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VOL XLIII

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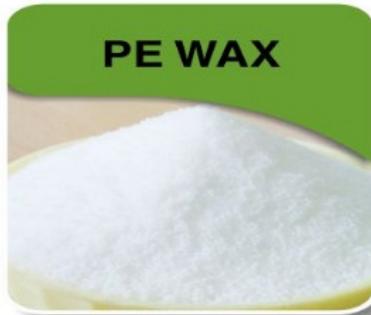
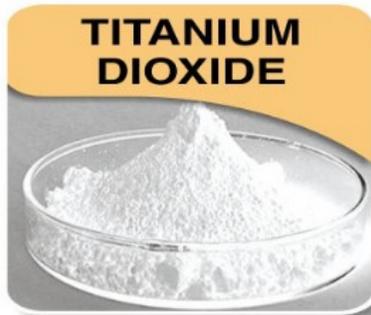
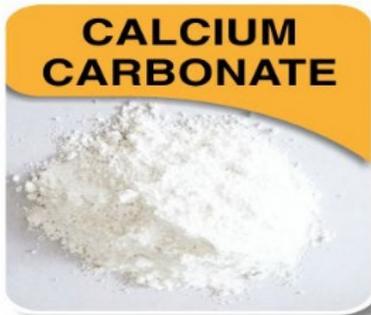
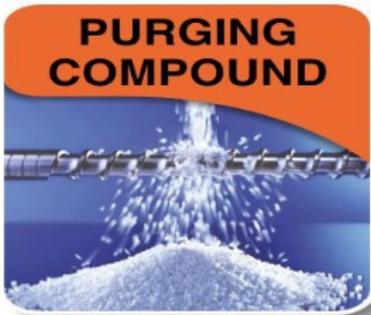
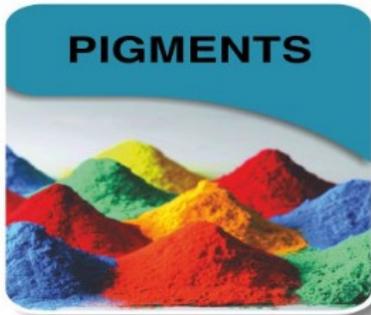
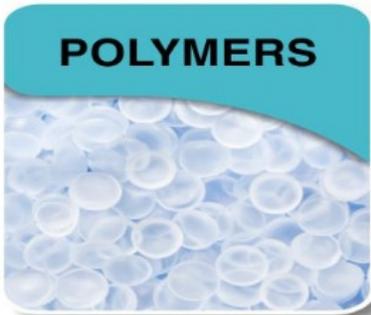
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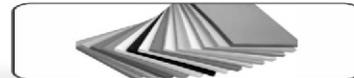
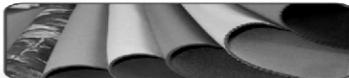
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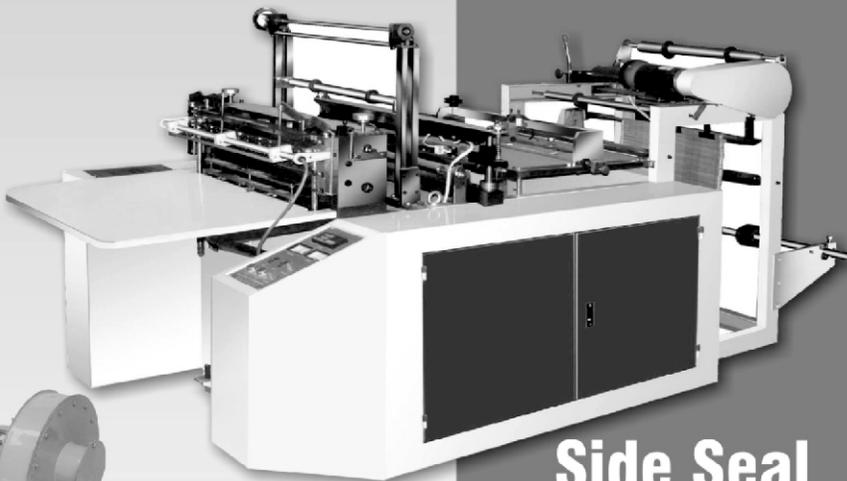
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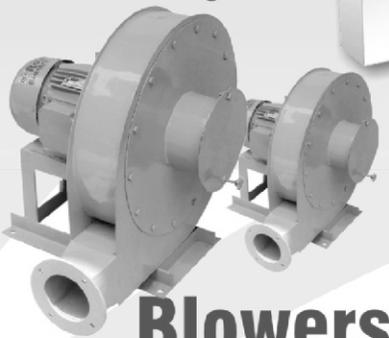
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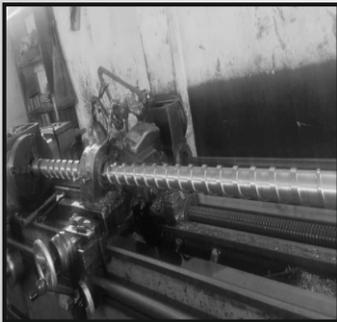
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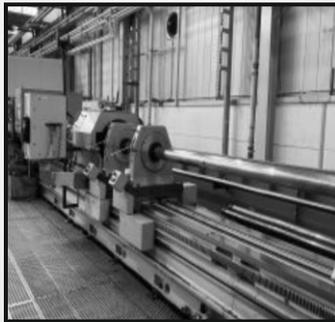
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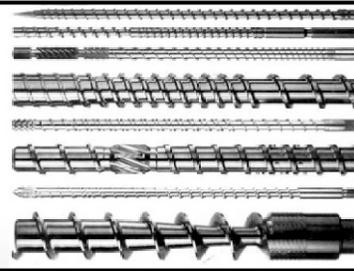
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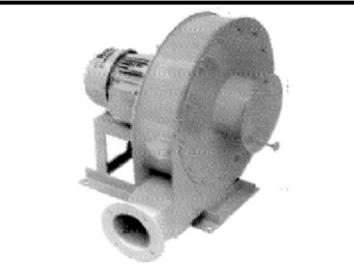
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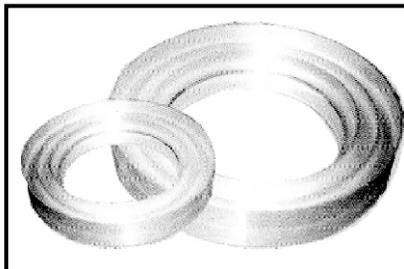
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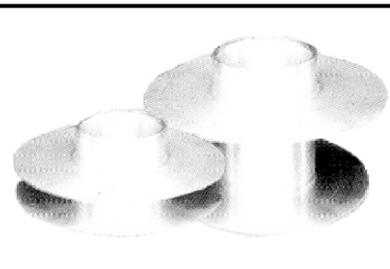
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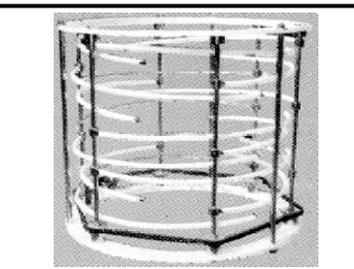
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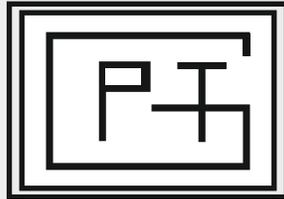
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Manufacturers & Exporters of : Industrial Heater, Heating Ovens, PLC Panel Board, AC Drive Panel Boards, Control Panel Boards, Thermocouples, Power Factor Panel Board, Distribution Panels etc.



C.R. ELECTRICALS

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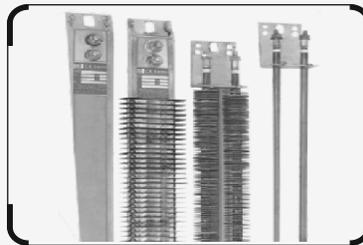
E-mail : crheaters@yahoo.co.in

Factory :

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DSIIDC, Bawana Indl. Area, Delhi-110 039

Tel : 011-49808037

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Manufactures & Exporters of : ● Heating Ovens ● Strip Heaters ● Coil Heaters ● Mica Band Heaters ● Nozzle Heaters
● Heat Proof Heaters ● The Insulation Plus ● Thermocouples ● Power Saving Heaters ● Industrial Tubular Heaters
● Heating Control Panels ● High Density Cartridge Heaters ● Ceramic Band Heaters ● Low Density ● Cartridge Heaters
● Cast Heater Aluminium/ Bronze ● Medium Density Cartridge Heaters ● Chemical Heater and all type of Control Panel Boards.

Plastic is not environment un-friendly

The Plast India Exhibition in Delhi is one of the largest plastic exhibitions in the world, just behind K Fair and ChinaPlas. One could not help but notice the word 'SUSTAINABILITY' in almost every hall and stall.

This made one feel: are plastic products, manufacturing, and usage environmentally unfriendly? Otherwise, why would one harp continuously on 'environment friendly' or sustainability?

Plastic raw material production involves 3 to 5% of total greenhouse gas emissions. This is why recycling and upcycling make so much sense, because then these GHG emissions of the production stage are avoided. If segregated properly and recycled well, plastic has many lives.

Moreover, plastics play a crucial role in saving food in multiple ways:

- Extended shelf life
- Protection from damage and contamination
- Cheaper logistics, because plastic products are comparatively lighter
- Convenience of packing, easier storage, and safe handling

Because of regular scientific advancements, alternative non-plastic packaging is also available, for example, biodegradable and compostable packaging. In fact, some edible packaging has also been introduced. These new products reduce our dependence on fossil fuels.

If we view the entire lifecycle of plastic, then as per a McKinsey report some time back, plastic has one of the lowest carbon footprints.

In spite of all the benefits, plastic as a raw material is always at the receiving end. It is often considered the bane of society and the biggest culprit for environmental damage. What needs to be done is a change in perception. It is a substitute for metals (many gears are now made of plastic) and wood. It should be used abundantly, but with the proviso that once its useful life is over—be it a carry bag, soap packaging, a pan masala pouch, or a paint bucket—it should be disposed of diligently or collected responsibly. Just like a cat has nine lives, plastic can also be recycled many times over.

