



GSCC 2026 *The 15th Annual Event*

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Green Shiptech China Congress 2026

October 15th-16th, 2026
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, U.S. Coast Guard and China MSA

Organizer



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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, GSCC 2023, GSCC 2024 and GSCC 2025 more than **4800** 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 2026, 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 2026**.

Speakers From

- IMO
- European Commission
- U.S. Coast Guard
- 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, U.S. Coast Guard and China MSA
- The Next Stage of Ship Energy Efficiency Management: Data-Driven and AI
- AI-Driven Voyage Optimization and Emissions Forecasting
- Innovation and Lifecycle Value of Advanced Marine Coatings
- Green Upgrades for Traditional Engine Technologies
- Ammonia-Fueled Vessels: From Design to Operation
- Wind-Assisted Propulsion: Commercial Deployment and ROI Analysis
- Marine Energy Storage Systems
- Ballast Water Management System Operation and Compliance
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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.qiyaoetech.com

Shanghai Qiyao Technology Group Co., Ltd., the industrial platform company of SMDERI, is a national leader in the ship and ocean engineering equipment sector. Dedicated to advancing global shipping's "energy upgrade" and "low-carbon transition", the company has broken through key technologies to achieve the large-scale and industrial development of core products. Its business focuses on five areas: Green Fuel Power System, Integrated Energy Efficiency Solution, Marine Environmental Protection Equipment, Core LNG Product, and Smart Marine Device. These key products are suitable for various oceangoing vessels and special ship types.

Supported by a self-developed technological portfolio and a global service network, our company provides solutions to top-tier shipowners and leading shipyards worldwide. The company also contributes to shaping international standards with its advanced technologies, steering the industry toward high-end, green, and intelligent development.



www.jotun.cn/cn-zh

Jotun COSCO Marine Coatings (Qingdao) Co., Ltd., a joint venture company between COSCO SHIPPING International (Hong Kong) Co., Ltd. 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 100 countries and regions 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 products and solutions through a rational distribution network.



www.greeninstruments.com

Green Instruments, founded in 1999, develops and manufactures monitoring equipment for emission control, water and gas analysis, hazard detection, and machinery protection. As pioneers in wash water monitoring and exhaust gas cleaning systems, compliance has been an integral part of our business during the last decade.

As regulations and environmental demands evolve, we empower ship operators and industry stakeholders with reliable, real-time insights optimized for reporting and strategic decision-making. Our solutions ensure compliance, improve operational efficiency, and enable savings on CO2 allowances and penalties. Furthermore, our products help operate in a safer, more efficient, and environmentally friendly way.

Green Instruments – turning real data into real results.



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

Sponsor

ABB

www.abb.com/marine

ABB's Marine & Ports division drives energy efficiency, safety, and a clean maritime future through electric, automated, and digital solutions. Our integrated solutions and lifecycle services for ship and shore help owners and operators of vessels and cargo terminals optimize performance, increase reliability and reduce emissions. From the pioneering Azipod® propulsion system to advanced automation and digital connectivity, we prepare the maritime industry to meet the demands of tomorrow.

With a team of 2,000 experts operating from 26 locations worldwide, we bring over 100 years of industry experience. To date, we have electrified more than 1,500 ships, automated over 1,700 container cranes, and digitally connected more than 2,000 vessels and terminals. At ABB, our mission is to help industries outrun—leaner and cleaner.

AURA MARINE

www.auramarine.com

Auramarine is a Finnish technology company and trusted fuel supply and auxiliary systems expert for the global marine and power industries. The company delivers reliable, high-performance fuel supply systems that help customers secure safe, efficient and compliant operations across changing fuels and regulations.

Auramarine's portfolio covers supply units for conventional fuels and greener fuels such as methanol, ammonia and biofuel, modular fuel system packages, and tailored engineered solutions that integrate seamlessly into both newbuild and retrofit projects. With a strong focus on lifecycle value, Auramarine supports customers from initial design and specification through commissioning, optimisation and ongoing service.

