

GSCC 2024 *The 13th Annual Event*

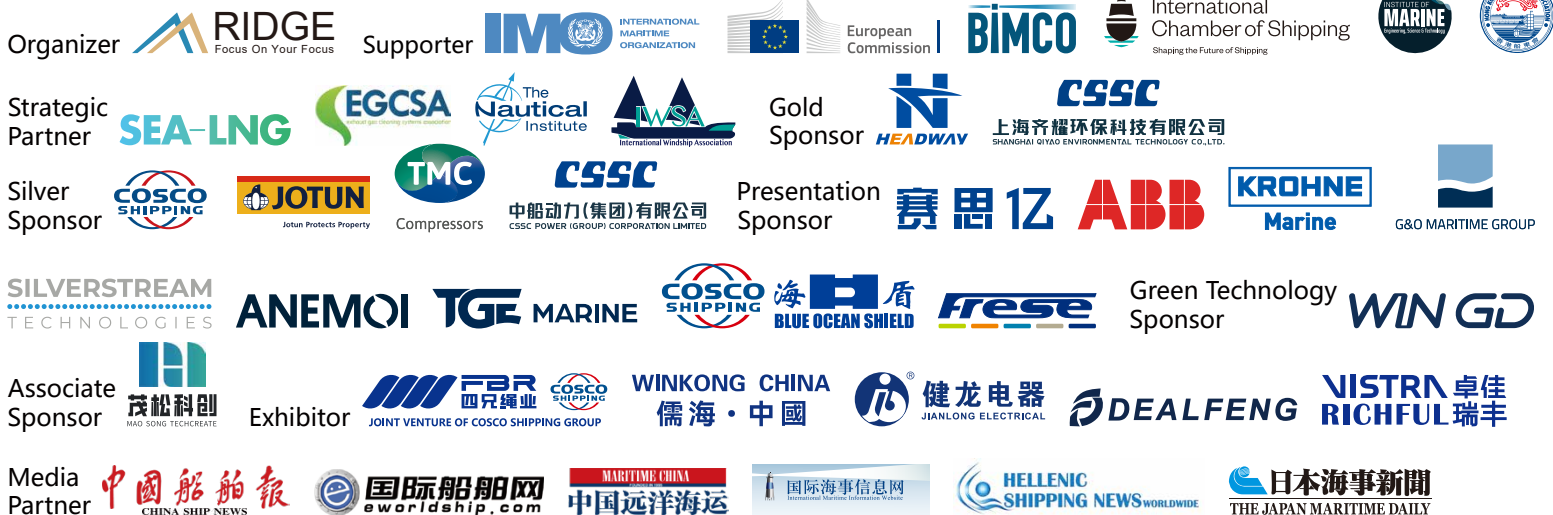
Green Shiptech China Congress 2024

September 26th-27th, 2024

Renaissance Shanghai Putuo Hotel Shanghai - China

THE MOST INFLUENTIAL GREEN SHIP TECHNOLOGY CONFERENCE IN CHINA

- ★ 350+ Delegates
- ★ 60+ Shipowners/Shipping Companies
- ★ 30+ Shipyards
- ★ 5+ Hours Free Discussion and Networking
- ★ Authoritative Analyses on Regulations and Policies by IMO, European Commission and China MSA



Background

Green Shiptech China Congress is the annual conference hosted by **Ridge China**. For our past GSCC 2012, GSCC 2013, GSCC 2014, GSCC 2015, GSCC 2016, GSCC 2017, GSCC 2018, GSCC 2019, GSCC 2020, GSCC 2021, GSCC 2022 and GSCC 2023, more than **4000** experts and decision makers from governments, classification societies, ship-owners, ship-yards, research institutes, technology/equipment suppliers and consulting companies have had in-depth discussion and communication on the current issues of IMO, European Commission, U.S. Coast Guard, China MSA's policies and regulations, designs and standards for new ship models, innovative and sustainable green ship technologies through this international platform of annual Green Shiptech China Congress.

In year 2024, over **350** industry experts, corporate decision makers and government officials will be engaged in in-depth exchange of views and discussions on the issues and topics that we concern by virtue of the international platform of **Green Shiptech China Congress 2024**.

