Waste Management and Circular Economy Performance



2025 Performance	*Goal*
54% In 2025, the Company's waste diversion rate was 54% of total waste, reflecting the proportion of waste that was reused, recycled, or otherwise diverted from landfill.	***Short-term goals for 2025: 60%*** ***Medium-term goal for 2034: 80%*** ***Long-term goals for 2050: 90%*** Waste diversion rate as a percentage of total waste.

The Company systematically monitors and evaluates its waste management operations, with measurable and verifiable achievements as follows:

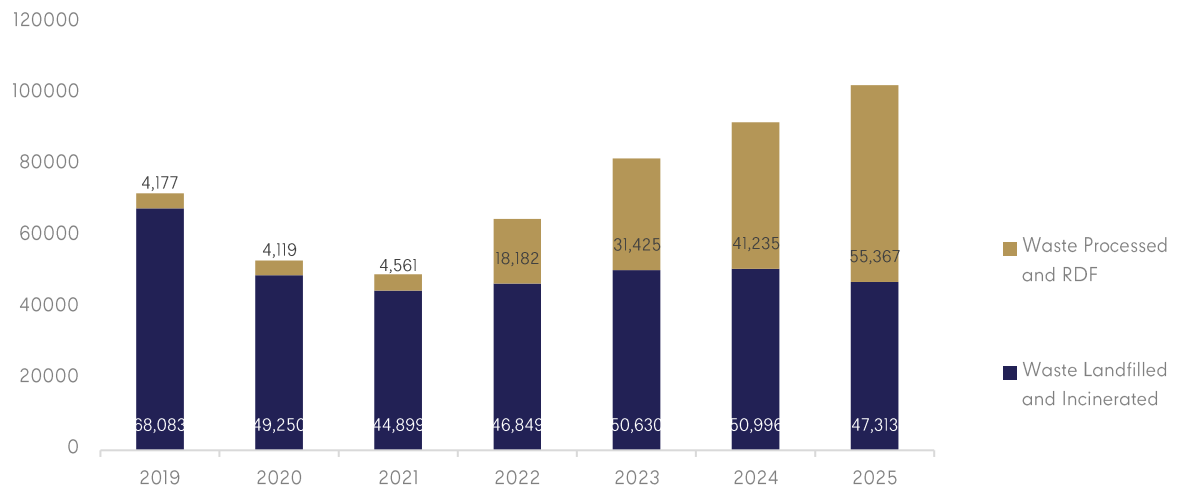
01. GHG reduction from the circular economy (GHG Avoidance in Scope 3).

Committed to reducing the amount of landfill waste and divert waste from landfill. This directly supports on reducing greenhouse gas emissions, which supports the organization's Net Zero goals.

- The total amount of waste generated from operations in shopping centers and office buildings under Central Pattana Group and its **69** subsidiaries was **102,680** tons, including waste awaiting disposal at the end of 2025. This represented an increase of **11%** from 2024. The amount of waste that underwent the separation process was **55,393** tons, an increase of **34%** from the previous year. This helped reduce the proportion of waste sent to landfill to of the total waste removed from the **54%** organization, resulting in a waste diversion rate of **54%**. Waste management performance in 2025 was equivalent to a reduction of **123,745** tons of carbon dioxide equivalent. Compared with the previous year, greenhouse gas emissions decreased by **6.8%**.
- Certification under the Low Emission Support Scheme (LESS) by the Thailand Greenhouse Gas Management Organization (TGO) verified that the Company reduced greenhouse gas emissions by a total of **78,270** tons of carbon dioxide equivalent through recyclable waste sorting, the production of animal feed from organic waste, and UHT carton recycling. This represented an increase of **40.63%** compared with 2024.
- Electronic waste management helped reduce the carbon footprint by more than **1,664** kilograms of carbon dioxide equivalent.



Total Waste Generated by Central Pattana-managed Shopping Centers
(Unit: Tons)



02. Value recovery and pollution reduction

- **Electronic waste (E-waste)** The Company collected electronic waste from tenant stores and sorting bins in shopping centers nationwide. A total of **7.2** tons of e-waste was sent for safe disposal.
- **Community Hazardous Waste** The Company collected hazardous waste from communities through service points in shopping centers for proper disposal, totaling more than **17.74** tons.
- **Reducing single-use plastic** Through the Bottle Free Seas project, the Company was able to avoid waste from more than **193,555** single-use plastic water bottles, with a cumulative total of **384,690** bottles reduced throughout the project.

03. Expanding Infrastructure and System Standards

- **ISO 14001 environmental standard certification** In 2025, **39** shopping centers and **3** office buildings operated by the Company received ISO 14001 certification, accounting for **75%** of the total operating area.
- **Recycling waste collection points for communities**
    - The Company opened permanent Recycle Stations at **12** branches.
    - In collaboration with government agencies, the Company served as a collection point for hazardous waste from communities, covering **42** branches nationwide.