Known for its professionalism and reliability, Auramarine consistently provides proven customer value through innovative solutions that enhance operational efficiency and long-term performance. Headquartered in Turku, Finland, Auramarine has offices in Finland and China, additional service hubs in Singapore and the USA, and representatives in more than 25 countries, ensuring responsive global support wherever customers operate.

Frese

www.frese.eu

Founded in Denmark more than 80 years ago, Frese delivers innovative hydronic flow control solutions for energy-optimised heating and cooling water systems in the marine industry. Our valves are engineered for performance, reliability and efficiency in demanding environments such as seawater cooling, ballast water treatment, desalination and offshore.

Today, Frese is part of the Vexve Group – together, we lead the way in mission-critical valve solutions supporting the transition to a low-carbon future.

FUELTECH

PART OF G&O MARITIME GROUP

www.fueltech.gomg.com

FuelTech is a global engineering company specializing in fuel supply- and safety systems for dual-fuel maritime operations, with a strong commitment to environmental sustainability. The company serves engine manufacturers, shipping companies, and shipyards worldwide, delivering high-quality products and services designed to reduce emissions and support cleaner marine operations.

FuelTech's comprehensive product portfolio includes both high- and low-pressure systems, offering end-to-end solutions from concept development and engineering to commissioning, service, and aftermarket support. With more than a decade of industry experience and over 1,000 units delivered, FuelTech is established as a trusted and reliable partner in the global maritime sector.

Sponsor



www.theswitch.com

The Switch is an agile product supplier that provides custom electric machines and power electronics products to system integrators (SIs) and original equipment manufacturers (OEMs). Our products accelerate the switch toward net zero emissions in marine applications. The Switch is part of the BEMAC Group whose products are unified under the BEMAC brand. The Switch is the market leader in advanced PMM technology with more than 600 shaft generator orders for large ocean-going vessels. It also provides PM propulsion motors for electric vessels. The company also has 20 years of rugged, field-proved experience with marine drives with over 1,500 marine-specific single drives for marine applications up to 6 MW and DC-Hubs operating on hundreds of vessels. In addition, The Switch offers a full suite of unique, ultrafast protection devices for all energy sources.



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.



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.



ling-yuan.com

Agenda

- 08:50-09:00 | **Chairman's Opening Remark**
- 09:00-09:40 | **Policies and Regulations Updated and Interpreted by IMO**
- IMO's Net-zero emission strategy and latest developments
 - Global framework and implementation pathways for green shipping
 - Low-carbon transition and joint actions for 2050 shipping
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- 09:40-10:20 | **Policies and Regulations Updated and Interpreted by European Commission**
- EU shipping decarbonisation strategy and policy framework
 - Full implementation of EU-ETS and FuelEU Maritime compliance
 - Shore power, green fuels promotion and international governance
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- 10:20-10:50 | **Refreshment and Networking** 
- 10:50-11:30 | **Policies and Regulations Updated and Interpreted by U.S. Coast Guard**
- U.S. vessel pollution prevention regulations and compliance enforcement
 - Latest requirements for ballast water management and vessel emissions control
 - Oil spill response and maritime environmental cooperation
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- 11:30-12:10 | **Policies and Regulations Updated and Interpreted by China MSA**
- Latest progress in low-carbon regulation and ship energy efficiency
 - New energy ships and green fuel promotion
 - Ship pollution prevention and international compliance cooperation
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- 12:10-13:30 | **Luncheon** 
- 13:30-14:05 | **Beyond EEXI: Compliance & Asset Value**
- Analyzing operational impact of EPL
 - Ensuring ongoing compliance & PSC checks
 - Synergizing EEXI & CII management
 - EEXI's impact on vessel resale value
- 14:05-14:40 | **The Next Stage of Ship Energy Efficiency Management: Data-Driven and AI**
- Beyond CII: Using AI models to predict and optimize ship EEOI
 - Big data-based fleet energy efficiency benchmarking and performance management
 - The evolution towards automated and intelligent energy management systems
- 14:40-15:10 | **Refreshment and Networking** 
- 15:10-15:45 | **AI-Driven Voyage Optimization and Emissions Forecasting**
- Machine learning algorithms for route optimization
 - Integrating weather, current and port data for efficiency
 - Predictive emissions modeling for CII compliance
 - Real-world case studies of AI implementation
- 15:45-16:20 | **Autonomous and Remote-Controlled Vessels: Efficiency and Emissions Impact**
- Energy efficiency gains from optimized operations
 - Emissions reduction potential through precise control
 - Regulatory framework for autonomous vessels
 - Human-machine interface design considerations
- 16:20-16:55 | **Innovation and Lifecycle Value of Advanced Marine Coatings**
- The critical role of next-generation antifouling coatings in maintaining long-term CII ratings
 - Real-time coating performance monitoring and predictive maintenance
 - Economic models for coating selection considering both OPEX and CAPEX
- 16:55 | **Close of Day One**

