

IEA Bioenergy Workshop Vienna, 17 October 2022

BIOS of moderators, speakers and panellists

Welcome / Introduction

Paul Bennett, IEA Bioenergy / Scion (New Zealand)



Dr Paul Bennett is the Portfolio Leader for Integrated Bioenergy at Scion, New Zealand. Paul has spent over 30 years working on a range of fuels, biofuels and bioenergy issues. He has worked as an independent consultant, for quasi-government organisations and large corporates developing new technologies and business opportunities in biofuels. Paul and his team at Scion are investigating new economic opportunities in industrial biorefining, bioenergies and bio-based substitutes for petroleum and other declining resources. Since 2020 Paul is chair of the Executive Committee of the IEA Bioenergy Technology Collaboration

Programme.

Hannes Bauer, Austrian Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)



Hannes Bauer is Official in the Austrian climate Ministry for RTD in sustainable energy.

Maria Georgiadou, European Commission, DG Research & Innovation



Dr Maria Georgiadou works in the Directorate-General for Research and Innovation of the European Commission since 2003. She heads the strategic orientation for research and innovation in Renewable Fuels, Biofuels and Bioenergy and the development and implementation of relevant programs and policies under the European Union's Framework programs.

Renewable Gas

Jan Liebetrau, Ryttec



Dr.-Ing. Jan Liebetrau is Head of the Department Consulting and Research at the Ryttec GmbH. Jan Liebetrau's main expertise are process control of AD processes, methane emissions from biogas plants and landfill operations and management of research activities.

From 2008 to 2019 he was working for the DBFZ in Leipzig (German Biomass Research Centre). He moved to Ryttec GmbH in the beginning of 2020. Since 2022, he leads IEA Bioenergy Task 37 Energy from Biogas.

Berend Vreugdenhil, TNO



Berend Vreugdenhil started his career in 2006 at ECN, where his research was focused on developing indirect gasification technology to produce sustainable natural gas from biomass. He became leader of the gasification group within ECN. In 2018 ECN merged with TNO.

Since 2016, Berend leads the IEA Bioenergy Task 33 on gasification of biomass and waste.

Robert Böhm, Hitachi Zosen Inova Schmack



Robert Böhm is Product & Marketing Manager Power-to-Gas at HZI / Schmack Biogas Service.

Philippe Lehmann, CO2 Energie AG



Philippe Lehmann is the Managing Director of CO2 Energie AG in Baden Switzerland, a subsidiary of Regionalwerke AG Baden and Recycling Energie AG. At the same time, he acts as a project developer in the field of renewable gas for Regionalwerke AG Baden, a local energy supply company.

Heather Wray, TNO



Heather Wray works as a scientist in the Bio-based and Circular Technologies group at TNO. The group develops technologies and innovations to accelerate our transition to a bio-based and circular economy.

Marion Maheut, ENGIE



Marion Maheut is project manager at ENGIE, where she is responsible for the GAYA project. GAYA is an innovative process which converts various local solid residues such as biomass and non-recyclable waste from territories into a renewable substitute of natural gas.

Günter Pauritsch, Austrian Energy Agency



Günter Pauritsch is Head of the Centre Energy Economics, Infrastructure and Energy Partnerships at the Austrian Energy Agency.

Uwe Fritsche, IINAS



Uwe Fritsche is Scientific Director of the International Institute for Sustainability Analysis and Strategy (IINAS). He leads IEA Bioenergy Task 40 (Deployment of biobased value chains), and co-leads IEA Bioenergy Task 45 with a focus on sustainability governance. He contributes to the Global Bioenergy Partnership (GBEP), and leads the GBEP Sustainability Task Force Environment Subgroup. He worked since 1984 at Oeko-Institut, heading its Energy & Climate Division in Darmstadt until 2010. Then he focused on international activities concerning sustainable biomass and land use.

Henrik Thunman, Chalmers University



Henrik Thunman is Head of Division and Professor in the Department of Space, Earth and Environment, Energy Technology at Chalmers University in Gothenburg, Sweden. He has been working for more than 20 years with combustion and gasification of biomass and since 2005 he has been responsible for the coordination of the scientific research connected to the GoBiGas-demonstration.

