

REGISTRATION

I register to attend the international conference "Climate and resource protection through environmentally compatible collection and recycling of biogenic waste" on 4th and 5th November 2021 in Berlin and online.

RETech Member yes no
Participation on site or via YouTube livestream on site online
Participation at the conference 04.11. 05.11.
Attendance at the dinner 04.11. yes no
May we include you in the public list of participants? yes no
2G-Rule Vaccinated Recovering vaccinated recovered

Name -----
Position -----
Company -----
Street / No. -----
Postal code and City -----
Country -----
Phone -----
E-mail -----

Participation in the conference is free of charge.

Online-Registrationform: <https://bit.ly/retech2021en>

Date and signature

Response

by fax +49 (30) 2100548 - 19
by e-mail
info@kommunalwirtschaft.eu
or by mail

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SUBJECT, OBJECTIVES AND BACKGROUND

Worldwide about 90 % of all waste is still landfilled without treatment, with organic waste, making up the largest part with more than 50 to 70 percent. Landfills cause considerable environmental problems and are the world's third largest emitter of climate-damaging methane. The sustainable recycling of biogenic waste and residual materials makes a significant contribution to climate and resource protection, especially in emerging and developing countries. This conference will focus on insights and promising approaches for reducing the negative environmental impacts of biogenic waste through effective and sustainable treatment. Another focus will be on the exchange of experiences and networking of important German and international stakeholders.

High-ranking experts report from the countries Ethiopia, Brazil, China, Greece, India, Colombia, Russia, Thailand and Tanzania on existing framework conditions, challenges and best practice approaches in the biowaste management and in this way also about the associated local positive contribution to climate and resource protection. Experiences from Germany regarding the development and operation of technologies for the treatment and recycling of biogenic waste from different sources, as well as the possibilities for know-how transfer and adaptation in the different world regions will be discussed.

The exchange of information in form of expert contributions and discussions with German and international experts from the affected regions contributes to a holistic understanding of the current challenges and helps to develop joint solution strategies. In this context, the requirements for a legal framework, the financing of the waste and recycling management, as well as capacity building of both decision makers and the population as important components for problem solving are also taken into focus.

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GENERAL INFORMATION

Host

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Venue

Scandic Berlin Potsdamer Platz
Gabriele-Tergit-Promenade 19, 10963 Berlin, Germany
and online via YouTube-Livestream

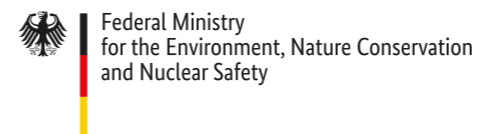
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In cooperation with



Within the framework of the "Export Initiative Environmental Technologies" of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (www.exportinitiative-umweltschutz.de)

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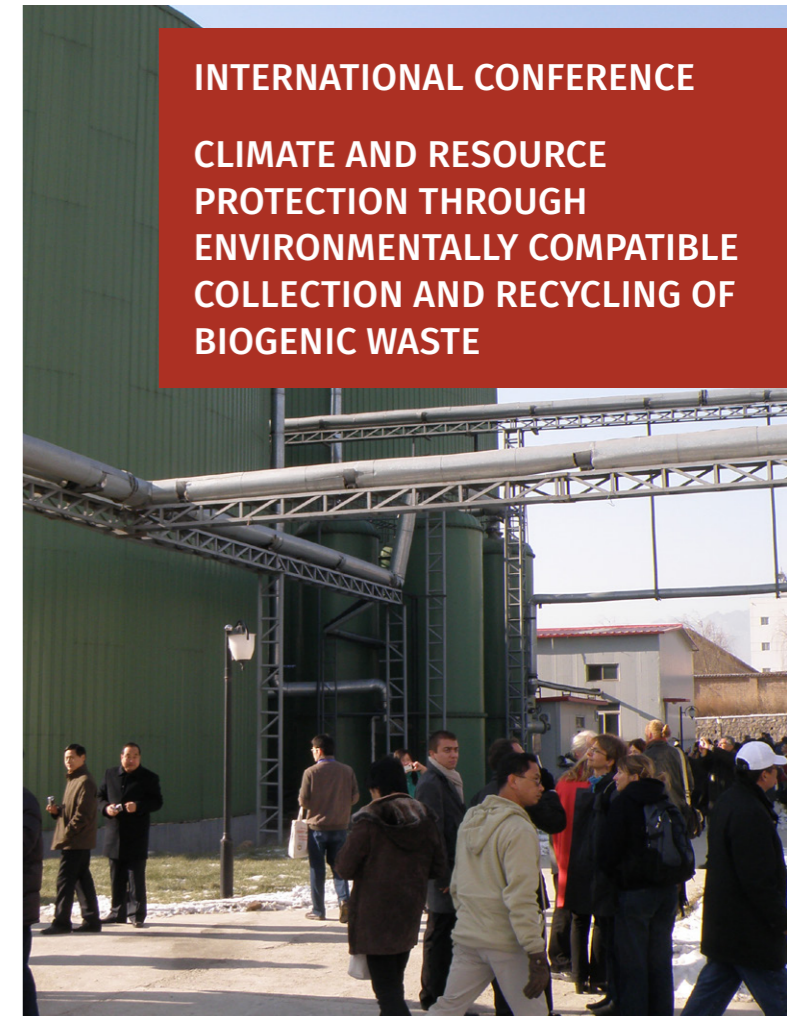


based on a decision of the German Bundestag



INTERNATIONAL CONFERENCE

CLIMATE AND RESOURCE PROTECTION THROUGH ENVIRONMENTALLY COMPATIBLE COLLECTION AND RECYCLING OF BIOGENIC WASTE



SCANDIC BERLIN POTSDAMER PLATZ AND ONLINE
4TH AND 5TH NOVEMBER 2021

International conference: Climate and resource protection through environmentally compatible collection and recycling of biogenic waste

