



MSc in Marine Science and Technology Management

Alternative Energy Sources in the Shipping Industry

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SPEAKERS

Gregory A. Dolan

Chief Executive Officer, Methanol Institute

Washington, D.C./Singapore/Brussels/Beijing/Delhi



Greg Dolan has held a variety of senior management positions with the Methanol Institute over the past 25 years, serving as CEO for the past decade. Mr. Dolan manages MI's offices in Washington, Singapore, Brussels, Beijing, and Delhi, while directing international governmental relations, media relations, public education, and outreach efforts. He has presented papers on methanol-related topics at more than 100 international conferences, authored magazine articles, and written book chapters on the methanol industry. Mr. Dolan came to MI after spending a decade in a variety of public information positions in New York State, with the Department of Environmental Conservation, the Energy Research and Development Authority, and the Department of Transportation. Mr. Dolan holds a Bachelor of Arts degree in Political Science from Boston University, and did extensive post graduate work in Political Communication at the State University of New York-Albany.



Dr. Kyriakos Maniatis



Kyriakos Maniatis worked under various functions in the Directorate General for Energy of the European Commission (DG ENER) from 1988 up to his retirement as Principal Administrator in April 2020. He was responsible for innovation and technical issues related to biomass, bioenergy, and biofuels. He managed the DG ENER demonstration component under the various Framework Programs of the Commission specialising in advanced biofuels. He regularly contributed to the legislative actions of the Commission regarding bioenergy and biofuels such as well as to several other related actions initiated by the Commission. Kyriakos led the Commission's standardisation initiatives for liquid and gaseous biofuels. He also was the low carbon fuels industry interlocutor for DG ENER. In this role Kyriakos undertook several initiatives in close coordination with the industry for the market deployment of advanced biofuels, including setting up the European Biofuels FlightPath in Aviation in 2011 and the Alternative Renewable Transport Fuels Forum (ART Fuels Forum) in 2017. He also led the work of the Sub-Group on Advanced Biofuels (SGAB) of the Sustainable Transport Forum. Kyriakos also represented the EC in the Executive Committee of IEA Bioenergy TCP up to his retirement and served as the ExCo Chairman in 2002 and from 2005 to 2007. He regularly organised workshops and conferences on these subjects, such as the International Conference on Lignocellulosic Ethanol and the EU-India Conference on advanced biofuels. He also Co-Chairs the tcBiomass conference organised by the Institute of Gas Technology in Chicago. As of 2014 Kyriakos has been the Industry Coordinator in the annual EU Biomass Conference and Exhibition. Since his retirement Kyriakos acts as an independent international consultant.



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Dr. John Kokarakis



Dr Kokarakis a 1979 graduate of National Technical University of Athens, holds PhD (1986) and Masters degrees in Naval Architecture (1983) and Mechanical Engineering (1984) from the University of Michigan. He worked for over ten years as a consultant undertaking technical problems worldwide. His specialization was in the area of technical investigation of marine accidents. In his capacity as a forensic engineer, he participated in the technical investigation of the Exxon Valdez grounding, the Space Shuttle Challenger disaster, the drillship Sea-Crest capsized, the Piper Alpha fire and explosion, the Aleutian Enterprise foundering in Alaska as well as many other accidents of less notoriety. In addition, he was a technical consultant for SEALAND, APL, MATSON Navigation, Chevron and other companies. The last twenty years he works in Greece, in the area of classification. Having served in the plan approval office of American Bureau of Shipping in Piraeus, he then joined Germanischer Lloyd heading their tanker and bulk carrier team in Greece. He is currently the Technical Director of Bureau Veritas in the Hellenic and Black Sea & Adriatic Zone. In his duties Dr. Kokarakis is responsible for the smooth technical operation in the Zone as well as in the harmonic cooperation with the BV offices worldwide to the benefit of the BV clients. He is a member of SNAME since 1976 and a Fellow of the Society. He is currently the Chairman of the Greek Section since 2014. He has also served as International Vice President of the Society and a Member of the Fellows Committee.



