



Plastic Recycling Factory



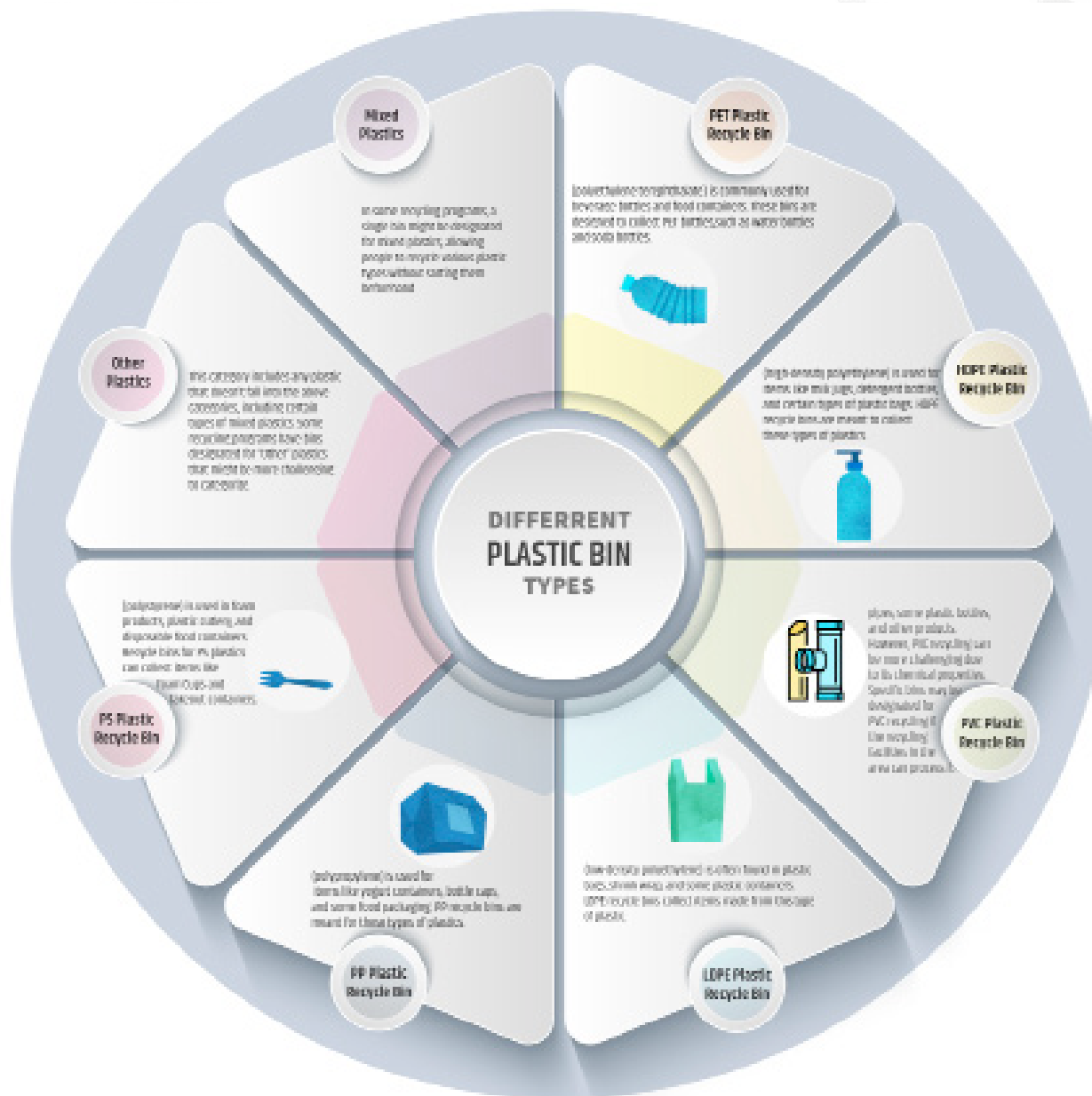
What is recycle plastic bin?

A plastic recycle bin is a container specifically designated for collecting and segregating plastic waste materials that can be recycled. Recycling is the process of converting waste materials into reusable products or raw materials, thereby reducing the environmental impact of waste disposal and conserving natural resources.

