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No. 10

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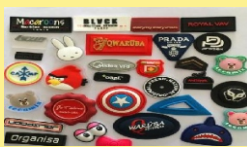
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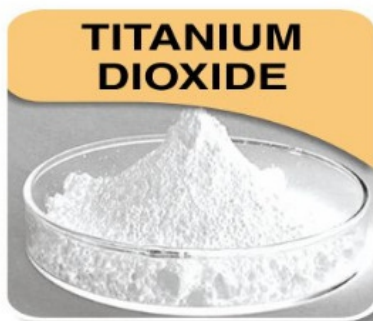
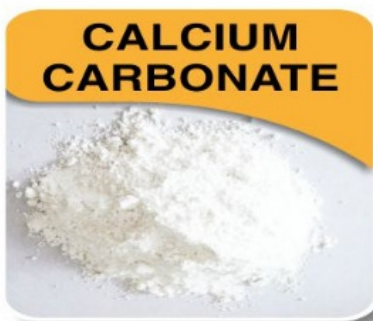
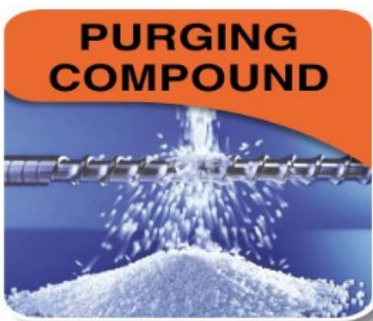
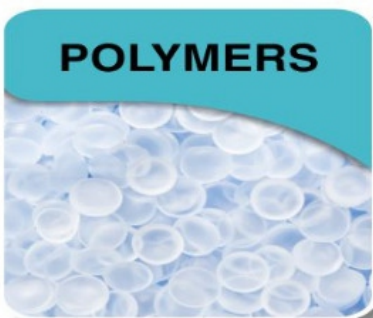
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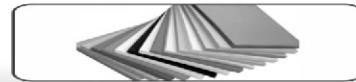
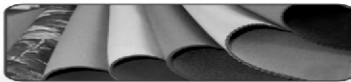
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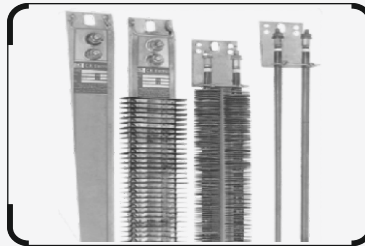
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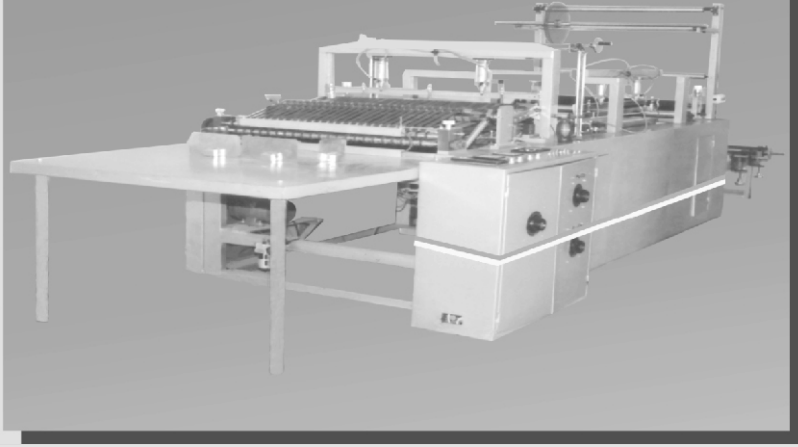
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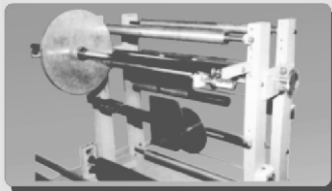
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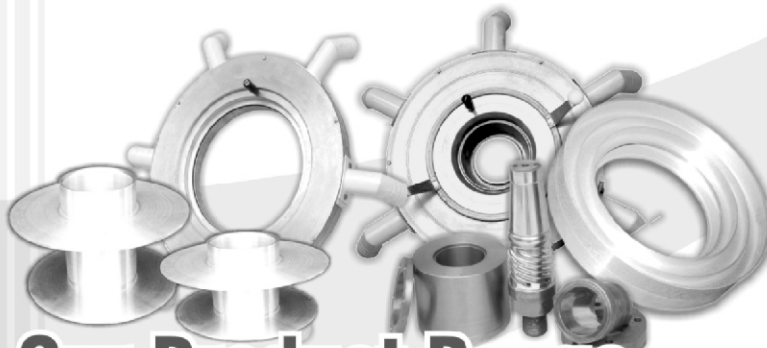
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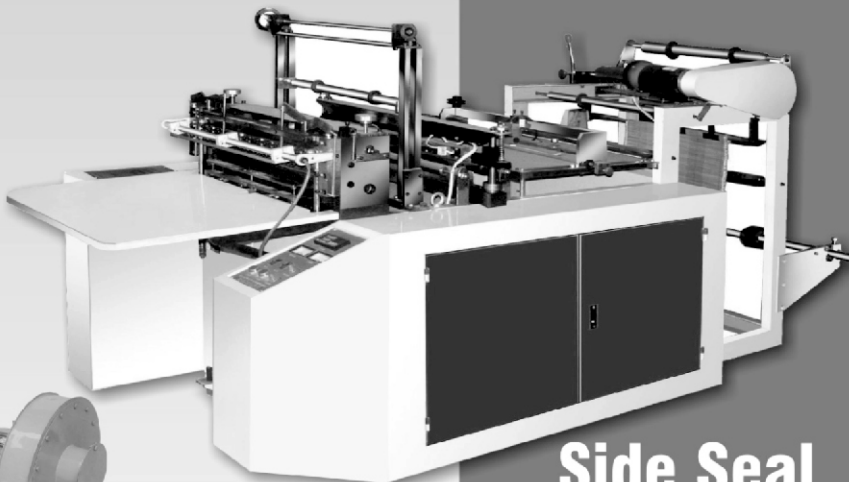
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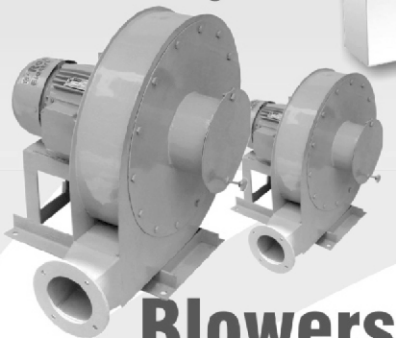
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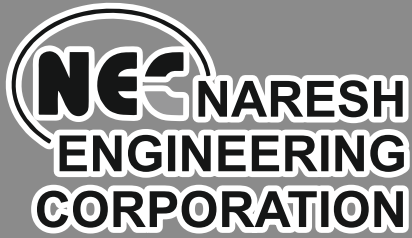
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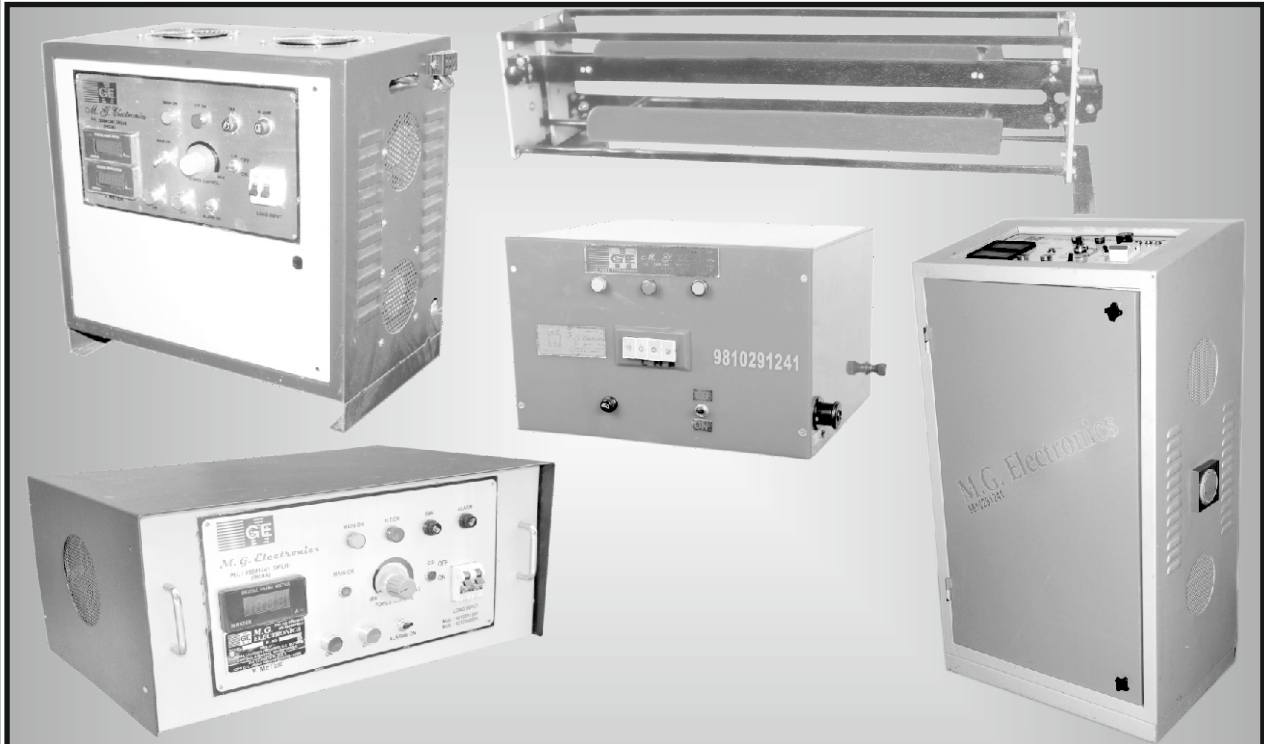
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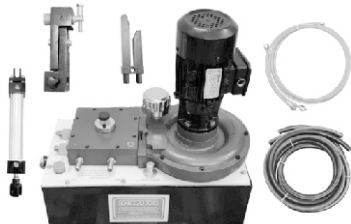
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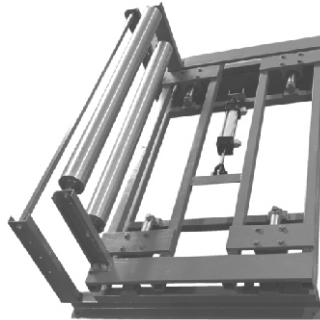
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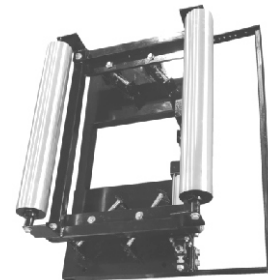
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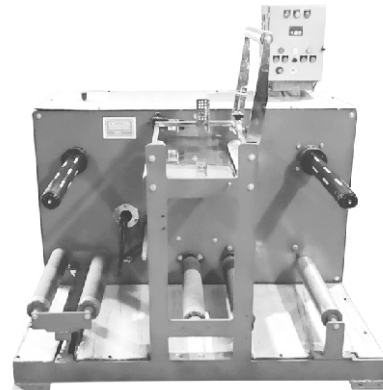
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Thoughts on Plastic waste