Andreas Wolf, AGCS



Andreas Wolf is Project Manager at the Austrian Biomethane Registry at AGCS. His references in the renewable gas sector include more than 10 years business development, project management and market operation for AGCS' Austrian biomethane registry, senior expert position for R&D projects supported by European Commission programs, ERGaR board seat and development of ERGaR's transfer hub.

Giulia Cancian, European Biogas Association



Giulia Cancian is the Secretary General at the European Biogas association. Before joining the EBA in 2022, Giulia led Bioenergy Europe's policy department. She gained experience on sustainability, energy and transports working with the biodiesel, non-ferrous metals and hydro equipment European trade associations in Brussels. Giulia holds a MA in International Relation from the University of Rome and a MSc in European Affairs from the Free University of Brussels.

Liquid biofuels

Glauca Souza, University of São Paulo



Dr. Glauca Mendes Souza is a Full Professor at the Institute of Chemistry, University of São Paulo. She coordinates the FAPESP Bioenergy Research Program BIOEN. She works on bioenergy sustainability and participates in several international initiatives to disseminate knowledge and advise policy including IEA Bioenergy, the Global Bioenergy Partnership (GBEP) and the Biofuture Platform. She is a Board member of the Scientific Committee on Problems of the Environment (SCOPE), the World Bioenergy Association (WBA) and the Brazilian Society of Bioenergy (SBE).

At the IEA Bioenergy TCP she is the co-Leader of Task 39 on Biofuels to Decarbonize Transport.

Jim Spaeth, US DoE



Jim Spaeth serves as the Systems Development and Integration Program Manager for the U.S. Department of Energy (DOE) Bioenergy Technologies Office. His current portfolio includes the DOE investment in integrated biorefinery projects focused on the development of advanced biofuels and bioproducts including sustainable aviation and marine biofuels. Jim leads the international bioenergy efforts for DOE, is the current Chair of the Biofuture Platform.

Steve Rogers, Licella



Steve Rogers is Head of Commercialisation at Licella which he joined in early 2008. He is actively engaged in the three Joint Ventures the company has in Australia, the UK and Canada where Licella's Cat-HTR technology is being deployed.

Mathieu Morin, IFP



Dr. Mathieu Morin received his PhD in 2017 on "Biomass gasification in FICFB" from the University of Toulouse. He is now R&D Engineer at IFP Energies Nouvelles in France in the Chemical Engineering and Technologies department. His main activities are related to the development of processes for the production of environmental fuels, chemical intermediates and energy from fossil and renewable resources.

Elyas Moghaddam, Gidara Energy



Elyas Moghaddam is Senior Technology Expert at GIDARA Energy. He is an expert in Gasification technologies and contributes in design of the HTW[®] gasification island as the core part of Advanced Methanol Amsterdam (AMA), which will be the first production facility of GIDARA Energy to produce advanced methanol from non-recyclable waste.

Ralf Hortsch, Clariant



Dr. Ralf Hortsch is the Head of Strategy & Marketing at Clariant's Business Line Biofuels & Derivatives. He has more than 10 years of experience within the biofuels and biotechnology sector in different managing roles in strategy, sales, operations and R&D.

Mallikarjun Navalgund, Praj



Mallikarjun Navalgund is President Advanced Biofuels and Bio-Chemicals at Praj Industries. He is an adept business development professional with deep insight into the advanced biofuels and renewable chemicals space.

Tomas Ekbohm, Svebio



Tomas Ekbohm is Program Director Biofuels at Svebio, the Swedish Bioenergy Association. He is one of Sweden's foremost experts in biorefineries and bio-oils & biofuels production with an extensive project track record in most areas in bioenergy – from conceptual studies to in-depth system analysis and project development. Tomas is conference director of the Advanced Biofuels Conference. Since 2022, he co-leads IEA Bioenergy Task 39 on Biofuels to Decarbonize Transport.

Jack Saddler, University of British Columbia (UBC)



Jack Saddler is Professor of Forest Products Biotechnology/Bioenergy and Dean Emeritus, Faculty of Forestry at the University of British Columbia.