**Important points discussed during the monthly meeting
held on 12th February, 26**

- 1. To confirm the minutes of the previous Executive Committee Meeting held on 6th January, 2026.**
The minutes of the Executive Committee Meeting held on 6th January, 2026 were placed before the Committee. The same were reviewed and **confirmed unanimously**.

- 2. To consider and approve applications for new membership.**
The Committee considered applications for new membership.

One new member was enrolled for lifetime, two for five-years & one annual memberships during Plast India-2026.

- 3. To approve the expenditure incurred during the month of January, 2026.**
The expenditure statement for the month of **January, 2026** was reviewed and **duly approved** by the Committee.

- 4. Discussion on industry-related matters**
This matter was postponed for the next meeting.

- 5. To review PLAST INDIA-2026**
Our association had a strong presence in this show with over 100 members as exhibitors.

- 6. Discussion on the AIPIA's conference/seminar/exhibition.**
The Association had invited **Shri Sanyal Desai**, Organizer of Non-Woven Exhibitions, to explore the possibility of jointly organizing an exhibition so that both events could be held simultaneously, thereby ensuring greater visitor footfall and mutual benefit for exhibitors and participants.

It was noted that Shri Sanyal Desai is planning to organize his exhibition in **Mumbai in December 2026**. In view of this, AIPIA is seriously considering organizing its exhibition in **Delhi next year**, and discussions in this regard are ongoing.

- 7. To review the status of *Plastic World Directory-2026*.**
A go ahead was given for printing the annual directory.

NEW KUNAL PLASTIC

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Delhi - 110039

Dealers in:

All Types of Plastic Raw Materials



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E-mail : newkunalplastic@gmail.com

Website : ppdanadelhi.com

Materials:

PP, HDPE, LDPE, PPCP & More

Plastic Waste Recycling in India: Complete Industry Guide

by Race Eco Chain

Plastic consumption in India has increased dramatically over the last two decades. **However**, waste management infrastructure has struggled to keep pace with this rapid growth. **As a result, plastic waste recycling in India** has become one of the most critical pillars of the country's sustainability movement.

Today, recycling is no longer just an environmental initiative. **Instead**, it is a regulatory requirement, a business opportunity, and a core element of the circular economy. **Consequently**, companies across industries are actively investing in recycling partnerships and compliance systems.

In this complete industry guide, we explain how plastic recycling works in India, the technologies involved, the regulatory framework, key challenges, and future opportunities by [Race Eco Chain](#)

Overview of Plastic Waste in India

India generates millions of tonnes of plastic waste every year. **While urban consumption continues to rise**, improper disposal remains a serious concern. **Because of this imbalance**, recycling infrastructure is expanding rapidly across the country.

Plastic waste typically comes from:

- FMCG packaging
- E-commerce shipments
- Food delivery containers
- Industrial packaging
- Agricultural plastics

Consequently, effective plastic waste recycling in India is essential to reduce landfill pressure and environmental pollution.

Types of Plastics Recycled in India

Not all plastics are recycled equally. **Therefore**, understanding plastic categories is essential for businesses.

The most commonly recycled plastics include: PET

Used in beverage bottles and packaging. **As a result**, it has one of the highest recycling rates.

HDPE : Used in detergent bottles and containers. **Moreover**, it is highly durable and easy to recycle.

LDPE: Found in plastic bags and wraps. **However**, collection remains challenging.

PP: Common in food containers. **Therefore**, demand for recycled PP is increasing.

Multi-Layer Plastic (MLP): Used in snack packaging. **Although recycling is complex**, technology is improving rapidly.

Step-by-Step Plastic Waste Recycling Process in India

The process of **plastic waste recycling in India** follows several critical stages. **Each stage, therefore**, plays a major role in material recovery.

1. Collection and Aggregation

The first stage involves collecting plastic waste from households and businesses. **Traditionally**, the informal sector handled most collection. **However**, organized systems are now expanding quickly.

Collection happens through:

- Municipal systems
- Informal waste pickers

-
-
- Scrap dealers
 - Brand-driven EPR programs

As a result, collection efficiency is steadily improving.

2. Segregation and Sorting

After collection, waste is transported to Material Recovery Facilities. **Here**, plastics are sorted by type and color. **Because accurate sorting improves efficiency**, modern plants increasingly use automation.

Consequently, the quality of recycled material improves significantly.

3. Cleaning and Washing

Sorted plastics must be cleaned before processing. **Otherwise**, contamination reduces material quality.

Industrial washing includes:

- Pre-wash tanks
- Friction washers
- Float-sink separation

Therefore, washing is one of the most critical steps.

4. Shredding and Size Reduction

After washing, plastics are shredded into flakes. **This step, in turn**, prepares material for melting.

As a result, processing becomes faster and more energy efficient.

5. Melting and Extrusion

Shredded plastic is melted and converted into pellets. **These pellets, consequently**, become raw material for new products.

Recycled pellets are used in:

- Packaging
- Textiles
- Automotive parts
- Construction materials

Thus, the circular economy loop is completed.

Regulatory Framework in India

Regulation plays a central role. **Therefore**, understanding the legal framework is essential.

Plastic Waste Management Rules

India introduced strict Plastic Waste Management Rules. **Under these rules**, producers must ensure proper recycling.

These rules mandate:

- Extended Producer Responsibility
- Recycling targets
- Mandatory registrations

Consequently, companies must now track plastic usage and recycling.

Extended Producer Responsibility (EPR)

EPR makes producers responsible for recycling plastic packaging. **As a result**, demand for recycling partners has increased significantly.

Recyclers provide:

- EPR certificates

-
- Plastic credits
 - Verified documentation

Therefore, recycling has become directly linked to corporate compliance.

Role of the Informal Sector

India's recycling ecosystem is unique. **Unlike many countries**, informal workers play a large role.

Waste pickers:

- Collect recyclable plastic
- Supply recyclers
- Bridge collection gaps

However, formalization efforts are increasing to improve safety and traceability.

Technologies Used in Plastic Recycling

Technology adoption is accelerating. **Consequently**, recycling efficiency is improving.

Mechanical Recycling- Most common method. **It involves** shredding and remelting plastic.

Chemical Recycling - Breaks plastic into chemical components. **Although emerging**, it has strong potential.

Pyrolysis- Converts plastic into fuel. **Therefore**, it helps manage difficult waste streams.

Challenges in Plastic Waste Recycling

Despite progress, challenges remain. **However**, solutions are evolving rapidly.

Mixed Waste Streams

Poor segregation reduces efficiency.

Multi-Layer Plastic

Difficult to recycle. **Nevertheless**, technology is improving.

Infrastructure Gaps

Rural collection is limited.

Compliance Burden

Documentation requirements are increasing.

Even so, investment and regulations are driving improvements.

Economic Impact of Recycling

Recycling creates economic value. **In addition**, it reduces reliance on virgin polymers.

The industry:

- Creates jobs
- Supports MSMEs
- Attracts ESG investment

Therefore, the sector is expected to grow rapidly.

Future of Plastic Waste Recycling in India

The future is promising. **As enforcement strengthens**, demand for recycling will rise.

Moreover, brands are increasing recycled content in packaging. **Consequently**, recycling capacity will expand nationwide.

Looking ahead, the industry will become more technology-driven and organized.

Conclusion

Plastic waste is a growing challenge. **However**, regulations and innovation are transforming the industry.

Plastic waste recycling in India is now compliance-driven and sustainability-focused. **Ultimately**, understanding the process and regulations helps businesses make informed decisions.

US Plastics Industry Faces Tariff Challenges Amid Economic Growth

According to Plastics Industry Association Chief Economist Perc Pineda, PhD, the US economy showed resilience in 2025, expanding 2.2% despite evolving tariff policies, and uneven manufacturing trends.

By: David Hutton

The US plastics industry is navigating a complex economic landscape shaped by steady growth, evolving tariff policies, and uneven manufacturing investment trends. According to a new economic analysis by Perc Pineda, PhD, chief economist of the Plastics Industry Association (PLASTICS), the US economy expanded at a 2.2% annual rate in 2025, demonstrating resilience despite uncertainties tied to higher tariffs.

“For the full year, growth is estimated at 2.2%. Although growth moderated, it remained resilient, suggesting the economy largely withstood the uncertainties associated with higher tariffs,” Pineda wrote in his analysis.

Household spending trends

The latest data from the Bureau of Economic Analysis (BEA) highlights robust household spending, with personal consumption expenditures (PCE) rising 2.4% in the fourth quarter of 2025. This growth was driven by a 3.4% increase in services spending, while nondurable goods consumption extended its expansion to seven consecutive quarters, albeit with marginal growth of 0.4%.

“Nondurable goods consumption extended its expansion to seven consecutive quarters, though growth in the fourth quarter of 2025 was marginal at 0.4%,” Pineda noted.

However, durable goods consumption declined by 0.9%, marking its second quarterly drop in 2025. Pineda cautioned that this trend could impact plastics demand in long-lifecycle products.

“Should this pattern persist, plastics demand in nondurable applications — such as packaging — would likely remain stable, while continued softness in durable goods could pose risks for plastics used in longer-lifecycle products,” he added.

Business investment and tariff impacts

Business investment spending showed positive momentum, with private-sector nonresidential fixed investment rising 3.7% in the fourth quarter of 2025. Gains were driven by equipment and intellectual property investments, which increased by 3.2% and 7.4%, respectively. However, investment in industrial equipment pulled back 4.8% from the previous quarter, reflecting uneven growth trends.

“After five consecutive quarters of growth, investment in the fourth quarter of 2025 pulled back 4.8% from the previous quarter,” Pineda explained.

Tariff policies have also played a significant role in shaping industrial equipment trade. Following the US Supreme Court’s February 2026 ruling that the International Emergency Economic Powers Act of 1977 (IEEPA) does not authorize the President to impose broad tariffs unilaterally, President Trump enacted a temporary 10% ad valorem import duty under Section 122 of the Trade Act of 1974.

