



**FUTURE
FUELS &
TECHNOLOGY**

Speaker Profiles

Technical Seminar on Marine Biofuels

IMO Headquarters, 12 February 2026



INTERNATIONAL
MARITIME
ORGANIZATION

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London, SE1 7SR



Dr. Roberta Cenni

Head of Biofuels, Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping

Dr. Roberta Cenni is the Head of Biofuels at the Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping, an independent, not-for-profit research and development center dedicated to accelerating the maritime industry's transition toward a net-zero future.

In her leadership role, Roberta focuses on delivering sustainable, scalable, and affordable short-term decarbonization options for the shipping sector. A core pillar of her work involves developing cross-boundary solutions that enable the shipping industry to decarbonize while simultaneously addressing broader environmental and social challenges, particularly waste management, environmental degradation, and alleviation of poverty.

Roberta's extensive expertise is built on over 30 years of experience in the research, innovation, and commercialization of bioenergy processing. She holds include a Chemical Engineering Degree from the University of Bologna, a PhD in Energy Technologies from the University of Stuttgart, and a Certificate in Entrepreneurial Leadership from the DTU Management.

Beyond her work at the Center, Roberta serves on the Council of Engineers for the Energy Transition (CEET). This high-level, independent body of global experts acts under the auspices of the UN Secretary-General to provide engineering pathways and technical solutions for achieving worldwide decarbonization by mid-century.



Dr. Paolo Frankl

Head of the Renewable Energy Division, International Energy Agency

Paolo Frankl is Head of the Renewable Energy Division at the International Energy Agency (IEA). Dr. Frankl leads the IEA's work on renewables, providing analysis and advice on policies, markets and technologies to 32 Member countries, 13 Association countries, and 4 Accession countries seeking IEA membership.

A physicist by training, Dr. Frankl holds a Ph.D in energy and environmental technologies from the University of Rome 1 “La Sapienza” and has been post-doc Marie Curie research fellow at INSEAD business school in Fontainebleau, France. Dr. Frankl has more than 30 years of experience working on renewable energy systems and markets, life cycle assessment and eco-labelling.



Dr. Glaucia Mendes Souza

Professor at the Institute of Chemistry, University of São Paulo, Brazil and IEA Bioenergy Task 39

Dr. Glaucia Mendes Souza is a Full Professor at the Institute of Chemistry of the University of São Paulo (USP) and Leader of the Biofuels for the Decarbonization of Transport Task Force (Task 39) of the International Energy Agency (IEA Bioenergy). She coordinates international studies on the role of biofuels in the energy transition and in the decarbonization of transport, with special attention to the potential of sugarcane and other tropical crops in emerging economies.

She is a Commander of the Order of Rio Branco, Eisenhower Fellow, and a member of the Board of the Scientific Committee on Problems of the Environment (SCOPE), the World Bioenergy Association (WBA) and the Brazilian Bioenergy Society (SBE). She is a member of the Brazilian Delegation at IMO. She also participates in the Bioindustry Committee of FIESP (COMSAÚDE), the External Advisory Board of Embrapa Agroenergy and the Climate Action Agenda of the UNFCCC. At FAPESP, she served from 2008 to 2025 as Coordinator of the Bioenergy Research Program – BIOEN. Her work at the head of BIOEN and the SCOPE Bioenergy & Sustainability report was recognized by the UN among the 100 best global practices associated with the Sustainable Development Goals (SDGs), receiving the 5th Global Entrep Award.

She is the author of two books, more than 70 scientific articles, 15 book chapters, 11 international reports and 11 patents, consolidating a career dedicated to uniting basic science, technological innovation and public policies in favor of bioenergy and sustainability.



Dr. Gonca Seber Olcay

Researcher, International Council on Clean Transportation

Gonca Seber is a Researcher on the International Council on Clean Transportation's (ICCT) Fuels team. She holds a Ph.D. in Chemistry from the University of Massachusetts Amherst.

