

## Waste and Unused Materials Management

Bangchak recognizes the important of waste management and conducts waste management practices rigorously to comply with waste-related regulations. The company adheres to the 3R waste management principles, which are Reduction, Reuse and Recycle of waste following local and international guidelines of waste management to mitigate environmental impacts from waste disposal. Our corporate target is to pursue the Zero Waste to Landfills for waste generated from production processes, except nickel and cadmium battery waste due to the limitation of waste management technology. The company focuses on waste disposal minimization and considers waste management approaches in order to make good use of waste.

### Strategy

3Rs waste management

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Law and regulation compliance

### 2019 Target

The amount of waste sent to landfill is zero (Zero waste to landfills).

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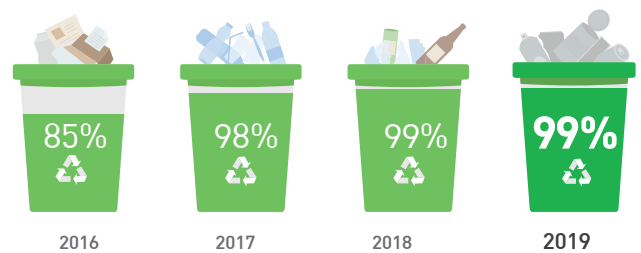
Percentage of waste managed by 3Rs increases continuously

### 2019 Performance

#### Amounts of waste generation by type



#### Percentage of waste management in accordance with 3Rs of the total waste volume



By using 3Rs waste management principles, Bangchak could make the use of waste for 99% of the total waste generated. However, nickel and cadmium battery wastes are sent for landfill disposal due to the limitation of technology and management approach in Thailand.

The amount of waste disposed by waste incineration without energy recovery (excluding recycling or reused or energy recovery) was 15.36 tons (waste incineration and landfill)

### 2025 Targets



The amount of waste sent to landfill disposal is **0** (Zero Waste to Landfills)



The amount of waste sent to waste incineration without energy recovery (excluding recycling or reused or incineration for energy recovery): **0 ton**



Waste generation intensity reduces by **3%** from business as usual within FY 2025 compared with base year 2015