Alternative fuels for the maritime sector: sustainability, regulatory and practical perspectives

27 November 2026 | 10:00 – 12:10 CET

TIME	SPEAKER	PRESENTATION
10:00 - 10:10	**Maria-Anna Charitopoulou** Chemical Engineer, MSc, PhD Research Associate (Centre for Research and Technology-Hellas, CERTH)	Introduction and speakers' presentation
10:10 - 10:35	**Georgios Stathakis** Adjunct Assistant Professor (National and Kapodistrian University of Athens, UoA)	Keynote Speech: Alternative fuels and their implications for maritime operations, chartering and investment
10:35 - 11:00	**Dominic Hudson** Professor & **Seyedvahid Vakili** Senior Research Fellow (University of Southampton)	Keynote Speech: Net-Zero by 2050: What the IMO's Net-Zero Framework Means for Your Fleet
11:00 - 11:15	**Panagiotis Andreou** Mechanical Engineer, MEng, PhD Assistant Scientist (Cyprus Marine & Maritime Institute, CMMI)	The Road to Maritime Decarbonisation: Net-Zero-Emissions-Cold Ironing and Beyond
11:15 - 11:30	**Paolo Sementa** Senior Researcher (National Research Council (CNR) – Sciences and Technologies for Sustainable Energy and Mobility (STEMS))	Next-Generation Marine Fuels: Thermodynamic and Practical Assessment of Ammonia and Methanol in Internal Combustion Engines
11:30 - 11:45	**Maria Tournaviti** Mechanical Engineer, PhD Research Associate (CERTH on behalf of NextFuel)	The NextFuel project: Electrification of Steam Methane Reforming for Biomethanol Production – Sustainability Aspects & Key Results
11:45 - 12:10	Moderated by **Maria-Anna Charitopoulou** Chemical Engineer, MSc, PhD Research Associate (CERTH)	Q&A Session (All speakers)