

## **Sustainability is the major trend and requirement going forward in Plastics Manufacturing**



**Sunil Panwar- CEO of Symphony Environmental India**

### **1)What is Symphony Environmental’s strategy in the case of sustainability and innovation?**

- To provide smarter & sustainable solutions for the plastic waste problem caused by the single use plastics using our global d2w<sup>®</sup> additive technology which makes consumer plastic waste biodegradable without leaving any heavy metals, microplastics or eco-toxicity.
- To manufacture our d2w<sup>®</sup> & d2p<sup>®</sup> products in India. d2w<sup>®</sup> is already being manufactured in India.
- To bring innovative technology for sustainable plastic to the Indian customers and provide the required technical support and testing facility.

### **2)What is the difference between d2w and d2p technology?**

d2w<sup>®</sup> – With over 25 years’ experience in helping our customers to improve their products to the highest environmental standards. Symphony’s d2w<sup>®</sup> biodegradable plastic technology offers an environmentally responsible solution for your plastic product, film or packaging.

d2p<sup>®</sup> – d2p<sup>®</sup> (designed to protect) is a family of specialist masterbatches, including antimicrobial, insect repellent, anti rodent masterbatches, odour and ethylene adsorbers and flame retardants designed to protect and enhance plastic products.

### **3) Why is there a need to rethink the future of plastics (*Define the overall strategy that can help in improving the Environment*)**

- Single use plastic, which does not biodegrade is a global problem. In fact, how the consumer plastic is manufactured, consumed and managed post its useful life needs to change. Plastic has become a victim of its success as an economical packaging alternative which can be recycled and converted into a new useful product multiple time. The future of this versatile material is good provided it is redesigned in such a way that material will take care of itself even after it doesn’t get recycled.

- We make plastic sustainable by ensuring 100% biodegradation after the usage life ends. This is done by adding 1% d2w<sup>®</sup> in the form of masterbatch at the time of manufacturing.

#### **4) What are the future trends of Plastics Manufacturing?**

- Sustainability is the major trend and the requirement going forward in plastics manufacturing.
- Whether its being produced for industrial or consumer purpose, we need to increase the rate of recycling.
- Reuse as much as possible
- Reduce the usage where ever possible
- We provide an insurance policy with our d2w<sup>®</sup> that in case it does end up as single use plastic waste, the technology will make it self-sustainable by making it 100% biodegradable on land and in water.

#### **5) What is Symphony Environmental's vision for next 5 years?**

- Contribute in making India free of Single Use Plastic waste
- To have a distributor base covering every part of India
- To manufacture a complete range of products within India
- Setup a global R&D facility in India

#### **6) Which are the most promising present and future markets? Your expectations in terms of brand visibility at PLAST INDIA 2023?**

- Every market is equally important since this is a shared problem at a global level.
- Symphony Environmental is a global company already offering products in over 100 countries. In India, we are offering customized solutions suitable for Indian conditions.
- Symphony Environmental India will take care of Indian market as well as cover our neighbouring countries like Bangladesh, Sri Lanka, Nepal, Bhutan & Myanmar.

#### **7) Symphony Environmental's message to the citizens of India**

- Segregate your waste at the origin
- Do not litter
- Deposit recyclable waste in a responsible way
- Educate our children from early age to become responsible citizens. Do not litter and responsibly discard the solid waste so that organic wet waste can be converted into compost and recyclable waste gets segregated so that it can get reused by converting into other useful products.