Her research focuses on life cycle assessment (LCA) of greenhouse gas emissions from transportation fuels and on techno-economic assessment of biofuel production pathways. Before joining the ICCT, she worked in these areas at the Environmental Economics Research Group at Hasselt University (UHasselt, Belgium) and in the Laboratory for Aviation and the Environment (LAE) at Massachusetts Institute of Technology. While at UHasselt, she conducted LCA for sustainable aviation fuels and contributed to the development of the International Civil Aviation Organization's CORSIA (Carbon Offsetting and Reduction Scheme for International Aviation) framework as an expert nominated by the United States.



Ms. Charlotte Morton OBE

Chief Executive, World Biogas Association

A practising lawyer for 10 years, Charlotte Morton studied for her MBA at London Business School before setting up a car club business, and then the business side of the Anaerobic Digestion and Bioresources Association (ADBA) in 2009. Given the even bigger global potential, which must be achieved if the Paris Climate Change targets, the Global Methane Pledge and UN Sustainable Development Goals are to be met, Charlotte played a pivotal role in establishing the World Biogas Association (WBA) in 2016 to promote and increase the rate of uptake of biogas globally. Charlotte was awarded an OBE in the 2022 Queen's Birthday Honours for her services to the biogas industry.



Dr. Jennifer Aurandt-Pilgrim

VP of Innovation, Marquis Management Inc

Dr. Jennifer Aurandt-Pilgrim is a scientist, innovator, and industry leader advancing the next generation of solutions from American agriculture. She serves as Vice President of Innovation at Marquis Energy, the largest dry-mill ethanol biorefinery in North America, where she leads the integration of carbon capture, utilization, and storage (CCUS), sustainable feedstock systems, and carbon dioxide conversion technology into the conventional ethanol platform—transforming a renewable fuel facility into a fully decarbonized bio-industrial complex.

Trained as a scientist, Dr. Aurandt-Pilgrim's career spans the laboratory, the boardroom, and international policy forums. She holds a Ph.D. in Biological Chemistry from the University of Michigan and has dedicated her work to deploying scalable technologies that connect American farming systems with bioenergy innovation. Her leadership emphasizes "Now-Near-Next" Innovation strategies, accurate carbon accounting, and measurable global sustainability frameworks.

Dr. Aurandt-Pilgrim currently serves as Vice Chair of the United Nations International Civil Aviation Organization (ICAO) Observers Group through the Advanced Biofuels Association, where she contributes to international standards development for sustainable fuels. She is a recipient of the U.S. Department of Energy(DOE) Secretary of Energy Achievement Award for her collaborative work with the DOE Bioenergy Research Centers. In 2025 she was appointed to the DOE Biological and Environmental Research Advisory Committee (BERAC). She also serves on the advisory boards of the Joint BioEnergy Institute (JBEI) and the Center for Bioenergy Innovation (CBI). In addition, she is the principal investigator for a DOE-funded demonstration project converting captured biogenic CO₂ into ethanol.

Through her work, Dr. Aurandt-Pilgrim focuses on bridging science and policy to ensure that fuel pathways deliver verifiable emissions reductions while strengthening rural economies. Her leadership illustrates how American ethanol can contribute meaningfully to global sustainability efforts across hard-to-abate sectors, including international transport.



Mr. Erdinç Altun

Sustainability Manager, Arkas Bunker

As the Sustainability Manager at Arkas Bunker, Erdinç Altun stands at the forefront of the maritime industry's green transition, driving the company's strategic evolution toward sustainable marine fuels. Blending the analytical rigor of a seasoned Environmental Engineer with the strategic acumen of a Master's in International Business, Erdinç possesses a unique ability to bridge the gap between complex technical compliance and commercial viability in the decarbonization landscape.

His expertise is pivotal in navigating the intricacies of Greenhouse Gas (GHG) accounting, managing ISCC certification lifecycles, and orchestrating the operational deployment of biofuels. Before bringing his talents to the maritime sector, Erdinç cultivated a robust track record managing high-stakes sustainability and energy efficiency portfolios for global manufacturing giants, including Ferrero, Mitsubishi Electric, and Tetra Pak.

At the IMO Technical Seminar, Erdinç represents Türkiye with a forward-looking perspective. He is dedicated to unlocking the potential of biofuels "beyond compliance," aiming to transform regulatory challenges into operational excellence and strategic advantages for shipowners worldwide.



