

BIOS of moderators and speakers

Welcome / Introduction &

Session 1: Supporting clean energy transitions and improved energy access

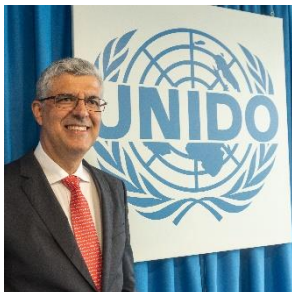
Moderators

Dina Bacovsky, IEA Bioenergy / BEST (Austria)



Dina Bacovsky is unit Head Biofuels at BEST Bioenergy and Sustainable Technologies in Austria. Since 2023 Dina is Chair of the IEA Bioenergy Technology Collaboration Programme. She is also secretary of the Advanced Motor Fuels Technology Collaboration Programme (AMF TCP). Dina is active in international networking and information exchange on biofuels and bioenergy R&D.

Tareq Emtairah, UNIDO



Tareq Emtairah is the Director of the Division of Decarbonization and Sustainable Energy at UNIDO. His work experience spans over 27 years in developed and emerging economies with a progressive focus on sustainable industrial transformation, energy transition, policy advocacy, applied research and capacity development. Before joining UNIDO, he worked as a senior research fellow at the International Institute for Industrial Environmental Economics (IIIEE) at Lund University, Sweden, and prior to that served as the executive director of the Regional Center for Renewable Energy and Energy Efficiency (RCREEE) based in Cairo, from 2012-2015. Mr. Emtairah holds a PhD in Industrial Environmental Economics from Lund University in Sweden; a Master's degree in Environmental Management and Policy also from Lund University; a Diploma in Engineering (Materials Science) from Tokyo Institute of Technology in Japan and a Bachelor's degree in Engineering, also in Materials Science from the State University of New Jersey in the United States of America.

Speakers

Jeremy Moorhouse, International Energy Agency (IEA)



Jeremy Moorhouse is Bioenergy Lead at the International Energy Agency (IEA). He joined the IEA in November 2020. He is responsible for developing the IEA's mid-term biofuels and bioenergy forecasts and contributes to bioenergy related work across the Agency. He has 15 years of experience developing program strategies and objectives, analysing energy systems, managing teams and collaborating with industry and governments to develop climate and renewable energy policy.

Cristina Dominguez, SEforALL



Cristina Dominguez is Energy Planning Specialist at Sustainable Energy for All (SEforALL). She has over 7 years of experience in supporting countries with their planning of electricity and clean cooking access and energy transition strategies, having designed, managed, and implemented different projects with a wide range of stakeholders in Africa, South Asia, and Latin America. She holds a PhD degree in Sustainable Energy Access from ETH Zurich. Before joining SEforALL she worked for the UK's Foreign, Commonwealth and Development Office (FCDO) funded program Climate Compatible Growth supporting the integration of energy planning efforts in East Africa.

Jossy Thomas, UNIDO



Jossy Thomas is Industrial Development Officer and the lead of the Bioenergy Programme at Climate Technologies Innovation (CTI) Unit of the United Nations Industrial Development Organization (UNIDO). He has 25 years of international technical cooperation experience with UN ESCAP and UNIDO. He promotes bioenergy solutions for electricity and clean cooking access in developing countries.

Stefan Nowak, REPIC Platform



Stefan Nowak is Managing Director of the consultancy NET Ltd which leads the Management Agency of the Swiss REPIC platform, a governmental platform for the promotion of Renewable Energy, Energy and Resource Efficiency in Developing and Transition Countries. Stefan has been working in renewable energy and energy efficiency for more than 25 years, managing and coordinating various national and international energy research and innovation programmes. Among these, he was also the chair of the IEA's photovoltaic technology collaboration programme (IEA PVPS TCP) between 2001 and 2021.

Léonard Lévêque, LGI Sustainable Innovation / LEAP-RE



Léonard Lévêque is coordinator of the Long-Term Joint European Union – African Union Research and Innovation Partnership on Renewable Energy (LEAP-RE) and developing sustainable innovation projects at LGI Consulting.

Before joining LGI, Léonard worked for the French Agency for sustainable Mediterranean cities and territories (AVITEM) on projects related to energy efficiency and air quality management, and for an international network (ANIMA Investment Network) which aimed at fostering investment and business ecosystems in Northern Africa and Middle East.

Fatma Ashour, Cairo University



Fatma Ashour is Director of the Center for Environmental Hazard Mitigation and Environmental Research and Studies at Cairo University and was the Former Chairperson of the Chemical Engineering department in Cairo University. She has worked on many projects spanning a wide variety of disciplines and specialties that include Petroleum refining, Biofuel production, Energy Conservation, Environmental and waste management, and Engineering Education. She coordinates the project PyroBioFuel (Sustainable biomass conversion into bioenergy through pyrolysis) within the LEAP-RE programme.