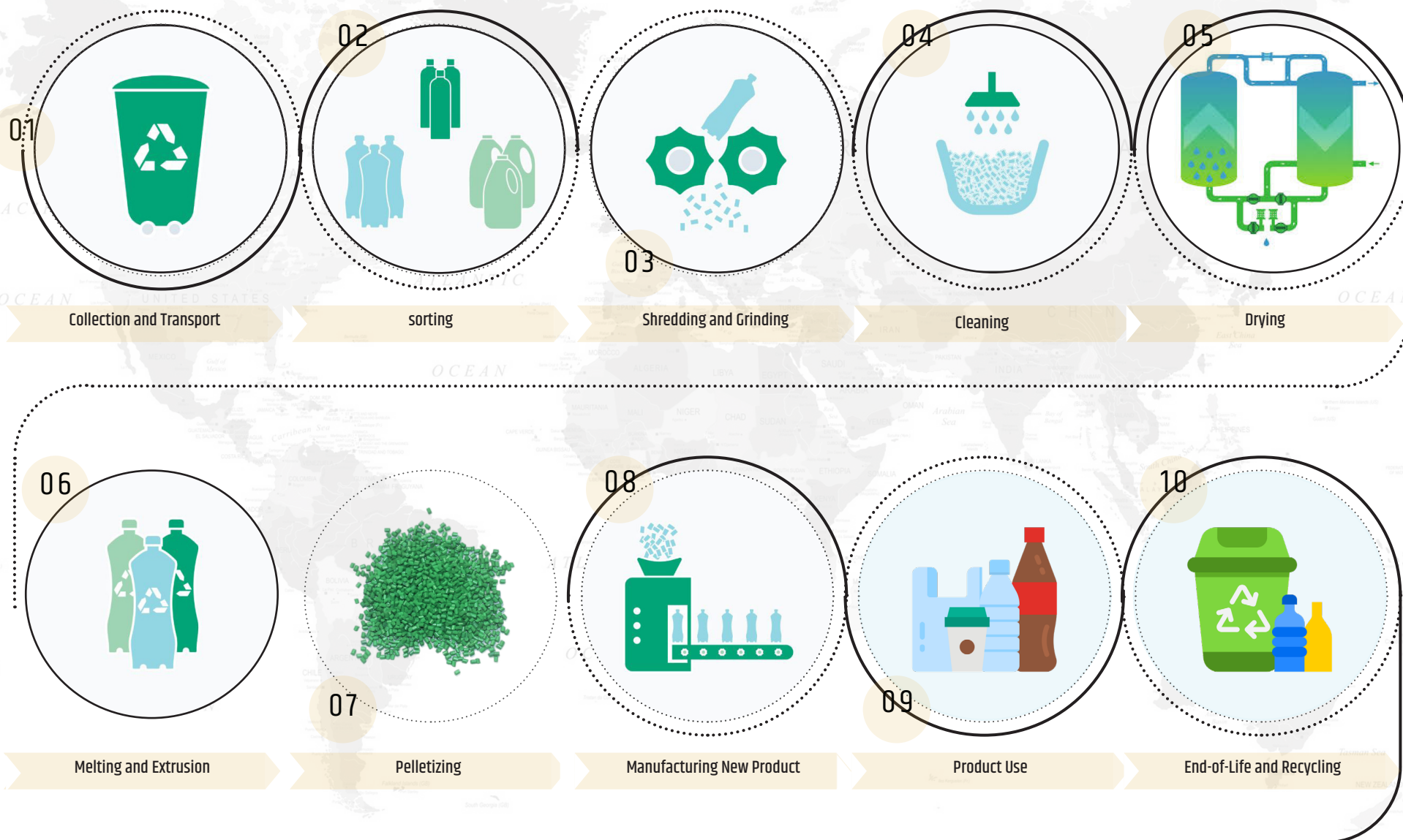
Introduction

Plastic recycle bins are typically placed in public areas, workplaces, homes, and other locations to encourage people to separate their plastic waste from other types of waste. The goal is to divert plastic waste from landfills and incinerators and instead channel it into recycling facilities where it can be processed and transformed into new plastic products.

What are the different types



The process of plastic recycle bin



The Importance of Plastic Recycling?

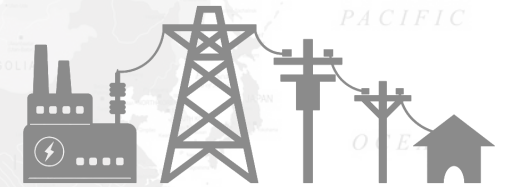


22.9 m³ of landfill



Recycling one ton of plastic saves around 16.3 barrels of oil.

**For every
1 ton of recycle plastic,
it can save:**



It can save 5,774 kWh of energy, which is enough to power a Tesla battery for more than 100 times.



Recycling one ton of PET reduces greenhouse gas emissions by about 1.8 metric tons of CO₂ equivalent

what are the different types of machines used in recycling plastic bin?