Jack's research specializes on turning forest residues into liquid fuels and chemicals, in what is called the biorefining concept. He expects that new technologies will allow many chemicals and fuels that are currently products of oil refining to be produced more sustainably and, more economically, from biomass sources such as forestry residues or energy crops such as fast rotation poplar.

Patrik Klintbom, RISE / ETIP Bioenergy



Patrik Klintbom is Senior Researcher Sustainable Mobility at Research Institutes of Sweden RISE and Chair of ETIP Bioenergy. He has deep knowledge and experience when it comes to energy transition, transport and sustainability in general.

Fuli Li, Qingdao Institute of Bioenergy and Bioprocess Technology



Professor Fuli Li is head of the Molecular Microbiology Engineering Group at the Qingdao Institute of Bioenergy and Bioprocess Technology (QIBEBT), Chinese Academy of Sciences (CAS).

Sunil Kumar, Indian Ministry of Petroleum & Natural Gas



Shri Sunil Kumar is Joint Secretary (Refineries & Exploration) at Ministry of Petroleum & Natural Gas, New Delhi. As Joint Secretary (Refineries & Exploration), he is looking after the matters related to Exploration of petroleum resources, Refineries, Petrochemicals, Bio Fuels, and Green Hydrogen etc.

His educational qualification includes Bachelor of Technology (Petroleum Energy) from IIT(ISM), Dhanbad, Financial Management from NIFM, Faridabad, Masters in Business Administration from BI, School of Management, Oslo, Norway, Executive European MBA from ESCP-EAP, Paris, France, Masters Diploma in Public Administration from IIPA, New Delhi and Logistic Simulation and Planning from Beijing Jiaotong University, Beijing, China.

Developments in Austria

Dina Bacovsky, BEST



Dina Bacovsky is unit Head Biofuels at BEST Bioenergy and Sustainable Technologies in Austria. Since 2020 Dina is vice-chair of the Executive Committee of the IEA Bioenergy Technology Collaboration Programme. She is also secretary of the Advanced Motor Fuels Technology Collaboration Programme (AMF TCP).

Hannes Bauer, BMK



Hannes Bauer is Official in the Austrian climate Ministry for RTD in sustainable energy.

Bernhard Drogg, BEST



Bernhard Drogg is Head of Research Area Bioconversion and Biogas Systems at BEST - Bioenergy and Sustainable Technologies GmbH.

Josef Schuberth, Agrana



Josef Schuberth is Plant Manager of Agrana Stärke in Pischelsdorf, Austria. He is responsible for technology, operations and representation of the plant and has direct responsibility for approx. 140 employees.

The plant is a biorefinery producing wheat starch, wheat protein, bioethanol, biogenic CO₂ and protein-rich animal feed.

Petra Wollboldt, AustroCel Hallein



Dr. Petra Wollboldt is Head of Research and Development at AustroCel Hallein since 2020. She has over 15 years' experience in wood and cellulose chemistry, lignocellulosic biorefineries, pulp and viscose research. The AustroCel biorefinery is currently exploring the utilisation of pulp mill side streams and the increase of the resource efficiency of wood valorisation. The contribution to an increasingly closed circular economy by following a zero waste goal is part of AustroCels mill strategy.

Andreas Werner, Brau Union Österreich



Brewery Manager of Brau Union Österreich, Region South, Mastermind of Green Brewery Göss.

Gabriela Maria Straka, Brau Union Österreich



Dr. Gabriela-Maria Straka is Director of Corporate Affairs & ESG Sustainability, Member of Management Board, Spokesperson at Brau Union Österreich/Heineken Group and Member of the United Nations Global Compact Steering Committee Austria.

Closing

Luc Pelkmans, IEA Bioenergy



Luc Pelkmans is Technical Coordinator of the IEA Bioenergy Technology Collaboration Programme since 2016. He is also manager of the consultancy firm CAPREA Sustainable Solutions. Luc graduated as MSc in Mechanical Engineering in 1994 and worked for VITO – a Belgian research institute – from 1996 until 2017 as project manager on the topics of alternative transport fuels and drivetrains, biofuels, bioenergy and biobased economy.