Speakers From

- IMO
- European Commission
- China MSA
- Financial Institutions
- Maritime Research Institutes
- Solution & Technology Providers
- Shipowners
- Shipyards
- Classification Societies
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Hot Topics

- Policies and Regulations Update and Interpretate by IMO, European Commission and China MSA
- Alternative Fuel: The Pathway Toward Zero Carbon
- Green Footprint Ahead: KROHNE Marine EcoMATE Vessel Performance System
- Application of Battery Power Technology for Ship Power System (Typical Phip, Principle, Cases, Etc)
- Introduction of Onboard Carbon Capture System
- The World's First Full Process OCCS Case Sharing
- Frese FEULSAVE System application in Energy Conservation and Emission Reduction
- Wind Propulsion – Zero-emissions Shipping Solution
-

Who Should Attend

CEOs, Presidents, VPs,
General Managers,
Directors, Chief Engineers,
Senior Managers, Marine Architects,
Marine Engineers

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from

- Shipowners
- Shipping companies
- Shipyards
- Designers
- Maritime Research Institutes
- Classification Societies
- Vendors
- Ports / Harbour Authorities
- Solution Providers
- Law Firms
- Consulting Companies
-

Sponsor



www.headwaytech.com

Headway Technology Group (Qingdao) Co., Ltd. is a professional manufacturer and service provider of high-tech marine equipment. Specializing in a one-stop solutions to EGCS, CCSU, BWMS, FGSS, LFSS, marine communication and navigation and so on, Headway has obtained high recognition from clients. With more than 120 service stations in 56 countries and areas, Headway has been committed to providing timely technical support and service worldwide. As a market leader in innovative solutions, Headway continuously takes state-of-the-art breakthroughs to accelerate the development of decarbonization and environment protection technologies to safeguard global customers. Headway keeps Innovation for better Low Carbon Solution.



上海齐耀环保科技有限公司
SHANGHAI QIYAO ENVIRONMENTAL TECHNOLOGY CO., LTD.

www.qiyaoetech.com

SHANGHAI QIYAO ENVIRONMENTAL TECHNOLOGY CO., LTD. is a subsidiary of Shanghai Qiyao Technology Group Co., Ltd (Shanghai Marine Diesel Engine Research Institute). It is an industrial platform of marine environmental protection equipment of CSSC.

Qiyao Environ Tec is mainly engaged in the R&D, design, manufacturing, consultation and service of sophisticated environmental protection equipment of marine exhaust gas treatment, waste water treatment, solid waste treatment; and fuel supply system of LNG, LPG, methanol, ammonia, etc.

Qiyao Environ Tec holds the idea of supporting green-ship technology development, and is committed to providing GHG and pollutants emission reduction solutions for ship, in order to contribute to build a world of blue sea and clear sky.



www.jotun.cn/cn-zh

Jotun COSCO Marine Coatings (Qingdao) Co., Ltd. , A joint venture company between COSCO SHIPPING (Hong Kong) Co., Limited and Jotun A/S, offers sophisticated products and solutions that effectively prevent corrosion and fouling on any vessel within Mainland China and Hong Kong. The company is a full member of the Jotun Group, thus benefiting from its worldwide network with sales offices, factories and warehouses scattered in more than 80 countries around the world. Regional laboratories in China, South Korea, Malaysia, United Arab Emirates, United States of America and Norway bolster Jotun as a technology driven company with its head office and R&D department in Sandefjord, Norway.

Till now, Jotun COSCO owns a factory in Qingdao. It has established sales offices in Hong Kong, Guangzhou, Shanghai, Dalian, Qingdao and Fuzhou, complemented with stock points in Guangzhou, Shanghai, Zhangjiagang, Zhoushan, Qingdao, Tianjin, Qinhuangdao and Dalian. Jotun COSCO Marine Coatings is confident to provide our customers with the most suitable product and solutions through a rational distribution network.



Compressors

www.tmc.com

TMC Air compressors are designed especially for the marine & offshore industry, with excellent service 24/7/365 , for all products.

Ever since our first marine compressor was delivered in 1996, TMC has been at the forefront of the business. Our founding vision was to develop a powerful compressor system that would be durable and easy to maintain and keep client operational expenditure at a minimum. Over the years, TMC has grown to include a range of innovative, high-performance compressor systems that provide unsurpassed efficiency and reliability for the global marine and offshore industry.

Already in 2003 we introduced TMC Smart Air®, the first marine compressor with variable speed and great energy saving capabilities, leading the way to a greener future for the marine and offshore industries.

