

## Short biographies of moderators and speakers

### IEA Bioenergy TCP ExCo96 Workshop

## Zero Emission Shipping

19 November 2025, Research Council of Norway, Lysaker

<p><b>Mark Brown</b> Chair IEA Bioenergy TCP</p>	<p>Mark has over 25 years' experience in forestry and biomass supply applied research and innovation. His work focusses on research implementation across forest product, bioproduct and bioenergy supply chains, integrating and adapting traditional product supply with emerging bioenergy, bioproducts and circular economy opportunities.</p> <p>Mark is an internationally recognised RD&amp;I leader in partnership establishment and development with diverse industry, government, and academic partners and has leadership roles in IEA Bioenergy in the Executive Core Group, and is currently the Chair and Biomass Supply Task Leader. Mark also provides leadership, governance, and management as an independent non-executive director with the Australian Forest Contractors Association, Social Chamber representative on the Standards Development Group for the Australian Forest Stewardship Council Standard, and as board member with the Australian Journal of Forestry.</p> <p>An overview of his positions: Professor of Forestry Operations, UniSC; Director - Forestry Research Institute - UniSC; Director - AFWI Centre for Sustainable Futures - UniSC; Chair- IEA Bioenergy TCP and Task Leader of the Biomass Supply Task within IEA Bioenergy; Director, GN Corporation Australia Pty. Ltd.; Non-executive director - Australian Forest Contractors Association; GAICD (Graduate of the Australian institute of company directors),</p>
<p><b>Tristan Smith</b> UCL</p>	<p>Tristan is a professor in energy and transport at the UCL Energy Institute and. He leads a research group focused on the decarbonisation of international shipping and attends IMO GHG meetings as a delegate of the IMarEST. He is an author of both IMO's third and fourth GHG studies.</p>
<p><b>Øyvind Sekkesæter</b> DNV</p>	<p>Øyvind Sekkesæter is a Senior Consultant in DNV's Environment Advisory section, based in Norway. He specializes in alternative fuels, energy-efficiency technologies, and decarbonization strategies for the maritime sector. Øyvind has contributed to several DNV studies, including IMO-commissioned impact assessments that have informed the development of global GHG regulations for shipping. He has also been a key contributor to DNV's Maritime Forecast to 2050, providing independent insights into future technologies and fuels shaping shipping's energy transition.</p>
<p><b>Andrew Klain</b> IEA International Energy Agency</p>	<p>Andrew Klain is an Energy Analyst at the International Energy Agency. He works on bioenergy and biomass supply chains. Previously he was a Senior Policy Analyst at Natural Resources Canada where he worked on several large policy and regulatory initiatives, such as Canada's Clean Fuel Regulations and Clean Electricity Regulations, the Clean Economy Investment Tax Credits, Canada's Green Building Strategy, and represented Canada in several international initiatives such as Mission Innovation, the Clean Energy Ministerial, and IEA Bioenergy TCP. Andrew has a Master of Arts in Political Science from the University of Calgary and a Bachelor of Arts with an Honours in Political Science from Mount Allison University.</p>
<p><b>William Nygaard</b> Mission Innovation Zero Emission Shipping</p>	<p>William Nygaard has prior experience in sectors ranging from management consulting, national and international NGOs and corporate business development.</p> <p>As an Adviser at the Research Council of Norway and a Member of the ZESM Secretariat, William's work delineates domestic and international R&amp;D&amp;I in the maritime sector, bilateral and multilateral governmental partnerships in deep sea R&amp;D&amp;D, and maritime research funding calls.</p>
<p><b>Luciana Salvatore</b> Petrobras</p>	<p>Luciana Salvatore is a specialist in supply chain decarbonization, Scope 3, and carbon accounting for product certification at Petrobras, as well as a member of the Brazilian delegation to the International Maritime Organization (IMO) since 2023. With 20 years of experience in engineering and project management, she coordinates projects in sustainable procurement, international certification (ISCC), and Scope 3 emissions inventory. A chemical engineer from the Federal University of Rio de Janeiro, she holds a master's degree</p>