Ms. Pınar Kılınç

Group Corporate Communication and Sustainability Manager, Ege Yeni Nesil Enerji

Pınar Kılınç Pınar Kılınç was the top graduate of the Public Relations and Publicity Vocational School at İzmir University of Economics. Then, she completed her bachelor's degree in Public Relations and Promotion at Ege University and her master's degree in Communication Studies at Ege University's Institute of Social Sciences.

In 2013, she worked as a lecturer at Gediz University, where she led courses such as "Crisis Communication," "Nonverbal Communication," and "Professional English." That same year, she started a PhD in Public Relations and Promotion at Ege University. During her doctoral studies, she was awarded a TÜBİTAK scholarship (The Scientific and Technological Research Council of Türkiye).

In 2017, she began working as Corporate Communication Specialist at Ege Yeni Nesil Enerji and its group companies. In 2021, she completed a "Corporate Sustainability" training program at Boğaziçi University Lifelong Learning Center. Pınar Kılınç has been leading the Corporate Communication and Sustainability departments since 2022. Starting in 2024, she has continued her role as Group Corporate Communication and Sustainability Manager at Ege Yeni Nesil Enerji.

She has published an international article titled "The Effects of Fair Marketing Practices" and contributed to two book chapters: "The Mediation Method in Diplomacy" and "A Study on Social Media Practices of Public Relations Agencies."



Mr. Mohammad Arif Kurniawan

Senior Manager Research and Business Development, Biro Klasifikasi Indonesia

During his professional job at BKI (Biro Klasifikasi Indonesia) since 2008, Arif Kurniawan held various key positions, starting from the Hull & Material Division and Plan Approval, progressing to Surveyor at the Surabaya Main Branch, and ultimately contributing within the Strategic Management and Research & Development Divisions.

His extensive experience spans numerous facets of the maritime industry, including the development of ship structural standards, wave analysis, environmental adaptation for vessels, and innovative projects such as LNG isotank engineering, smart green port digitalization, and in-depth studies on Dual Fuel Engines, Ship Recycling, and Electric Vehicle Carriers, fuel lifecycle label, biofuel lifecycle analysis etc . I'm also an active participant in research and development, evidenced by over 35 scientific publications covering crucial maritime topics.

My Commitment to professional growth is demonstrated through various specialized training programs, including Blue Carbon Accounting, Lite Inventory Hazardous Material, Sea Environment Workshop, Metocean Awareness, and comprehensive training in ANSYS and Finite Element Analysis. I'm also a former member of international forums the International Ship and Offshore Structures Congress (ISSC) as a Country Correspondent and Technical Committee Member, and a member of the National Task Force Glofouling IMO. With a robust combination of strong technical expertise, practical experience, and scientific contributions, I'm well-prepared to tackle challenges and deliver innovative solutions within the maritime industry.



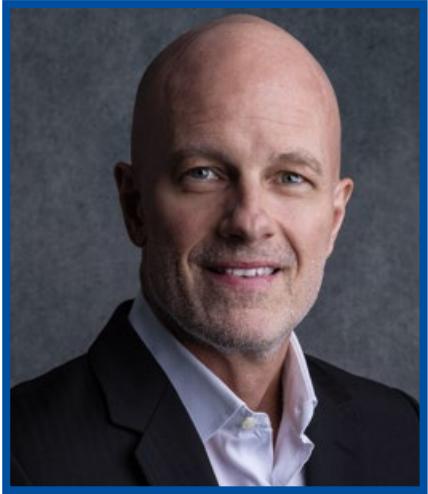
Mrs. Santi Manurung

VP Sustainability, PT Pertamina International Shipping

Santi Manurung is a senior energy and maritime executive with more than two decades of experience across the LNG and gas value chain, maritime transportation, commercial management, and sustainability within Indonesia's national energy industry. She currently serves as Vice President Sustainability at PT Pertamina International Shipping, where she leads the company's sustainability and ESG agenda in alignment with global decarbonization and maritime energy transition initiatives. Her career reflects a strong combination of strategic leadership and deep operational credibility, shaped through extensive involvement in LNG shipping, terminal and FSRU operations, gas delivery to power generation, and large-scale energy infrastructure management.

