

PROGRAM
15TH INTERNATIONAL CIRCULAR ECONOMY CONFERENCE
*Frontiers in Climate Change Adaptation and Mitigation:
Net-Zero Strategies for Industries and Municipalities*

Wednesday, 6th November 2024 | Environmental Campus Birkenfeld

08:00 Registration

Welcome Addresses & Keynotes

Session Moderator: Prof. Dr. Peter Heck

09:00 Welcome Address
Prof. Dr. Peter Heck, Managing Director, Institute for Applied Material Flow Management (IfaS)

09:05 Welcome Address
Prof. Dr.-Ing. Beate Massa, Vice-President, Trier University of Applied Sciences

09:10 Climate Protection and Circular Economy Practice in Rhineland-Palatinate: *seeing beyond the challenges*
Dr. Simon Lang, Coordinating Officer, Ministry for Climate Protection, Environment, Energy and Mobility of the State of Rhineland-Palatinate

09:20 Leapfrog into Net-Zero: *a paradigm shift in deep decarbonization*
Prof. Dr. Peter Heck, Managing Director, Institute for Applied Material Flow Management (IfaS)

09:40 Transformation towards Net-Zero: Strategies of HYDAC
Daniel Enders, Head of Marketing, HYDAC INTERNATIONAL GMBH

10:00 Break

Zero-emission & Circular Economy Systems Design

Session Moderator: Dr. Felix Flesch

10:30 China's Decarbonization Pathway: A Roadmap to Carbon Neutrality and Green Transformation
Xiaolong Zou Ph.D., Assistant Professor, School of International & Public Affairs (SIPA), Jilin University

10:50 Green Hydrogen Production: Technical and economic feasibility through SAREP
Bhushan Chaudhary, Project Manager, Institute for applied Material Flow Management (IfaS)

11:10 The G2H model as an innovative value creation for the utilization of biomass
Joachim Böttcher, Founding Shareholder and Technical Director, ricion AG

11:30 Innovative technology solutions for the transformation of Biomass to H2
Helge Kutzner, Project Engineer, bioenergy concept GmbH

11:50 Net Zero-Technology Made in Rhineland-Palatinate: Biochar as a sustainable solutions for Industries and Municipalities
Philipp Reichardt, Sales Manager, PYREG GmbH

12:10 – 14:00 Lunch Break

Financing Deep Decarbonisation, Net-zero and Circular Economy

Session Moderator: Mr. Marco Angilella

14:00 Transition to a climate-neutral economy: Strategies of a climate financier
Dr. Michael Knaus, Climate Team Coordinator, DEG - Deutsche Investitions- und Entwicklungsgesellschaft mbH

14:20 Financing of Net-Zero Strategies: How Bancolombia supports the decarbonization of their clients
Franco Piza, Head of Sustainability Area, Grupo Bancolombia [tbc] [Online]

Chasing the Climate, Sustainability and Circular Economy Targets

Session Moderator: Mr. Marco Angilella

14:40 Circular economy in the Caribbean: Empirical Findings from Puerto Rico
Dr. Patrick Dorvil, Senior Sector Economist, European Investment Bank

15:00 Irrigation through a solar-powered desalination plant and a combination of a vacuum collection system with water recycling solution
Dr. Volker Zang, Director Business Development, Aqseptence Group GmbH

15:20 Process transparency and data quality as the key to resource-efficient operation of wastewater treatment plants
Dipl.-Ing. Norbert Meyer, CEO, BITControl GmbH

15:40 Resource-efficient wastewater treatment as a key factor for circular economy
Douglas Espin, Sales Director, CERAFILTEC Germany GmbH

16:00 Municipality-led circular economy: Resource Centre in the Municipality of Alexânia, Goiás, Brazil
Ketlen Jacquelinny De Moura, Junior Researcher and Graduate IMAT-Student, Institute for applied Material Flow Management (IfaS)

Education, Research and Partnerships for CE

Session Moderator: Ms Jackeline Martinez

16:20 Building Sustainable Futures: Strategic Partnership HS Trier and German-Jordanian University
Prof. Dr. Klaus Helling, Dean of the Faculty Environmental Business / Environmental Law, Trier University of Applied Sciences

16:40 The EU Erasmus+ Project "LCA-Care": Collect, analyse, report and evolve for eco-innovative SMEs
Jorge Costa Ph.D., Vice-President at the technical-scientific board, ISEC Lisboa - Higher Institute of Education and Sciences [Online]

17:00 Leading by Example: *the IMAT international university network for Circular Economy*
Marco Angilella, Co-Head - International Project Management, Institute for applied Material Flow Management (IfaS)

17:20 Closing Remarks

17:25 Closure