

6 December 2022 - DAY 1

9:30 **Welcome address**

Stefan Barot | European Bioplastics

9:45 **BIO-BASED AND COMPOSTABLE PLASTICS IN A CIRCULAR BIOECONOMY**

Chairperson: Stefan Barot | BIOTEC

Keynote Speech: Sustainable carbon cycles

Christian Holzleitner | DG Clima, European Commission (*remote*)

The Commission's policy framework on bio-based, biodegradable and compostable plastics: Opportunities & challenges

Silvia Forni | DG ENV, European Commission

Definition of recycling

Jorge Cristobal Garcia | JRC, European Commission

10:30 **BEST PRACTICES IN FOOD WASTE COLLECTION**

Chairperson: Hasso v. Pogrell | EUBP

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Alberto Castellanza | Novamont

First real-time results of recycling rates of compostables - annual report of Biorepak

Marco Versari | Biorepack

Experiences with the use of compostable bags in Austria

Hubert Seiringer | Austrian Compost & Biogas Association

30 years of biowaste recycling in Italy and the role and inclusion of compostable bioplastics

Marco Ricci | Consorzio Italiano Compostatori

11:15 **COFFEE BREAK**

11:45 **PANEL DISCUSSION: COMPOSTABLE PLASTICS IN THE CIRCULAR ECONOMY**

Chairperson: Hugo Vuurens | CJ Biomaterials

Panellists:

Silvia Forni | DG ENV, European Commission

Christian Geltinger | Bavarian Ministry of Economic Affairs, Germany

Stefanie Siebert | European Compost Network (ECN)

Mariagiovanna Vetere | European Bioplastics

12:15 **BIOPLASTICS MARKET DATA**

Chairperson: Oliver Buchholz | European Bioplastics

Bioplastics market data update 2022

Hasso v. Pogrell | European Bioplastics

12:30 **LUNCH BREAK**

13:30 **NEW DIRECTIONS IN BIOPLASTICS**

Chairperson: François de Bie | TotalEnergies Corbion

Bioplastics in the context of a circular economy – different markets need different solutions

Patrick Zimmermann | FKUR

Amorphous PHA: A sustainability game changer - partnering polymers for improved functionality and biodegradation

Hugo Vuurens | CJ Biomaterials

Truterra: Regenerative farming, the future of growing renewable bio-based feedstock

Patrick van Waes | Covation Biomaterials

Comparing approaches to making more sustainable materials

Cameron Hibbert | Genomatica

Achieving the next level of scale in bioplastics manufacturing, applications, and markets

Steve Davies | NatureWorks

15:30 **COFFEE BREAK**

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16:00 **GLOBAL PERSPECTIVE ON STANDARDISATION**

Chairperson: Constance Ißbrücker | European Bioplastics

New developments in standardization and certification of bioplastics

Oliver Ehler | DIN CERTCO

Standardizing Compostable Field Tests and other Developments

Rhodes Yepsen | Biodegradable Products Institute (BPI)

Bio-based content certification scheme updated and improved

Harmen Willemsen | Royal Netherlands Standardization Institute (NEN)

Updates of the international standardization (ISO) activities regarding the biodegradable and bio-based plastics

Yorimasa Suwa | Meiji University Center for Polymer Science

17:30 **Conference Lottery**



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17:45 **25 Years of Seedling Certification & Drinks Reception**

hosted by Constance Ißbrücker | European Bioplastics



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19:00 **Conference Dinner**



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08:30 Welcome address
Stefan Barot | European Bioplastics

Keynote Speech: The role of biodegradable, compostable, and/or bio-based plastics in national and international waste legislation
Ramani Narayan | Michigan State University

Keynote Speech: Studying the comparison between bioplastic biodegradation in compost and water sediment
Andrej Holobar | ECHO
Miriam Weber | HYDRA Marine Sciences

09:30 END OF LIFE: BENEFITS OF BIO-BASED AND COMPOSTABLE PLASTICS

Chairperson: Bruno de Wilde | OWS

Certified compostable materials: Linking possible fragmentation into non-persistent microplastic and complete biodegradation
Glauco Battagliarin | BASF SE

Biodegradable and compostable plastics, a response to the challenge of plastic waste
Johana Carolina Andrade Chapal | AIMPLAS

Recycling of biodegradable plastics using the TORWASH principle
Jan Pels | Torwash

Sustainable end of life options for Luminy PLA illustrated with real life case studies: Examples of biodegradation, composting, mechanical, and chemical recycling
François de Bie | TotalEnergies Corbion

11:00 COFFEE BREAK

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11:30 INNOVATIVE APPLICATIONS TOWARDS SUSTAINABILITY

Chairperson: Constance Ißbrücker | EUBP

Bioplastics in medical devices – crazy idea or challenging opportunity?
Vinzenc Nienhaus | Biovox

Fire protecting of fields and forests using bioplastics
Irene Serrano | Tecnopackaging

Biogenic materials in technical building equipment - a potential analysis
Fabian Coosmann | NaKu

Algae-based polymers for the production of high-quality sporting goods
Mathias Schmitz | RWTH Aachen
Henning Löcken | RWTH Aachen

13:00 LUNCH BREAK

14:00 RECENT ADVANCES IN BIOPLASTICS PACKAGING

Chairperson: Mariagiovanna Vetere | NatureWorks

Thermoformed packaging using renewable PP to reduce CO₂ and fossil dependency
Martin Bussmann | Neste
Sven Engelmann | ILLIG Maschinenbau

PEF: The next generation bio-based solution for polyester bottles, films, and fibres
Sheila Khodadadi | Avantium

The added value of biodegradable materials in packaging applications
Erik Pras | BIOTEC

A novel process for second-generation lactic acid production to improve sustainability in packaging
Albrecht Läufer | BluCon Biotech

15:30 BIO-BASED BUILDING BLOCKS: NEW DEVELOPMENTS

Chairperson: Jan Noordegraaf | Innograaf

An integrated approach to bio-based and biodegradable polyester production
Emilien Mathiot | Technip Energies

Asahi Kasei's novel technology to produce bio-based chemicals from biomass
Nana Fujishiro | Asahi Kasei Corporation

Sugars, lignin, and cellulose – wood-derived building blocks for bioplastics
Uku Erik Tropp | Fibenol

Sugar Energy's industrial production of HMF and its derivatives & applications in China
Bernhard Urwyler | Zhejiang Sugar Energy Technology

17:00 END OF CONFERENCE

Closing remarks
Stefan Barot | European Bioplastics