This measure, effective for 150 days, exempts goods compliant with the USMCA from Canada and Mexico, as well as products already subject to Section 232 tariffs. While rumors of a 15% tariff announcement circulated, only the 10% duty has been officially confirmed.

US Customs and Border Protection estimates that \$142B was collected from tariffs enacted under IEEPA authority in 2025. The Court left open the possibility for importers to seek refunds on any IEEPA tariffs they may have paid.

Uneven trade and manufacturing trends

Despite higher tariffs, US imports of industrial machinery grew at a compounded annual rate of 3.7% from 2018 to 2024, reaching \$38.8B in 2024. Pineda noted that tariffs did not prevent imports but had uneven impacts depending on the country of origin.

“Among these 10 countries, the Netherlands recorded the largest increase in exports of industrial machinery to the US, at 76.5%, while Austria experienced the largest decrease, at 33.9%,” he added.

Higher tariffs have also influenced business investment decisions, with distributors of imported industrial equipment likely experiencing margin compression on purchase orders.

“Taking that a step further, businesses with 12-month blanket purchase agreements include contracted prices in those agreements,” Pineda concluded. “As such, there is a lag in the inflation impact of tariffs on downstream prices until buyer-seller prices adjust accordingly; this is not instantaneous because most business purchases are covered by contracts.”

NAM calls for trade policy stability

The Supreme Court’s recent decision on tariffs has prompted a call for clarity and stability in US trade policy from manufacturing leaders. Jay Timmons, president and CEO of the National Association of Manufacturers (NAM), and Blake Moret, chairman and CEO of Rockwell Automation and NAM board chair, emphasized the critical need for durable trade policies to support the manufacturing sector in a joint statement.

The leaders highlighted the challenges posed by ongoing legal and policy uncertainty, which they say hinder manufacturers’ ability to make long-term investments, expand operations, and create jobs.

“Manufacturers rely on stability to plan investments, grow operations, and create jobs,” they stated. “Ongoing legal and policy uncertainty makes it more difficult to make the long-term decisions that drive American competitiveness.”

Timmons and Moret urged policymakers to collaborate on establishing a clear and consistent framework for trade that strengthens domestic manufacturing, secures supply chains for critical inputs, and empowers the administration to negotiate robust trade agreements. They stressed the importance of ensuring manufacturers have access to essential materials and components to grow and compete both domestically and globally.

“If tariffs are utilized as a tool, they should be targeted to countries engaged in specific unfair trade practices, particularly by nonmarket economies,” they added.

The statement also underscored the shared vision of advancing American manufacturing to unprecedented heights.

“We share the president’s goal of ushering in the greatest manufacturing era in American history, and clear, durable trade policies will help manufacturers deliver on that promise,” they said.

Strengthening supply chain resilience, they noted, is key to enabling manufacturers to expand production, compete globally, and drive economic growth within the United States.

NAM pledged to continue working with Congress and the administration to develop sustainable solutions that bolster the manufacturing sector, enhance America’s industrial base, and benefit millions of Americans who rely on a strong manufacturing economy.

Conclusion

As the US economy continues to expand, the plastics industry faces challenges from evolving tariff policies and uneven manufacturing trends. While nondurable goods consumption remains stable, the decline in durable goods consumption and higher costs associated with tariffs could pose risks for long-lifecycle plastics applications.

How climate change is reshaping the global plastic pollution crisis

Plastic pollution is often framed as a waste management problem: too much plastic, used too briefly and discarded too carelessly. However, research shows that this framing misses a critical dimension: climate change is actively reshaping how plastics behave in the environment, making them more mobile, persistent and harmful across ecosystems.

Our recent synthesis of global evidence, published in *Frontiers in Science*, brings these two planet-wide crises together by examining the influence of climate-driven changes in temperature, weather events and Earth system processes on plastic pollution.

The result is a growing body of evidence indicating that plastic pollution is a dynamic, climate-sensitive stressor moving through land, water, air and ice.

Why climate and plastics are deeply connected global crises

Plastic pollution and climate change share common roots in fossil fuel-based systems. Most plastics are produced from oil and gas, and greenhouse gases are emitted throughout their life cycle – from extraction and manufacturing to transport and disposal.

As global plastic production has increased dramatically since the mid-20th century, so too have the life cycle emissions of plastics.

The relationship also runs in the other direction – climate change is altering the environmental conditions that shape how plastics behave once they enter the environment. Warmer temperatures, stronger sunlight, shifting wind patterns and more frequent extreme events alter the rate at which plastics break down, disperse, and interact with living systems.

What emerges is a reinforcing feedback loop: plastics contribute to climate change, and climate change transforms plastics into more pervasive and harder-to-manage pollutants.

Climate change makes plastic a farther-reaching pollutant

Under warmer and more variable climatic conditions, plastics fragment more rapidly and travel more extensively through the environment. Heat, ultraviolet radiation and humidity speed up their chemical and physical breakdown into micro- and nanoplastics.

Floods, storms, wildfires and erosion from rising seas can remobilize plastic waste that was once relatively contained, transporting it from temporary sinks in landfills, riverbeds and soils into freshwater systems and coastal zones, as well as into the atmosphere, where wind patterns can transport plastic particles across continents.

A particularly striking example involves sea ice, long assumed to isolate plastic pollution. As ice forms, it traps and concentrates microplastics, temporarily removing them from surface waters. Warming-driven ice loss could reverse this process, releasing stored microplastics back into the ocean.

Climate change also affects how plastics interact chemically with their surroundings. Higher temperatures can increase the release of additives such as plasticizers and flame retardants, while plastics themselves can act as carriers for contaminants including metals and persistent organic chemicals. Warming conditions may enhance the transfer of these substances into food webs, compounding ecological and health risks.

From soils to seas: impacts across ecosystems

The combined pressures of climate change and plastic pollution are now being documented across a wide range of ecosystems.

On land, microplastics in agricultural soils have been shown to interact with heat stress and elevated carbon dioxide in ways that may reduce crop yields and disrupt soil microbial communities responsible for nutrient cycling. Sources include litter, wastewater, plastic mulch films and tyre abrasion.

In freshwater systems, zooplankton such as water fleas experience reduced survival or reproduction when exposed to both warmer water and microplastics. These organisms form the base of the food web, so any harm to them can ripple up to larger animals. For fish, elevated temperatures can increase plastic ingestion rates and intensify toxic effects.

Marine ecosystems reveal especially complex interactions. Filter-feeding organisms, such as mussels, which efficiently concentrate particles from water, can experience digestive and immune problems when exposed to microplastics in low-oxygen or acidic seawater. Even slight ocean warming can increase microplastic ingestion rates and increase their harmful effects on fish.

Evidence increasingly suggests that larger, longer-lived animals higher in the food web, such as orcas, may face disproportionate risks. These species accumulate plastics over time and are already vulnerable to multiple climate-related pressures. As a result, they may serve as early indicators of the combined impacts of climate change and plastic pollution on ecosystem stability.

Implications for global policy and coordinated action on climate and plastics

These findings challenge approaches that treat plastic pollution and climate change as separate policy domains. If climate conditions influence how plastics spread, persist and cause harm, then mitigation strategies focused solely on cleanup or end-of-life management are unlikely to keep pace as warming accelerates plastic breakdown, dispersal and toxicity.

For global initiatives concerned with planetary boundaries, biodiversity loss, food security and human health, this integrated perspective is increasingly relevant. It points to the need for shared metrics, harmonized monitoring and decision-making frameworks that reflect interactions across systems rather than isolated stressors.

The evidence also clarifies where action is likely to be most effective. Research into biological and technological cleanup approaches continues, but these methods are unlikely to substitute for prevention.

Reducing the amount of plastic entering the environment – by cutting unnecessary single-use plastics, redesigning products for reuse and improving recycling systems so they function at scale – remains the most reliable way to limit long-term harm.

At the same time, global standards for materials, additives and waste management would make plastic flows easier to track and compare, reducing data blind spots and limiting the unintentional “offshoring” of environmental impacts.

Taken together, these priorities align with broader efforts to move towards a circular plastics economy that minimizes waste, keeps materials in use longer and reduces emissions across the plastic life cycle.

Viewed through this lens, plastic pollution is not simply a waste problem, nor climate change a separate backdrop. We face a systems-level challenge that calls for coordinated approaches across climate action, materials design and environmental governance.

Addressing these interconnected risks requires aligning plastic policy with climate action – not as parallel efforts, but as mutually reinforcing ones.

(This article is part of: Centre for Nature and Climate published in World Economic Forum on Feb 11, 2026)

Commentary: A turning point for flexible plastics recycling

Flexible plastic recycling is no longer just a technical challenge. It has become a business imperative for brands, retailers and their suppliers.

**-By Pranav Goenka, Senior Advisor and Co-Chair, Recycling Solutions,
Alliance to End Plastic Waste**

Plastic film, wraps, pouches and labels are everywhere. Whether used to keep food fresh, medicines safe or goods protected during shipping, flexible plastic packaging has become an indispensable part of life, quietly supporting the modern conveniences we rely on every day. It now comprises more than 50 percent of the total plastic packaging market.

But what happens after we're done with flexible plastic is a wasted opportunity—tossed in the trash, destined for landfills or incineration. These materials present one of the toughest challenges for recycling and circularity. The highly varied, multimaterial composition and lightweight nature of flexible plastic make it difficult and costly to recycle. Even when it is recycled, the resulting material struggles to compete on cost with cheaper virgin resin.

We are now at a crossroads where the convenience of flexible plastic is colliding with the rising cost of its environmental impact. The regulatory landscape is shifting fast. States are debating whether to exclude flexible films and packaging from curbside recycling under extended producer responsibility (EPR) laws, which would increase costs for producers.

One thing is clear: Coordinated, collaborative action is the only way to solve this problem. And while the problem is global, this is an area where the United States is primed to lead on innovative solutions, galvanized by leading brands, technologies and robust public-private partnerships with state and local governments.

Momentum on strategic alliances

Flexible plastic recycling is no longer just a technical challenge. It has become a business imperative for brands, retailers and their suppliers.

This reality is driving much-needed cooperation. Just look at the recent launch of the **US Flexible Film Initiative (USFFI)**, which is bringing together leading consumer brands to tackle the flexibles challenge head-on.