Agenda

- 09:00-09:35 | **Green Upgrades for Traditional Engine Technologies**
- Technologies for reducing fuel consumption and emissions in existing low-speed and medium-speed engines
 - Engine retrofitting and upgrades to adapt to biofuels and low-carbon fuels
 - Smart tuning and digital monitoring to improve combustion efficiency
 - Latest advancements in engine waste heat recovery systems
- 09:35-10:10 | **Next-Generation Marine Engines: Multi-Fuel Adaptability and Intelligence**
- R&D progress in flexible engines capable of running on hydrogen, ammonia, and methanol
 - Predictive maintenance and health management for smart engines
 - Application of engine digital twins in optimizing fuel injection and combustion efficiency
- 10:10-10:40 | **Refreshment and Networking** 
- 10:40-11:15 | **Ammonia-Fueled Vessels: From Design to Operation**
- Key technologies & development roadmap for ammonia engines
 - Safety design & risk mitigation technologies for ammonia fuel systems
 - Technical deep dive: onboard ammonia storage & supply systems
- 11:15-11:50 | **Wind-Assisted Propulsion: Commercial Deployment and ROI Analysis**
- Review of available wind propulsion technologies
 - Fuel savings data from operational vessels
 - Return on investment analysis under various scenarios
 - Integration with conventional propulsion systems
- 11:50-12:25 | **Fuel Cells for Marine Applications: Projects and Progress**
- Types of fuel cells suitable for marine use
 - Power output and scalability considerations
 - Pilot project results and lessons learned
 - Future development roadmaps
- 12:25-13:30 | **Luncheon** 
- 13:30-14:05 | **Onboard Carbon Capture: From Pilot to Commercial Scale**
- Technical overview of marine carbon capture systems
 - Storage and offloading challenges for captured CO₂
 - Economic analysis: costs versus carbon savings
 - Regulatory status and approval processes
- 14:05-14:40 | **Marine Energy Storage Systems**
- Marine battery safety standards and certification processes
 - Integration optimization strategies for battery-electric and hybrid power systems
 - Application of ESS in cold ironing and peak load shaving
 - The application prospects of next-generation solid-state battery technology in the maritime sector
- 14:40-15:15 | **Ballast Water Management System Operation and Compliance**
- Compliance requirements and response strategies in different waters (e.g., USA)
 - System reliability and maintenance challenges in complex water conditions
 - Integration of systems with vessel design and space optimization
 - Foresight into future regulatory trends (e.g., stricter requirements for living organism indicators)
- 15:15-15:30 | **Lottery Time** 
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Microsoft Surface Pro 11



HUAWEI Mate 80 Pro



HUAWEI MatePad Pro



HUAWEI FreeBuds Pro
- 15:30-16:00 | **Refreshment and Networking** 
- 16:00 | **Close of the Conference**