In the recently concluded conference by MSMECCII Chamber of Commerce at Vigyan Bhawan, some new thoughts have emerged regarding plastic waste.

Plastics have revolutionized not only industries but the whole social fabric. Currently, approximately 300 million tons of plastic waste are generated globally each year and only about 9% of plastic waste ever produced has been recycled (as per Plastic Industry Statistics). In India, we generate over 70 million tonnes of MSW per year with over 9 million tonnes of plastic wastes. It is therefore, only a small percentage of MSW but being carelessly littered is highly visible. It has been assessed many a time that at the disposal/landfill site even this about 8% of plastic waste is found to be barely 1-2%. This shows that, being valuable, scavenged regularly in its movement from the household to the landfill.

As far as the carbon footprint of plastic waste is concerned, study shows the plastic often has a lower carbon footprint than its alternatives like glass, wood and metal. Manufacture of Plastic resin is the major contributor of GHG, from about 2 kgs-5kgs of CO₂ per 1 kg of plastic raw material.

Major contribution to green house gas emission has already taken place at the time of production of plastic raw material. Therefore, it makes great sense in recycling this valuable raw material. A new trend that has emerged is chemical upcycling of plastic waste. This improves the quality of the final product. All in all, collection of plastic waste still continues to be the main challenge. And that is why it has been called a resource lying at the wrong place. In advanced societies, especially Sweden, automated segregation of MSW is being done. Vast quantities of waste are being segregated into its various components and value recovery therefore is very high.

In our country, segregation is mostly manual. We have requested the authorities to gradually move to automatic sorting which will not only recover more value but make waste management easy.

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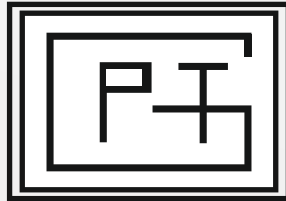


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ASSOCIATION ACTIVITIES

Letter dated 30th September, 2025 sent to Shri Nayab Singh Saini, Hon'ble CM-Haryana to Request for Intervention on Issues Affecting industrial units operating in Haryana regarding imposition of additional stamp duty on declaration deeds.

"हम देश की सबसे बड़ी माइक्रो एवं स्मॉल स्केल प्लास्टिक प्रोसेसर की एसोसिएशनों में से एक हैं, जो वर्ष 1982 से अपने सदस्यों के हितों की सेवा कर रही है।

हम आपका ध्यान इस ओर आकर्षित करना चाहते हैं कि हरियाणा के विभिन्न औद्योगिक क्षेत्रों में हमारे सदस्यों को **Declaration Deed** पर अतिरिक्त स्टाम्प ज्यूटी वसूली को लेकर गंभीर कठिनाइयों का सामना करना पड़ रहा है।

HSIHC से प्लॉट लेकर रजिस्ट्री करवाने के उपरान्त, जब कंपनियाँ **Private Limited** से **LLP** अथवा **Limited** में रूपांतरण करती हैं, तो **HSIHC** द्वारा केवल ₹100/- के स्टाम्प पेपर पर **Declaration Deed** रजिस्टर करवाने की औपचारिकता पूरी कराई जाती है।

परन्तु, स्थानीय तहसील कार्यालय अब उसी **Declaration Deed** पर दोबारा, वर्तमान दरों के अनुसार, स्टाम्प ज्यूटी जमा करवाने की माँग कर रहे हैं कृ मानो यह कोई सेल-पर्वेज डीड हो।

इससे उद्योगपतियों को अनेक समस्याएँ हो रही हैं:

- **Declaration Deed** किसी भी प्रकार की **Sale&Purchase Deed** नहीं है।
- यदि इसे **Sale-Purchase** माना जाता, तो पहले बिना स्टाम्प ज्यूटी वसूल किए इसे रजिस्टर्ड क्यों किया गया?
- मानेसर, कुंडली आदि क्षेत्रों में पहले यह प्रक्रिया बिना अतिरिक्त ज्यूटी के सम्पन्न होती रही है, अब इन क्षेत्रों में भी दुबारा से स्टाम्प ज्यूटी की प्रक्रिया शुरू हो गयी है

महोदय, यह समस्या केवल हरियाणा तक सीमित नहीं रहेगी, बल्कि भविष्य में अन्य राज्यों में भी इसी प्रकार की स्थिति उत्पन्न हो सकती है, जो **MSME** सेक्टर के लिए भारी परेशानी बनेगी और "**Ease of Doing Business**" की भावना को आघात पहुँचाएगी।

अतः आपसे करबद्ध निवेदन है कि:

1. **Declaration Deed** पर अतिरिक्त स्टाम्प ज्यूटी की माँग को तत्काल रोका जाए।
2. पूर्व में पंजीकृत कमके को मान्य मानकर उद्यमियों को राहत दी जाए।
3. सभी जिलों/तहसीलों में स्पष्ट एवं समान दिशा-निर्देश जारी किए जाएँ, ताकि उद्योग जगत को अनावश्यक उत्पीड़न और भ्रष्टाचार से बचाया जा सके।

माननीय मुख्यमंत्री जी, हमारे सभी सदस्य विशेषकर हरियाणा उद्योग से जुड़े उद्यमी, आपसे इस गम्भीर समस्या के शीघ्र समाधान हेतु सकारात्मक हस्तक्षेप की अपेक्षा करते हैं।"

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Important Points Discussed during the monthly meeting held on 9th September, 2025

1. Approval of Expenditure for August 2025

The monthly expenditure for August 2025 was reviewed and approved.

2. Discussion on Industry-Related Matters

It has been reiterated many a time in the current meetings of the Chief Minister Smt. Rekha Gupta that industrial premises be made free hold. What shape it finally takes is awaited,

3. AGM-cum-Election-cum-Industry Meet (2025–27)

- **Date: Tentatively 17th / 18th December, 2025**

- **Venue: Hotel City Park, Pitampura**

- Shri Jatin Raheja, Organizing Secretary, informed that the rates at City Park will be ' 2,000/- plus GST per person. He further mentioned that one of our members, Shri Sachin Arora, has personal contacts with the hotel's owner and may help negotiate better rates.

- **Sponsorships:** Shri Jatin Raheja also assured his full efforts to secure sponsors for the event.

4. Plastic World Directory – 2026

As no change in tariff was decided, work on the Directory will be initiated.

5. AIPIA's Support to *Plastech India Expo* (Coimbatore)

It was decided to extend Logo Support to the event.

Events Attended

1. 6th Global Sustainability Summit & Expo

Organized by the MSME Chamber of Commerce and Industry of India on 18th & 19th September 2025 at Vigyan Bhawan, New Delhi.

Shri Ravi Kumar Aggarwal, Patron–AIPIA, was felicitated at the event and he was also one of the speakers in this prestigious summit. The event witnessed participation from several AIPIA members. Extract of the paper will be reproduced in the next issue.

2. Launch Function of PLASTINDIA 2026

Held on 20th September 2025 at Convention Hall, The Ashok, New Delhi.

The event was graced by Smt. Rekha Gupta, Hon'ble Chief Minister of Delhi, as the Chief Guest. AIPIA members also actively participated in this important industry gathering.

GOVERNMENT NOTIFICATION

MUNICIPAL CORPORATION OF DELHI (FACTORY LICENSING DEPARTMENT)

No.: DC/FL/MCD/2025/D-42

Dated: 28th July, 2025

ORDER

Subject : Deemed permission/licence under Section 416/417 of the DMC Act, 1957 to the factories operating in the industrial areas established/ recognized by GNCTD/DSI IDC under initiative of 'Ease of Living' and 'Ease of Doing Business'

The industrial areas established/recognised by GNCTD/DSI IDC area are, by their very purpose, meant for industrial activities. Issuing of an independent permission/licence by Factory Licensing Department, MCD to a factory operating in industrial areas established/recognised by GNCTD/DSI IDC is an additional redundant compliance burden. In issuing such permission/licence, MCD does not really make any worthwhile contribution to the cause of factories in the industrial areas established/recognised by GNCTD/DSI IDC.

