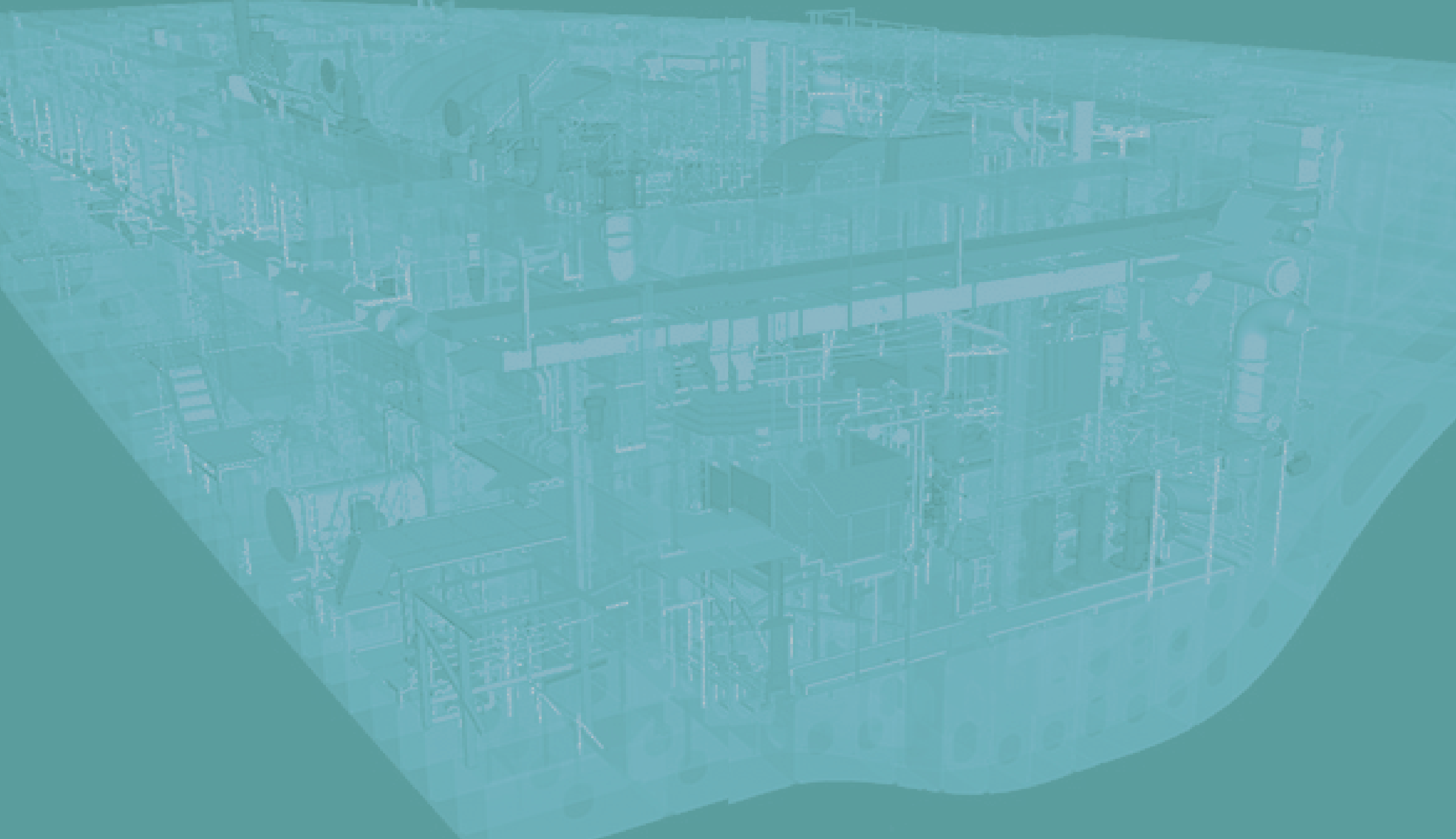


Marine Future Stream

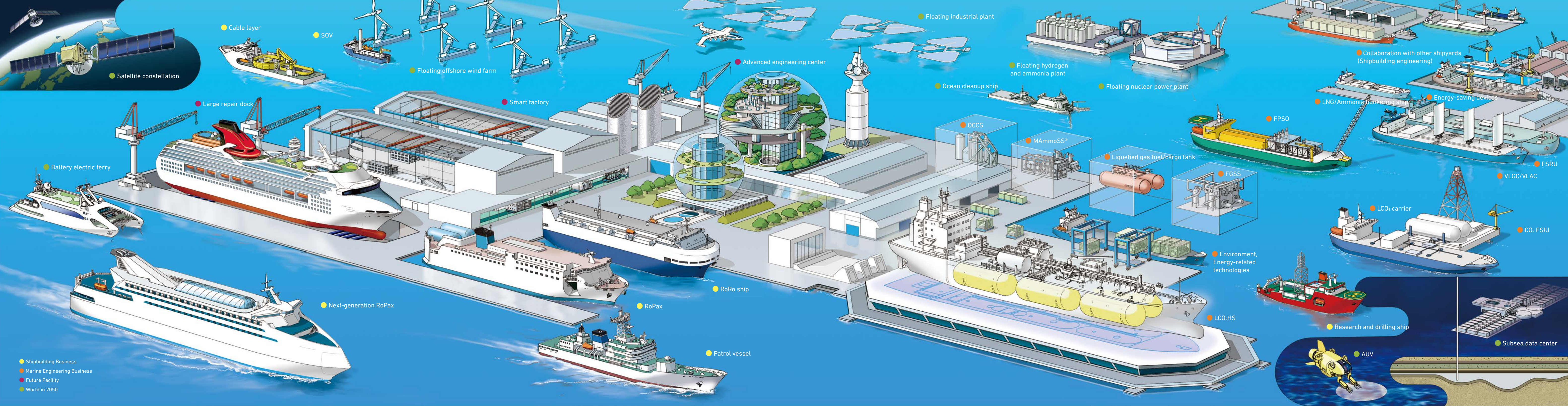


Mitsubishi Shipbuilding

The Mitsubishi Heavy Industries (MHI) Group supports the development of social infrastructure by decarbonizing industry and electrifying and deploying intelligent mechanical systems. As an MHI Group company, Mitsubishi Shipbuilding aims to strengthen its position as a marine systems integrator that generates innovation in marine-related engineering and service businesses beyond the conventional shipbuilding model.

