



## Concept Note

### WEBINAR 3

**Date: 16<sup>th</sup> May 2020 | 14:30 – 17:00 hrs**

#### Theme:

Activities and Best practices to counter plastics litter by sustainable waste management and circularity.

#### Background:

Plastics have the potential to be better managed at end of life of products and components. To increase material circularity, leakage of plastic from the human technosphere must be reduced, and ultimately prevented. This requires right policy intervention, effective implementation of rules, good depository schemes to enable organized collection of plastic waste, appropriate product design to enable recycling, other novel treatment and disposal options, and alternatives to plastics to be provisioned as part of the scope for sustainability initiatives.

#### Objective:

Issues and challenges of linear plastics economy and exploring prospects for Circular Economy via innovative techno-economic solutions and approaches for redesigning the value chains.

#### The session shall cover the following topics:

- Snapshots of Findings of macroplastic assessment during clean up exercise.
- Collection and channelizing plastic bottle recycling via reverse vending system.
- Grass root waste management enterprise creation in the ecosystem- A case study.
- Case study - Garbage Cafe, a depository scheme for collection of the plastic waste.
- Value Creation from single use plastic waste- Novel initiatives of Indian Oil Corporation Ltd.
- plastics recycling as an important link in achieving circularity.
- Plastic Credit Units, Its benefits, Exchange Ecosystem to be used for sustainability, Dynamic pricing mechanism for fulfilling compliance and its social and financial impact on the industry. and consumer / people behaviour.
- Evolving EPR framework in plastics management.
- Value Creation from single use plastic waste- Novel initiatives of Indian Oil Corporation Ltd.
- Multi Layer plastic management -post consumer disposal.
- Use of Waste Plastic for Bituminous Road.
- FMCG initiatives in plastics circular economy in India.
- Technical specification for Co processing of plastic waste in cement kiln and Constraints faced.
- PWM Rules and their implementation scenario - status and prospects.
- Standardising Recycled Plastic material and products.
- Waste to Energy from Plastics.
- ULB initiatives for promoting plastics circularity.
- Flexible packaging - scope of biodegradation.

#### Expected Outcome:

Recommendations for bringing circularity through sustainable waste management to minimize plastic waste and littering in Indian conditions.