Our newest innovations are the TMC Air Lubrication Compressors and TMC System Solutions®, aimed at providing compressed air systems that meet all requirements for sustainability, monitoring, reporting and certifications.

TMC is headquartered in Oslo, Norway, with offices in Singapore, Korea and China. We have a large network of agents and service points all over the world, prepared to support our customers on their doorstep, wherever they are located.

Sponsor

WINGD

www.wingd.com

WinGD: Committed to the decarbonisation of marine transportation through sustainable energy systems
WinGD advances the decarbonisation of marine transportation through sustainable energy systems using the most advanced technologies in emissions reduction, fuel efficiency, hybridisation and digital optimisation. With their two-stroke low-speed engines at the heart of the power equation, WinGD sets the industry standard for reliability, safety, efficiency and environmental design, backed by a global network of service and support. Headquartered in Winterthur, Switzerland since its origin as the Sulzer Diesel Engine business in 1893, today it is powering the transformation to a sustainable future.

WinGD is a CSSC Group company
For more information visit: www.wingd.com

ABB

www.abb.com/marine

ABB Marine & Ports is at the forefront of driving the evolution of sustainable shipping. Electrical propulsion, data-driven decision support and integrated solutions for ship and shore from ABB are paving the way to a zero-emission marine industry, providing greater efficiency and reliability to shipowners, and preparing vessels to meet the demands of tomorrow. Our automation and electrical solutions are making port and terminal operations safer, greener and more productive. ABB Marine & Ports operates in 26 countries and has 2,300 employees.

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www.cssc-ses.com

CSSC Silent Electric System (Wuxi) Technology Co.,Ltd. is a mixed ownership enterprise founded by PhDs from Cambridge University. SES-Tech focuses on the design, manufacture, and delivery of key equipment for marine new energy electric propulsion system.

SES-Tech is a subsidiary of China State Shipbuilding Group (CSSC), with equity participation by two central enterprises, namely State Power Investment Group (SPIC) and Chengtong Group (CCT), and managed by an entrepreneurial team. As a core equipment supplier for electrification and intelligence of waterborne transportation, SES-Tech can provide low-carbon, efficient and cost-effective power solutions for customers in the field of research, engineering, passenger, transport and business vessels.

WINKONG CHINA 儒海·中國

www.winkong.net

WinKong Marine Engineering Co.,Ltd(WINKONG MARINE) was established in 2005, dedicated to be maritime service excellence provider of one-stop engineering solutions, providing platform-based service and full-lifecycle service mainly focusing on specialized, refined, differentiated and innovative technologies. Integrate information technologies such as " big data, artificial intelligence and internet of things ", deepen the supply chain service the industrial chain, promote the high-quality and coordinated development of services and commodities in all fields; explore " new technologies, new industries, new business forms and new patterns" in maritime industry with the five standards of " digitization, network, platformization, intelligence and standardization " ; build Service Excellence system and standard, and enhance systematic and diversified service capabilities.

KROHNE Marine

www.krohnechina.com/zh/industries/marine-industry

KROHNE Group is a global leader in development and manufacturing, providing innovative and reliable process instrumentation, measurement solutions, automation and services.

KROHNE Marine team, based in Norway, is a dedicated expert division with over 60 years of experience in the marine industry. KROHNE Marine systems are installed on a wide range of vessels, from small inland vessels to large seagoing ships.

KROHNE Marine offer in-house expertise by providing complete turn-key solutions. From engineering to commissioning, customers in all worldwide maritime hubs and shipbuilding countries benefit from KROHNE Marine's dedicated sales and service network.

Sponsor



wh.chi.coscoshipping.com

COSCO SHIPPING Heavy Industry Technology (Weihai) Co., Ltd (CHIT for short) / Nantong Ocean Ship Equipment Co.,Ltd. is a wholly-subsiary of COSCO SHIPPING Heavy Industry Co., Ltd, affiliated to CHINA COSCO SHIPPING CORPORATION LIMITED (COSCO SHIPPING). CHIT is committed to building a technical enterprise integrating R&D and manufacturing of high-end environmental friendly equipment. It has developed main products including Ballast Water Management System (BWMS), Marine Alternative Fuel Supply System (LNG FGSS/ FASS/ Methanol LFSS), Alternative Maritime Power System (AMPS), Exhaust Gas Cleaning System ,Methanol Dual Fuel Boiler,Marine Sewage Zero-Discharge Treatment System, Ballast Water Compliance Monitoring Device (CMD), PureAir Device, Industrial Wastewater Advanced Treatment System(CCR-AOP), UV Electronic Ballast, etc. CHIT owns a research and development team, a biological detection team and an optimization design team, and has established an electrical laboratory, an environmental laboratory, Marine Alternative Fuel Supply System test base, a ballast water test base. With more than 70 after sales service outlets in 30 countries around the world, CHIT is making every effort to provide the clients with high-quality design proposals and after-sales service throughout the products' service life.