Marine Future Stream

Based on the sustainable coexistence of people and the ocean, which covers 70% of the earth's surface, we established the Marine Future Stream vision for 2050, setting the goals of "safe and secure future for society" and "decarbonization of the maritime economy." Mitsubishi Shipbuilding will realize this vision for the 2050 future society by generating ideas for marine-related innovation through backcasting and bringing to life new technologies and services.

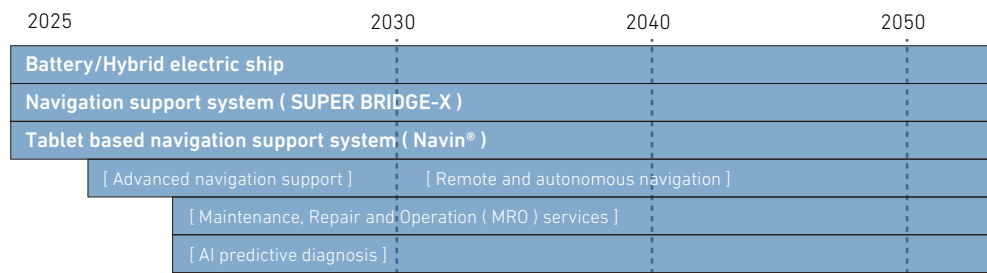


2050 Vision 01 Creating a Safe and Secure Future for Society

Digitalization of the Maritime Industry

Employing DX technology to create a safer and more efficient working environment for all involved in the maritime industry

Bold: Key Development Technology
[Thin]: Exploratory Technology Area

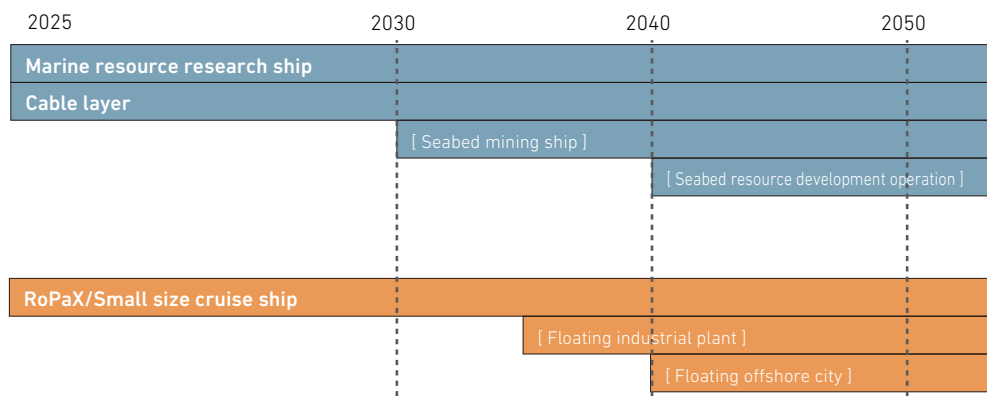


Acceleration of Offshore Resource Development and Utilization

Contributing to the safe development of offshore resources and environmental protection by proven technologies

Enhancement of User Experience on the Ocean

Enabling utilization of offshore space for enhanced passengers' experience



2050 Vision 02 Realizing Decarbonization of the Maritime Economy

Decarbonization of Ships

Expanding of the application of LNG and methanol as fuels, and working towards the utilization of ammonia fuel.

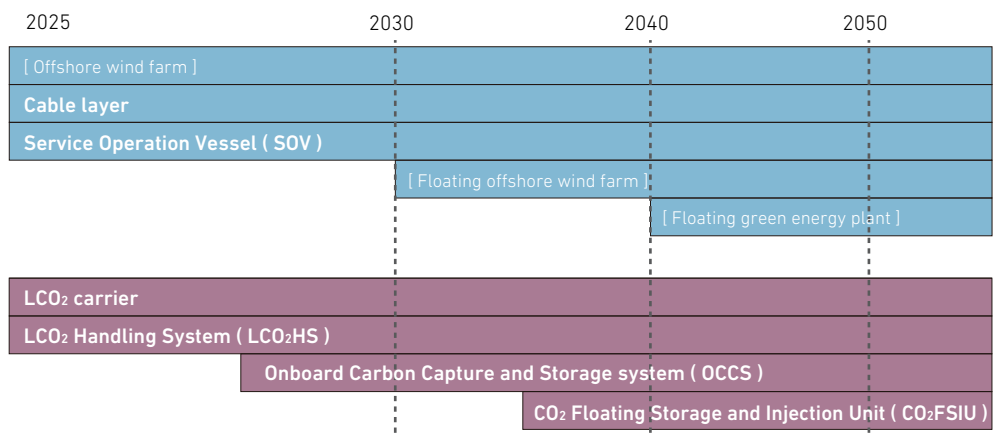


Expansion of Renewable Energy Utilization

Driving growth in offshore wind farms and production of green fuels utilizing renewable energy

Implementation of CCS/CCUS

Advancing CO₂ storage and utilization from captured industrial emissions





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