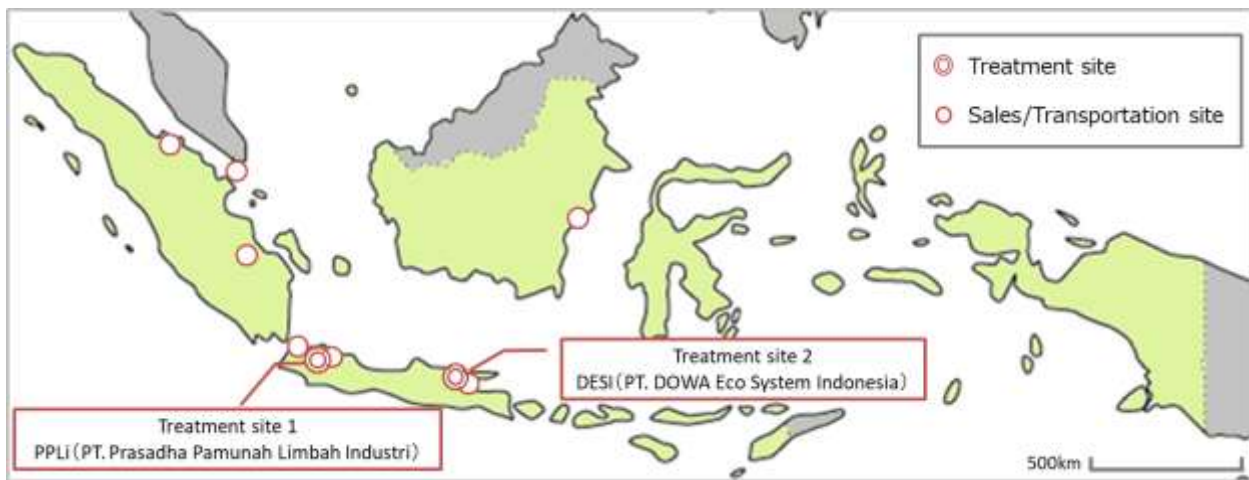


**DOWA to Strengthen the Environmental/Recycling Business in Indonesia
Operations of a Hazardous Waste Detoxification Incinerator to Commence
and a Second Waste Treatment Site in East Java to Open**

DOWA ECO-SYSTEM CO., LTD. (headquarters: 14-1, Sotokanda 4-Chome, Chiyoda-ku, Tokyo; capital: 1.0 billion yen; president: YANAI Yasuharu), a subsidiary of DOWA HOLDINGS CO., LTD. (headquarters: same as above; capital: 36.4 billion yen; president: SEKIGUCHI Akira), newly obtained permit for a hazardous waste detoxification incinerator at its subsidiary in Indonesia, and will begin to operate it in December 2021. In addition, the company will construct a new waste treatment site with a secured landfill which can accept hazardous waste in East Java, and will plan to begin operations in the latter half of 2022. This will enable the DOWA Group to enhance its comprehensive waste management service in Indonesia and prepare a system for appropriately treating a larger amount of waste and meeting the demand for promoted recycling.



DOWA environmental/recycling business sites in Indonesia

1. Beginning the operation of the hazardous waste detoxification incinerator

PPLi has a landfill site that was authorized as hazardous waste landfill, currently the only one in Indonesia, and provides comprehensive waste treatment services including waste transportation, blending/conversion to energy, segregation/recycling, liquid waste treatment, and landfill.

The hazardous waste detoxification incinerator, which approval was obtained and will begin operating, is low-carbon-type waste treatment equipment that requires minimal supplemental fuel except for at ignition, as well as has the largest treatment capacity in Indonesia and a sufficient exhaust gas treatment feature. This will enable PPLi to accept more hazardous waste with properties that are unsuitable for conversion to energy or landfill treatment.

[Overview of the incinerator]

- Location: Premises of PPLi
- Objects to be treated: Hazardous waste (solid and liquid)
- Treatment capacity: 50 tons/day
- Date of approval: November 30, 2021
- Start of operation: December 2021



Appearance of the equipment
(photographed in October 2021)

2. Building the new second treatment site in East Java

DESI, which was established in 2012, is currently constructing the comprehensive waste treatment site with a secured waste landfill which can accept hazardous waste in East Java since 2021, and will plan to begin operations in the latter half of 2022. Once operations begin, PPLi and DESI will work together to establish a system providing comprehensive waste management services in East and West Java, where Indonesia's population and industry are most concentrated. This will enable to increase service areas around the country as well as on Java while improving the efficiency of transportation.

[Overview of the new waste treatment site]

- Location: Lamongan Regency, East Java
- Total site area: 540,000 m² (planned)
- Business: Waste blending/conversion to energy, segregation/recycling, liquid waste treatment, and landfill
- Start of operations: H2 2022 (planned)



Progress of construction
(photographed in October 2021)

DOWA ECO-SYSTEM CO., LTD. entered Southeast Asia in FY2008 and now runs the Environmental Management & Recycling Business, including appropriate waste treatment and waste recycling, in the four countries of Indonesia, Thailand, Singapore, and Myanmar.

It will continue to solve the environmental problems that exist due to the development of Asia and will help to create a sustainable society.

[Overview of PPLi]

1. Headquarters: Jl. Raya Narogong Desa Nambo, Cileungsi, Bogor, Indonesia
2. Established: 1994
3. Capital: 49.5 billion rupiah
4. Representative: CHIDA Yoshiaki
5. Number of employees: Approx. 800
6. Shareholders: Modern Asia Environmental Holdings Pte. Ltd.* (95%),
*A fully owned subsidiary of DOWA ECO-SYSTEM CO., LTD.
Indonesian government (5%)
7. Business: Waste transportation, blending/conversion to energy, segregation/recycling, liquid waste treatment, and landfill
8. Waste accepted in 2021: Approx. 250,000 tons/year

[Overview of DESI]

1. Headquarters: Jl. Raya Kupang Indah, Surabaya, Indonesia
2. Established: 2012
3. Capital: 44.4 million USD
4. Representative: YAMAMOTO Jun



5. Number of employees: Approx. 50 (planned for start of operation)
6. Shareholders: DOWA ECO-SYSTEM CO., LTD. (99%),
Modern Asia Environmental Holdings Pte. Ltd. *(1%)
*A fully owned subsidiary of DOWA ECO-SYSTEM CO., LTD.
7. Business: Waste blending/conversion to energy, segregation/recycling,
liquid waste treatment, and landfill

[Contact for inquiries]

DOWA HOLDINGS CO., LTD.

<https://ir.dowa.co.jp/en/ir/contact1.html>