



Sustainable
packaging

19 October 2023 - 09:00-11:00

NEW MATERIALS, TECHNOLOGIES AND REGULATIONS FOR THE PACKAGING OF TOMORROW



Packaging must serve critical functions including protection, preservation, distribution, and advertising. Food packaging represents more than 66% of total packaging produced. For this reason, its sustainability cannot be measured only by its biodegradability. The resources needed for its development, such as the distance its weight must travel or the recyclable nature of its material, should be considered. Plant-based plastics, compostable materials, biomass, edible wrapping, etc. What are the most innovative and sustainable solutions in food packaging?

Agenda

- 09.00 **Welcome & General Introduction** of the workshop, including the 2 Master Classes by Mònica Riera, Packaging Cluster
- 09.05 **Presentation of the overall theme** by Lorena Rodríguez, Packaging Group Leader, AIMPLAS

AIMPLAS is a technology center with 30 years of experience in the plastics industry. We provide solutions to companies throughout the value chain, from raw material manufacturers to plastic processors and end users.

Our purpose is twofold: we add value to companies so that they can create wealth and provide employment while we work to solve the challenges facing the use of plastic in today's society in order to improve people's quality of life and ensure environmental sustainability.

Presentation by Food Manufacturing Centre of Innovation @ Republic Polytechnic by Dawn Ong and Samuel Aw

Republic Polytechnic (RP) is a post-secondary education institution and statutory board under the purview of the Ministry of Education in Singapore. Established in 2002, RP is renowned for its sports science programmes. It is also the first and only polytechnic in Singapore to use the problem-based learning (PBL) pedagogy for all of its programmes.

The Republic Polytechnic-Wilmar Innovation Centre is a 400 square-meter facility comprising two key areas: a food application space equipped with food processing capabilities to facilitate R&D; and a food texture laboratory dedicated to the study of physical properties and behavior of food products under specific conditions.

- 09:45 **Introduction Master Class 1 “Advanced bioplastics and other material for food and consumer preferences towards sustainable packaging solutions”** by Moderator Susanne Baden Jørgensen, Food & Bio Cluster Denmark
- 09.50 **“Old Printing Company with New Ideas”** by Jens Bladt, Sales Manager, KLS PurePrint A/S
- After many years of work with traditional printing techniques an ambitious vision emerged in the boardroom – “The worlds greenest printing house!” KLS PurePrint is both a printing and packaging company and is Cradle to Cradle Certified Gold*
- We manufacture a very wide variety of food packaging, including packaging for organic, vegetarian, and vegan products The Cradle-to-Cradle certified packaging is a client’s guarantee that the manufactured packaging is safe for both people and the environment. The packaging is further biodegradable and compostable. We call it PurePrint. In cooperation with Unilever and Daka ReFood, we have, amongst other things, developed a food waste box called “TreatBox” that is meant to be the next generation doggy bag. As our board is approved for direct food contact, food may be transported home directly in the box.*
- 10:00 **“Creation of Functional & Sustainable Packaging for a Better World”** by Dr. Pongsuda Phumathon Pongtanya, Managing Director, DeltaLab SL member of SCGP Packaging
- SCGP Packaging is a leading multinational consumer packaging solutions provider. They offer innovative products & services that enable their broad and diversified product offering and ancillary services such as fiber packaging, performance and polymer packaging, foodservice products, and pulp and paper products. SCGP inspires the new way of living to enrich lifestyle of people, society and environment while placing emphasis on environmental, social and governance (ESG) aspects.*
- 10:10 End of Master Class 1
- 10:20 **Introduction to Master Class 2: “Food packaging regulations”** by Moderator Mònica Riera, Packaging Cluster
- 10.25 **“EU packaging laws to foster the circular economy”** by Axel Darut – Minderoo Foundation – Advocacy & Engagement
- Axel Darut is a seasoned legal expert specializing in regulatory markets. With extensive experience in international affairs, he has dedicated much of his career to the field of Extended Producer Responsibility (EPR). Currently, Axel is actively engaged in the Minderoo Foundation's "No Plastic Waste" initiative. In his upcoming presentation, he will provide valuable insights into the current regulatory landscape in Europe. He will shed light on the introduction of these regulations and their role in promoting a circular economy.*
- 10.45 Q & A and reflection by the Moderators End of the Thematic Workshop

11:00 End of the Thematic Workshop. (If any matchmaking meetings please go to your profile at the Community Platform).