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Modern Plastics India, India

Plastics recycling opportunities and challenges in India: Waste to wealth and “5rs” in plastics recycling

India faces major environmental challenges associated with waste generation and inadequate waste collection, transport, treatment and disposal. Current systems in India cannot cope up with the volumes of waste generated by an increasing urban population and this impacts on the environment and public health. The challenges and barriers are significant but so are the opportunities. India currently has no official systems for collecting and recycling plastic waste; nor are there overarching initiatives by private or public sector. Waste is collected and recycled very efficiently: waste pickers scour municipal dumps and later sell plastic items to small local plastics processors or recyclers. It is estimated that millions of tonnes of plastic waste is reclaimed this way every year. Plastic recycling in India is highly efficient but potentially hazardous. How big is plastics industry in India? India wants to double consumption of Plastics in next five years, what about its plastic waste? Main challenges is complexity and lack of transparency of the informal recycling system. Amount of plastic waste recycled, recovery of plastic waste, let us learn the “5rs” in plastics recycling growth of mega cities will need more recycling from the starting of the development. Where the plastics waste goes? saving of landfill space: let's give second life to plastics waste. What are the opportunities for recycling machine manufactures or technology providers? Lack of technology and high cost for the recycling machines and technology. Opportunities for packaging and carry bags recycling in India and globally.

Biography

Ginu Joseph is the Founder of Modern Plastics India and Managing Director of Chrysoprase Multimedia & Services Pvt. Ltd. He is a Editor in Chief since 18 years and a Business Consultant. He is a Leader with multi dimensional business ventures in Media and Communications, Public Relations, Consultancy, Marketing, Advertising and Promotions, Exports. He is also into corporate training and a Business Development Strategist. He is also into TV and News Media Production. His expertise in documentaries and short films for even state governments has impacted lives on a massive scale. He is the first Indian Vice President for German Indian Plastics Polymer e. V (GIPP). Further, he is the advisory board member for many international plastic exhibitions. Added to that, he serves as a Committee member for Environment and Plastic Image Committee, PlastIndia Foundation. He is involved in the intermingling of German and Indian cultures through a small association as well.

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