



# Japan Green Challenge

**D a t e : March 25 th**

**T i m e : 4:00pm to 5:00pm Technical Presentation**

**5:00pm to 6:00pm Cocktail Reception**

**Venue : SANDS EXPO & CONVENTION CENTRE, Level 1 Power Stage**

**Free to Join**

## 16:00 / Opening Speech

Japan Ship Machinery & Equipment Association

Chairman **Mr. Kazuhiko Kinoshita**



## Technical Presentation

**16:05~16:15**

**YANMAR POWER SOLUTIONS CO., LTD.**

About YANMAR – Products & Technology for Sustainable Future

As a marine engine manufacturer, YANMAR is developing alternative fuel technology for our sustainable future. This presentation introduces our effort with Biofuel, LNG, Methanol, Ammonia and Hydrogen.



**16:15~16:25**

**Taiyo Electric Co., Ltd.**

OverHang Permanent Magnet Shaft Generating system

This presentation explains the structural features of our OverHang Permanent Magnet Shaft Generating System. The system offers various advantages, including enhanced maintainability and improved energy efficiency, and also contributes to reducing environmental impact.



**16:25~16:35**

**TOKYO KEIKI INC.**

Eco Friendly, Tokyo Keiki Products

Our mission is to always be aware of and develop environmentally friendly products. We are not satisfied with the status quo and are constantly researching to create better products. You will see Eco Solution of Tokyo Keiki products and enjoy our New Products information.





# Japan Green Challenge



## Technical Presentation

16:35~16:45

**BEMAC Corporation**

### Green Transition in Offshore and Marine Vessels through Power Management and Electrification

The maritime and offshore industries must reduce emissions while maintaining operational reliability. This presentation highlights how BEMAC supports greener vessel operations through power management and electrification technologies. By optimizing onboard electrical systems such as switchboards, power management systems, and dynamic positioning systems, BEMAC helps reduce fuel consumption and emissions. These solutions are applicable to both newbuild and existing vessels, offering a practical and cost-effective pathway toward a more sustainable maritime future.



16:45~16:55

**Mitsubishi Heavy Industries Marine Machinery & Equipment Co, Ltd.**

### GHG Reduction Solution

MHI Marine Machinery & Equipment (MHI-MME) will present its initiatives toward a decarbonized society in the marine industry. MHI-MME has already applied its MET turbocharger to various new fuel engines for verification testing, supporting the transition to cleaner fuels. As a pioneer in propeller retrofitting, MHI-MME offers proven energy-saving solutions, including package combining propeller, HVFC Eco Cap, and MARF (Mitsubishi Advanced Reaction Fin). MHI-MME also would introduce Engine Part Load Optimization (EPL) of the main engine including MET turbocharger especially for Container Vessels. These solutions highlight Japan's green challenges and MHI-MME's commitment to sustainable maritime operations.



Mitsubishi Heavy Industries  
Marine Machinery & Equipment Co., Ltd

17:00~18:00

**Cocktail Reception**



## Floor MAP

SANDS EXPO & CONVENTION CENTRE, Level 1



Here **POWER STAGE**

Organized by



Japan Ship Machinery & Equipment Association