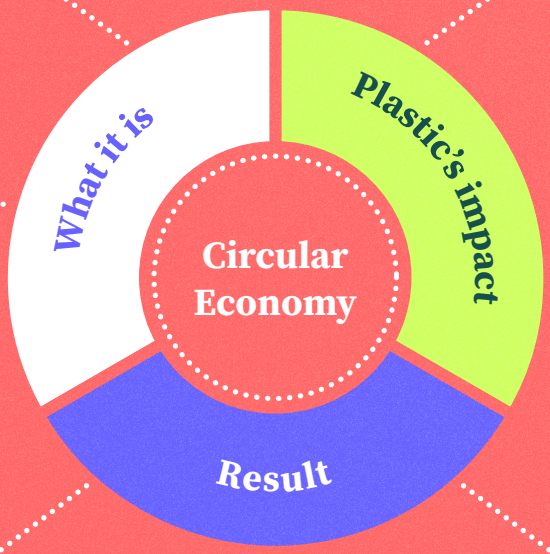
The Truth About Plastics Factsheet



A sustainable economic model.

Aims to eliminate waste and keep valuable plastic resources in use for as long as possible by keeping them in the economy and diverting away from landfills.

Minimizes the environmental footprint associated with the production and waste management of plastic through recycling.

Treats plastics as a resource to be used and not as a waste material to be disposed.

Focuses on keeping products, materials, and resources in a continuous loop,

Reducing waste,

Minimizing environmental impact.

Consider

the most sustainable plastics for each use. ***Prioritize materials*** in line with circular economy principles.

Recycle

plastic products to promote ***circularity*** while keeping them in use and out of the environment.

Innovate

plastic products for ***reusability***, ***recyclability***, or ***compostability***. Encourage product design supporting the circular economy.

Environmental Benefits of Plastics in the Circular Economy

Plastics, within the circular economy, offer notable environmental benefits compared to many alternatives.

01 Reduced Greenhouse Gas Emissions

Plastics' lightweight and versatile nature contributes to ***significant*** emissions reduction compared to many alternatives.

02 Energy Efficiency

Recycling plastics typically demands ***less energy*** than producing virgin plastic.

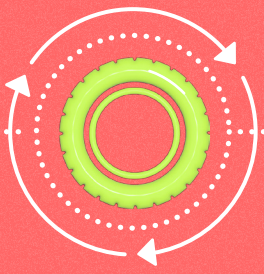
03 Resource Conservation

Extending the lifespan of plastic products ***reduces the demand*** for new raw materials, conserving natural resources.

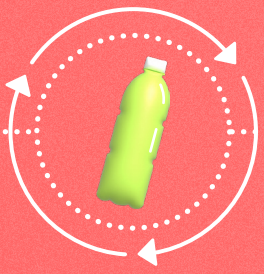
04 Waste Reduction

Plastics designed for recyclability and durability within a circular economy are more prone to ***preserving*** and ***protecting*** perishable foods, and products are less prone to end up in landfills or oceans.

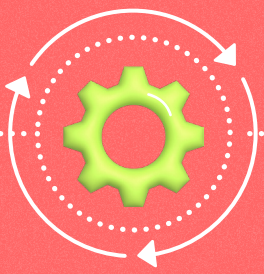
Circular Economy Done Right



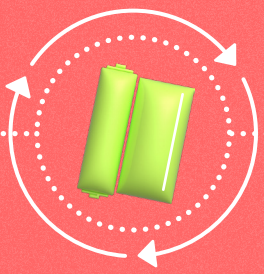
Recycled polystyrene, sourced from everyday plastic waste, like yogurt pots and food containers, is transformed into ***regenerated styrene***, used to produce rubber for ***car tires***.



PET water bottles are ***recycled*** to create new water bottles. These are the most common recycled products.



Ocean-collected plastic debris is recycled to manufacture sustainable products, and PET plastics derived from it can be further processed into ***various materials***.



Polyester fibre waste finds a new life as high-quality resin that can be further produced into ***sustainable packaging*** and ***film.***

Creating a Sustainable Future

When actioned accurately, a circular economy ensures

resources flow continuously

reducing the need for new raw materials and minimizing waste.

Plastics are versatile, lightweight, and durable materials. Most can be recycled, reused, and remanufactured, making them

essential for the success of a circular economy.

SAVE PLASTIC