12:00 – 13:00 Registration

13:00 – 13:20 Opening

- o **Greetings and introduction BMU**
Parliamentary State Secretary Florian Pronold, Federal Ministry for the Environment, Conservation and Nuclear Safety of Germany (BMU)
- o **Greetings and introduction RETech**
Dr. Armin Vogel, Chairman of the board German RETech Partnership e.V., Head of Business Unit Waste and Packaging SSI SCHÄFER Fritz Schäfer GmbH

13:20 – 14:30 International goals for climate and resource protection

- o **Worldwide**
Hon.-Prof. (FH) Dipl.-Ing. Dr. Arne Michael Ragossnig, Vice-president International Solid Waste Association (ISWA)
- o **(Bio-)Waste Management in a Circular Economy in the EU**
Bettina Lorz, Senior Expert at European Commission, DG Environment, Belgium
- o **Contribution of the circular economy to climate and resource protection in Germany and particular importance of the biogenic fraction**
Dr. Regina Dube, Head of the Department of Water Management, Resource Conservation and Climate Change of the Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany (BMU)

14:30 – 15:00 Coffee break

15:00 – 16:30 International Biowaste-Management (Country Reports) Part 1

- o **Status of the collection and treatment of biogenic waste in Greece**
Dr. Mihalopoulos Christos, Scientific Researcher, National Technical University of Athens (NTUA)
- o **Status and future development of collection and waste treatment in Russia**
Ruslan Gubajdullin, CEO Association „Clean country“
- o **Status and implementation of the MSW source segregation in China**
Prof. Dr. Pinjing He, Head of the Institute of Waste Treatment & Reclamation, Tongji University

16:30 – 17:15 Coffee break and marketplace of the regions

17:15 – 18:45 International Biowaste-Management (Country Reports) Part 2

- o **Status of biogenic waste management in urban and rural regions of Africa using Ethiopia as an example**
Dr. Ayele Hegena Anabo, National Environmental Law Development and Enforcement Programme Advisor, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- o **Challenges and potential of biowaste collection and utilisation for sustainable livelihood in rural India**
Dr. Hari N. Sharan, Director Fichtner Consulting Engineers Ltd, Chennai, Indien
- o **Wastemanagement concept for the city of Bogotá in Colombia**
Manuel Camilo Saldarriaga Acosta, Unidad Administrativa Especial de Servicios Públicos (UAESP)

From 19:00 Jubilee reception 10 years RETech and joint dinner

09:00 – 09:45 Brief presentation of the results from the marketplace discussions

09:45 – 11:00 Technical challenges and adapted solutions for a successful collection and recycling of biogenic waste

- o **Ecologically and economically reasonable technical concepts for the recycling of biogenic waste**
Prof. Dr. Michael Nelles, Scientific Managing Director Deutsches Biomasseforschungszentrum gGmbH (DBFZ)
- o **Adapted collection systems**
Stephan Weissenbacher, Export Manager Business Unit Waste Management & Recycling, SSI Schäfer Fritz Schäfer GmbH
- o **Pre-treatment, processing and fermentation of biogenic waste**
Dr.-Ing. Rolf Liebeneiner, Sales Manager Biological Waste Treatment, Eggersmann Anlagenbau GmbH
- o **Legal and voluntary measures for the production of quality composts and fermentation products**
David Wilken, CEO Bundesgütegemeinschaft Kompost e.V. (BGK)

11:00 – 11:15 Coffee break

11:15 – 12:30 Environmentally compatible use of biogas, composts, and residues – concrete examples from selected countries

- o **Example Biogas - Decentralized energy supply in Brazil**
Dr. Ing. Luis Felipe Dornfeld Braga Colturato, Waste and biogas expert, United Nations Industrial Development Organization (UNIDO) Brazil
- o **From Organic Waste to Fuel**
Wilhelm Winkelmann, Division Manager Biological Waste Treatment, Berliner Stadtreinigungsbetriebe (BSR)
- o **Introduction into the Maximum Yield Technology® (MYT®) for mixed MSW treatment**
Marc Loskarn, Project engineer for biological recycling technology, EUWELLE Environmental Technology GmbH
- o **Production and use of compost in Tanzania**
Dr. Ing. Florian Kölsch, CEO Dr. Kölsch Geo- und Umwelttechnik GmbH

12:30 – 14:00 Joint lunch break

14:00 – 15:30 Further challenges and success criteria – Panel discussion with short inputs of the conference delegates

- o **Education and training of decision makers**
Prof. Dr. Christina Dornack, Director Institute for Waste and Circular Economy, Technical University Dresden
 - o **Creation of a legal framework and efficient enforcement**
Dr. Regina Dube, Head of the Department of Water Management, Resource Conservation and Climate Change of the Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany (BMU)
 - o **Development of treatment capacities**
Michael Ludden, Partner-Managing Director Sutco Recycling-Technik GmbH
 - o **Economic efficiency and financing**
Bernd Ewering, Division Manager for Waste Management Concepts and Procurement Procedures, Institute for Waste, Wastewater and Infrastructure Management GmbH (INFA GmbH)
 - o **The human factor: communication and cooperation with the local population**
Anna Pegels, Scientific Researcher, German Development Institute (DIE)
 - o **Panel Discussion**
- Summary and Outlook**
Dr. Armin Vogel, Chairman of the board German RETech Partnership e.V., Head of Business Unit Waste and Packaging SSI SCHÄFER Fritz Schäfer GmbH