We need more strategic alliances like this—especially ones that include each step in the value chain. If we can bring these players together, we have an extraordinary opportunity for coordinated systems change.

Flexible plastics recycling depends on a tightly interwoven ecosystem. Every link in this chain depends on the ones before and after it. When one link strengthens, the whole system benefits. But when one lags, the entire effort stalls:

- **Waste management companies and municipalities** determine curbside collection and logistics. They might be willing to invest in more segregated collection and advanced sorting—but only if downstream demand and processing capacity are in place.
- **Material recovery facilities (MRFs)** sort materials from incoming waste streams. They are critical gatekeepers but often lack the incentives or capacity to handle flexibles efficiently. They might be more likely to invest in sorting infrastructure or have dedicated large-scale secondary sorting centers (plastic recovery facilities, or PRFs), but only if demand from recyclers and end markets is strong and reliable.

-
- **Recyclers** typically handle a more granular level of sorting needed for mechanical and chemical recycling of flexible plastics. However, the technology to sort flexibles is expensive, which limits its adoption by recyclers. Recyclers are more likely to scale their capacity if they have consistent, high-quality feedstocks and proven end markets. Investment in dedicated PRFs can unlock more efficient and reliable feedstock supply, enabling recyclers to scale with confidence.
 - **Brands and converters** set the bar for recycled content and design for recyclability. They are more likely to incorporate recycled plastics when supply is reliable, costs are competitive and material performance meets application requirements. And they are more likely to adopt design-for-recyclability guidelines if the infrastructure exists to support recycling of improved packaging formats.
 - **Investors** are more confident deploying capital at scale when supported by clear policy signals, viable business models and coordinated value chain efforts.

A blueprint for systems change

In the Alliance to End Plastic Waste’s most recent “**Insights Report**,” we detail our experience with flexible plastics recycling and propose a three-phased approach to drive coordinated action:

- 1. Map the market and align stakeholders.** It begins with market mapping and system design, where governments and trade bodies like the Alliance take the lead in exploring where market demand for recycled flexibles exists and what quality is needed, as well as the technology and infrastructure best suited to meet that need. This process helps align stakeholders by creating a detailed understanding of holistic, long-term solutions and the required enablers and investments.
- 2. Showcase system solutions.** Action beats theory every time. Demonstration projects connected across the value chain will highlight the different technical, economic and social requirements for broader scale systems change and build industry and investor confidence in solutions before they are expanded geographically.
- 3. Mobilize the value chain around solutions.** The third phase mobilizes brands, recyclers, municipalities and policymakers to understand what it takes to create and expand effective system solutions and replicate them across geographies—driving rapid, real and lasting change.

Mobilizing the U.S.

The cost of inaction is not abstract: It’s visible in the strain on our waste systems, the loss of valuable materials and the erosion of public trust in recycling. Left unchecked, these issues will force harsher regulatory responses, increase costs for producers and consumers and undercut the credibility of industries that rely on flexible packaging.

But the opportunity is just as real and far more inspiring. If we get this right, we unlock a new era of circularity for plastics. We prove that innovation and collaboration can turn a stubborn problem into a shared solution. By building a functioning system for flexible plastics recycling, the U.S. can demonstrate its global leadership, creating new markets, new jobs and new standards for responsible production and consumption. We’ll keep valuable resources in use and out of the environment, demonstrating that economic growth and environmental stewardship can go hand in hand.

The Alliance to End Plastic Waste is committed to being part of the solution: convening partners, sharing insights and showcasing what works. And we need others to join us—brands willing to lead, recyclers ready to innovate, policymakers who enable investment and investors who back the future of circularity.

Progress is possible. The technologies exist. The momentum is building. This is a pivotal moment for flexible plastics recycling, and we want to be part of shaping what’s next.

News Concerning Plastics

Plastic bottle makers' ₹ 10,000 cr recycling bet runs into policy risk

India's plastic bottles industry faces a ₹ 10,000 crore quandary: investments in a costlier, recyclable, food-grade material risk turning dud as regulatory uncertainty has slowed adoption by beverage makers.

India drafted rules in February 2022 to make it mandatory for beverage-grade bottles to contain at least 30% recycled polyethylene terephthalate (r-PET). It's a kind of material that can be fully recycled. The new Plastic Waste Management Rules were scheduled to roll out from 1 April last year, and the industry was given three years to prepare for the transition.

In anticipation of the enforcement, bottle makers invested in setting up r-PET capacity. However, the environment ministry's draft notification in June 2025 proposed relaxing the norms, allowing beverage companies to carry forward any shortfall in meeting recycled plastic usage targets in 2025-26 for up to 3 years, starting 2026-27.

More than eight months later, the ministry has yet to release the final notification, causing uncertainty. The prolixion vision has stifled the immediate demand for r-PET and impacted capacity utilization, said industry representatives.

Key consumers of PET bottles include beverage makers such as PepsiCo India, Bisleri International, and Coca-Cola. India's PET consumption is estimated at around 1.2–1.4 million tonnes a year. Excluding the 200,000–250,000 tonnes consumed by pharma, sheets, and straps sectors, the total available market for r-PET is 950,000–1.2 million tonnes a annum, said Yash Sharma, director, Ganesha Ecosphere, a PET bottle recycler.

The Food Safety and Standards Authority of India has approved a capacity of 350,000 tonnes of r-PET, about 30% of the PET demand.

“This capacity is already available in the market. Capacity is not a constraint at all to fulfil the obligation to use 30% r-PET,” said Sharma. “Given the relaxation, the actual utilization at present is 100,000 tonnes per annum, which is far below the industry capacity. This is killing the players.”

Goutham Jain, director-general at association of PET Recyclers-Bharat, said the foodgrade r-PET sector invested more than ₹ 10,000 crore in setting up advanced recycling facilities equipped with globally accredited technologies.

“The changes in policy decisions have paralyzed the entire r-PET ecosystem with industry players unable to make their interest obligations and financial commitments,” Jain said. Plastic bottle makers' ₹ 10,000 cr recycling bet runs into policy risk Mint Delhi · 24 Feb 2026 · Vijay C. Roy & Rituraj Baruah NEW DELHI vijay.roy@livemint.com For an extended version of this story, go to livemint.com. “Their expansion plans to match the growing mandate requirement in the near future have been stalled, and investor confidence has been significantly eroded.”

The recycled variant of PET is 12–15% costlier than conventional PET, making the latter more attractive, according to an executive in a bottling company, who spoke on condition of anonymity to speak candidly. Queries mailed to the ministry of environment, forest and climate change, PepsiCo India, Bisleri, Coca-Cola, Varun Beverages and the Indian Beverage Association went unanswered.

(The Mint: 24th February, 2026)

The Rise of Plastic Recycling Plants in India and Their Role in the Circular Economy

Plastic waste has become one of the most pressing environmental challenges of our time. Globally, the world generated 353 million tonnes of plastic waste in 2019 – more than double the amount in 2000. Yet only 9% was recycled, while nearly 50% ended up in landfills and 22% was discarded in the environment. If current trends continue, another 33 billion tonnes of plastic could accumulate on Earth by 2050.

With India generating millions of tonnes of plastic waste each year, the need for efficient recycling systems has never been greater. This urgency has fuelled the rapid growth of **plastic recycling plants in India**, playing a pivotal role in supporting the nation's transition towards a **circular economy**.

The Rise of Plastic Recycling in India

India generates about **9.5 million tonnes** of plastic waste annually, making it one of the largest producers in the world, after the USA and the EU. The country's **plastic recycling industry** processed **9.71 million tonnes** in FY 2024, up **11.6% year-on-year**, and is projected to grow at a CAGR of 11–12%, reaching **18–19 million tonnes** by 2030.

The bulk of India's plastic waste comes from **polypropylene (PP)**, **polyethylene (PE)**, and **polyvinyl chloride (PVC)**, with packaging accounting for the largest share. As per the **National Circular Economy Roadmap for Reducing Plastic Waste**, recycled plastic in India could reach **35.2 million tonnes** by 2035.

What's Driving the Rise of Plastic Recycling Plants in India?

Several key factors are accelerating the growth of **recycling plants in India**:

- **Environmental awareness:** Growing concern over the impact of plastic waste, especially on marine ecosystems, has made recycling a social and business priority.
- **Government regulations:** Initiatives like the **Plastic Waste Management Rules 2016**, bans on single-use plastics, **Extended Producer Responsibility (EPR)** schemes, and programs under the **Swachh Bharat Mission** are creating a supportive regulatory framework.
- **Technological innovation:** Advances in **mechanical** and **chemical recycling** are enabling plants to produce higher-quality recycled materials that rival virgin plastics. Chemical recycling, in particular, can process plastics that were previously unrecyclable.

These developments are making **plastic recycling plants** more efficient, cost-effective, and capable of meeting the growing demand from industries.

Understanding the Circular Economy and Its Connection to Plastic Recycling

A circular economy focuses on keeping materials in use for as long as possible through reuse, repair, refurbishment, and recycling. By collecting, sorting, and reprocessing used plastic, **plastic recycling plants** turn discarded packaging, consumer goods, and industrial materials into high-quality raw materials for manufacturing.

LALA PLASTICO



Reprocessed Granules of

BC-323, Mangolpuri Industrial Area, Phase-II,
Delhi-110034 Ph : Off. : 27010119
R.P. Jain : 9810021951, 9212254130
Yash Jain : 9810933750
E-mail : rp68jain@gmail.com

* HDPE-Natural/Milky/Coloured * PP-Natural-
Milky-Coloured Article Raffia * PPR & FIELD
PP * LDPE/LLDPE/LD (Agro)

Instead of discarding plastic after a single use, the goal is to reprocess it into new, valuable products, reducing dependency on virgin resources and lowering environmental impact.

Contribution to the Scrap Business in India

Plastic recycling is an integral part of the larger **scrap business in India**. While metals and paper have long been part of the recycling chain, plastic has emerged as a major player. **Scrap recycling companies in India** are diversifying their operations to include plastics, catering to industries that require recycled polymers for manufacturing packaging, textiles, automotive parts, and more.