2. Environmental related norms are enforced through the system of giving consent to establish/operate and/or authorisation by Delhi Pollution Control Committee (DPCC). Likewise, fire safety norms, as applicable, are enforced by Delhi Fire Service through the system of fire safety certificate. When the factory owner/occupier applies for and obtains sanction of building plan and completion certificate from MCD, the issue of structural safety is factored in the process of such sanction.
3. The permission/licence fee is, at present, charged on the basis of electric power (HP) used by factory concerned. This amounts to taxing mechanization and also tends to promote distortions in verification of the horse power.
4. The matter of reforming the permission/licence system for the factories in the industrial areas established/recognised by the GNCTD/DSI IDC has been considered by the competent authority and a Resolution No.57 dated 10/07/2025 has also been passed by the Corporation.
5. In view of the above and in order to promote Ease of Living (EoL) and Ease of Doing Business (EoDB), it is decided, with approval of the Competent Authority, as under:

(i) For the MSME units in the industrial areas established/recognised by GNCTD/DSI IDC, MSME Udhyaam Registration Certificate is recognised/deemed as permission/licence of MCD for the purpose of Section 416/417 of DMC Act, 1957. For large industrial units in the industrial areas established and recognised by GNCTD/DSI IDC, the allotment letter /lease-deed issued by GNCTD/DSI IDC is recognised/deemed as permission/licence of MCD for the purpose of Section 416/417 of the DMC Act, 1957. This will be subject to the payment of Fee @ 5% of Property Tax, which shall be paid by the factory owner/occupier at the time of payment of Property Tax.

(ii) Upon payment of Property Tax and Fee, the factory owner/operator shall download the payment receipt which shall inter-alia have the endorsement that the MSME Udhyaam Registration or allotment letter/lease-deed, as the case may be, is being recognised as permission/licence u/s 416/417 of DMC Act, 1957. The aforesaid recognition/ deeming as permission/licence of MCD will be valid subject to the factory owner/operator complying with other legal norms and obtaining at his own level the requisite regulatory compliances from other authorities concerned, as applicable. It shall be the sole duty and

responsibility of the factory owner/operator to ensure safety of life and property while running his factory/trade and he will thus be solely liable for civil and criminal liabilities if there is any loss of life & property. A declaration to the aforesaid effect shall also be included in the endorsement of the payment receipt mentioned above. No separate factory licence will thus be issued.

(iii) The aforesaid arrangement will apply to conforming industrial areas as well as unplanned industrial areas/clusters notified by GNCTD.

(iv) A Factory owner/occupier who has not taken or renewed the permission/licence as of now will upload the MSME Udhyam Registration Certificate or the allotment letter/lease-deed issued by GNCTD/ DSIIDC, as the case may be, on Property Tax portal and pay the fee and then download the endorsement of deemed permission/licence, as mentioned above. The permissions/licences already issued shall however remain valid for their validity period.

This order comes into operation with immediate effect.

Addl. Commissioner
Factory Licensing Department

NOTICE

Subject: Booking of Advertisement Space in AIPIA Directory – 2026

Dear Members,

We are pleased to inform you that the Association is bringing out its **Directory – 2026**, which will be widely circulated amongst members, government departments, allied industries, exhibitions, and other stakeholders.

Members are requested to **book their advertisement space** in the Directory at the earliest to ensure prominent placement. The tariff sheet is enclosed herewith for your ready reference.

This is a valuable opportunity to promote your company, products, and services while extending your support to the Association's activities.

You are kindly requested to confirm your booking along with payment details on or before **31st October, 2026. The tariff sheet is also reproduced in this issue at Page No. 38, for your reference.**

For booking and further information, please contact the Association office at:



8527606500, 011-49064336



aipiadelhi@gmail.com, aipia1982@rediffmail.com,

Your cooperation in making the Directory – 2026 a grand success will be highly appreciated.

With regards,

Sd/-

Brijesh Bhutani

Hony. General Secretary

Special Note: An incentive of 10% on the tariff shall be extended to all advertisers who make advance payment by 31st October, 2025.

Evolving for Impact: The Journey to End Plastic Waste

-By Ted Toth

“Our future programming will be on a much larger scale than the individual projects we have previously funded. Programme design will fall into two categories, country-specific and thematic, with funding weighted towards emerging and developing countries.”

Five years ago, the Alliance to End Plastic Waste was founded with the purpose to end plastic waste and achieve a circular economy for plastics. Recognising that solutions are needed across the plastics value chain, the Alliance’s focus has always been on helping to improve the collection, sorting, and recycling of plastic waste. Alongside reduce and reuse, recycling is the engine that will drive the transition to a circular economy for plastics. When done at scale, recycling ensures that existing plastic material and products are kept in use and circulation for as long as possible, thereby reducing the need for virgin feedstock.

To tackle the plastic waste challenge, all parts of the value chain must be addressed. Since inception, with the support of our partners, we have reduced almost 240,000 tonnes of plastic waste, captured value from over 253,000 tonnes of plastic waste, and catalysed S\$610 million of funding commitments by other parties to date.

As we grow, we increase our understanding of the scale and complexities of the challenges involved in building a circular economy for plastics. Our approach will evolve, building on the knowledge and lessons we have gleaned from project experience. It is apparent that full plastics circularity can only be achieved through widespread systems change.

That is why we have embarked on a new and ambitious pathway to deliver impact at speed and scale. With the Alliance’s Strategy2030, we will grow and expand our work with governments and development finance institutions (DFIs) to develop and implement a set of large-scale, high-impact programmes with at least US\$100 million in collective financing for each programme.

Our future programming will be on a much larger scale than the individual projects we have previously funded. Programme design will fall into two categories, country-specific and thematic, with funding weighted towards emerging and developing countries.

Country programmes will be large-scale efforts focused on regions with less mature plastic waste management systems, where there is significant unmanaged waste. Our efforts will be aligned with national priorities to tackle the integrated systems change needed to decrease plastic pollution and increase recycling rates. They will support each country in moving up the recycling maturity curve, addressing the market gaps that are roadblocking plastics circularity.

Thematic programmes will be large-scale, multi-country efforts that encompass activities that nurture solutions and identify the systems change levers to address some of the most persistent challenges preventing plastics circularity. They will be centred around broader themes critical for achieving a circular economy, and will likely take place in developed countries with mature waste management and plastic recycling systems.

India, Indonesia, and South Africa have been earmarked as our first country programmes, alongside our first thematic programme focused on flexible films. These are the areas where we see an urgent need to make the technical progress needed to close the circularity gaps. More programmes will follow, but the current portfolio was chosen based on their potential for impact, as well as the Alliance’s existing experience and footprint in the aforementioned countries and thematic pillar.

These programmes will be significant undertakings that will take years to develop and operate. They require deep collaboration with not only national and municipal governments, but other co-funders, including development banks and private-sector financial institutions. These partnerships are critical to unlocking the funds required for the resource-intensive infrastructure upgrades necessary for systems change.

There remains a funding gap in the waste management solutions necessary to end plastic waste leakage and ensure the collected material is properly recycled. Solutions that address plastic leakage already exist, but many are marginally bankable, making it difficult to secure funding through traditional investment channels. Often, these projects involve emerging technologies, nascent business models, untested market applications, take place in emerging economies with a high volume of leakage, or a combination of the above, which increases their perceived financial risk.

The Alliance believes blended finance is one of the financing solutions to address this infrastructure gap. Blended finance combines both concessional and commercial capital from governments, multi-lateral development organisations, and philanthropic entities with private sector investments to mitigate the risk and improve the financial viability of projects that deliver significant social and environmental benefits but might otherwise be overlooked by traditional investors.

Our evolving direction acknowledges that we have a transformational role to play as a source of solutions and knowledge at this critical juncture. While our focus may have shifted, our North Star never wavers – by leveraging our collective capabilities across the plastics value chain, we continue to accelerate progress to advance circularity and the elimination of plastic waste. A future where plastic waste no longer pollutes our environment is within reach. Read our [Progress Report 2024: Evolving for Impact](#).

Ted Toth is the Vice President of Global Programmes & Circularity, Alliance to End Plastic Waste.

(Source: Waste&Recycling; September 10 2025)



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Can EPR drive plastics circularity in MEA & India?

Panelists at the recent Plastics Recycling Show webinar discussed how evolving regulations, especially Extended Producer Responsibility (EPR) is emerging as a key driver of circular economy initiatives.

Bottom of Form

The speakers included Sebastian Frisch, Co-Founder & Managing Partner, BlackForest Solutions GmbH; Oliver Bonstein, General Manager, South African Plastics Recycling Organisation; and Rahul Nainani, Co-Founder & CEO, ReCircle. The session was ably moderated by Shailendra Singh, Founder & CEO, SustainMantra. They highlighted that the road from policy intention to tangible impact remains complex and challenging.

Oliver Bonstein, reflecting on South Africa's experience, highlighted that EPR regulations have spurred gradual improvements in recycling rates over the past four years. "Despite increasing costs of energy and labor, and a drop in virgin plastic prices, investments in new recycling capacity have grown," he said. EPR has incentivized converters to rethink materials and adopt recycled content, driving behavioral change across the packaging and plastics ecosystem.

Yet, market dynamics continue to influence adoption. "Fluctuating prices and competition from virgin polymers often make it more profitable for converters to use virgin materials, despite regulations encouraging recycled content," Bonstein explained. Despite these challenges, there is notable industry interest in transitioning to EPR-friendly materials, such as polyolefins, and integrating recycling-friendly labels for packaging.

Learning from established global models

Germany offers a notable example, where EPR has been in place since 1991. **Sebastian Frisch** explained that the policy has successfully diverted materials from landfills to recycling and energy recovery, creating a circular economy valued at approximately 80–90 billion euros. "EPR is a process, not an instant switch. Transparency, professional producer responsibility organizations (PROs), and robust collection infrastructure are crucial," he emphasized.

However, economic pressures are evident worldwide. Reports from the UK, Germany, and Abu Dhabi indicate that large plastic recycling companies have faced operational challenges, with some scaling down or postponing projects. While EPR provides a regulatory framework to support profitable business models, expectations must be tempered, and market realities acknowledged.

India's journey: opportunities and gaps

In India, EPR regulations, initially drafted in 2016, have helped spark dialogue around circular economy practices and plastic pollution mitigation. Nainani noted that prior to EPR, the concept of circularity was largely absent from industry discussions. "Offset and recycled content targets have created a clear tailwind towards circular economy adoption," he said.

