Green Initiatives

Capital Group: A Diversified Shipping Platform

TOTAL : 173 Vessels

Approx. 19.0 million dwt / 4.3 million CBM LNG capacity / 181,359 TEU / 19,816 m2

GROUP FLEET

21 LNG Carriers

8 MGCs

52 Tankers

17 Bulk Carriers

2 VLACs/VLGCs

4 LCO2 Carriers

22 Offshore Vessels

44 Containers

Modern fleet with average age

~ 7.9 years [1]

New building program at attractive levels for LCO2s, VLACs/VLGCs, MGCs, PSV, LNG Carriers, Containers, Bulkers and Tanker vessels

[1] As of February 28, 2026, relates to the fleet in the water

Maritime Industry Committees and Associations

Our ship managers actively participate in various roles across 17+ industry committees and associations focused on innovation, safety, operations efficiency, and regulatory compliance.

AMMONIA ENERGY ASSOCIATION

Carbon Capture & Storage Association

ABS

MARTECMA

INTERTANKO

KR KOREAN REGISTER

LR

HELMEPA

CIMAC

MACN

PREVENTION AT SEA

SIGTTO

The Marshall Islands Registry

BIMCO

CCS CHINA CLASSIFICATION SOCIETY 中国船级社

sgmf sea change.

Green Innovation - Capital's Green Technology & Energy Transition Strategy

Leading the Shift Toward Low-Carbon Maritime Transport

- Fleet capable of transporting various of cargos including LNG, LPG, ammonia, butane, propylene, and liquid CO_2.
- Strategic focus on emerging trades like ammonia and CO_2, critical for decarbonization and global energy transition.
- Early adoption of dual-fuel propulsion and onboard carbon capture positions us as a first mover in green shipping.

Innovative Technologies and Initiatives to Reduce Environmental Footprint

- Investing in energy-efficient retrofits including hull improvement devices and low-friction antifouling coatings.
- Conducting technical studies on Rotor Sail integration to enhance wind-assisted propulsion.
- Research and development in onboard Carbon Capture and Storage (CCS) systems.
- Applying a long-term, research-driven approach to sustainable investment and operational excellence.

MIT Maritime Consortium - Founding Member

Maritime Industry Leaders join new MIT Maritime Consortium with a mission to drive forward research and development of groundbreaking technologies

The MIT Maritime Consortium was **formed to address critical gaps** in the modernization of the commercial fleet through **cutting edge interdisciplinary research.** It is a **unique collaboration between academia, industry, and regulatory agencies** committed to the development of **bold technological solutions, industry standards, and policies** that will create **competitive advantage in the maritime space and minimize environmental impact.**

The Consortium

- Launched March 2025 by MIT and key maritime leaders
- Founding Members: Capital Clean Energy Carriers Corp, ABS, HD Korea Shipbuilding & Offshore Engineering
- Innovation Members: Navios, Dorian LPG, Foresight Group, Singapore Maritime Institute

Research

- Data-Driven Analysis and Optimization
- Maritime Cybersecurity
- 3D Printing and Manufacturing for Maritime Applications
- Hydrodynamics
- Alternative Fuels
- Nuclear for Commercial Shipping

Maritime Emissions Reduction Center

The Maritime Emissions Reduction Centre (MERC) was established through the joint initiative of six founding members — Capital Ship Management, Navios Maritime Partners, Neda Maritime Agency, Star Bulk, Thenamaris, and Lloyd's Register Maritime Decarbonization Hub.

Joint Initiative:

MERC is dedicated to preparing today's fleet and maritime workforce for a greener future by:

- **Forging strategic partnerships** to accelerate the implementation of sustainable maritime solutions
- **Harnessing research and innovation** to drive practical, scalable emissions reduction strategies
- **Uniting diverse capabilities and perspectives** through collaboration across industry stakeholders

Key research areas include:

Our collaborative, multi-disciplinary research projects bring together **a wide range of vessel types and operational profiles** providing **a rich dataset** for advancing research in key areas such as:

- Energy and GHG efficiency technologies
- Digital solutions
- Operational best practices

https://www.m-erc.org/

Carbon Capture and Storage Technology - CCS

Innovative Carbon Capture Collaboration: Capital Clean Energy Carriers, ERMA FIRST & Babcock Unite on Carbon-Fit CCS System for LCO_2 Carriers

Capital Clean Energy Carriers Corp, ERMA FIRST and BABCOCK signed a Letter of Intent, to install a pioneering Carbon Capture and Storage (CCS) system, CARBON FIT, on board four new liquefied carbon dioxide (LCO2) carriers.