The Role of Local and Regional Recycling Plants

Regional accessibility is key to efficient recycling. Small and large-scale **recycling plants in India**, including those categorized under **plastic recycling companies** enable quicker collection, sorting, and processing. This localized approach reduces transportation costs and carbon emissions while ensuring a steady supply of recycled material to manufacturers.

A prominent name in India's recycling ecosystem, the Jain Resource Recycling Ltd has been actively contributing to responsible waste management through innovative recycling solutions. While traditionally known for its metal recycling expertise, the Group's vision aligns strongly with the growth of **plastic recycling plants** in India. By integrating sustainable practices into their operations, they are helping pave the way for a more resource-efficient and eco-conscious future, one where recycling is not just a business, but a commitment to the planet.

(Source: Jainmetalgroup; 20th February, 2026)

NGT examines plastic pollution from bottle caps, seeks responses from authorities

The National Green Tribunal (NGT) has taken cognizance of environmental concerns arising from plastic bottle caps used in packaged drinking water and beverage bottles. The matter was heard by a bench headed by Justice Prakash Shrivastava (Chairperson) and Expert Member Dr Afroz Ahmad.

The application, filed by Aakash Ranison, highlights that while plastic bottles are commonly collected and recycled, their detachable plastic caps often remain uncollected, contributing significantly to environmental pollution.

According to the applicant, these caps frequently escape waste collection systems due to their small size and separation from bottles.

Counsel for the applicant informed the NGT that several countries have adopted the use of "tethered caps," in which the plastic cap remains attached to the bottle. This design ensures that caps are collected and recycled along with bottles, thereby reducing plastic litter and environmental damage.

Taking note of the issue, the NGT issued notices to the respondents, including the Central Pollution Control Board and other concerned authorities, directing them to file their responses by affidavit before the next hearing. The applicant has been directed to serve copies of the application to the respondents and file an affidavit of service at least one week prior to the next hearing date.

The Tribunal also observed that broader issues relating to plastic waste collection and the regulation of the Extended Producer Responsibility (EPR) regime are already under consideration in other pending matters. In view of the overlapping environmental concerns, the present case will be listed along with those matters on February 26. (ANI)

(Source: ANI News; 24th February, 2026)

UK approves use of recycled plastic in food packaging

The decision aims to help UK recyclers continue exporting recycled plastics for food contact while maintaining strict safety standards.

The UK's Food Standards Agency (FSA) says it will act as the competent authority for recycled plastics used in food packaging, a role that supports ongoing trade and regulatory compliance with European Union (EU) rules.

The move is intended to help UK plastic recyclers maintain access to EU markets and comply with food contact safety standards.

It also aligns with broader efforts to increase recycling and sustainable packaging use while protecting consumer health.

Regulator assigned to oversee recycled plastics trade

The UK government recently confirmed that the FSA will take on responsibility for implementing and enforcing EU legislation on recycled plastic materials intended for food packaging.

Under these arrangements, the FSA will inspect and audit UK plastic recycling facilities to support their ability to supply recycled plastics for food packaging into the EU market.

The FSA already regulates food contact materials including plastics and is responsible for ensuring that materials used in direct contact with food meet safety requirements under retained EU law and UK frameworks.

Acting as the competent authority means applying consistent audit procedures across recycling operations in Great Britain. The first such audits have been completed.

Industry stakeholders have noted that compliance with recycled plastics standards is complex. Recycled plastics used in food packaging must meet strict food safety regulations to avoid contamination and harmful chemical migration into food.

In the EU context, plastics must comply with rules including Regulation (EU) 10/2011 and updated recycled materials provisions.

Implications for UK plastic recyclers and food packaging supply

By acting as the competent authority, the FSA aims to strengthen trade in recycled plastics and support economic growth in the UK recycling industry.

The role covers inspecting facilities and ensuring that UK producers can continue to export recycled plastics for food packaging into EU markets amid evolving regulatory frameworks.

Recycled plastics for food contact must meet stringent safety and compliance standards. For instance, plastic food contact materials are designed so they do not transfer harmful substances into food, a key requirement under EU and UK food contact material legislation.

Some industry voices have also highlighted ongoing regulatory complexities, such as differences between UK and EU approaches to authorising recycled plastics processes.

The EU's Commission Regulation (EU) 2022/1616 updates recycled plastic rules, while Great Britain continues to align with retained regulations and consider future changes.

Trends and safety context in recycled plastics regulation

The announcement comes amid broader discussions on sustainable packaging and recycled plastics. Globally, there is increasing pressure on food producers and packaging manufacturers to reduce single-use plastics and increase recycled content in food packaging.

However, safety concerns remain central, especially regarding the potential for contamination during recycling processes.

Guidance from food safety bodies has also addressed specific recycled plastic sources. For example, regulators have advised against using ocean-bound plastics in food contact applications due to insufficient evidence on their safety, although such plastics may be suitable for non-food uses.

In this regulatory environment, the FSA's new role seeks to balance sustainability goals with consumer protection. UK recyclers may benefit from clearer oversight and audit mechanisms as they adapt to both UK and EU recycled plastics rules for food packaging.

(By: Mohamed Dabo (Packaging Gateway-12-02-2026))

USPP outlines ways to advance film and flexible packaging circularity

U.S. Plastics Pact says its new paper draws on full value chain expertise to identify priority actions across design, collection and end markets.

The U.S. Plastics Pact (USPP) has released “**Journey to Film & Flex Circularity: A Framework of Necessary Design, Collection, and End Market Levers**,” a paper outlining what it says are practical, system-level actions needed to advance the circularity of film and flexible plastic packaging in the United States.

According to USPP, film and flexible packaging play an essential role in protecting products, extending shelf life and delivering goods to consumers in a cost-effective way. At the same time, the organization says the lightweight nature and complex multimaterial designs common to many film packages create collection, sorting and recycling challenges at scale.

USPP says its new framework tackles those issues and offers a pragmatic, actionable path forward grounded in current infrastructure, economics and market conditions.

“Film and flexible packaging are critical to how products move through our economy, and that means solving for their circularity is both necessary and complex,” **USPP** Interim Executive Director Crystal Bayliss says. “This framework reflects the real work happening across the system today and provides a clear, shared path forward.”

While the paper primarily focuses on improving the recycling outcomes for film, USPP says it is clear in its framing: efforts to reduce packaging and scale reuse should be prioritized first, consistent with the waste hierarchy. Where recycling is pursued, the paper emphasizes that progress depends on addressing the full system—not just one part of it.

A central finding described in the paper is that end market development is the most critical lever for change, and collecting more material without strong, reliable demand for recycled film risks shifting material without delivering real circular outcomes.

The paper also reinforces that there is no single, universal solution for film collection. Instead, it claims successful strategies will vary based on community size, infrastructure, policy context and local market dynamics. The paper points out the need for multiple collection approaches alongside continued circular redesign, and includes specific calls to action for packaging manufacturers, packaging users and policymakers.

Together, USPP says these actions are intended to help galvanize the innovation, investment and policy alignment needed to move film and flexible packaging toward circularity.

“This workstream brought together an extraordinary range of expertise from municipalities and MRF [material recovery facility] operators to brands, film suppliers and recyclers,” Bayliss says. “By pairing that on-the-ground experience with insights from outside collection experts, we were able to clearly identify where the

gaps are, and which solutions are most likely to work in specific settings. The result is a practical framework rooted in real-world conditions.”

Keya Peterson, vice president of strategy and sustainability at global packaging producer **Amcor PLC**, says, “As a global packaging leader, we’re committed to providing more sustainable flexible packaging solutions that help advance circularity and keep packaging waste out of the environment. The USPP’s framework provides clear guidance that can help producers and users of flexible packaging further that goal.”

Peter Adrian, recycling coordinator at the Solid Waste Agency of Lake County (**SWALCO**), Illinois, says plastic film presents real challenges for existing curbside collection and sorting systems, and those challenges can’t be ignored.

“What’s valuable about this framework is that it acknowledges those constraints and offers practical guidance—on design, end markets and a range of collection options—rather than promoting a one-size-fits-all solution that doesn’t work in practice.”

(Source: Recycling Today; 13th February, 2026)

CHINAPLAS 2026: Government blueprint for emerging industries driving new plastics innovation

Under the theme “Transformation · Collaboration · Sustainability”, **CHINAPLAS 2026** will serve as a “Living Laboratory” of policy implementation and industry transformation, supporting China’s “15th Five-Year Plan”.

The exhibition will take place from April 21 to 24, 2026 at the National Exhibition and Convention Center (NECC), Hongqiao, Shanghai, China, empowering the plastics and rubber industry to capitalize on new opportunities amid times of change.

Emerging industries driving new growth frontiers

The Recommendations of “15th Five-Year Plan” highlights strategic clusters in new energy, advanced materials, aerospace, and low-altitude economy, alongside breakthroughs in quantum technology, biomanufacturing, hydrogen energy, fusion energy, brain-computer interfaces, embodied intelligence, and 6G communications.

These emerging fields are rapidly expanding the application boundaries of plastics and rubber, unlocking new growth frontiers for this fundamental pillar of manufacturing.

New energy vehicles (NEVs)

In 2025, China produced 16.6 million and sold 16.5 million **NEVs**, maintaining global leadership for 11 consecutive years with year on year growth of 29% in production and 28.2% in sales.

New generations of material solutions for batteries, charging infrastructure, and drive systems are emerging. **Rianlon**’s advanced polymer antioxidants effectively extend the service life of battery systems and charging equipment under extreme conditions. **DOMO**’s high purity engineering plastics, **TECHNYL PURE**, with outstanding electrical insulation and chemical resistance, are well suited for high voltage environments.

Low altitude economy

In 2026, the **low altitude economy** is entering a triple boom of policy, technology, and market demand. With logistics, tourism, and emergency rescue driving demand, plastics and composites are becoming strategically vital for this trillion-RMB market.

(Source : Adsale Plastics Network Date : 2026-02-10)

NEWS IN BRIEF

Reliance gets US licence to directly import Venezuelan crude

The licence now permits direct purchases from entities that have extracted or hold the crude, instead of routing cargoes solely through traders.