Yet, implementation gaps remain. The informal waste sector, handling up to 80% of the country's waste, is often unaccounted for, while infrastructure and funding limitations hinder compliance, particularly for small and mid-sized brands. Design-for-recycling remains a challenge, with poorly designed packaging creating significant liabilities for recyclers.

Addressing implementation challenges

Bonstein stressed the importance of standardizing design-for-recycling guidelines. “We see packaging entering the recycling stream that is essentially unrecyclable, which burdens the system,” he explained. Collaborative efforts between recyclers, packaging producers, and virgin polymer manufacturers are underway to establish practical, consensus-driven standards.

“Packaging producers can’t simply label items as recyclable without consulting the recycling industry. There must be alignment across the value chain,” he said. This approach not only ensures compliance but also fosters investment in recycling infrastructure and facilitates a smoother transition toward circularity.

UAE’s EPR pilot: A regional benchmark

Frisch shared updates on the UAE’s EPR pilot, noting that the Ministry of Climate Change and Environment has prioritized inclusive stakeholder engagement. “All relevant parties were involved from the outset, which is critical for an effective EPR system,” he said.

The UAE is extending EPR beyond plastic packaging to batteries, e-waste, and all packaging materials. The pilot phase is operational, offering a potential benchmark for the GCC region. This methodical, collaborative approach aims to avoid the missteps seen in other regions while ensuring practical and enforceable regulations.

Data transparency for effective EPR

Nainani emphasized that accurate data and traceability are central to EPR’s success. “You cannot measure or improve what you cannot track. Waste generation, collection, and recycling must be quantified to design effective interventions,” he said.

In India, inconsistencies in data, unverified credits, and weak monitoring have hindered full implementation. Transparency is crucial not only for regulatory compliance but also for ESG and SDG reporting, providing both brands and authorities with actionable insights.

Consumer engagement, the missing link

A critical discussion point was the role of consumers. Many sustainability initiatives are widely promoted, yet actual participation remains low. Nainani argued that awareness gaps and misleading claims by brands—commonly referred to as greenwashing—limit consumer impact. “Consumers have power through their purchasing choices. By asking the right questions about packaging relevance and recyclability, they can influence the market,” he said.

Bonstein added that EPR functions as a bridge between industry and consumers, particularly where consumer behavior alone cannot drive change. Environmental labeling is a consumer-facing tool, yet in many regions, including South Africa, it remains poorly regulated. Importantly, EPR also provides the informal sector with opportunities to participate in circular economy initiatives.

The experiences of South Africa, Germany, India, and the UAE highlight that EPR is more than a regulatory mandate—it is a strategic instrument for building a circular economy. While challenges persist in consumer engagement, infrastructure, design, and data transparency, collaborative approaches, market-aligned incentives, and stakeholder dialogue are paving the way for meaningful impact.

(Source: Waste&Recycling; 10th September, 2025)

News Concerning Plastics

Ocean Plastic Forum secures funding for plastic recycling in India

Ocean Plastic Forum has received funding from Danida Green Business Partnerships (DGBP) for its new initiative, “From Beach to Big Bags” (FBBB), which aims to transform plastic waste into industrial big bags in Chennai, India.

The project, which will run from January 2025 to June 2026, is in partnership with Gleco A/S, Desmi RO-Clean, and Kabadiwalla Connect. It aims to create a value chain for recycled plastic.

Thomas Alstrup, head of the Ocean Plastic Forum secretariat, says, “This project is a great example of how international value chain collaborations can drive real change. By combining the expertise of each partner, we can ensure that significant amounts of plastic waste are recovered from coastal areas and integrated into scalable business models that support the circular economy.”

The initiative hopes to empower local communities and curtail plastic pollution in oceans and waterways by creating industrial big bags that contain 30% recycled polypropylene (rPP). The informal waste sector collects land-based plastic waste, while ocean plastic is collected by a waste barrier supplied by Desmi Ro-Clean, a pollution cleanup company.

Value chain integration

The collected plastic waste is integrated into a value chain and converted into large industrial bags. The collection company Kabadiwalla Connect aims to collect waste that supports social and environmental goals, with the traceability and quality of materials documented for accurate certification.

Siddharth Hande, CEO of Kabadiwalla Connect, says: “This project aligns perfectly with our mission to empower informal waste collectors and integrate them into formal recycling systems.”

“By providing fair wages, access to insurance, and improved working conditions, we can create a sustainable and inclusive circular economy that benefits people and the planet.”

The recycled material is sent to Gleco A/S, a Denmark-based manufacturer, including industrial big bags, demonstrating the potential for a commercially viable model where recycled plastic becomes a sought-after resource.

According to the Ocean Plastic Forum, “the project aims to deliver at least 20 tons of certified rPP for production.”

Ethical business model

The project aims to remove plastic waste and combine environmental protection with social responsibility by integrating the informal waste sector into a “structured and fair value chain.”

The partnership wants to improve working conditions by providing economic benefits for waste collectors — such as health insurance and occupational safety improvements.

Ocean Plastic Forum highlights that the project aims to create an economically sustainable model where “the final sale price of big bags remains competitive.”

“Barrier systems are financed through the value of the collected plastic, and local waste collectors achieve improved living conditions.”

The organization hopes the project will provide the blueprint for a full-scale commercial rollout.

Plastic waste removal

Packaging providers and NGOs are increasingly attempting to curb the amount of single-use plastic through joint projects and scientific innovation. However, ambiguous terminology and operations often hinder the conversation surrounding plastic waste, especially in marine environments.

Recently, researchers at the Riken Center for Emergent Matter Science in Japan created a biodegradable plastic material applicable to packaging that naturally decomposes in seawater. The study aimed to introduce an alternative

to conventional plastic that maintains the strength and versatility of standard solutions while eliminating their long-term environmental footprint.

Meanwhile, Unilever has introduced refill initiatives for beauty products to cut plastic waste. Since 2018, it has tested over 50 refills and reuse pilots globally. Indonesia, Bangladesh, and Sri Lanka have incorporated various refillable personal care product initiatives in the last five years, working with local communities and Transform companies.

(Source: Packaging Insights)

Fake biodegradable plastic a worry, no regulation or crackdown

A senior Central Pollution Control Board (CPCB) official from Delhi admitted that the drive to control plastic menace has reduced over time.

BENGALURU: Plastic waste management continues to be a challenge for the authorities: Plastic materials are often passed off as biodegradable items, while at the household level, the way plastic items are handled is a concern.

The Union government banned single-use plastic and issued directions to encourage other recyclable items on July 1, 2022. It was part of Plastic Waste Management Amendment Rules, 2021. The government issued a notification for the ban on August 12, 2021. However, there has been little impact on ground.

Experts say that despite awareness, people continue to use plastic bottles and carry bags as the government has been unable to regulate their manufacture and use.

A senior Central Pollution Control Board (CPCB) official from Delhi admitted that the drive to control plastic menace has reduced over time. An official from Karnataka regional CPCB office said that earlier, inspections were done on a monthly basis and urban local bodies officials were also guided. This has now come down.

Divya Tiwari, adviser, Saahas, NGO working on waste management said, despite clear definitions on plastic waste management rules, ground operations continue to be an issue. Biodegradable plastic is seen as an alternative to plastic, but most are fake. “We are demanding the government have a colour code of them with proper identification for people to know. Visual distinction of biodegradable plastic is a challenge,” she said, adding that ideally biodegradable plastic should self degrade in 90 days, but fake items take 180-200 days.

Experts also pointed out that the government has no method of collection and disposal of biodegradable plastic, which makes matters worse. Industries handling plastic waste are not accepting biodegradable plastic items due to their poor quality. This apart, small plastic items are adding to the menace.

Tejaswini Ananthkumar, Chairperson and co-founder of Adanya Chetana Foundation, said more awareness on plastic waste management is needed. People can do their little bit by simply not cutting the edge of their milk/curd plastic packets. “This is being told since 2019. Collecting and recycling small plastic is difficult. It has become a large contributor to plastic pollution and has now entered the food chain. Another concern is the use of paper glasses for they have plastic linings and in 15 minutes, a cup filled with tea/coffee generates 25,000micro plastic.”

KSPCB Chairman Narayan Swamy said: “While proper disposal of plastic is the task of government agencies, proper handling should be by people. Awareness is needed that people should not cut the edges of plastic packets. Such small steps by individuals make a large difference. Discussions with all stakeholders will soon be held.”

Retd CPCB Karnataka Regional Director S Suresh said against people’s belief, products labelled as biodegradable or compostable are plastic items and companies are misleading consumers. These items break down in special industrial conditions, which are not available in most cities and towns in India. This makes it hard to compost them properly and they end up polluting the soil and water like regular plastic. The Plastic Waste Management Rules, updated in 2022 and 2024, require all biodegradable plastics to be tested and certified by CPCB. But these rules are not strictly followed and state boards also find it difficult to check all products.

Many industries are also not ready to use biodegradable plastics because

- Major ground problems with biodegradable plastic management
- Companies are not investing because they are costly
- They are not strong or durable
- There are not enough composting centres
- People are confused with genuine and fake products

(Source: The India Express)

Recycled-PET industry faces crisis amid proposed policy dilution

The MoEFCC's proposed amendment, issued on June 3, 2025, allows brand owners to carry forward shortfalls in meeting the 30 per cent r-PET target for food contact applications for 2025-26 over the next three years.

According to the Association of PET Recyclers (Bharat), a coalition of companies in India dedicated to the responsible recycling of PET (Polyethylene Terephthalate) materials, massive investments are at risk as brand owners delay compliance with recycled plastic targets.

The recycled PET industry is facing a crisis amid poor uptake of recycled plastic by major brand owners over policy ambiguity stemming from proposed amendments to the Plastic Waste Management (PWM) Rules.

According to the Association of PET Recyclers (Bharat), a coalition of companies in India dedicated to the responsible recycling of PET (Polyethylene Terephthalate) materials, massive investments are at risk as brand owners delay compliance with recycled plastic targets. Despite the Ministry of Environment, Forest and Climate Change (MoEFCC) mandating the use of 30 per cent recycled content in rigid Category-1 PET packaging used by beverage companies – effective from April 1, 2025, brand owners are delaying compliance, citing PWM Rules.