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	<p>in Sustainable Procurement and Supply Chain Decarbonization and has been leading efforts to integrate regulatory affairs, business strategy and sustainability in the energy sector.</p>
<p><b>Tom Johnsen</b> Norwegian Ship Owners Association</p>	<p>Tom Johnsen is a Climate Advisor at the Norwegian Shipowners' Association. Tom works on the NSA's climate strategy and national and European climate measures. He also represents NSA on climate matters in ECSA, the European Shipowners' Association.</p> <p>Tom joined the Norwegian Shipowners' Association in 2025. Prior to this, he spent ten years at the Norwegian Ministry of Climate and Environment where he worked on decarbonizing the transport sector and green shipping. Tom was a Climate Counsellor at the Mission of Norway to the EU from 2020 to 2024. Previously, he worked in the Ministry of Trade and Industry, the Ministry of Foreign Affairs, and NUPI.</p> <p>Tom holds a master's degree in political economy from BI Norwegian Business School and a master's degree in European Affairs from Lund University.</p>
<p><b>Kaj Portin</b> Wärtsilä</p>	<p>Kaj Portin has been working within different development and managerial positions in R&amp;D in Wärtsilä since 1993.</p> <p>Since 2000, he has been working with new development of gas engines and alternative fuels. He is currently working as General Manager, Sustainable Fuels &amp; Decarbonisation heading the new technology development related to gas engines, alternative fuels, and flexible engine operation.</p> <p>He is currently a member of the CIMAC work group for gas engines, member of several expert groups within EU, and involved in the standardisation process of LNG quality.</p> <p>Kaj is passionate to show that the internal combustion engine provides an excellent platform for sustainable shipping and power generation.</p> <p>Kaj Portin has a Master of Science degree in Electrical Engineering from Helsinki University of Technology 1993 in Finland.</p>
<p><b>Sophie Delannoy</b> North Sea Port</p>	<p>Sophie Delannoy is a seasoned logistics professional with a rich background in the transportation industry. Her career has been marked by a dedication to enhancing supply chain efficiency, fostering innovation, and driving sustainable logistics practices.</p> <p>Driven by a desire to further contribute to the logistic transition, Sophie joined the cross-border North Sea Port company in 2022. There she runs the Sustainable Transport Fuels Program. She is currently involved in national policy discussions in Flanders and the Netherlands. Sophie's expertise lies in assessing port related opportunities where logistics &amp; energy are intertwined, for example port readiness for bunkerfuels and CO2 reduction roadmap for shipping.</p> <p>Bringing project partners together and translating top-down global &amp; EU policies to local reality and vice versa finding collaboration among local industries. Taking part in EU subsidiary programs, Sophie is involved in projects on electrification, sustainable fuels and clean energy hubs.</p> <p>In 2010 Sophie embarked on her logistics journey, joining Lineas, a leading European rail freight operator.</p> <p>Sophie's passion for logistics excellence and sustainability caught the attention of the Flanders Institute for Logistics (Vlaams Instituut voor de Logistiek - VIL). In 2020 she joined VIL as a project lead.</p>
<p><b>Blair Culph</b> Zespri International</p>	<p>Blair leads Global Supply Chain Development initiatives at Zespri, focusing on optimizing the current supply chain footprint and preparing for future growth. Blair's team oversees global shipping, in-market handling and distribution networks, and Zespri's low emissions shipping program.</p> <p>Blair has extensive experience in New Zealand's primary industry supply chains, initially in forestry and more recently spending 14 years at dairy company Fonterra - New Zealand's company. At Fonterra, Blair worked across the value chain, with a recent focus on supply chain transformation programs, including automation and network design.</p>
<p><b>Tom Walsh</b> Renetech</p>	<p>Tom has a Bachelor of Commerce degree from University College, Dublin, Ireland. He has spent most of my international career in management and innovation positions, in the telecom, industrial materials and bioenergy sectors. Before re-focusing to the area of Bioenergy (resource recovery) and co-founding Renetech Bioresources Ltd. (www.renetech.net ) in 2005, he spent 12 years at Ericsson. He has worked on the development of renewable energy and biofuel projects (eg. project definition, innovation management, research and commercialisation, partner and technology selection, financing, technical consultant/ advisor, project development etc.) in Sweden, Ireland, Germany, Spain, India, Vietnam and East and West Africa over the last nineteen years. He is the CEO of Renetech Bioresources Ltd. I represent Ireland on IEA Bioenergy Task 39.</p>