Session 2: Sustainable biomass supply

Moderators

Mark Brown, Forest Research Institute, USC



Mark Brown is Director of the Forest Research Institute at University of the Sunshine Coast (USC) in Australia. Since 2019 he is leader of the IEA Bioenergy Task 43 on Biomass Supply in Sustainable and Circular Economies.

Bah Saho, ECOWAS



Bah Saho is responsible for Alternative energy and Energy Access at ECOWAS, the Economic Community of West African States. In previous years he was Acting Director of ECREEE – the ECOWAS Centre for Renewable Energy and Energy Efficiency.

Speakers

Maria Michela Morese, FAO



Maria Michela Morese is the Energy Team Leader and Senior Natural Resources Officer at FAO's Office on Climate Change, Biodiversity and Environment. In her role, she leads FAO's implementation of clean energy solutions for agrifood systems and sustainable bioenergy, both in development and humanitarian settings. Michela has 20+ years of experience working on climate change, environment and bioenergy. Before this assignment, she was Executive Secretary of the Global Bioenergy Partnership (GBEP) in FAO (since its establishment in 2006), as well as Manager of several FAO projects related to sustainable development of bioenergy.

Himlal Baral, CIFOR-ICRAF



Himlal Baral, is a Senior Forest and Landscape Restoration (FLR) scientist with CIFOR-ICRAF's Climate Change, Energy and Low Carbon Development team. Based in Bali, Indonesia, Dr Baral coordinates CIFOR's work on FLR, planted forests and bioenergy in Asia and the Pacific, specifically, 1) promoting FLR for multiple ecosystem goods and services (EGS); 2) quantifying and valuing EGS under different landscape management scenarios; 3) investigating and developing locally appropriate landscape restoration models; and 4) contributing to land-resource planning for food, biomaterial and energy security. Prior to

joining CIFOR-ICRAF, he worked in the forestry and natural resources management field for over 25 years in both the private and public sectors in Asia and the Pacific.

William Stafford, Council for Scientific and Industrial Research (CSIR)



Dr. William Stafford is principal researcher at the Council for Scientific and Industrial Research (CSIR) in South Africa. He is a life scientist with 21 years of research and development experience in the diverse fields of biochemistry, microbial ecology, systems biology, bioenergy, permaculture, holistic resource management, industrial ecology and sustainability science. He is also an extraordinary Associate Professor in the Department of Process Engineering, University of Stellenbosch.

Craig Jamieson, Straw innovations



Craig Jamieson is Director & Founder of Straw Innovations Ltd. Craig was originally trained in horticulture and has a master's degree in International Rural Development. He has worked in business management, consultancy and also scientific research, specializing in sustainable biofuels and bioenergy. His work has taken him across Africa and Asia developing bioenergy solutions that enhance rather than compete with food production. In 2016 with support from the UK Government, Craig established an industrial pilot plant making clean fuel from waste rice straw

in the Philippines. Straw Innovations Ltd was born and he is now preparing to take it to first commercial scale in the Philippines.

Tiziana Pirelli, GBEP



Tiziana Pirelli is Coordinator of the Secretariat of the Global Bioenergy Partnership (GBEP). Since 2010, she has been involved in the implementation of cooperation projects on sustainable land management practices and bioenergy, with activities in more than 20 countries across Europe, Sub-Saharan Africa, South America and South-East Asia. In 2016 she moved to FAO where she served as a lead technical adviser for the implementation of the Global Bioenergy Partnership (GBEP) Sustainability Indicators for Bioenergy (GSI) in Paraguay and Vietnam; she gave trainings to build and strengthen the

capacities of local stakeholders to implement the GSI for bioenergy in Ghana, Togo and Philippines.

Guillermo Parra Romero, DICAPAR (Paraguay)



in Engineering from Oklahoma State University.

Guillermo Parra is a freelance consultant in the field of Bioenergy. He was the focal point of Paraguay at the Global Bioenergy Partnership (GBEP) from 2006 to 2014. He has extensive experience in fuels and biofuels. As the Manager of the Biofuels Multistakeholder Table at REDIEX (Ministry of Industry and Commerce) in Paraguay, he was responsible for promoting the policies for ethanol and biodiesel blending into fossil fuels. He is promoting the use of ethanol blends in Latin American countries jointly with the US Grains Council. He worked also as the Coordinator of the GBEP Project “Sustainability of forest biomass for energy and of ethanol from maize and sugarcane in Paraguay” between 2013 and 2016. He is Electro-mechanical Engineer and has a MSc degree

Tuyet Nguyen Thi Anh, Hanoi University of Sciences and Technologies (Vietnam)



Indicators for biogas and cassava-based ethanol value chains in Vietnam, with the specific task of Indicator 1 and Indicator 4: LCA Emissions of GHG and non-GHG air pollutants. Besides her work at the university, Dr. Tuyet is currently serving as board member of “National Standard Committee on Solid Waste” of Vietnam.