www.silverstream-tech.com

Silverstream Technologies is a market-leading maritime clean technology company specialising in hull air lubrication. The company is headquartered in London with offices in Shanghai. The Silverstream® System reduces frictional resistance between the water and the hull surface, reducing net fuel consumption and associated emissions by an average of 5-10%. The system is unique in that it is the only proven air lubrication technology that can be retrofitted in 10 days or less, as well as being applicable to newbuilds. It lasts the lifetime of the ship, is complementary to and can be used in conjunction with other clean technologies, and return on investment is typically between two and five years.

Silverstream has successfully verified the savings that its technology creates through third-party assessment from organisations including Lloyd's Register, HSVA and the University of Southampton. Its customers include MSC, Maersk, Grimaldi, Shell, Vale, Carnival and ADNOC L&S, amongst other major industry names.



www.tge-marine.com

TGE Marine
THE GAS EXPERTS – Innovations for Greener Shipping
YOUR RELIABLE PARTNER FOR LIQUID GAS SYSTEMS

TGE Marine Gas Engineering is the leading liquefied gas systems' provider, specialising in the design and engineering of cargo handling systems and tanks for any type of liquefied gas carriers, bunker ships and FSRUs.

We work under Engineering Procurement Construction-Supervision (EPCS) agreements on liquefied fuel gas systems for LNG, Ammonia (NH₃) and future fuels. We are a pioneer in the dynamic field of LNG fuel gas systems, LNG bunker vessels and LNG floating storage and regasification (FSU, FSRU).

With our passion for innovation we are supporting the industry with technical solutions for a sustainable future, such as alternative fuels or CO₂ transport for Carbon Capture and Storage (CCS) projects.

TGE Marine's broad expertise in liquefied gas- and cryogenic systems is based on more than 40 years of engineering experience in the marine industry.



anemoimarine.com

Anemoi is a leading global supplier of Rotor Sail technology. Our mission is to accelerate the maritime industry's transition to zero-emission by harnessing the renewable power of wind. Our market-leading Rotor Sails are a proven solution for most vessel types, available now for newbuild and retrofit installations.

Rotor Sails are modern mechanical sails which, when driven to spin, harness the Magnus Effect to generate additional thrust for ships. The thrust generated can either provide additional vessel speed or maintain vessel speed by reducing power from the main engine. This results in reduced fuel consumption and lower emissions entering our atmosphere.

Sponsor



www.frese.eu/marine/en-GB

The family owned Frese Group was established in Denmark 1944. The company manufactures innovative flow control solutions for HVAC systems as well as Marine, Industry and District Energy markets all over the world.

As a system supplier of energy-optimised heating and cooling water systems for the marine industry, Frese has extensive knowledge of dynamic flow control, materials, and energy-efficient and cost-conscious use in many different applications. We offer our customers a range of products manufactured in materials, which are suitable for use in even the most demanding environments, including ballast water treatment, seawater cooling, desalination and offshore.

Frese FUELSAVE®

We have redefined what is possible in terms of achievable energy savings in your vessels' cooling water systems – which means fuel savings and less CO₂ emitted. Frese FUELSAVE® superior flow management system uses well-proven differential pressure control and balancing, providing the most simple and energy efficient cooling water system in the market. Maximise your CO₂ reductions and get considerable fuel savings without compromising the safety and reliability of your vessel.



www.dealfeng.com

Dealfeng New Energy Technology is a clean-tech company integrating research, development and manufacturing of marine energy saving and carbon reduction systems. At present, there are two product lines: Dealfeng® Rotor Sail and Dealfeng® Stream ALS (air lubrication system).

