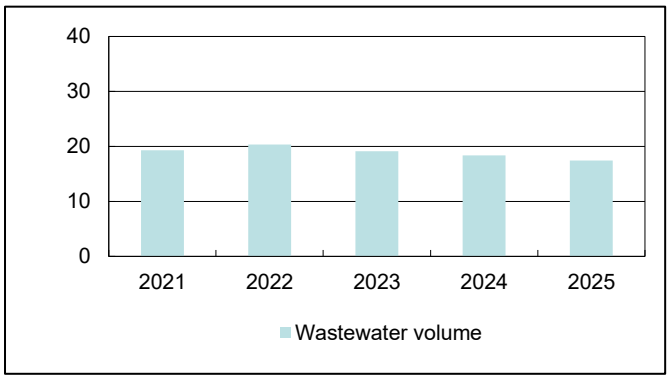


Major wastes: carton, paper, plastic, etc.

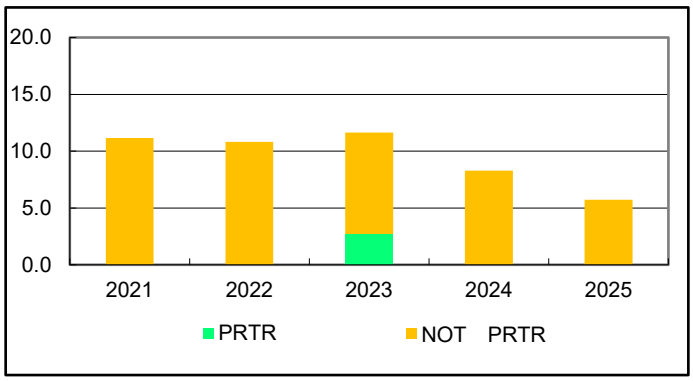
Water usage (unit: 1,000m^3)



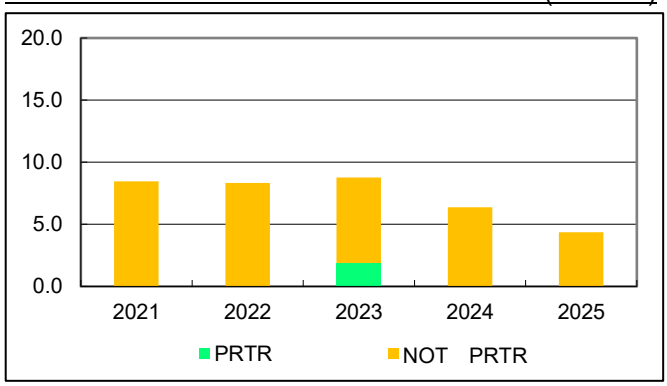
Wastewater volume (unit: 1,000m^3)



Handing substances (unit: ton)



Substances volatilized and released to water (unit: ton)



Major chemical substances: IPA (Isopropyl alcohol)

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Compliance management

Atmospheric measurement results :
Exhaust fan (SMT, Solder Dross, Dot Head, PCB & Epoxy Room each 1 unit). From outside Building Exhaust fan 5 units

	Regulation value	Self-control value	Actual measurement	Measurement frequency
NO_2 (mg/Nm³)	Max. 1000	Max. 500	6.24	Twice/year
SO_2 (mg/Nm³)	Max. 800	Max. 400	2.62	Twice/year
Lead, Pb (mg/Nm³)	Max. 12	Max. 6	0.17	Twice/year

Wastewater measurement results (major results)
Wastewater is discharged to rivers (Lake Duri Angkang). FDS Lot 107,108, 109, 110

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6.0 - 9.0	6.5 - 8.5	6.41	Twice/year
BOD (mg/l)	Max. 150	Max. 135	18.56	Twice/year
COD (mg/l)	Max. 300	Max. 270	61.58	Twice/year
TSS (mg/l)	Max. 400	Max. 360	87.66	Twice/year
Nitrogen (mg/l)	Max. 60	Max. 30	1.02	Twice/year
Fluoride (mg/l)	Max. 3	Max. 2.7	0.21	Twice/year

Noise & vibration measurement results (Boundary Noise)

	Location: Time	Regulation value	Self-control value	Actual measurement	Measurement frequency
Noise (dB)	Lot boundary: Day	Max. 70	Max. 67	63.60	Twice/year
	Lot boundary: Night	Max. 70	Max. 67	57.75	Twice/year
Vibration (dB)	Lot boundary: Day	NA	NA	NA	NA
	Lot boundary: Night	NA	NA	NA	NA

Other measurement results (Sewage Water Law: Major results)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	NA	NA	NA	NA
BOD (mg/l)	NA	NA	NA	NA
SS (mg/l)	NA	NA	NA	NA

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

Environmental Activities

＜CSR Beach Cleaning＞

As part of CSR commitment, TIE carried out a beach clean-up at Tanjung Pinggir Beach, Batam. The activity engaged 87 participants comprising TIE Management, EHS Committee members, employees with their families, and local residents. The clean-up resulted in the collection of 704 kilograms of waste, including both natural debris (seaweed, wood, dried leaves) and non-natural waste (food packaging, plastic bottles, plastic bags). Furthermore, TIE contributed to long-term environmental awareness by installing an Environmental Awareness Board and providing cleaning equipment to the surrounding community.





（Outline）
Date: December 20th, 2025
Number of participant 87 participants including TIE Management, TIE EHS member, TIE employees with their families & local resident.

＜CSR Tree Planting＞

As part of our Corporate Social Responsibility (CSR) initiatives, our company is committed to environmental responsibility through various programs, including a tree planting activity at Senior High School Batam (SMAN 28 Batam). Together, we planted a variety of fruit trees including mango, rambutan, mangosteen, longan, avocado, honey guava, and pomelo, demonstrating our united effort to nurture greener, healthier communities for future generations.







（Outline）
Date: August 26th, 2025
Number of participant 158 participants including TIE Management, EHS Committee, employee representative, teachers, students & local residents .

<Conducted E-waste Programme at Dormitory ＞

Our company is committed to environmental responsibility through our e-waste collection program. We organized an e-waste collection day at the dormitory. 52 kg of e-waste was handed over to a licensed e-waste collector.



（Outline）
Date: June 17th, 2025
Item collected : spoil electrical appliances such as refrigerators, washing machines, and televisions

Environmental and Biodiversity Exhibition

We initiated the biodiversity (Introduce Kantong Semar, a native endangered plant) and environmental exhibition (climate change and waste reduction) to employees during lunch hour. The exhibition serves as an educational platform to strengthen understanding and inspire greater responsibility toward protecting the surrounding environment.



Environmental & Biodiversity Exhibition

（Outline）
Date: January 6th – 8th 2026
A total of 258 of employees were joined this activity.

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Environmental targets

The main Environmental targets for FY2026.

Item	Indicator	Target for FY2026
Global warming prevention	In the ratio of CO2 emissions to net output relative to FY2007	26% reduction
Optimization of resources	In the ratio of total amount of waste generated to output relative to FY2007	38% reduction
Control of Chemical Substances	In the ratio of total amount of toxic chemical generated to output relative toFY2007	36% reduction

Environmental objectives

The main Environmental objectives for FY2028.

Item	Indicator	Objective for FY2028
Global warming prevention	In the ratio of CO2 emissions to net output relative to FY2007	21% reduction
Optimization of resources	In the ratio of total amount of waste generated to output relative to FY2007	38% reduction
Control of Chemical Substances	In the ratio of total amount of toxic chemical generated to output relative to FY2007	48% reduction