Nguyen Thi Anh Tuyet is Dean of the School of Environmental Science and Technology (INEST) at Hanoi University of Science and Technology (HUST). In the area of expertise, Dr. Tuyet is an expert in IO table-based LCA and data-based policy analysis in environmental energy and waste management. Her main research orientations are energy from waste (EfW) and circular economy (CE) transition. In 2017-2018, she joined the FAO project on the implementation of the Global Bioenergy Partnership (GBEP) Sustainability

Extra Panelist

Rocío Díaz-Chavez, Imperial College London



of renewable energy among other topics.

Dr Rocío A Diaz-Chavez is a Senior Research Fellow at the Centre for Environmental Policy of Imperial College London since 2004. Her research area focuses on sustainability assessment and deployment of bioeconomy, land use and natural resources and the synergies with energy, sustainability and other SDGs. Rocío acted as the Deputy Director and Energy and Climate Change Programme Leader for the Stockholm Environment Institute Africa Centre in Kenya from October 2017 to March 2022 where she coordinated different projects focusing on climate change adaptation and mitigation, arid and semi-arid areas, bioenergy and cooking stoves, bioeconomy, co-benefits

Session 3: Sustainable biofuel production

Moderators

Ricardo Gorini, IRENA



Ricardo Gorini is Senior Programme Officer - REmap at the International Renewable Energy Agency (IRENA). At IRENA he is responsible for the Renewable Energy roadmaps program at global, regional and country level. Previously he has worked in the financial market and mining sector, as well as advisor for energy policies and regulation in Brazil.

Gerard Ostheimer, CEM Biofuture Campaign



Gerard Ostheimer is Manager of the Clean Energy Ministerial Biofuture Campaign. He is currently working to create high functioning Public-Private Partnerships to foster the deployment of solutions to global need for energy access and increasing the use of renewables through the sustainable production and use of bioenergy.

Speakers

Rainer Janssen, WIP Renewable Energies



economies.

Rainer Janssen is Managing Director Projects at WIP Renewable Energies in Germany and Senior Expert in renewable energies, sustainable energy systems and innovative bioeconomy solutions. He engages in the development of innovative solutions for the transition to a sustainable energy system for the electricity, heating and cooling and transport sectors with special emphasis on technologies, research and innovation policies, market research, social impacts and public awareness as well as the development of supportive framework conditions and policy regulations in the EU and emerging and developing

Glauca Souza, University of São Paulo



Dr. Glauca Mendes Souza is a Full Professor at the Institute of Chemistry, University of São Paulo in Brazil. 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.

Robert Malina, Hasselt University



Robert Malina is Full Professor for Environmental Economics at Hasselt University (Belgium) and Director of the Centre for Environmental Sciences (CMK), a multidisciplinary institute with >200 researchers from a broad set of academic disciplines. He is also a Research Affiliate in the Department of Aeronautics and Astronautics at the Massachusetts Institute of Technology (MIT). One of Robert's core areas of research for almost a decade now are sustainable aviation fuels, in particular with regard to assessments on their economic and environmental viability and with regard to designing methods to appropriately account for those fuels in international climate regulation.

Megersa Abera Abate, World Bank



Megersa Abate is a Transport Economist at the World Bank. He is the Global co-lead for the Aviation Solution Area at the Bank. He has expertise and interest in sustainable transport, air transport economics and regulation and transport modelling. He is engaged in several operational works and analytical studies in Central Asia and Africa regions. Earlier in his career, he worked at the Ethiopian Civil Aviation Authority as an air transport expert.

Farai Chireshe, WWF South Africa



Farai Chireshe is Energy Analyst and Project Officer at WWF South Africa. Farai is an energy and sustainability professional with a focus on technology advancement and climate change mitigation and adaptation. His work is focused on developing policies, technology, and best practices that help businesses and communities transition to a low-carbon, resilient economy in a just and equitable way. Farai holds a master's degree in chemical engineering and has extensive experience in low-carbon fuels development. He also have experience analyzing renewable energy technologies from a techno-economic, socio-economic, and environmental standpoint.

Extra Panelist

Jossy Thomas, UNIDO



Jossy Thomas is Industrial Development Officer and the lead of the Bioenergy Programme at Climate Technologies Innovation (CTI) Unit of the United Nations Industrial Development Organization (UNIDO). He has 25 years of international technical cooperation experience with UN ESCAP and UNIDO. He promotes bioenergy solutions for electricity and clean cooking access in developing countries.

Closing of the workshop

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.