The MoEFCC's proposed amendment, issued on June 3, 2025, allows brand owners to carry forward shortfalls in meeting the 30 per cent r-PET target for food contact applications for 2025-26 over the next three years. This leeway, according to industry insiders, has emboldened some brand owners to assume an eventual rollback or relaxation of the target, resulting in delayed or avoided purchase of r-PET. The r-PET industry has so far invested an estimated Rs 7,500-8,000 crore, with a total planned capacity of 4 lakh metric tonnes, of which 1.5 lakh MT is already operational and FSSAI-authorized, and another 1.5 lakh MT scheduled to become FSSAI authorized soon. Industry voices warn that this disconnect between policy intention and ground-level implementation may undo years of progress and jeopardize India's international climate and sustainability commitments.

“Recyclers have taken bold steps, investing in world-class food-grade compliant r-PET plants. But if enforcement remains weak and brand owners keep defaulting, we fear the entire circular economy framework could collapse, in similar lines to what is happening in EU Nations,” Shailendra Singh, Director General, APR (Association of PET Recyclers), Bharat, said. As India positions itself as a global champion of sustainable development, the disconnect between regulatory ambitions and on-ground reality now poses a serious threat to the credibility of its green transition narrative.

(Source: MoneyControl.com)

India's waste crisis is also its biggest circular economy opportunity, says Blue Planet's Prashant Singh

India's waste crisis is also its biggest opportunity to embed circularity in public infrastructure, says Prashant Singh, Co-founder & CEO of Blue Planet Environmental Solutions, which specialises in integrated waste management— from landfill mining to industrial recovery. In a conversation with ET Online on the sidelines of an event in Delhi, Singh discusses the potential for India to leverage untreated waste streams to accelerate its net-zero journey. He also emphasises the importance of platforms like Blue Planet in bridging sustainability with efficiency and economic impact. Edited excerpts:

ET: Blue Planet today operates at the intersection of waste, technology, and sustainability. How would you define your unique position in India's evolving circular economy landscape?

Prashant Singh (PS): At Blue Planet, we are building the foundation for a circular future in which waste is regarded as a valuable resource. Our comprehensive solutions empower urban local bodies, industrial zones, and infrastructure projects to move toward net-zero and decarbonisation. By utilising sustainable, data-driven waste management practices. Our mission is simple: zero waste to landfill and promote rapid circularity across various sectors.

What differentiates us is global expertise backed by technology and real-time traceability. We follow international protocols that ensure quality, transparency, and replicable models across Indian projects. Our ERP systems provide complete visibility into waste flows, while our solid waste facilities, landfill remediation efforts, and industrial processing units meet the highest global standards. In a fragmented market, Blue Planet brings structure, scientific rigour, and a platform-driven approach that makes circularity both achievable and scalable.

ET: You have claimed to manage millions of tonnes of waste each year across organic, plastic, and industrial waste streams. Can you share the latest impact metrics on how much waste Blue Planet has diverted from landfills or processed so far?

PS: To date, Blue Planet has processed over 13 million tonnes of waste across municipal, organic, plastic, and industrial streams. Not only do our systems divert waste, but they also unlock long-term environmental and social value. We have remediated more than 600 acres of landfills, making them viable for urban reintegration. With a daily processing capacity of more than 25,000 metric tonnes, our operations contribute to the annual reduction of 7.5 million tonnes of CO₂ emissions. We have safely disposed of over 1.7 million tonnes of refuse-derived fuel (RDF) and completed more than 25 landfill reclamation projects across India and Southeast Asia.

ET: From urban local bodies to industrial zones, where are your most transformative projects currently underway in India? Could you share 2-3 case studies that demonstrate scale and replicability?

PS: One of our largest projects is at Kodungaiyur, Chennai, where we are mining 4.4 million metric tonnes of legacy waste across 155 acres. Using patented technologies, ERP-based traceability, and full regulatory compliance, the project will reclaim valuable urban land and eliminate decades of environmental risk. Among completed projects, the Perungudi dumpsite reclamation in Chennai restored marsh-adjacent land and improved local air and water ecosystems. In Noida's Sector 54, more than 99,000 metric tonnes of waste were remediated to reclaim 4 acres, now repurposed for safe urban use. In Nagpur, we deployed a circular waste management system, integrating composting, RDF recovery, and recycling. Each case demonstrates how scientifically managed waste recovery can scale and adapt to diverse geographies.

ET: India generates over 62 million tonnes of municipal waste annually, yet less than 25% is scientifically processed. How do you view this challenge as an opportunity, and what's Blue Planet's playbook to unlock the remaining 75%.

PS: India's waste crisis is also its biggest opportunity to embed circularity in public infrastructure. At Blue Planet, we see the untreated 75% as a high-impact area where scalable, scientific systems can replace informal practices. Our integrated facilities combine composting, material recovery, RDF extraction, and landfill diversion, all supported by ERP platforms that ensure traceability and compliance. We prioritise decentralised infrastructure that is suited to cities of different sizes. Landfill mining helps recover land and cut long-term pollution risks, while partnerships with local authorities improve segregation at source. By combining technology, data, and on-ground collaboration, we are enabling cities to turn unmanaged waste into both economic and environmental value.

ET: How is Blue Planet engaging with MSMEs in the waste value chain, particularly in collection, segregation, or local processing?

PS: Our integrated facilities bring together collection, segregation, composting, and material recovery in one place, reducing operational gaps and ensuring compliance. While core systems are centrally operated, we partner with

regional players for logistics, maintenance, and handling of recovered materials. ERP-enabled tools provide real-time tracking across operations, creating accountability when multiple stakeholders are involved. On-ground projects also generate structured opportunities for local workers and ecosystem contributors.

ET: With India's 2070 net-zero targets and growing attention to resource security, what role will companies, such as Blue Planet, play in making sustainability commercially viable?

PS: Sustainability won't scale unless it is commercially viable. Our model ensures that waste recovery is both an environmental imperative and an economically viable option. Converting discarded materials into compost, alternative fuels, and recyclables reduces our dependency on raw materials and strengthens resource security. Our systems also cut carbon emissions by diverting waste from landfills and enabling circular supply chains. As India advances toward its 2070 net-zero goal, platforms like ours will be key to bridging sustainability with efficiency and economic impact.

(Source: The Economic Times; 29th September, 2025)

B2B plastic recycling startup Recove raises Rs 5.3 crore in pre-seed round led by Momentum Capital

The Bangalore-based startup, founded in 2024 by Viral Chhajer, Nirja Bhatt, and Sharan Subaiah, is building a B2B marketplace for plastic recyclables, designed to provide recyclers with supply chains and pre-processing infrastructure.

"This was our first round of fundraising, a pre-seed round. The capital was raised for three key purposes: first, investment in critical pre-processing infrastructure in Bangalore and other states; second, working capital to buy recyclable waste in smaller quantities across regions, aggregate it, and supply it to recyclers; and third, general corporate purposes," Viral Chhajer, co-founder of Recove, told ET.

The company is a B2B raw material procurement platform for the recycling industry, using technology to make the process more efficient. "It tackles two challenges — recycling waste into resources that can re-enter the economy and aggregating waste that is scattered across millions of homes so it can be collected, sorted, and prepared for recyclers," Chhajer added.

India generates municipal solid waste at an unprecedented rate due to urbanisation, rising incomes, and population growth. Although 40% of all solid waste is recyclable, less than 15% is effectively processed currently, according to the company statement.

In just one year, Recove claims to have streamlined procurement for more than 30 recycling companies nationwide, aiming to create a more efficient and reliable plastics recycling ecosystem across the country.

"We could be at a Rs 20 crore run rate by the end of the year. We're operationally profitable, generating healthy margins, and that's perhaps what made us attractive to a fund like Momentum," said Chhajer.

Momentum Capital has backed several climate-focussed ventures. The fund's portfolio includes a carbon-reduction technology company helping concrete manufacturers reduce their footprint. It has also invested in EarthEn Energy, which is developing thermo-mechanical storage technology using supercritical CO₂ for long-duration energy storage, which is vital for the renewable energy transition. Another portfolio company is working to replace polystyrene by producing mycelium-based packaging materials from crop stubble.

"We see an opportunity in waste recycling, and Recove is at the forefront of this crucial shift towards establishing a circular economy. India's rapidly growing municipal solid waste problem, combined with a strong push for recycling mandates, creates the perfect landscape for Recove," Ankur Shrivastava, managing partner at Momentum Capital, said.

(Source: The Economic Times; 25th September, 2025)

International News

Big plans for small packaging

Closed Loop Partners has established the Consortium to Recover Small-Format Packaging, and a recent report illustrates a viable pathway to recover these materials

In February, Closed Loop Partners' Center for the Circular Economy released a report on small-format plastic packaging recovery, revealing a pathway to recover tens of thousands of tons of small packaging materials from material recovery facilities (MRFs) and glass recycling plants across the United States.

The report builds on more than two years of market research and recycling tests in partnership with Maybelline New York and its parent company, L'Oréal Groupe, bolstered by the support of Kraft Heinz, P&G and Target.

New York-based Closed Loop Partners says that with the right equipment upgrades and reconfigurations, significant volumes of small-format packaging materials can be recycled rather than lost to residue.

For example, the company says upgrading the glass screen at a MRF resulted in a 67 percent relative reduction in mid-to-large-sized "small" plastics contaminating the glass. These small plastics that otherwise would have been discarded now are properly sorted and baled for sale.

Pertinent investments

According to Closed Loop Partners, the equipment needed to capture small-format recyclables depends on the what type of material a MRF processes, what existing equipment it has and the facility's physical footprint and capacity.

"Depending on these variables, a facility may need supplemental equipment to sort further by size, shape (2D versus 3D) [and] plastic resin type and may need, among other things, additional conveyor belts to recover small format plastics," Closed Loop Partners tells *Recycling Today*. "Small metals recovery typically requires equipment including an eddy current and drum magnet."