Reliance Industries Ltd has secured a US general licence allowing it to directly import Venezuelan crude oil, paving the way for the country's largest private refiner to resume purchases of discounted heavy feedstock suited to its Jamnagar refinery configuration, PTI reported.

Reliance was among international firms granted a general licence in late January to buy Venezuelan oil without violating US sanctions, sources aware of the development told PTI. The licence now permits direct purchases from entities that have extracted or hold the crude, instead of routing cargoes solely through traders.

Reliance operates the world's largest single-site refining complex at Jamnagar in Gujarat, which is configured to process heavy and sour crude grades efficiently. The company had been a regular buyer of Venezuelan oil before US sanctions were imposed on the Nicolas Maduro regime in 2019-20. It resumed limited purchases during a temporary sanctions relief in 2024 and earlier this year bought about 2 million barrels through trader Vitol.

State-run Indian Oil Corporation and Hindustan Petroleum Corporation Ltd have also utilised the easing window, jointly purchasing around 2 million barrels for their Paradip and Visakhapatnam refineries, respectively.

The development comes after US President Donald Trump said Prime Minister Narendra Modi had agreed to reduce purchases of Russian oil and source more crude from the US and possibly Venezuelan crude, particularly from the Orinoco Belt, is largely heavy and extra-heavy. Jamnagar's complex refining units are designed to upgrade such discounted barrels into higher-value products including diesel, kerosene and LPG, supporting refining margins. The heavy

crude also fits Reliance's integrated refining and petrochemical operations, as residual components can be converted into petrochemical feedstock, aiding margins in polymers and speciality chemicals.

Dollar languishes as Asia markets reopen to renewed tariff turmoil

The dollar languished on Tuesday as Asian markets weighed the fallout on global trade from renewed turbulence over U.S. President Donald Trump's tariff regime. The greenback held losses as China and Japan reopened after holidays and Trump warned countries against retreating from recent trade deals after the Supreme Court struck down his emergency tariffs.

The yen was a shade weaker after the Nikkei newspaper said U.S. authorities took the lead in conducting so-called rate checks last month to prop up Japan's currency. Washington's latest tariff threats are clouding the outlook for global trade, following the Supreme Court's ruling that Trump's use of a 1977 emergency law to impose tariffs exceeded his authority.

"Now we're back in a very uncertain environment," Ray Attrill, head of currency strategy at National Australia Bank, said on a NAB podcast. "It's just the uncertainty about what the future trade landscape will look like, just at a point where most countries had signed or were on the cusp of signing trade deals." The dollar index, which measures the greenback against a basket of currencies, was flat at 97.69, after a swoon of as much as 0.45% in the prior session.

The euro rose 0.07% at \$1.1793, while the yen weakened 0.03% against the greenback to 154.71 per dollar. Trump said on Saturday he would raise a temporary tariff from 10% to 15% on U.S. imports from all countries, the maximum level allowed under the law. On Monday, he took to social media to say that countries that "play games" in the wake of the Supreme Court's ruling would be hit with even higher duties. The Trump administration is considering new national security tariffs on industries like large-scale

batteries, cast iron and iron fittings, plastic piping, industrial chemicals and power grid and telecom equipment, the Wall Street Journal said. The European Parliament decided on Monday to postpone a vote on the European Union's trade deal with the United States due to the new import tax.

Japan's government said trade minister Ryosei Akazawa spoke with U.S. Secretary of Commerce Howard Lutnick on Monday and requested that Tokyo's treatment under new tariff measures not be less favourable than last year's agreement. With Japan reopening after a long weekend, the yen was slightly weaker after a Nikkei report that the U.S. conducted rate checks in the market in January without a request from Tokyo and was ready to conduct joint intervention to bolster the yen.

The renewed trade uncertainties come as doubts creep in about the sustainability of massive investments in artificial intelligence and as Federal Reserve policymakers express concerns about elevated inflation. The U.S. central bank is expected to keep rates on hold until at least June. Fed Governor Christopher Waller said on Monday he was open to leaving interest rates on hold at the Fed's March meeting if upcoming February jobs data indicates the U.S. labor market has "pivoted to a more solid footing" after a weak 2025. Traders are also focused on rising geopolitical tensions. The State Department is pulling out non-essential government personnel and their eligible family members from the U.S. embassy in Beirut, a senior State Department official said on Monday, amid growing concerns about the risk of a military conflict with Iran. The Australian dollar strengthened 0.1% versus the greenback to \$0.7061. New Zealand's kiwi rose 0.08% to \$0.5961. In cryptocurrencies, bitcoin gained 0.6% to \$64,961.86, and ether rose 0.2% to \$1,866.88.

(Source: The Economic Times; 24th February, 2026)

Export Promotion Mission: Building an Integrated Pathway for MSMEs in Global Trade

Introduction

India's export ecosystem is being strengthened through a mission-mode approach under the **Export**

Promotion Mission (EPM), aimed at expanding global market access and enhancing the competitiveness of Indian exporters, particularly Micro, Small and Medium Enterprises (MSMEs).

Building on the interventions that were already supporting exporters, the **Government has now launched 7 additional interventions under EPM**, significantly expanding the scope of support across trade finance, compliance enablement, logistics and overseas market access. With this expansion, **10 interventions under the Mission are now operational**, marking a major milestone in the rollout of EPM and reinforcing India's commitment to inclusive and export-led growth.

What is the Export Promotion Mission?

The Export Promotion Mission (EPM) is a flagship initiative designed to provide coordinated support across key elements of the export ecosystem, including trade finance, standards compliance, logistics, overseas warehousing and market development.

Approved by the Government in November 2025, the Mission brings together multiple export-support measures under a single, unified and digitally driven framework. With a total outlay of ₹ 25,060 crore for the period FY 2025–26 to FY 2030–31, EPM seeks to enhance export competitiveness and expand India's global presence.

The Mission is implemented through two integrated sub-schemes: Niryat Protsahan, which focuses on financial enablers and trade-finance support, and **Niryat Disha**, which addresses non-financial, market-access and ecosystem enablers.

Through this framework, the Export Promotion Mission aims to:

- Improve access to affordable and diversified **trade finance**, particularly for **MSMEs and first-time exporters**
- Support compliance with **international quality, technical and sustainability standards**
- Strengthen export **branding, logistics and overseas warehousing capabilities**

- Expand **market access and trade intelligence support**
- Enable **broader participation of MSMEs, including growth of cross-border e-commerce exports**

Overall, EPM adopts a **whole-of-government approach** by converging policy support, trade-finance enablement, market readiness and market linkages within a single institutional framework. By reducing fragmentation in exporter support and strengthening delivery across finance, standards, logistics and buyer connectivity, EPM enables integrated export growth for MSMEs.

Through this convergence-driven, mission-mode design, **the Mission is envisaged as a game changer in enabling MSMEs to scale up and sustain their participation in global trade.**

End-to-End Support Across the Exporter Journey

The Export Promotion Mission delivers stage-wise support aligned to the key phases of the export process, enabling exporters to access appropriate assistance from early-stage market exploration to post-shipment activities and overseas market presence.

Through its integrated interventions, the Mission provides coordinated support for:

- Market and product analysis
- Access to pre- and post-shipment export finance
- Trade Compliance
- Logistics, freight and transportation
- Overseas warehousing, fulfilment and buyer connectivity

Progress Under the Mission: Expansion of Interventions

Prior to the latest launch, **three key interventions under the Export Promotion Mission were already operational**, providing support in areas such as interest subvention, collateral-free export credit and market access.

The launch of seven additional interventions marks a significant expansion of the Mission, extending support to new areas such as alternative trade-finance instruments, e-commerce exports, compliance enablement, logistics cost mitigation, trade intelligence and overseas fulfilment. With this expansion, **the Mission now offers comprehensive and integrated support architecture covering both financial and ecosystem-level needs of exporters.**

Niryat Protsahan – Financial Enablers

Niryat Protsahan addresses access-to-finance constraints faced by exporters, particularly MSMEs, by providing timely, affordable and diversified trade-finance instruments.

Newly Launched Interventions

1) Support for Alternative Trade Instruments (Export Factoring): This intervention promotes export factoring as an affordable and accessible trade finance instrument for MSMEs, with the objective of unlocking working capital and ensuring smoother business cycles.

Support under this component is available to MSME exporters undertaking merchandise exports under the notified list of six-digit tariff lines. Export factoring services are provided through registered export factoring firms (NBFCs).

Under this intervention, **interest subvention of 2.75% is provided on the factoring cost**, subject to a **maximum limit of ₹ 50 lakh per IEC**. Both recourse and non-recourse factoring are supported, and factoring can be undertaken in Indian Rupees as well as freely convertible foreign currencies.

Export Factoring Export factoring is a financial tool that allows exporters to receive immediate cash by selling their export receivables to a financial institution. It provides working capital support, helps manage payment risk and forms part of Government-backed export finance support for MSMEs.

2) Credit Assistance for E-Commerce Exporters: This intervention provides credit facilities to MSME exporters to meet working-capital requirements for exports through postal, courier and overseas inventory-based fulfilment channels.

The support is available to MSME e-commerce exporters with a valid IEC and Udyam Registration, as well as new MSME exporters with prior domestic e-commerce turnover of at least one year. The intervention is implemented through the Export-Import Bank of India (EXIM Bank).

Under this component, the **Direct E-Commerce Credit Facility provides up to 90% guarantee coverage**, capped at ¹ 50 lakh, while the Overseas Inventory E-Commerce Credit Facility provides up to 75% guarantee coverage, capped at ¹ 5 crore. **Interest subvention of 2.75% on eligible financing is provided**, subject to an annual ceiling of ₹ 15 lakh per applicant.

3) Support for Emerging Export Opportunities: This intervention enables MSME exporters to expand into new or higher-risk export markets through access to shared-risk and credit instruments.

Risk-sharing support ranging from 10% to 90% of the transaction value is provided based on a defined risk model. Maximum Liability Permissible (MLP) limits include a 15% country-wise exposure cap, 5% exporter-wise exposure cap, 1% transaction-wise exposure cap, and 10% issuing bank-wise exposure cap.