At present, Dealfeng company has the ability to manufacture and install Rotor sails of 2m / 3m / 4m / 5m in diameter and 8-35m in height, its independently developed Dealfeng® Rotor Sail system has been approved by the AiP certificates from LR, NK, CCS and has been issued the Certificate of Type Approval, Works Approval from CCS. Dealfeng® Stream ALS also has been granted by related certificates from CCS. Both products, as innovative energy efficient devices advocated by IMO to improve the energy efficiency indexes such as EEDI, EEX and the carbon intensity indicator CII of the ship, can be installed separately or used together, achieving an annual fuel saving of 10%-30%. Additionally, Dealfeng New Energy has completed the installation of Rotor Sails on two commercial vessels, it's estimated to reduce annual fuel consumption and CO₂ emission of about 6~10% along the coastal route of China. For more information, please contact info@dealfeng.com.



www.fbroke.com

Zhejiang Four Brothers Rope Co., Ltd.(FBR) is located in the Taizhou Bay National Economic and Technological Development Zone. On March 31st, 2021, COSCO Shipping International (Hong Kong) Co., Ltd. (00517.HK) increased FBR's capital and became one of its shareholders. FBR is a national high-tech and national "Specialized, Differentiated, Refined, and Innovative" small giant enterprise, and specialized "invisible champion" enterprise in Zhejiang Province.

Adhering to the business philosophy of "pursuing first-class quality and building a centennial brand", FBR has successfully participated in the marine emergency rescue system for the return capsule of the "Shenzhou Spacecraft", the mooring system for off-shore projects and ultra large vessels such as CNOOC '981", "Deep Sea No.1", "Sea Anemone No.1", 400,000DWT VLOC, 24,000TEU container ships, 174,000m³FSRU-LNG, "Adora Magic City" large luxury cruise.

FBR led the compilation of national standards such as Reduced Recoil Rope for Marine Mooring and Towing (GB / T43675—2024), and now has become a leading fiber rope enterprise in Asia.



gomaritimegroup.com

We are a group of sub system providers to the maritime industry, all developing high quality products and enabling our customers through the green transition in the maritime industry. We specialise in propulsion management, water & waste management, and tank management. We want to offer value to our customers through our deep technical expertise, through R&D and by understanding our customers' needs.

Sponsor



www.jlbox.com.cn

Jianlong Electrical is a high-tech enterprise specialized in providing ship-shore power connection system solutions. Developed a multi-capacity customizable ship-to-shore connection system, including AMP cable management reels, AMP socket boxes, portable cable management systems, high-current connectors and related products etc., which can support shore power connection requirements for different ship types including container ships, bulk carriers, cruise ships, and passenger rollers. Has participated in more than 300 shore-power projects on harbor side and over 200 shore-power projects on ship side successfully, and is in a leading position in the industry.



www.rfdy.hk

Richful Deyong was founded in Hong Kong in 2000. The branch offices are located in 13 major cities in Greater China, with over 200 professionals. Services include Hong Kong and offshore companies' formation, corporate structure, financial and accounting, taxation advisory, franchise application, listed company secretary, IPO and share registry, debt service, escrow & custody, wealth management, overseas trust and foundation establishment, HR & Payroll service, as well as comprehensive business, corporate and investor services.

Richful Deyong is a member of the Vistra Group. As a leading provider of essential business services to support global progress of companies and funds, Vistra has a network of offices spanning over 50 markets worldwide and boasts a team of 9000 local experts. Vistra manages more than 200,000 legal entities and \$395bn assets under administration. Its client profile includes 1400 Hong Kong listed companies, 50% of the Fortune Global 500 companies and 66% of the Private Equity International (PEI) 300.



www.sxmsti.com

Shaanxi Maosong Techcreate Co., Ltd. is located in Baoji City, Titanium Valley of China, covering an area of 115.7 acres. It is a national high-tech enterprise specializing in the research and development, production, and sales of titanium and titanium alloy products for ships, as well as a "Specialized, refined, unique, and new" enterprise in Shaanxi Province. The high-performance titanium and titanium alloy plates, bars, pipes, forged rings and other products supplied by the company have been applied to various working conditions in the field of ships. At present, the company has obtained qualifications and certifications in military industry, international aerospace, and other fields. Maosong will continue to open a new chapter in titanium for ships with technology, contributing Maosong's strength to building a maritime power.

