The investment needed to make these retrofits varies based on the material being targeted, ranging from a few hundred thousand dollars to several million dollars, and Closed Loop Partners says the equipment needed for small plastics recovery is more expensive than the equipment needed to recover small metals.

As brands work to meet waste reduction goals and achieve compliance with extended producer responsibility legislation, the opportunity to capture previously unrecovered small-format plastic packaging can have a significant positive impact, according to Closed Loop Partners.

The **Center for the Circular Economy** worked with Circular Services, a Closed Loop Partners company, to research small-format packaging recovery.

Circular Services operates more than 20 MRFs in the U.S. and manages municipal contracts in the cities of New York; San Antonio and Austin, Texas; and Phoenix. The center conducted what Closed Loop Partners describes as an "extensive, in-field process" to identify solutions for recovering small-format packaging. This included evaluating glass stream contamination at more than half a dozen U.S. MRFs that included collecting samples from two MRFs' glass streams and one glass recycling plant's residue streams, trialing equipment configurations to sort plastics from these streams and sending samples to reclaimers to test their processability and market value. The process was reiterated multiple times.

The report says many small-format plastic materials have significant market value, logistical solutions already exist to handle them, current technologies can be adapted to effectively recover portions of them at MRFs and glass recycling plants, market demand for these materials is strong and targeted investments at recycling facilities are needed to build a compelling, scalable business case to recover smaller materials.

"We have seen that many small-format materials can be incorporated into existing bales that include larger-format materials," Closed Loop Partners says of logistics. "When mixed with regular-sized materials, small-format items are often held in place by the larger materials within the bale, reducing the risk of displacement."

A wide array of plastics are used in small-format packaging.

“In our research, we found that the most common recoverable resins found in small-format packaging are polypropylene followed by high-density polyethylene and polyethylene terephthalate,” Closed Loop Partners says.

“However, many materials remain unrecoverable due to their multimaterial, multicomponent nature (e.g., plastic pumps with metal springs) or their low market value (e.g., film, black plastics). These challenges present new design opportunities for improved recyclability when it comes to small formats.”

(Source: *Recycling Today*, 5th September, 2026)

Reciprocal tariff scope now includes PET

Changes to tariff rates are unknown, but the move could affect U.S.-based recyclers.

A Sept. 8 expansion of President Donald Trump’s reciprocal tariff regimen now includes imports of virgin and recycled polyethylene terephthalate (PET), according to an **executive order announcement**.

Resin imported under harmonized system (HS) codes 3907.61 and 3907.69 now will face a higher duty after previously being exempted, though the specific rate has not been disclosed. Recycled PET (rPET) does not have its own HS code and falls under the same classification as its virgin counterpart.

The change could have an effect on domestic recyclers who have struggled amidst a multiyear influx of cheap virgin and recycled resin imports.

Sally Houghton, executive director of the nonprofit **PET Recycling Corp. of California**, tells *Recycling Today* that while the scope and duration of tariffs remain uncertain, the shift could “level the playing field and restore competitiveness” for California reclaimers, in particular, and possibly all domestic reclaimers.

“Due to the uncertainty, I am cautiously optimistic that the imposition of tariffs will increase domestic demand for rPET and provide some relief to the industry that is struggling to remain financially solvent,” she says, adding that two reclaimers have closed just this year. “I fear that others may follow due to the depressed state of sales that has endured for the past two to three years.

“The glut of cheap imports made it difficult for domestic reclaimers to compete, and this was compounded by high bale prices from 2024 to mid-2025 due to Mexico’s increase in capacity and bale demand.”

Houghton notes that since May, there has been a “significant change” with Mexico-based buyers backing off and bottle bale prices falling from around 29 cents per pound to about 11 cents per pound in early September. According to London-based commodities consulting firm ICIS, bales of colorless, hot-washed flake had fallen from nearly 60 cents per pound at the start of July to the 45-cents-per-pound range this month.

“Even with this relief in feedstock prices, the domestic industry, including Mexico, could not compete with the cheap imports of both rPET and virgin,” Houghton says. “Mandated content does not require the rPET to be domestically sourced, so end buyers chose the cheaper option, and packaging manufacturers opted to buy cheap virgin to lower their overheads.

“It will be interesting to see whether the tariffs change procurement choices and provide much-needed relief to the domestic reclamation industry.”

This summer, U.S. market observers noted that the price drop of PET bottle bales could even be considered a crash.

“What’s compounded this to make it a crash is the fact we’ve seen significant drawback in recycler demand for bale material,” Emily Friedman, the Houston-based senior recycled plastics editor at **ICIS**, told *Recycling Today* in July. “Some of that comes from facility closures. ... We’ve seen weakness from fiber recyclers because of weakened global fiber demand dynamics. And those who were historically large players in this market are now pretty muted.

“We’ve seen other recyclers who aren’t necessarily closing, but have made feedstock decisions in regard to tariffs, such as imported flake, that have left them in a position where they’re not in need of as much local material, or they placed

a bet that local material prices would fall if they stopped buying, and thus, it kind of initiated the market correction and the new lower prices we're seeing.”

A time of rising import activity

Of note, the U.S. recently **had been a net importer of plastic scrap** and brought in a record 250,961 tons of PET in 2024—a 23 percent increase over the then-record total imported in 2023, according to an ICIS report earlier this year. Plastic scrap imports include items such as used bottles, purge, leftover pairings and flake. Following a revision by the U.S. government earlier this summer, the U.S. no longer was considered a net importer on an annual basis.

Citing U.S. International Trade Commission (ITC) data **in a new report**, Friedman writes that imports of PET and rPET are 8 percent higher this year compared to the same period of 2024, totaling 910.6 million pounds in the second quarter alone—an increase of 11 percent year-on-year.

Friedman also writes that despite the large growth in comparison to last year, imports have slowed through the summer season, with June volumes totaling 286.5 million pounds, down 6 percent over the previous month.

Through the first half of this year, ITC data shows that Taiwan was the largest PET exporter to the U.S., making up 17.4 percent of the total, followed by Mexico (15.48 percent), South Korea (14.67 percent) and Thailand (10.40 percent).

Of the top countries exporting PET and rPET to the U.S., existing reciprocal tariff rates include 35 percent for Canada and 25 percent for Mexico for noncompliant USMCA goods; 20 percent for Taiwan and Vietnam; 19 percent for Thailand, Malaysia and Pakistan; 15 percent for Turkey and South Korea; and 10 percent for Oman.

Friedman writes that because of the change, imported flake prices could jump 8-10 cents per pound and imported pellets could rise as much as 10-14 cents per pound. Because tariff updates took effect immediately, cargoes currently in transit will be affected.

In a statement issued Sept. 8, the Washington based Association of Plastic Recyclers (APR) says, “The Commerce Department today ended the exemption for PET and rPET imports from reciprocal tariffs. U.S. PET recyclers are under heavy pressure from a surge of low-cost imported material and an oversupply of virgin plastic—pressures compounded by brands abandoning recycled content commitments in favor of virgin plastic and choosing imported rPET rather than sourcing from domestic recyclers.

“APR will continue to work with state and federal policymakers to create further incentives for brands and manufacturers to use recycled plastics sources from North American programs to ensure that U.S. recycling capacity grows and delivers on its promise to reduce plastic pollution and curb the production of new plastic.”

(Source: Recycling Today; 9th September, 2025)

EPR Academy aims to help companies navigate packaging EPR laws

Offered on demand, the course leverages extended producer responsibility experts to deliver accessible training.

Washburn Consulting Sustainability and Public Affairs LLC has launched the EPR Academy, a new resource designed to help companies stay compliant and understand emerging extended producer responsibility (EPR) packaging legislation.

The academy brings together leading experts in EPR policy and compliance to deliver accessible training and is now live and enrolling compliance managers, sustainability professionals and business leaders seeking to prepare for new regulatory requirements.

“EPR programs require companies to understand the rules, build internal systems, collect the right data and issue timely reports,” **EPR Academy** Executive Director and founder Michael Washburn says. “For many businesses, this is unfamiliar territory. The academy cuts through complexity, making requirements easier to understand and act on.”

EPR Academy sponsor Signalfire Group, a subsidiary of Ann Arbor, Michigan-based Resource Recycling Systems (**RRS**), says the academy aims to empower compliance managers, sustainability leaders and executives to navigate EPR laws through faculty, state specific guidance and practical compliance tools.

EPR packaging laws are already active in California, Colorado, Maine, Minnesota, New Jersey, Oregon and Washington, with additional states preparing legislation. Each state has distinct reporting timelines and requirements, and companies face mounting pressure to adapt, Signalfire Group says.

“EPR laws are reshaping how companies think about packaging and sustainability,” says Resa Dimino, managing principal at RRS and managing partner at Signalfire Group. “The academy brings together the best minds in the field to give compliance managers, executives and sustainability leaders the confidence to act.”

Offered on demand, the course can be completed in approximately four to six hours at one’s own pace, with the option to pause and return at any time. Participants may also take an exam to earn a certificate of completion, and enrollment includes ongoing access to a resource library with readiness checklists, regulatory updates, glossaries and links to state agencies and producer responsibility organizations (PROs).

“The EPR Academy is designed to meet compliance managers where they are,” says Garth Hickie, managing partner at Signalfire Group. “With straightforward modules and real-world examples, it demystifies regulations and provides companies with practical pathways to compliance.”

(Source: Recycling Today; 16th September, 2025)

FDA approves NextLoopp’s food-grade recycled polypropylene

The recycled polypropylene has been cleared for use across all food types and conditions ranging from frozen to high-temperature sterilization.

The U.S. Food and Drug Administration (FDA) has issued a letter of no objection for a proprietary recycling process for recycled polypropylene (rPP) by **NextLoopp**, a global project by London-based **Nextek Ltd**.

After a review of NextLoopp’s recycling process and feedstock controls, the FDA concluded that the system is expected to produce suitable purity rPP if the feedstock is sourced from compliant food-contact articles.