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	<p>For a more comprehensive profile please check Mr. Walsh's LinkedIn profile:  <a href="https://www.linkedin.com/in/tomwalsh/">https://www.linkedin.com/in/tomwalsh/</a></p>
<p><b>Duncan Akporiaye</b> SINTEFF</p>	<p>Duncan Akporiaye is Vice President Research at SINTEF with special focus on strategic development. He has a background in catalysis with PhD from University of Manchester. He is currently Director of Bio4Fuels, a national centre for environmentally friendly research, coordinating research within biofuels in Norway. He has been coordinator of several large EU consortia within Biofuels, including currently PyroCO<sub>2</sub>, a Green Deal project.</p>
<p><b>Roland Verhe</b> University of Genth</p>	<p>Roland Verhe is Professor Emeritus of Ghent University, Faculty of Bioscience Engineering, Department of Food Technology, Food Safety and Health, as a freelance scientific expert.</p> <p>He obtained a PhD in Organic Chemistry in 1972 at Ghent University. He was promoted professor at the Department of Organic Chemistry in 1983 and Head of Department until 2010. His research was first concentrated on organic synthesis and analysis and from 1995 on lipid chemistry and technology and from 2000 in biofuel from lipids. From 2005 he was scientific manager in Electrawinds and later Biopower for the refining of waste fats and oils.</p> <p>He was the coordinator of EU projects in renewable resources and production of drop-in-fuels produced from municipal solid waste (BIOREN)</p> <p>Actually, he is still scientific manager at Biopower for the refining of waste oils and fats for the production of power, HVO and SAF</p>
<p><b>Bernhard Drosig</b> BEST - Bioenergy and Sustainable Technologies</p>	<p>Dr Bernhard Drosig is Head of the Research Area "Biochemical Technologies" at the Austrian Research Competence Centre BEST - Bioenergy and Sustainable Technologies. He holds a position as Senior Scientist and Lecturer at BOKU University, the agricultural University of Austria. From 2016-2019 he was a Scientific Advisor at the Norwegian Institute for Bioeconomy Research (NIBIO). Bernhard Drosig did his PhD in Environmental Biotechnology on Biogas and has been active in Biogas Research and Consulting for 18 years. He has been active in IEA Bioenergy since 2010, currently he is Task Leader of Task 37 - Energy from Biogas.</p>
<p><b>Paul Bennet</b> Biowave</p>	<p>Paul started with BP in the UK as scientist in 1988 and held a series of roles in R&amp;D, Product Management, Policy Development, Strategy and Business Development. In 2005, he was part of a small team that established BP Biofuels business unit and has been working on bioenergy and biofuels ever since.</p> <p>In 2014, he took the role of Science Leader of the Clean Technology Group. Amongst the key activities of this Group has been bioenergy, for the example the development of New Zealand's Biofuels Roadmap, and a principle author of the Royal Society's "Climate Change Mitigation Options for New Zealand" report. During this time, Paul has been an active member of the International Energy Agency Bioenergy Group and was vice -Chair from 2018 to 2020, and Chair from 1 January 2021 for a 2 year period.</p> <p>Since June 2025, Paul has worked as a co-founder of Biowave, a company that aims to produce a drop-in biofuel for Heavy Marine Fuel Oil from wood.</p>
<p><b>Glauca Mendez Souza</b> University Sao Paolo</p>	<p>Dr. Glauca 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.</p> <p>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 &amp; Sustainability report was recognized by the UN among the 100 best global practices associated with the Sustainable Development Goals (SDGs), receiving the 5th Global Entreprs Award.</p> <p>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.</p>