Our Performance

In FY2024, the Company generated 706.057 tonnes of waste. We diverted 23.9276 tonnes through recycling and reuse, while 682.13 tonnes were properly disposed of. For scheduled waste, we adhere to the Environmental Quality (Scheduled Wastes) Regulations, 2005, employing DOE-licensed contractors for collection and disposal.

Category	FY2024 (Tonnes)	FY2023 (Tonnes)	FY2022 (Tonnes)
Waste directed to disposal	682.13	-	-
Waste diverted from disposal	23.9276	-	-
Total Waste Generated	706.057	-	-

Note:
1. Waste directed to disposal includes waste from our operation sites, such as rubbish, debris, and scrap materials, as well as waste from our hospitality sites, including the disposal of plastic and used plastic bottles.
2. Waste diverted from disposal includes waste that is reused, recycled, or subject to other recovery positions.
3. Recovery refers to an operation wherein products, components of the products or materials that have become waste are prepared to fulfil a purpose in place of new products, components, or materials that would otherwise have been used for that purpose.

SUSTAINABLE MATERIALS

Related UNSDGs

Goal 9: Industry, Innovation & Infrastructure

Goal 12: Responsible Consumption & Production

Goal 13: Climate Action

Why This Is Important

As a property developer, we recognise the importance of using sustainable materials in our development. By using sustainable materials, we aim to minimize environmental impact, conserve resources, and promote long-term economic and social benefits. Through these efforts, we aim to create environments that are resource-efficient, environmentally responsible and aligned with the natural ecosystem throughout their lifecycle.

Our Approach

We use a variety of materials in the construction of our developments. This includes the use of eco-friendly materials and initiatives which help to minimise environmental impact by reducing waste, conserving non-renewable resources, and lowering overall carbon emissions. The use of eco-friendly or green-labelled materials aids in improving indoor air quality and a healthier living environment due to the use of non-toxic components. Highlighted below are the key eco-friendly materials and initiatives that we use in the construction phases of our properties, each with its associated advantages:

Eco-Friendly Materials & Initiatives	
Low-Volatile Organic Compounds ("VOC") emulsion paints with green label	Used in common areas to reduce harmful indoor air pollution, improving indoor air quality.
Recycling and repurposing materials at construction sites for future use	Materials include temporary formwork framings and structures, steel and aluminium with recycled content, as well as Reinforcing Fabric of Steel BRC.

Eco-Friendly Materials & Initiatives	
Green Label Construction Materials, e.g. MyHijau/SIRIM Eco Label or other equivalent	Use of green-labelled materials such as ceiling boards and skim coats. For common areas, green-labelled exterior paints, waterproofing, tile adhesives, and sealants were used.
Aluminium Formwork System	Used in concrete construction in place of traditional wood formwork. The formwork system can be used more than 300 times without loss of quality or dimensional integrity, reducing waste. At the end of its life, it can be recycled through standard industrial processes.
Industrialised Building System ("IBS")	Utilising prefabricated components and modular construction methods to reduce waste, improve efficiency, and ensure sustainability through the use of standardised building elements that promote quicker assembly and reduced material consumption.
Non-chemical Water Treatment	Implementing natural water treatment systems such as bio-filtration and UV sterilisation to reduce our reliance on chemical-based solutions, ensuring more environmentally friendly water management practices for swimming pool usage at our developments.
Green Concrete Design Mix	Using a mix of 60% Ordinary Portland Cement ("**OPC**") + 40% ground granulated blast furnace ("**GGBS**") - a byproduct from power plant) – to reduce environmental impact since OPC production is more energy-intensive.
Green High Tensile Slop Stabilisation	At Tropicana Paradise, Tropicana Windcity, Genting Highlands, green high tensile slope stabilisation (with soil nails) was used in place of shotcrete, resulting in a decreased CO2 emission footprint of 89% and reduced air pollution that would have otherwise resulted from shotcrete processes.
Composting	For our Tropicana Golf & Country Resort operations, we create our own composed fertiliser as an ecologically friendlier alternative to traditional chemical fertiliser. This, in turn, reduces our waste and our maintenance cost. At Tropicana Gardens, 2 areas at the development site have been allocated to recycle and convert landscape waste into 100% organic and contaminant-free compost.

Our Performance

Below are the developments that have adopted sustainable and eco-friendly materials:

a. Tropicana Gardens (Arnica)
b. Tropicana Gardens (Bayberry)
c. Tropicana Gardens (Cyperus)
d. Tropicana Gardens (Dianthus)
e. Tropicana Gardens (Edelweiss)
f. Tropicana Gardens Office Tower
g. Tropicana Gardens Mall
h. Tropicana Metropark (SouthPlace Residences)
i. Tropicana Metropark (SouthPlace Shoppes)
j. Tropicana Miyu
k. Tropicana Alam Avisa Ph.2
l. Tropicana Cenang
m. Tropicana Grandhill Twinpines

Please refer to "Sustainable & Green Design" on pages 129 for their GBI / Green RE rating.