Interventions Already Operational

4) Interest Subvention for Pre- and Post-Shipment Export Credit: This intervention provides interest subvention support on pre- and post-shipment export credit availed by MSME exporters, with the objective of reducing the cost of export finance and improving working-capital liquidity. Under this component, **interest subvention of 2.75% on the interest cost is provided**, subject to a maximum limit of ¹ 50 lakh per exporter. Under the current implementation status, **arrears amounting to ¹ 850 crore under the erstwhile Interest Equalisation Scheme have been cleared.** Since January 2026, around **3,000 exporters have registered for interest subvention support.****5) Collateral Support for Export Credit:** This intervention **facilitates collateral-free access to formal export credit for MSME exporters** by providing credit guarantee

support to lending institutions. Under this component, **credit guarantee coverage of 85% is available for micro and small enterprises**, while **65% coverage is available for medium enterprises.** The maximum eligible credit limit is ₹ 10 crore per exporter. Around 60 exporters have registered for support under this intervention since January 2026.

Niryat Disha – Non-Financial and Market Access Enablers

Niryat Disha is the non-financial enablers sub-scheme under the Export Promotion Mission. The sub-scheme focuses on addressing **non-financial trade barriers** faced by exporters and strengthening the global presence of Indian goods and services. **It facilitates compliance with global standards and international quality norms**, while expanding strategic market access through buyer-seller meets, trade fairs and exhibitions, and promoting access to overseas warehousing and fulfilment facilities.

Through its interventions, **Niryat Disha supports exporters in improving market readiness, enhancing trade visibility, mitigating logistics-related disadvantages and strengthening institutional and information support systems across the export ecosystem.**

Newly Launched Interventions

1) Trade Regulations, Accreditation and Compliance Enablement (TRACE): This intervention provides financial support to exporters to meet international testing, inspection, certification and other conformity requirements necessary for accessing global markets.

Support under TRACE is available to MSME exporters with a valid Importer Exporter Code (IEC) and valid MSME Udyam Registration Number. Assistance is provided for certifications included in the notified positive list, with higher levels of support extended for certifications under the notified priority positive list.

For certifications under the Positive List, **financial assistance of 60% of the actual cost net of taxes, or ₹ 25 lakh, whichever is lower, is provided.** For

certifications under the Priority Positive List, assistance of 75% of the actual cost net of taxes, or ₹ 25 lakh, whichever is lower, is provided. The annual cap for support under TRACE is ₹ 25 lakh per exporter.

Notified Positive List & Priority Positive List Under TRACE, the Positive List covers commonly required international certifications such as CE Marking, FDA certification, ISO standards and SABER/SASO. The Priority Positive List covers strategically important, higher-cost certifications critical for priority markets, including food safety (BRCS, FSSC 22000, HACCP), marine certifications (MSC, ASC) and ethical supply chains (SMETA).

2) Logistics Interventions for Freight and Transport (LIFT): This intervention mitigates geographical disadvantages and inland connectivity gaps faced by exporters located in hinterland regions by providing support to reduce transportation and logistics costs.

Support under LIFT is available to all MSME exporters of notified eligible products from notified districts. Eligible shipments include export movement from MSME premises to Inland Container Depots (ICDs), Container Freight Stations (CFSs), Sea Ports and Air Cargo Complexes (ACCs). Shipments through rail and road are eligible, and shipments through air are permitted for certain regions.

Financial support of up to 30% of the actual cost incurred for availing eligible transport services is provided, subject to a maximum cap of ₹ 20 lakh per exporter per financial year.

3) Integrated Support for Trade Intelligence and Facilitation (INSIGHT): INSIGHT aims to strengthen exporter preparedness and develop institutional support systems by addressing information asymmetries and capacity gaps within the export ecosystem.

The intervention covers all exporters, transport and logistics service providers, and other stakeholders engaged in export-related activities. Both private and government entities are eligible for support.

Financial assistance is provided for multiple activities, including development of modules and toolkits, training

and capacity building, district and cluster-level facilitation, research, innovation and pilot initiatives, and trade intelligence and analytics. **Support of up to 50 % of the approved project cost is provided for eligible activities,** subject to prescribed ceilings for each category. **Government entities may receive up to 100 % of the approved project cost.**

4) Facilitating Logistics, Overseas Warehousing and Fulfilment (FLOW): This intervention addresses logistics and warehousing constraints faced by exporters by enabling access to overseas storage, distribution and fulfilment infrastructure, thereby supporting faster, more reliable and cost-effective exports.

Support under FLOW is available to **Export Promotion Councils, Commodity Boards, logistics, warehousing and fulfilment service providers, industry associations, and organisations recommended by the Central or State Government.**

Financial assistance under this component is provided for a maximum period of three years. Support is available for the following categories:

- **Overseas Warehousing Facility:** Assistance limited to the lower of ₹ 10 crore or 30% of the approved project cost.
- **Overseas Fulfilment Arrangements:** Assistance limited to the lower of ₹ 5 lakh per month or 30% of the approved project cost.
- **Display and Market Access Facilities:** Assistance limited to the lower of ₹ 5 crore or 30% of the approved project cost.
- **E-Commerce Export Hubs (ECEH):** Assistance limited to the lower of ₹ 10 crore or 30% of the approved project cost.

Intervention Already Operational

5) Market Access Support (MAS): Market Access Support facilitates the conduct of market access activities aimed at developing, expanding and sustaining international markets, thereby enabling market diversification and enhancing international visibility of Indian products and services. Under this

intervention, financial assistance is provided for Buyer Seller Meets, Trade Fairs, Trade Delegations and Reverse Buyer Seller Meets. Support of up to ₹ 5 crore per event is available for Buyer Seller Meets, Trade Fairs and Trade Delegations, while support of up to ₹ 10 crore per event is provided for Reverse Buyer Seller Meets. Airfare support is extended to MSMEs for participation in eligible market access activities, and preferential support is provided for priority sectors. **Under the current implementation status, arrears amounting to ₹ 118.65 crore under the erstwhile Market Access Initiative (MAI) Scheme have been approved.** A total of 34 events, comprising 24 Trade Fairs and 10 Reverse Buyer Seller Meets, have been approved with cumulative financial support of ₹ 45.5 crore.

Procedure for Application

Niryat Protsahan

For Niryat Protsahan interventions, exporters file an **Intent-to-Claim (IC)** on dgft.gov.in prior to obtaining support, upon which a **Unique Identification Number (UIN)** is generated. The exporter shares the UIN with the lending institution or factoring entity. Lending institutions extend the credit or trade finance instruments to exporters and submit the **Claim Submission (CS)** to the implementing agency as per notified guidelines.

Niryat Disha

For **LIFT and TRACE**, exporters file an Intent-to-Claim (IC) on trade.gov.in before obtaining EXIM-related services and submit a Reimbursement Claim (RC) after export completion with supporting documents and self-certification.

For **FLOW, INSIGHT and MAS**, assistance is provided through a proposal-based approval mechanism, with applications submitted on trade.gov.in, followed by evaluation by the EPM Division, recommendation by the Sub-Committee and final approval by the Steering Committee.

Conclusion

The Export Promotion Mission represents a coordinated export support ecosystem combining financial enablers, market access support and

ecosystem-level interventions. By addressing both credit-related and non-financial barriers faced by exporters, particularly MSMEs, **the Mission aims to reduce the cost of exporting, improve compliance readiness and enhance global market integration.**

Through coordinated implementation by **Central Ministries, State and District authorities, financial institutions, Export Promotion Councils and Indian Missions abroad**, EPM is envisaged to promote inclusive, decentralised and sustainable export growth.

(Source: PIB, 24 FEB 2026)

**BS Manthan में बोले एक्सपर्ट्स:
टेक्नोलॉजी, मटेरियल और सप्लाय चैन
से मजबूत होगा मैनुफैक्चरिंग सेक्टर**

पिछले एक साल में सप्लाय चैन में कई रुकावटें आईं। इससे यह साफ हुआ कि केवल ग्लोबल सप्लाय पर निर्भर रहना जोखिम भरा है।

बिजनेस स्टैंडर्ड के मंथन कार्यक्रम में बुधवार को नई दिल्ली में उद्योग जगत के अधिकारियों ने कहा कि भारत का मैनुफैक्चरिंग सेक्टर अब एक ऐसे दौर में प्रवेश कर रहा है जहां ध्यान असंबली और पैमाने से हटकर तकनीक के स्वामित्व, बेहतर मटेरियल और सप्लाय चैन की मजबूती पर केंद्रित हो रहा है। फिलहाल इस सेक्टर का देश के सकल घरेलू उत्पाद यानी जीडीपी में हिस्सेदारी करीब 17 फीसदी है। रोल्स-रॉयस, मिडवेस्ट और मशरेक इंडिया के अधिकारियों ने कहा कि सरकारी नीतियों का समर्थन, ग्लोबल सप्लाय चैन में बदलाव और निवेशकों का भरोसा नए मौके बना रहे हैं। हालांकि, अभी भी कुछ चुनौतियां हैं। एडवांस मटेरियल, बौद्धिक संपदा (IP) का स्वामित्व और जरूरी खनिजों तक पहुंच में कमी बनी हुई है।

GDP में मैनुफैक्चरिंग की हिस्सेदारी 25% होनी चाहिए

रोल्स-रॉयस में डिफेंस (भारत और दक्षिण-पूर्व एशिया) के सीनियर वाइस प्रेसिडेंट अभिषेक सिंह ने कहा कि मैनुफैक्चरिंग का जीडीपी में हिस्सा 25 फीसदी तक बढ़ाना बेहद जरूरी है, क्योंकि इसके आर्थिक और रणनीतिक फायदे हैं।

उन्होंने कहा, "25 फीसदी तक पहुंचना बहुत महत्वपूर्ण होगा, क्योंकि हम सभी जानते हैं कि मैनुफैक्चरिंग क्या-क्या लाभ देती है।" उन्होंने आगे कहा कि मैनुफैक्चरिंग सेक्टर न केवल

मल्टीप्लायर प्रभाव पैदा करता है, बल्कि बड़े पैमाने पर रोजगार सृजन और सप्लाई चेन को स्थिरता भी प्रदान करता है।

सिंह ने इस बात पर भी जोर दिया कि मैनुफैक्चरिंग “राष्ट्रीय सुरक्षा की मजबूती” और “रणनीतिक आत्मनिर्भरता” से भी जुड़ा है। खासकर आज के बदलते वैश्विक हालात में इसकी अहमियत और बढ़ गई है।

मटेरियल और तकनीक में आत्मनिर्भरता क्यों जरूरी?