中船动力(集团)有限公司
CSSC POWER (GROUP) CORPORATION LIMITED

www.cpgc.net.cn

Agenda

Day One / Thursday, 26th September, 2024

- 08:50-09:00** **Chairman's Opening Remark**
 **Zhuang Wei**
 Regional Manager, Asia
BIMCO
- 09:00-09:35** **Policies and Regulations Update and Interpretate by IMO**
 **Huang Tianbing**
 Deputy Director, Subdivision for Protective Measures, Marine Environment Division
IMO
- 09:35-10:10** **Policies and Regulations Update and Interpretate by European Commission**
 **Annika Kroon**
 Head of Unit, Maritime Transport and Logistics, DG MOVE
European Commission
- 10:10-10:40** **Refreshment and Networking** 
- 10:40-11:15** **Policies and Regulations Update and Interpretate by China MSA**
 **Speaker to Be Confirmed**
China MSA
- 11:15-11:50** **Alternative Fuel: The Pathway Toward Zero Carbon**
 **Grayson Zhao**
 Maritime New Energy Dept Manager
Headway Technology Group (Qingdao) Co., Ltd.
- 11:50-13:30** **Luncheon** 
- 13:30-14:05** **Green Footprint Ahead: KROHNE Marine EcoMATE Vessel Performance System**
 **Tommy Gabe**
 Sales Director
KROHNE Marine
- 14:05-14:40** **Application of Battery Power Technology for Ship Power System (Typical Phip, Principle, Cases, etc)**
 **Wu Yunxiang**
 General Manager
CSSC Silent Electric System (Wuxi) Technology Co., Ltd.
- 14:40-15:15** **Introduction of Onboard Carbon Capture System**
 **Li Shengjie**
 Technology Department Manager
COSCO SHIPPING Heavy Industry Technology (Weihai) Co., Ltd. / Nantong Ocean Ship Equipment Co., Ltd.
- 15:15-15:45** **Refreshment and Networking** 
- 15:45-16:20** **Towards Decarbonization – Each Ship Type and Operation Profile Need Optimized and Future-proof Solutions**
 **Alf Kare Adnanes**
 General Manager, Marine & Ports Regional Division AMEA
ABB
- 16:20-16:55** **Marine Energy-Saving and Environmental Protection Products: Comprehensive Support for the Evolution of Green Shipping Power Solutions**
 **Yang Xinwei**
 Director of R&D
CSSC Power (Group) Co., Ltd.
- 16:55-17:30** **In-Service Support, Performance and Validation Strategies for Recent Installations of the Silverstream® System**
 **Speaker to Be Confirmed**
Silverstream Technologies
- 17:30** **Close of Day One**

Agenda

Day Two / Friday, 27th September, 2024

- 09:00-09:35 The World's First Full Process OCCS Case Sharing**
 **Johnny Dai**
 Product Manager
 Shanghai Qiyao Environmental Technology Co., Ltd.
- 09:35-10:10 WinGD Future Fuel Technology**
 **Andre Spicher**
 General Manager, Global Engineering Centre
 WinGD
- 10:10-10:40 Refreshment and Networking** 
- 10:40-11:15 Going Green with TMC Screw Compressors**
 **Chen Sheng**
 General Manager China
 TMC Compressors
- 11:15-11:50 House of Maritime Brands – Preparing for Future Fuels**
 **Rene Dalgaard Kristensen**
 Head of Sales
 G&O Maritime Group
- 11:50-12:25 Frese FEULSAVE System application in Energy Conservation and Emission Reduction**
 **Mikkel Grøndal Kreutzfeldt**
 Head of Sales, MEA & APAC
 Frese A/S
- 12:25-13:30 Luncheon** 
- 13:30-14:05 A Clean Hull Ensures Cleaner Operations**
 **Nikos Markakis**
 General Manager
 Jotun COSCO Marine Coatings (Qingdao) Co., Ltd.
- 14:05-14:40 Advancing Green Shipping: Innovations in LNG and Ammonia Fuel Solutions**
 **Jakob Nielsen**
 Senior Sales Manager
 TGE Marine Gas Engineering GmbH
- 14:40-15:15 Rotor Sail Projects & Benefits**
 **Nick Contopoulos**
 Chief Production & Partnerships Officer
 Anemol Marine Technologies Limited
- 15:15-15:50 Wind Propulsion – Zero-emissions Shipping Solution**
 **Gavin Allwright**
 Secretary General
 International Windship Association
- 15:50-16:05 Lottery Time** 
-  **Microsoft Surface Pro 9**
 **HUAWEI Mate 60 Pro**
 **HUAWEI MatePad Pro**
 **HUAWEI FreeBuds Pro**
- 16:05-16:35 Refreshment and Networking** 
- 16:35 Close of the Conference**