The letter, logged as Prenotification Consultation No. 3291, confirms the process meets requirements for direct food contact and authorizes NextLoopp’s rPP for use at levels up to 100 percent. It has clearance to be used across all food types and under Conditions of Use A-H, which ranges from frozen storage to high-temperature heat sterilization.

NextLoopp says it is continuing its progress with the European Food Safety Authority and is already able to place resin on the European Union and United Kingdom markets prior to the organization’s formal process.

“This marks a defining moment for food-grade recycled polypropylene,” says Edward Kosior, founder and managing director of United Kingdom-based consultancy Nextek. “It validates the scientific rigor of our technology and provides brand owners and converters with complete confidence to use NextLoopp rPP in direct food-contact packaging with all food types over a very wide range of usage conditions.”

(Source: Recycling Today, September 16, 2025)

CNG, Nova Chemicals partner to procure recycled polyethylene resin

This partnership aims to commercialize recycled polyethylene for sustainable flexible packaging.

Charter Next Generation (**CNG**), a Chicago-based sustainable material science solutions provider, is collaborating with **Nova Chemicals** for recycled polyethylene (rPE) for flexible packaging applications.

CNG and Nova Chemicals have entered into a long-term agreement to procure rPE resin under Nova Chemicals’ Syndigo brand. CNG says this postconsumer recycled (PCR) material, sourced from recycled film and plastic packaging, is now being integrated into its operations.

“We are excited to take this next step in our sustainability journey,” says John Garnett, senior vice president of technical, sustainability and innovation at CNG. “By commercializing PCR content into everyday packaging, we’re helping build a more circular flexible packaging economy—delivering high-performance specialty films and advanced materials that reduce virgin plastic use, lower greenhouse gas emissions and build a stronger end-market for PCR materials.”

CNG says this collaboration supports the growth of its GreenArrow portfolio, which includes recycle-ready, recycled content, compostable and low-carbon products, featuring applications in cereal bags, shrink film and household overwrap for items like napkins and paper towels.

“Our longstanding partnership with CNG is grounded in shared values: performance, consistency and a clear vision for a circular economy,” says Greg DeKunder, vice president at Nova Circular Solutions. “By combining our resin innovation with CNG’s manufacturing expertise, we’re advancing PCR adoption across the flexible packaging industry. It’s a powerful collaboration that brings together the strengths of both our SYNDIGO and GreenArrow brands.”

According to CNG, a key strength in the relationship between the two companies is the Midwest-based supply chain. CNG’s operational footprint across Wisconsin and Ohio aligns with Nova Chemicals’ facility in Connersville, Indiana, **which began production in early 2025**. The facility is expected to produce more than 110 million pounds of rPE annually.

“We’re proud to support the future of recycled content and deliver circular solutions to the flexible packaging market,” says Eric Smith, chief procurement officer at CNG. “This helps us deliver sustainable, regionally sourced materials that meet rising demand for PCR content. It’s a win for our customers’ film performance, supply chain resilience and the environment.”

(Source: Recycling Today; 11th September, 2025)

Commentary: The burden’s on us to prove that recycling is real (and plastics matter)

People need to see that recycling works, and the industry needs to meet them where they are with these true-life examples.

Let’s face it: the public doesn’t believe in recycling anymore.

Despite billions of dollars spent on the rollout of citywide recycling programs and public awareness campaigns, only 43 percent of Americans with access to curbside recycling **actually use it**.

Anti-plastic advocates have dominated the conversation, and the industry has adopted a reactive stance that allows the negative stories to outweigh the good ones. News stories show plastic waste floating in the ocean and full landfills outside city centers. Consumers read stories online about recyclables piling up on land and in shipping containers. They are left wondering if any of it makes a difference. That 43 percent adoption rate isn’t just a statistic; it’s a signal.

The plastics industry faces a trust gap. Many consumers doubt the industry’s commitment to environmental stewardship and the pursuit of a truly circular plastics economy.

Advanced and mechanical recycling are working in places, but people rarely hear about those stories. The plastics industry should be telling the public about the success stories from the companies and people doing it right. We must show the products made with recycled materials and demonstrate the science used to minimize waste and use as little energy as possible. We need to find new ways to collaborate as we work to craft new conversations around recycling.

People need to *see* that recycling works. Plastic materials like polystyrene *can* be collected, sorted, processed and turned into something new. People need to see it in action, in real life—not in a dry PDF report, not in a corporate press release, but in real-time on the platforms they use, such as Instagram, TikTok or YouTube Shorts. Attention spans are short, and we need to meet people where they are. That’s where trust can be rebuilt with the public. Not through slogans or empty promises, but through real, engaging, behind-the-scenes content that puts the truth on display.

It’s essential we listen to the perceived “downsides” of plastic production and encourage genuine conversations about these concerns and the industry’s role. Relying solely on “the science” is not enough. It is critical to highlight the “why” behind plastics: Why should consumers choose our products over alternatives? If people don’t fully grasp what they stand to lose, they will continue to advocate for other options.

We must show them, again and again, that plastic is the most sustainable and effective choice for consumers in many cases, period. It’s easy to vilify plastics until you’re in the hospital and need a sterile tube for oxygen. Having a plastic-free life sounds appealing until you’re shopping for food in a grocery store and realize very quickly how important plastic packaging is to the safety, hygiene and shelf life of food.

We must communicate these benefits to consumers. You can't wear a wooden bike helmet, for instance, and you wouldn't want to drive a car with a metal dashboard.

Without clearly communicating these advantages, we risk being mislabeled and misperceived by another generation of consumers.

But what if Gen Z knew that **in 90 percent of cases**, plastics had a smaller environmental footprint than glass, aluminum or paper? What if Millennials were talking to their Baby Boomer parents about how plastics will play a crucial role in achieving ambitious global decarbonization goals?

Plastics don't have to be the forever bad guy. We have to help consumers realize they shouldn't shut out an entire category of very useful materials given an unwillingness to look at them with an open mind. We have to bring transparency and urgency to the conversation. **We need to support community collection efforts** and advocate for government policy changes that make advanced and mechanical recycling centers possible and more visible.

The plastics industry aspires to a revival in public perception, similar to the one paper experienced in the 1980s. Aligning plastics with "sustainability" will single-handedly counter the current deselection efforts.

The truth is that styrenic plastics achieve what competing materials simply cannot. They have enabled modern conveniences, enhanced fuel efficiency in transportation, driven breakthroughs in medical device design and reduced food waste (a major contributor of climate change) by extending the shelf life of food products.

Just because a particular plastic application or material isn't under threat of being banned today doesn't mean its safe tomorrow. The reality is that many NGOs, or nongovernmental organization, are pushing actively for a future with significantly reduced or even eliminated plastics. This isn't a fringe perspective; it's a fast-growing movement gaining real momentum.

The plastics industry needs to act now. We can't afford to be complacent or to assume that innovation alone will shield us. We need collective action, unified messaging and a proactive stance. The future of plastics, as a sustainable, viable material, depends on the steps we take today. Let's pull in the same direction before decisions are made for us.

(Justin Riney is the Commercial Sustainability Manager at INEOS Styrolution America. He actively shares insights and conversations surrounding the evolving plastics landscape.

(Source Recycling Today, September 16, 2025)

NEW MEMBERS ENROLLED

Sr. No.	Name of Unit / Company & Names of Representatives	Manufacturers / Traders & Contact Numbers	Introduced by
LIFE MEMBER			
1	L-820.KEMCO CORPORATION Office 131 & 132, H Wing Raj Arcade Mahavir Nagar, Kandivali West, Mumbai, Maharashtra 400067 Rep: Shri Meet Sanghvi Shri Mukesh Randeria	Off. 91-22-40069740 Mob. 8104394173 E-mail: kemcocorp@gmail.com Web: www.kemcocorporation.com	Shri Rakesh Sachdeva M/s Sachdeva Polycolor Pvt Ltd

NEWS IN BRIEF

New GST rates from September 22

The new Goods and Services Tax (GST) rate list came into effect from midnight today. As per the revised GST structure announced earlier this month by the GST council, nearly 400 goods and services, including food items, automobiles, electronics, medicines, and insurance will become cheaper from today. From food and insurance to cars, electronics, medicines, and hotel stays, consumers will see reduced tax on a wide range of goods and services.

The GST Council's reform has reduced the earlier four-slab structure to just two rates, 5 per cent and 18 per cent. A special 40 per cent rate will continue to apply to a limited set of luxury and sin goods. Most household items, cars, two-wheelers, and televisions will now attract lower tax. Several food items such as roti, parantha, paneer, and khakra have been moved to the nil or 0 per cent bracket. Health and life insurance premiums are exempt from GST under the new regime. However, not all goods have become cheaper. For instance, clothes priced above Rs 2,500 will now attract 18 per cent GST compared to the earlier 12 per cent. Some other categories also fall under higher tax rates.

Indian Exporters Advised to Leverage India–UK CETA for Growth, MSMEs Urged to Tap New Markets

The Directorate General of Foreign Trade (DGFT), Regional Authority Delhi, under the Ministry of Commerce & Industry, hosted an outreach programme on the recently concluded India–UK Comprehensive Economic and Trade Agreement (CETA) at Bharat Mandapam, New Delhi.

Themed “Gateway to Growth: Harnessing Opportunities under India–UK CETA”, the event brought together senior government officials, diplomats, Export Promotion Councils (EPCs), industry leaders, and trade associations to deliberate on the transformative potential of the Agreement for Indian exporters.

Chairing the programme, Director General of Foreign Trade & Additional Secretary, Ministry of Commerce & Industry, Shri Ajay Bhadoo, underlined the strategic significance of CETA in expanding India's footprint in the UK market. He highlighted tariff concessions, simplified market access provisions, and the scope for Indian MSMEs to integrate more strongly with global value chains.

Joint Secretary, Department of Commerce, Shri Saket Kumar, provided the background and strategic context of the negotiations, emphasising the government's commitment to creating new opportunities for Indian industry.