पिछले एक साल में सप्लाई चेन में कई रुकावटें आईं। इससे यह साफ हुआ कि केवल ग्लोबल सप्लाई पर निर्भर रहना जोखिम भरा है। खासतौर पर हाई-टेक मैनुफैक्चरिंग में देश के अंदर क्षमता विकसित करना जरूरी है।

मिडवेस्ट के सीईओ कोल्लारेड्डी रामचंद्र ने कहा कि पहले देश ग्लोबल सप्लाई चेन पर भरोसा कर सकते थे। लेकिन अब यह मॉडल कमजोर पड़ने लगा है। उन्होंने कहा कि पिछले 12 महीनों में पहली बार ऐसा देखा गया है कि यह मॉडल हर समय काम नहीं करता।

उन्होंने कहा कि सिर्फ खनिज निकालना ही काफी नहीं है, बल्कि उन्हें शुद्ध करने और प्रोसेस करने की तकनीक विकसित करना ज्यादा जरूरी है। उन्होंने कहा, “असली वैल्यू खनिज में नहीं, बल्कि उसे सही शुद्धता तक पहुंचाने की प्रक्रिया और तकनीक में है।”

भारत में करीब 1 लाख स्टार्टअप हैं, लेकिन इनमें से 50 से भी कम एडवांस्ड मटेरियल पर काम कर रहे हैं। उन्होंने कहा कि हाई-टेक मैनुफैक्चरिंग में बढ़त हासिल करने के लिए इस स्थिति को बदलना होगा।

कोल्लारेड्डी ने रेयर अर्थ मिनरल्स को बढ़ा अवसर बताया। उन्होंने कहा कि भारत अभी लगभग 500 टन रेयर अर्थ ऑक्साइड का उत्पादन करता है, जबकि चीन करीब 60,000 टन उत्पादन करता है। वहीं दुनियाभर में इसकी मांग करीब 75,000 टन है और लगातार बढ़ रही है।

उन्होंने कहा, “अगर सवाल है कि क्या भारत ग्लोबल बाजार का 25 फीसदी हिस्सा हासिल कर सकता है, तो जवाब है—हां, और वह इसे अगले 50 वर्षों तक बनाए रख सकता है।”

भारत में वैल्यू चेन में आगे बढ़ रही ग्लोबल कंपनियां

उद्योग जगत के अधिकारियों ने कहा कि भारत का मैनुफैक्चरिंग इकोसिस्टम अब बदल चुका है। यह पहले सिर्फ बेसिक असंबली तक सीमित था, लेकिन अब ज्यादा जटिल और तकनीक-आधारित उत्पादन की ओर बढ़ रहा है।

अभिषेक सिंह ने बताया कि रोल्स-रॉयस ने भारत में शुरुआत एयरो गैस टर्बाइनों की असंबली और टेस्टिंग से की थी, लेकिन अब कंपनी जटिल मैनुफैक्चरिंग और को-डेवलपमेंट की ओर बढ़ चुकी है। उन्होंने कहा, “अब हम भारत में को-क्रिएशन के मॉडल पर काम कर रहे हैं, जहां बौद्धिक संपदा (IP) का स्वामित्व भारत के पास होता है।”

सिंह ने यह भी कहा कि भारत में मैनुफैक्चरिंग साधारण मशीनिंग से आगे बढ़कर अब जटिल और हाई-टेम्परेचर कंपोनेंट्स तक पहुंच चुकी है। इसमें राज्य सरकारों की ओर से जमीन उपलब्ध कराना और स्किलिंग पहल अहम भूमिका निभा रही हैं।

पॉलिसी और फाइनेंस से कैसे बढ़ रही हैं मैनुफैक्चरिंग?

उद्योग जगत के अनुसार, बैंकिंग और सरकारी नीतियों का समर्थन भारत के मैनुफैक्चरिंग इकोसिस्टम को मजबूत बना रहा है।

मशरूक इंडिया के सीईओ और कंट्री हेड तुषार विक्रम ने कहा कि सरकार की कई पहल इस ग्रोथ में अहम भूमिका निभा रही हैं। उन्होंने प्रोडक्शन-लिंक्ड इंसेंटिव योजना (PLI), राष्ट्रीय विनिर्माण नीति और गति शक्ति कार्यक्रम जैसे कार्यक्रमों को प्रमुख कारक बताया।

उन्होंने कहा कि भारत की बड़ी वर्कफोर्स, मजबूत डेटा इकोसिस्टम और विकसित भारत कार्यक्रम के तहत सरकार का जोर भी मैनुफैक्चरिंग को आगे बढ़ा रहा है। वहीं कोल्लारेड्डी ने कहा कि PLI जैसी योजनाओं से उत्पादन और विस्तार को गति मिली है, लेकिन रिसर्च एंड डेवलपमेंट (R&D) को बढ़ावा देने की भी जरूरत है। उन्होंने कहा, “अगर तकनीक आपकी अपनी नहीं है, तो आप हर 5-6 साल में नई तकनीक पर निर्भर नहीं रह सकते।”

भारत पर विदेशी निवेशकों की नजर

वैश्विक अस्थिरता के बावजूद, उद्योग जगत के अधिकारियों का कहना है कि भारत मैनुफैक्चरिंग निवेश के लिए एक आकर्षक गंतव्य बना हुआ है।

तुषार विक्रम ने कहा कि वैश्विक निवेशक भारत को एक भरोसेमंद सोर्सिंग डेस्टिनेशन के रूप में देखते हैं। उन्होंने कहा, “दुनिया के लिए यह समय चुनौतीपूर्ण है, लेकिन भारत की स्थिति अपेक्षाकृत बेहतर रही है।” उन्होंने यह भी कहा कि भारत की गवर्नंस, कानूनी ढांचा और नीतिगत दिशा वैश्विक निवेशकों को आकर्षित कर रही है।

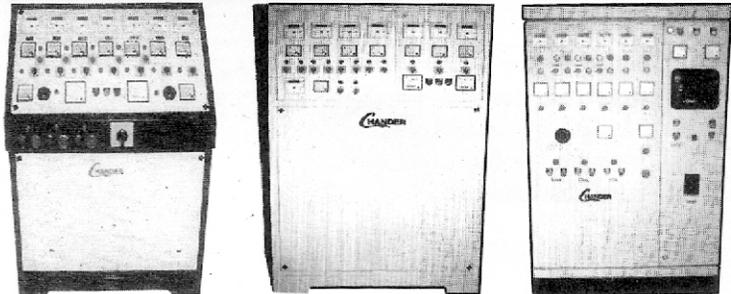
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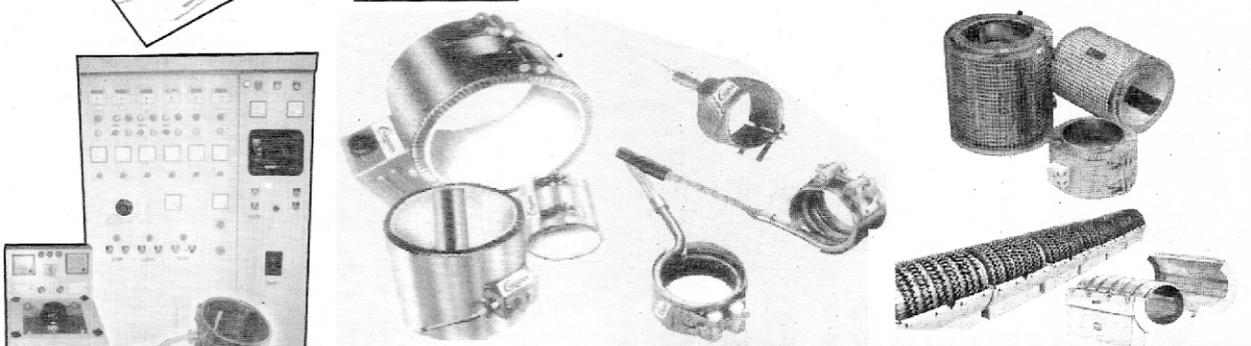
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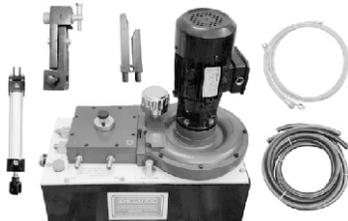
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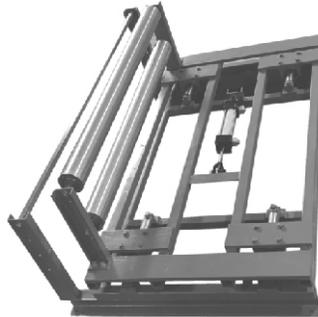
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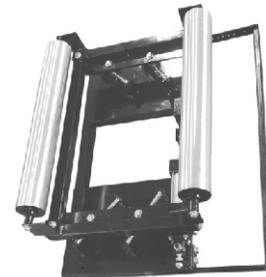
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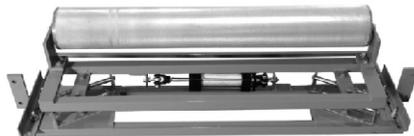
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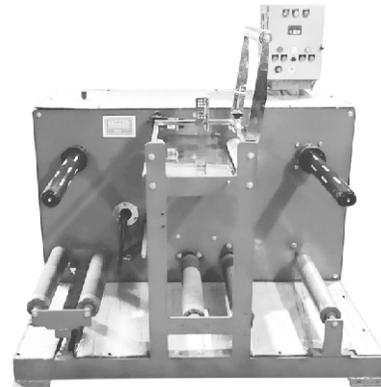
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