



PLASTIC RECYCLING

Conference
&
Exhibition

7TH - 11TH MARCH
2025

INDIA EXPO
CENTRE, GREATER
NOIDA

INTRODUCTION

While plastic has many valuable uses, we have become addicted to single-use plastic products – with severe environmental, social, economic and health consequences.

Around the world, one million plastic bottles are purchased every minute, while up to five trillion plastic bags are used worldwide every year. In total, half of all plastic produced is designed for single-use purposes – used just once and then thrown away.

Plastics including microplastics are now ubiquitous in our natural environment. They are becoming part of the Earth's fossil record and a marker of the Anthropocene, our current geological era. They have even given their name to a new marine microbial habitat called the "plastisphere".

“

Between the 1970s and the 1990s, plastic waste generation more than tripled, reflecting a similar rise in plastic production.

”

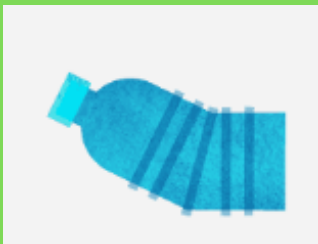
“

In the early 2000s, the amount of plastic waste we generated rose more in a single decade than it had in the previous 40 years.

”

Approximately 36 per cent of all plastics produced are used in packaging, including single-use plastic products for food and beverage containers, approximately 85 per cent of which ends up in landfills or as unregulated waste.

These single-use plastic products are everywhere. For many of us, they have become an integral part of our daily lives.



Polyethylene terephthalate (PET)

Water bottles, dispensing containers, biscuit trays



High-density polyethylene (HDPE)

Shampoo bottles, milk bottles, freezer bags, ice cream containers



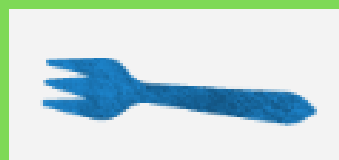
Low-density polyethylene (LDPE)

Bags, trays, containers, food packaging film



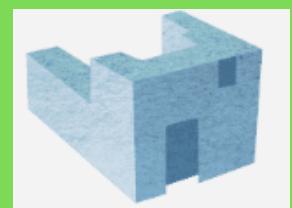
Polypropylene (PP)

Potato chip bags, microwave dishes, ice cream tubs, bottle caps, single-use face masks



Polystyrene (PS)

Cutlery, plates, cups



Expanded polystyrene (EPS)

Protective packaging, hot drink cups

“

Many plastic products are reaching the end of their lifecycle, forming non-biodegradable mountains of waste plastic.

”

WHY IS IT IMPORTANT TO RECYCLE PLASTIC?

Plastic is a popular and highly versatile material, and we use a lot of it. Re-using and recycling items as many times as possible can reduce our need to create new plastic.

- conserve non-renewable fossil fuels (oil)
- reduce the consumption of energy used in the production of new plastic
- reduce the amount of solid waste going to landfill
- reduce emission of gases like carbon dioxide into the atmosphere.

HOW IS PLASTIC RECYCLED?

- Sorted by polymer type
- Shredded
- Washed
- Melted
- Pelletised
- Made into new products

Choose plastic-free personal care products: Personal care products are a major source of microplastics, which get washed into the oceans straight from our bathrooms. Look for plastic-free face wash, day cream, makeup, deodorant, shampoo etc.

KEY HIGHLIGHTS OF THE EXHIBITION

- 350 + eminent speakers from across the world will participate in the conference with 800 + industries from PAN India overseas.
- Apart from Middle Industries and corporates, 400+ startups, unicorn and MSME's will be participating in the event along with 6000+ participants.
- 100 + interviews will be published by various TV channels, Magazines and Newspapers.
- It will deliberate & showcase the opportunities, growth, ecosystem, emerging trends.

WHO SHOULD ATTEND THE EXHIBITION



Plastic Recyclers



Government Bodies



End Users



Plastic Material Suppliers



Technology & Equipment Manufacturers



Raw Material Suppliers



Pre-Processors



Business Analysts



Plastics Manufacturers

WHY TO EXHIBIT ?

- **MEET NEW BUYERS**

Drive new business opportunities by meeting and engaging with new buyers, generate valuable leads and unlock millions of dollars worth of new business.

- **DEVELOP NEW BUSINESS OPPORTUNITIES**

Develop new business opportunities and form valuable partnerships with an international and targeted Plastic Recycling audience.

- **STAY AHEAD OF THE COMPETITION**

Stay ahead of the competition and increase brand awareness and visibility by showcasing your latest innovations

- **EXPAND MARKET REACH**

Exhibition will attract energy professionals from 164 countries and the Plastic Recycling will act as the ideal platform for companies to expand their business globally.

- **SHOWCASE INNOVATION**

Help shape the future of the Plastic Recycling industry by promoting your company's latest innovations and technologies to global stakeholders