

Due to the COVID-19 pandemic, the first edition of the Circular Nonwovens Forum will be hosted online.

The first edition for the Circular Nonwovens Forum will take place on the 13th of October. The 2 hours webinar will feature an outstanding programme with a keynote speech, followed by 4 presentations and concluding with discussions with the speakers in break-out sessions.

SHAPING TOGETHER THE CIRCULAR ECONOMY FOR NONWOVENS

13.00 > 13.05

Opening and Welcome Address



Pierre Wiertz, General Manager, **EDANA** (Belgium)

13.05 – 13:25

THE NEW CIRCULAR ECONOMY ACTION PLAN



KEYNOTE SPEECH

Paola Migliorini, Deputy Head of Unit ENV.B1 “Sustainable Production, Products & Consumption”, **European Commission** (Belgium)



MODERATOR

Gil Stevens, External Relations & Sustainability Director, **EDANA** (Belgium)

13:25 – 13:40

ADDRESSING CIRCULARITY OF AHP PLASTIC WASTE THROUGH MECHANICAL & FEEDSTOCK RECYCLING



- Address the circularity of AHP plastic waste through the integration of mechanical and feedstock recycling sources when working together with brand owners
- Looking closer at both mechanical and feedstock recycling options for the hygiene market and introduce recent innovations and partnerships to advance the production of circular polymers using feedstock recycling
- The process of breaking down mixed waste plastics to manufacture new polymers



Abby Turner, Senior Marketing Manager - Dow Health and Hygiene EMEA, **Dow** (Switzerland)

Eduardo Alvarez, Application Technology Leader - Dow Health and Hygiene EMEA, **Dow** (Switzerland)



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#EdanaNonwovens
#CircularNonwovens

13:40 – 13:55



RENEWABLE PP FOR NONWOVENS

- Renewable Polypropylene (PP) originating from 2nd generation renewable feedstock
- Improved sustainability of product using renewable PP
- PP is one of the main materials being used for nonwovens in hygiene and other areas - spunbond and meltblown grades with renewable PP inside
- Improved sustainability of your product using renewable PP



Gustaf Tobieson, Application Marketing Manager, **Borealis** (Sweden)

Stephan Roest, Strategic Business Platform Leader Circular Economy Solutions, **Borealis** (Austria)

13.55 – 14:00

Coffee Break

14:00 – 14:15



BIODEGRADABILITY AND COMPOSTABILITY OF NONWOVENS - FROM STANDARDS TO CERTIFICATION WITH FOCUS ON WET WIPES

- The applications of single use nonwoven fabrics, such as wet wipes, cloths and applications are manifold and recovery for reuse or recycling is sometimes not very practicable to date for waste management systems and for hygiene and safety issues
- One of the possible options is compostability / biodegradability, whether industrial or domestic. This possibility is regulated internationally by regulations and technical standards harmonized at continental level and connected at certification level
- Compostability in the context of scientific concept, international technical standards, tests & approach to certification schemes



Andrea Vittadello, Sustainability Project Manager, **Mérieux NutriSciences** (Italy)

Enrico Nieddu, Director of the Science Center, **Mérieux NutriSciences** (Italy)

14.15 – 14:30

INNOVATIONS IN CIRCULAR MATERIALS FOR NONWOVEN APPLICATIONS

- Amongst UN's Sustainable Development Goals, one of the means of achieving sustainable consumption is the recycling of textile waste into fibers
- Viscose is a choice of material due to excellent moisture management property and biodegradable nature; particularly for single-use applications like wipes
- Recent development in commercializing viscose fibre with 20% post-industrial textile waste thus imparting circularity to viscose fibre
- Process development for pre-treating textile waste has enabled to produce viscose fibre with recycled content while ensuring good fibre properties similar to that of viscose fibre produced from 100% dissolving grade pulp



Rupesh Khare, Lead Scientist, **Birla Cellulose** (India)

14:30 – 14:50

INSPIRE AND GET INSPIRED IN ROUNDTABLE DISCUSSIONS

After the round of presentations, participants will split into different moderated break-out sessions for 20 minutes to further discuss and ask questions on presentation topics.

Session A to cover the presentation from **Dow**

Session B to cover the presentation from **Borealis**

Session C to cover the presentations from **Mérieux NutriSciences**

Session D to cover the presentations from **Birla Cellulose**

This programme may be subject to last-minute changes and cancellations.

The opinions expressed in the papers presented are those of the authors, and not necessarily those of EDANA. EDANA assumes no responsibility for these opinions or for accuracy of the information contained.

14:50 – 15:00

**CONCLUSIONS OF THE BREAK-OUT SESSIONS DISCUSSIONS
& CLOSING REMARKS**



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