

PLASTIC FREE WORLD

CONFERENCE & EXPO

27/28 JUNE 2019

KAP EUROPA, FRANKFURT MESSE



REDUCE



REPLACE



RECYCLE

INDUSTRY SOLUTIONS FOR A WORLD FREE FROM PLASTIC WASTE

Technical innovations & bio-based solutions to help companies
tackle plastic waste and lower their plastic footprint

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BREAK (10:15-10:45)

**10:45 - Plastic packaging stewardship strategy at Nestlé Waters**

The plastics used in food and drinks packaging are safe and durable, but this durability creates challenges of waste and pollution. Today, only one in two plastic bottles is collected for recycling, which has to change. At Nestlé Waters, we want to lead by example. In order to boost a circular economy for our bottles, we're working to minimize our environmental footprint through the way our packaging is made, recycled and the material re-used. We are also working on alternative delivery solutions to reduce the amount of plastic packaging used. And we also want to help our partners, stakeholders and consumers do their bit, too.

Carlo Galli: *Head of Sustainability, Nestlé Waters, Switzerland*

**11:10 - Breaking down the paradigm of flexible plastic packaging**

TIPA's packaging concepts encourage a true circular economy with solutions that break down into pure compost in exactly the same biodegradation process as organic waste. Importantly, though, TIPA's smart proprietary blend of compostable polymers emulate plastic in mechanical properties such as durability, flexibility, transparency, shelf life, sealing strength and more, while seamlessly fitting into existing manufacturing processes.

Daphna Nissenbaum: *CEO, TIPA, Israel*

**11:35 - The beverage cans are ready for a circular economy**

Global resources are limited, but society's demands are increasing. This makes managing resources efficiently a top priority. Public perception has markedly changed recently as the media coverage of plastics' impact in particular on the environment putting increasing pressure on business and governments to take further action. Beverage cans have long been leaders in recycling because the metal is a valuable permanent material that can be recycled again and again, without losing any quality of its structural integrity.

Marcel Arsand: *Sustainability Manager – UK and Nordics, Bell Beverage Packaging Europe, UK*

LUNCH (12:00-13:15)

Reducing reliance on plastics through forward-thinking sustainable strategies

– Moderated by Helen Bird

**13:15 - R&D to commercialize an economically viable and fully biodegradable straw**

Petroleum-based plastics and their toxins are increasingly contaminating our rivers, oceans and soil. Recent estimates suggest that 5.2 trillion pieces of plastic already contaminate the world's oceans. As plastic degrades it micronizes, resulting in food, water and air contamination of increasingly smaller fragments of plastic. We have increasing evidence of the health implications of micronizing petroleum plastics on human and free-ranging animal health. Our recent findings in combination with some pertinent literature on the health risk of ingestion and inhalation of micronizing plastic will be discussed.

Branson W. Ritchie: *Director, Technology Development & Implementation, New Materials Institute, USA*

**13:40 - Using plastic-free zones to deliver our purpose**

Hear how the much-publicized Thornton's Budgens became the first supermarket in the UK (and only the second in the world) to deliver 'Plastic Free Zones', with more than 1,800 plastic-free products available to customers in +15 zones in-store – and in just 10 weeks!

Andrew Thornton: *Owner, Thornton's Budgens, UK*

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16/17 JUNE 2020

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