

## **Topic 1 – Vision 2030 The next generation of food packaging.**

### **Envisioning 2030 – Overcoming the challenges of food packaging – Designing for full life cycle and sustainability.**

What will food and the materials used to package will look like in 2030? What role will sustainability play? Will consumers be driven by convenience or are they looking for experiences – or will they want to make a statement with their consumption choices? Will the need for packaging dramatically decrease as consumers are drawn to package-free shops? Hear from the panel of experts on how to tackle these design challenges and gain insights into how smart packaging solutions can deliver more value to customers and consumers.

- Consumer behaviour and attitudes
- Packaging trends
- Places of purchase and consumption
- Recycling and regulation
- Implications for the food packaging value chain
- Innovation and trends in food packaging
- How technology innovation can help businesses, Government and communities shift to an inclusive circular economy faster and more efficiently?
- Increase investments in effective integrated solid waste management systems and infrastructure
- Strengthen governmental policies, regulations, and commitments for a circular plastics economy
- Rethink current delivery models and invest in innovation, pilots, and demonstration projects
- Sustainable or green packaging alternatives
- The use of biomaterials including agri-food wastes for packaging application.

## **Topic 2 - Digitisation, Automation & Connectivity: Unlocking the value of digital transformation in packaging industry. / Packaging the future with automation.**

The packaging industry is also undergoing a profound transformation, with brand owners shaking its value chain. Digital trends are changing the dynamics in the packaging value chain. Automation continues to bring benefits to all areas of value chain. In this session, you will hear how full traceability, digitalization and new approaches to inspection & packaging can support adherence to regulatory requirements and timely delivery of product.

### **Session Highlights:**

- Collaborative Robots (Cobots)
- Robots without protective barriers
- Artificial Intelligence
- Data Mining
- Diverse robotic laws and standards across the world
- Automatic methods to release defect free products
- How digital transformation is influencing product packaging.

### **Topic 3 - Riding the wave – responding to ecommerce surge in a sustainable way**

Growth of e-commerce has been hugely speeded up due to pandemic, which led to the customer shopping behaviour switched from in person to online. More packaging used and hence more waste generated. how the e-tailer managed the increased packaging waste and what the rest of value chain can do to support.

### **Topic 4 - From Design for recyclability to closing the loop: The Future of Flexible Packaging.**

The growing demand for sustainable production has seen the flexible packaging industry turn towards the circular economy to deliver environmental improvements without compromising on the functionality of its products – but developing the necessary solutions has not been so straight forward.

- Sustainability of flexible plastic packaging
- Is flexible plastic packaging recycling a possibility?
- Innovation for the sustainability of flexible plastic packaging
- Guidelines for flexible packaging in circular economy
- Understand/Map flexible packaging market

### **Topic 5 – Insight: Future of Digital - Will digital reign in the printing arena?**

In this session of Digital Print for Packaging, leading brand owners will discuss the changing landscape of packaging, and how digital printing is providing new opportunities to leave a lasting impression on consumers.