The ERMA FIRST CARBON FIT system holds Approval in Principle (AiP) from both Lloyd's Register and DNV.

Technology:

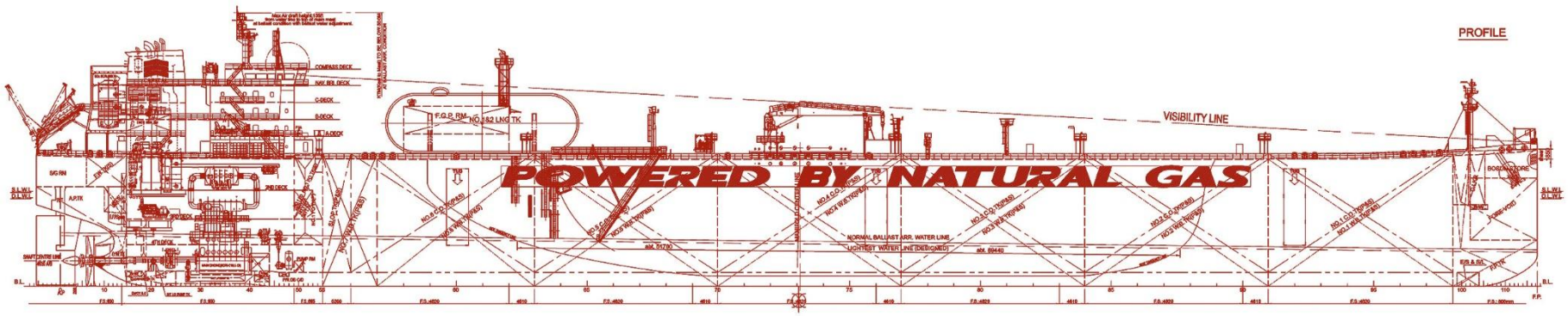
- **Absorption of CO2** from flue gases with the use of amine solvent
- **Separation of CO2** from amine for reuse
- **Liquefication** of the released C02 using Babcock LGE's ecoCO2® system
- **Storage** of liquefied CO2 on board

ERMA FIRST babcock™

Sustainable Port Operations

Capital Ship Management, in collaboration with Lloyd's Register, has successfully completed the world's first On-Shore Power Supply (OPS) Compatibility Assessment for tankers, representing a significant step forward in sustainable shipping practices

- **First-ever tanker OPS compatibility assessment** completed with Lloyd's Register.
- **Capital leads maritime shift to sustainable**, shore-powered port operations.
- Pioneering **compliance with California's CARB** shore power regulations.
- Ensures **future-ready Tankers fleet** meets environmental requirements.
- Sets global **benchmark for tanker shore power compatibility standards.**
- **Enhances operational efficiency**, cuts emissions, and avoids regulatory penalties.



Advancing Crew Training

Capital Group's Maritime Training Center – Chios, Greece - Revolutionizing maritime training with cutting-edge simulators, enhancing safety, skills, and sustainability for the industry's next generation of seafarers.

- **State-of-the-Art Facility:** Located at the port of Chios Island, the facility is designed to enhance seafarers' skills, reinforcing Capital Group's commitment to innovation, sustainability, and maritime leadership.
- **Pioneering XR Bridge Simulator:** In collaboration with FORCE Technology, Capital Group is introducing Europe's first Extended Reality (XR) Full Mission Bridge simulator, offering immersive training experiences.
- **Advanced Engine & Cargo Simulators:** Partnering with Kongsberg Maritime, the center will feature K-Sim Engine Room and Cargo Handling simulators, mirroring the K-Chief automation systems used across our fleet.
- **Commitment to Excellence:** This initiative underscores our dedication to driving innovation and excellence in maritime training, focusing on safe and sustainable operations.

FORCE TECHNOLOGY

KONGSBERG

Thank you