Throughout her professional journey, she has demonstrated end-to-end mastery of LNG and gas businesses, encompassing LNG plant development, asset utilization, shipping and chartering arrangements, cargo management, terminal and regasification operations, as well as complex commercial and contractual negotiations. She has played key roles in LNG Sales and Purchase Agreements, gas sales contracts, charter party negotiations, price reviews, and cost recovery mechanisms, while consistently engaging with regulators, joint venture partners, classification bodies, and international counterparties. Her leadership is characterized by a strong governance, risk, and safety orientation, supported by hands-on experience in HSSE, process safety, enterprise risk management, and regulatory compliance.

In recent years, her focus has expanded toward sustainability and energy transition, integrating operational efficiency, emissions reduction, and ESG principles into maritime and LNG operations. With broad international exposure through global energy forums and industry engagements, she brings a balanced perspective that bridges policy, regulation, and practical industry implementation. Her profile positions her as a trusted executive capable of representing corporate and national interests in international maritime and energy platforms, including forums under the International Maritime Organization.



Mr. Chris Chatterton

Maritime Advisor, Global Centre for Green Fuels and Maritime Ethanol and Methanol Alliance (MEMA)

Mr. Christopher Chatterton is a seasoned international executive with over 25 years of experience spanning energy, shipping, transportation, renewables, and chemicals across Asia, Europe, and the Americas. Since joining the Global Centre for Green Fuels (GCGF) in 2024, he has brought deep domain knowledge and commercial leadership to the Centre's mission of accelerating the transition to sustainable marine fuels.

At GCGF, Mr. Chatterton draws upon his extensive track record, including his tenure as Chief Operating Officer of the Methanol Institute, where he led global market development for methanol as a marine fuel and engaged closely with regulatory bodies such as the IMO, ISO, and national authorities to shape alternative fuel policy. Earlier, he served as Director for Group DF International, a vertically integrated energy and chemicals conglomerate, managing assets on behalf of a European family office with an annual turnover exceeding USD 5bln.

Mr. Chatterton has led successful capital raises and exits across the energy and agri-tech sectors, including three European IPOs. He remains active in the startup and innovation ecosystem as a founder, mentor, and board member, with a focus on sustainability, Scope 3 emissions management, and green infrastructure. Fluent in English, Russian, and Ukrainian, Mr. Chatterton has lived and worked extensively across Asia, including 13 years in Singapore, bringing a nuanced understanding of global markets. He holds a Global Executive MBA from HEC Paris and is a Certified Advisory Board Chairman.



Ms. Dorthe Marie Sveistrup Jacobsen

Principal Engineer, Everlence

Dorthe is a Master of Science in mechanical engineering, and she has a B.Sc. in both Leadership and Project Management. She is working as Principal Research Engineer specializing in emissions and regulatory affairs for Everlence (formerly called: MAN Energy Solutions).

She has worked 28 years with R&D of large two-stroke engines. She is active in several international industry organizations, including CIMAC and EUROMOT, and she has previously participated in ISO standards development for marine fuels. Dorthe also serves as a technical advisor to the Danish delegation at IMO environmental meetings, including MEPC and PPR.



Dr. Prapisala Thepsithar

Director, Projects, Global Centre for Maritime Decarbonisation

Dr Prapisala Thepsithar is a Director in the Projects team at the Global Centre for Maritime Decarbonisation and the lead for GCMD's assurance framework for drop-in green fuels initiative.

Prior to joining GCMD, she was the Research Lead and a Senior Scientist at the Maritime Energy & Sustainable Development Centre of Excellence in Nanyang Technological University.

Prapisala brings close to two decades of experience in the maritime industry, beginning as a Research Engineer with the Keppel Offshore and Marine Technology Centre. Her research areas include environmental technology (specifically air pollution and GHG emissions from the maritime industry), alternative fuels and energy sources for ports and ships, as well as biofuel quality and standards.

Prapisala sits on the Working Group for Marine Biofuels Standards and the National Mirror Committee for ISO Biofuels Standards, part of Singapore Standards Council's Chemical Standards Committee. She obtained her Ph.D. in Chemical Engineering (Environmental Technology) from the University of Manchester and holds a Master of Environment Engineering from Chulalongkorn University.



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