IEA Bioenergy

Task42 Biorefining in a Future BioEconomy

Workshop Announcement

NEW INDUSTRIAL MODELS IN THE BIOECONOMIC ERA: THE BIOREFINERIES

Rome, Italy, 21 November 2019

Foreword

Current economy is still based mainly on the utilization of fossil sources with high CO2 emissions. Bioeconomy aims at developing new productive models making use of renewable sources. Bio refineries are an important tool to implement this transition from the fossil based economy toward bioeconomy.

ENEA is pleased to announce the Italian stakeholders workshop in the area of biorefineries which will take place in Rome, Italy, on 21st November 2019. This will be a one day conference inserted in the three works days (19-21 November) of the IEA bioenergy task 42 hosted by ENEA.

The workshop aims to collect snapshots on main R&D and policy initiatives in the bioenergy and biorefineries area in Italy and to share it in the global framework of the task IEA 42.

ENEA, Italian representative in the task IEA 42 on biorefineries in the circular economy, is proud to host this event in full coherence with its institutional role in the area of bioenergy , biorefineries and bio economy.

The workshop has been locally organized by ENEA and supported by Novamont , European leader in the production of biobased and biodegradable plastics.

Registration and welcome		**8:30- 9:40**
	Registration	8:30 - 9:00
Isabella de Bari (ENEA)	Work opening	9:00 - 9:10
Gian Piero Celata (ENEA)	WELCOME in ENEA	9:10 - 9:20
Vito Pignatelli (ENEA)	Italian participation to the IEA Bioenergy – Biomass perspective in Italy	9:20 - 9:40

Session 1: IEA task 42 (chair: Bert Annevelink)		**9:40-11:30**
Bert Annevelink (Wageningen Food & Biobased Research)	An introduction to the IEA Bioenergy Task 42 Biorefining in a Circular Economy	9:40 - 10:00
Ed de Jong (Avantium)	Biobased products	10:00 - 10:20
Heinz Stichnothe (Thünen-Institut)	Role of future energy mixes on the environmental performance of biobased products from agricultural residues	10:20 - 10:40
Michael Mandl (TBW research)	Biorefineries fact sheets	10:40 - 11:00
	COFFEE BREAK (30 min)	

Session 2: Policy and industry perspectives (chair: Mario Bonaccorso)		11:30-14:10
Mario Bonaccorso (Federchimica)	Industrial biotechnology as a driver for the sustainable and circular bioeconomy	11:30 - 11:50
Franco Cotana (University of Perugia)	Set plan perspective for renewable fuels and bioenergy	11:50 - 12:10
Massimiliano Schietroma (Fater)	An Innovative Bio-refinery for absorbent hygiene products	12:10 - 12:30
Tiziana Milizia (Novamont)	Novamont: A circular approach to bioeconomy to close the carbon cycle	12:30 - 12:50
Delegate of Ministry of Economic Development (MISE)	Waiting for conflrmation	12:50 - 13:10
	LUNCH (60 min)	

Session 3: Research perspectives (chair: Isabella de Bari)		14:10-16:30
Isabella de Bari (ENEA)	Research and innovation in biorefineries: opportunities and challenges	14:10 – 14:30
Luigi Pari (CREA)	Innovation in biomass collection and supply.	14:30 - 14:50
Claudia Crestini (University of Venice)	Lignin in sustainable and circular bioeconomy: advances and challenges	14:50 - 15:10
Lucia Gardossi (University of Trieste)	Adding new value to bio-based products: biocatalysis for new functional polyesters and materials	15:30 - 15:50
Fabio Fava (University of Bologna)	The updated Italian Bioeconomy strategy: main priorities and actions	15:50 - 16:10
Maurizio Petruccioli (University of Tuscia)	Biorefineries: guidelines, examples and perspectives	16:10 - 16:30

Contact, registration and logistics

Registration available at: https://connect.portici.enea.it/task42_nov2019/event/registration.html

More information on how to get to ENEA can be found **here**

About the organizers

Local organizing committee

Dr Isabella De Bari, Italian Representative in Task IEA 42, ENEA, Italy
Dr Aristide Giuliano, Researcher, ENEA Trisaia Research Centre, Italy
Dr Laura Di Pietro, Relations and Communications Unit, ENEA, Italy

IEA Bioenergy: An International Collaboration in Bioenergy. IEA Bioenergy's vision is to achieve a substantial bioenergy contribution to future global energy demands by accelerating the production and use of environmentally sound, socially accepted and cost-competitive bioenergy on a sustainable basis, thus providing increased security of supply whilst reducing greenhouse gas emissions from energy use.

Task IEA 42 – Biorefining in a Future Bioeconomy: The aim of the Task is to facilitate the commercialisation and market deployment of environmentally sound, socially acceptable, and cost-competitive biorefinery systems and technologies, and to advise policy and industrial decision makers accordingly.