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Dr. Nikolaos Liapis



Dr. Nikolaos Liapis is a Mechanical Engineer, MEng NTUA and he holds a PhD in Chemical Engineering. His main areas of specialization are fuels and lubricants, tanker ships management, logistics and biofuels, as he has worked for more than 25 years in managerial positions in the Oil Sector. The last 15 years he was occupied as Chief Operations Officer in ELINOIL SA, an oil distribution company, as General Manager to ELIN SHIPPING, an affiliate shipping company, operating small tankers and as Chairman of BLUEFUEL SA, an affiliate LNG distribution company. He is highly experienced in project management, overseeing projects as biodiesel production plant design and construction, fuel depots, construction and tanker design and construction. Dr. Liapis is a coordinator and a member of committees of the Hellenic Petroleum Marketing Companies Association (SEEPE). He is a founding member of the Greek Association of Biofuel Producers (now SVIVE), Member of the Board of Hellenic Shortsea Shipowners Association (HSSA), Member of the Board of Hellenic Institute of Marine Technology (HIMT), member of the Downstream Committee of South East Europe Energy Institute (IENE) and member of the Lloyd's Register Technical Committee. He has been Chairman of the Steering Committee of the Marine LNG Network and of the Biofuels Technology Platform. He is a lecturer at University of Piraeus, and at Business College of Athens and has been a lecturer at Athens Metropolitan College Teaching Energy Policies, Maritime Logistics, Shipping and Strategic Management. He was a speaker at a significant number of conferences on energy, fuels, biofuels and shipping and he has been the representative of the European Biodiesel Board (EBB) in Greece. He is a writer of several books on nutrition, diet and cooking.



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Yiannis Moraitakis



Giannis Moraitakis has studied Marine Engineering in the Hellenic Naval Academy. He continued his studies in the National Technical University of Athens in the School of Electrical Engineering & Computer science. Later he received a master's degree in Electrical Engineering from the Naval Postgraduate School of USA, and an MBA degree from the University of Nicosia. He has served for 29 years as an officer in the Hellenic Navy, in various positions onboard ships and later in shore assignments as an engineer and electronic officer. He has been involved for more than 10 years in the design and implementation of newbuilding and middle life modernization programs of the Hellenic Navy. From 2010 until 2012 he was assigned as Director of Surface Programs in the Hellenic Navy General Staff. In 2014, he ended his career in the Navy with the rank of Commodore and worked as a technical manager in the NEARCHOS ship-management company. He joined Wartsila in 2018 in the position of Senior Sales Manager, responsible for the new building and large retrofit projects of the Greek market. He is mainly dealing with the implementation of new technologies such as electrification, hybrid, and alternative fuels on merchant vessels.



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Moderator

Dr. Ing. Stamatis S. Kalligeros



Associate Professor Stamatis S. Kalligeros a 1996 graduate of National Technical University of Athens, school of Mechanical Engineering, holds PhD (2002) from National Technical University of Athens, and Master's degree in Industrial Management (2000) from the University of Piraeus in association with the National Technical University of Athens. He worked for over ten years as a consultant undertaking technical problems, in private and public sector. He is the director of the Hellenic Naval Academy's Fuel & Lubricants Laboratory which is certified by ELOT EN ISO 9001:2015. His specialization is the influence of fuels & lubricants to the machines and to the environment. Stamatis is from 2006, the Technical Conveyor of the Hellenic's Organization of Standardization (NQIS-ELOT) National Committee for the Fuels & Lubricants. He is member of the Advisory Board for the Hydrogen Use of the European Committee for Standardization (CEN), representing the European Technical Committee for Natural Gas and Biomethane for use in transport (CEN/TC 408). He is member of the plenary committee of European Sustainable Shipping Forum (ESSF) appointed by the Directorate-General for Transport (DG MOVE), after evaluation, following an open tender procedure. He was also participated in the work of the Sub-Group on Advanced Biofuels (SGAB) of the Sustainable Transport Forum. He is external expert to the Directorate-General for Energy (DG ENER). He is member of the North Atlantic Treaty Organization's (NATO) Independent Scientific Evaluation Group (ISEG) appointed by the organization's plenary committee, after evaluation, following an open tender procedure. He is member of the Technical Committee for Engines and Powertrains of the International Federation for the Promotion of Mechanism and Machine Science. Stamatis is member of the Greek General Secretariat's for Research and Innovation (GSRI) Technical Council representing the Technical Chamber of Greece. He is author or co-author of more than 70 articles in international & national peer reviewed scientific journals and conferences with more than 2,000 references.