Adding the UK government's perspective, Deputy Trade Commissioner, South Asia, British High Commission in India, Ms. Anna Shotbolt, described the Agreement as a “milestone in bilateral trade ties” and encouraged Indian exporters to align with sustainability and quality standards to capture premium segments of the UK market. Minister (Economic), High Commission of India in London, Ms. Nidhi Mani Tripathi, shared practical insights on emerging opportunities for Indian businesses in the UK, particularly in food, textiles, and services.

The event placed strong emphasis on sectoral perspectives through active participation from India's leading Export Promotion Councils. Chairman, APEDA, Shri Abhishek Dev, highlighted the growing demand for Indian agri and processed food products in the UK, noting that CETA provides a gateway for India to tap into niche categories such as ethnic foods, organic produce, and ready-to-eat products. Director General, FIEO, Dr. Ajay Sahai, stressed the importance of multi-sector opportunities, urging exporters to look beyond traditional markets and adopt digital tools to reach UK buyers more efficiently.

On the services front, Chairman, ESC, Shri Veer Sagar, highlighted how India's IT and knowledge-based services can gain a sharper edge under the Agreement, while Director, SEPC, Ms. Swati Saraf, noted the potential for creative industries, education, and professional services to diversify India's services exports to the UK.

From the manufacturing and creative sectors, EPC leaders drew attention to their industries' strengths. Vice Chairman, GJEPC, Shri Shaunak Parikh, spoke

about positioning India's gems and jewellery in the UK's luxury retail landscape, while Additional Executive Director, EPCH, Shri Rajesh Rawat, highlighted how handicrafts and carpets can carve out niche spaces in premium UK markets. Executive Director, EEPC, Shri Adhip Mitra, underscored the potential of engineering goods and auto components, stressing innovation and compliance as keys to success. General Manager, AEPC, Dr. Saurabh Kumar, emphasised India's competitiveness in apparel and textiles, noting how CETA can boost exports if exporters align with sustainability and ethical sourcing standards.

The dialogue was further enriched by buyers' perspectives, with General Secretary, Buying Agents Association, Ms. Anchal Kansal, stressing the importance of supply chain transparency and timely delivery in sustaining trust with UK buyers. The UK India Business Council (UKIBC) and HSBC also shared their views on fostering industry collaborations and building resilient supply chains to deepen India-UK trade.

The programme concluded with an interactive Q&A session with exporters, followed by closing remarks from Additional DGFT, CLA New Delhi, Smt. Vrunda Manohar Desai, who expressed her gratitude to the speakers and participants while reiterating DGFT's commitment to supporting Indian exporters in leveraging CETA effectively.

The outreach programme, compared by Asst. DGFT, Shri Hemant Kumar, marked a crucial step towards strengthening India-UK trade ties and positioning Indian exporters to make the most of this landmark Agreement.

(Source: PIB; 29th September, 2025)

स्टाम्प ज्यूटी कितनी बार भरे ? एक समस्या जो आज हरियाणा में शुरू हुई है – जो कल पूरे देश में फेल जायेगी– यदि हरियाणा सरकार ने कोई कदम ना उठाया?

स्टाम्प शुल्क कितनी बार भरे ? हरियाणा के बहादुरगढ़ में कम्पनी में HSIIDC से प्लाट लेकर रजिस्ट्री करवाने के बाद – कम्पनी प्राइवेट लिमिटेड से एल एल पी या लिमिटेड करने पर HSIIDC 100 रु के स्टाम्प पेपर पर declaration डीड रजिस्टर करवा के माँगती है।

परन्तु तहसील वाले declaration डीड करने के बाद दुबारा आज के रेट पर स्टाम्प ज्यूटी की मांग कर रहे हैं।

- 1). क्या declaration डीड – प्रोपर्टी की सेल-परचेजिंग की हुई है ? – नहीं।
- 2). यदि इसे सेल परचेजिंग माना जाता है – तो declaration deed बिना स्टाम्प ज्यूटी के तहसील वालों ने क्यों की ?
- 3). आज ये दुबारा स्टाम्प ज्यूटी माँग रहे हैं – क्या स्टाम्प ज्यूटी भरना आसान है? इस पर सरकार व अधिकारियों को चाहिए कि वह इस तरह की declaration deeds करे ही नहीं – या जो declaration deeds हो गई है उन्हें कौंसिल कर दे।

हरियाणा के ही मानेसर व कुंडली व अन्य क्षेत्रों में इस तरह की declaration रजिस्टर डीड बिना भ्रष्टाचार के हो रही है। पर अब पूरे हरियाणा में सभी को इस पर स्टाम्प ज्यूटी जमा करवाने के नोटिस मिल रहे हैं।

आज ये समस्या हरियाणा में हुई है कल देश के हर राज्य में ये परेशानी व्यापारियों को होगी।

मेरा अनुरोध है हर नेता से, अधिकारी गणों से, देश भर की एसोसिएशन से विशेषकर हरियाणा सरकार के मंत्री व अधिकारी व भारत सरकार व बहादुर गढ़ फुटवेयर पार्क एसोसिएशन व BCCI के सदस्य इस विषय पर कदम उठाये व समस्या का समाधान करें।

कृपा न्याय कीजिए ओर इस समस्या पर अंकुश पर लगाये।

तरुण बंसल

फोन – 9811530017

AIPIA wishes you and your family a very Happy and Prosperous Diwali. May this festival of lights bring joy, success, and endless opportunities to your business and life.

Shubh Deepavali!



Warm regards,

President / Office Bearers /Executive Committee Members



ALL INDIA PLASTIC INDUSTRIES ASSOCIATION

ADVERTISEMENT TARIFF & MECHANICAL DATA FOR

PLASTIC WORLD DIRECTORY-2026

I. TARIFF FOR COVER PAGES	RATES
Front Cover (with Side Panel) – Four Colour	80000 + 18% GST
Front Inside Cover – Four Colour	35000 + 18% GST
Back Cover – Four Colour	42500 + 18% GST
Back Inside Cover – Four Colour	30000 + 18% GST

II. Four Special Pages after Cover Pages: + 18% GST

(1)=Rs.28,000/- (2)=Rs.16,000/- (3)=Rs.14,000/- (4)= 14,000/-

III. Page No. 1 = Rs. 15,000 +(18% GST)	Page No. 3 = Rs. 13, 000/- + (18% GST)
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IV. Specific position of advertisement in 4 colour on art paper before “FOREWARD” (Subject to availability)

1. Inside Full Page – Right Position	Rs.11, 000 + 18% GST
2. Inside Full Page – Left Position	Rs. 9, 000 + 18% GST
3. Inside Full Page-Two Colour (On Art Paper)	Rs. 4, 500 + 18% GST
4. Inside Full page (Black & White) {ordinary paper}	Rs. 2, 500 + 18% GST
5. Half Page B/W on ordinary paper	Rs. 1, 600 + 18% GST
6. Running Stripes at the top, middle, bottom	Rs. 1,000**+ 18% GST

Special Note: An Incentive of 10% on the Tariff shall be extended to all advertisers who make ADVANCE PAYMENT. (LAST DATE 31.10.2025)

MECHANICAL DETAILS

Advertisement Pages	Print Area
1. Front Cover	15 cm (V) x 15 cm (H)
2. Back Cover and all rest full pages	20 cm (V) x 15 cm (H)
3. Half page	10 cm (V) x 15 cm (H)
4. Running Stripes	5cm(V) x 15 cm (H) **

Bank Details: ALL INDIA PLASTIC INDUSTRIES ASSOCIATION

Name of the Bank: BANK OF INDIA, Br. Ashok Vihar

Saving Account No. 603110100005876, IFSC Code: BKID0006031

GST No.: 07AAAAA0915D1ZI

Note:

- All printing process on offset
- All payments may be made in advance through Bank transfer/DD/local cheques payable at Delhi/New Delhi drawn in favor of **All India Plastic Industries Association**.
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ALL INDIA PLASTIC INDUSTRIES ASSOCIATION

MEMBERSHIP FORM

GSTIN No. : 07AAAAA0915D1ZI

The General Secretary

All India Plastic Industries Association

203, Hansa Tower, 25, Central Market

Ashok Vihar, Delhi-110052

Phone : 011-49064336, Mob. 9999481273

E-mail : aipiadelhi@gmail.com, aipia1982@rediffmail.com

Website : www.aipia.org

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MEMBERSHIP	AMOUNT INCL. ADMN. FEE.	GST 18%	HSN CODE	TOTAL AMOUNT
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ANNUAL	3,500/-	630	9995	4,130/-

Membership Fee can also be deposited in Association's Bank account as per details given below :

Name: ALL INDIA PLASTIC INDUSTRIES ASSOCIATION

Name of the Bank: BANK OF INDIA (Ashok Vihar, Delhi-110052)

Saving Account No. 603110100005876

IFSC Code: BKID0006031

The particulars of our unit are furnished below:

Name of the Unit.....

Address.....

Telephone No. Office.....Factory.....Res.....

Mobile No.....E-mail.....Web.....

Branch Office, if any, with Address.....

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Nominee Representative of the Unit (1)..... (Date of Birth).....

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ii. Name of the Proprietor / Partners/Directors

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Date.....

Introduced by(Signature)

(Name and address)

Signature.....

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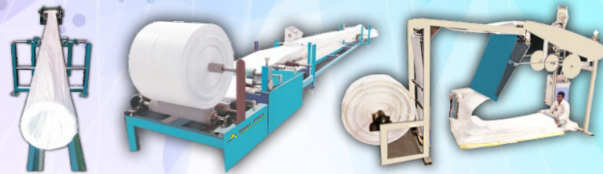
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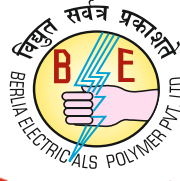
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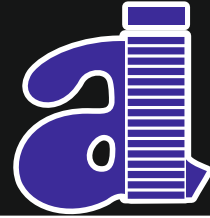
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