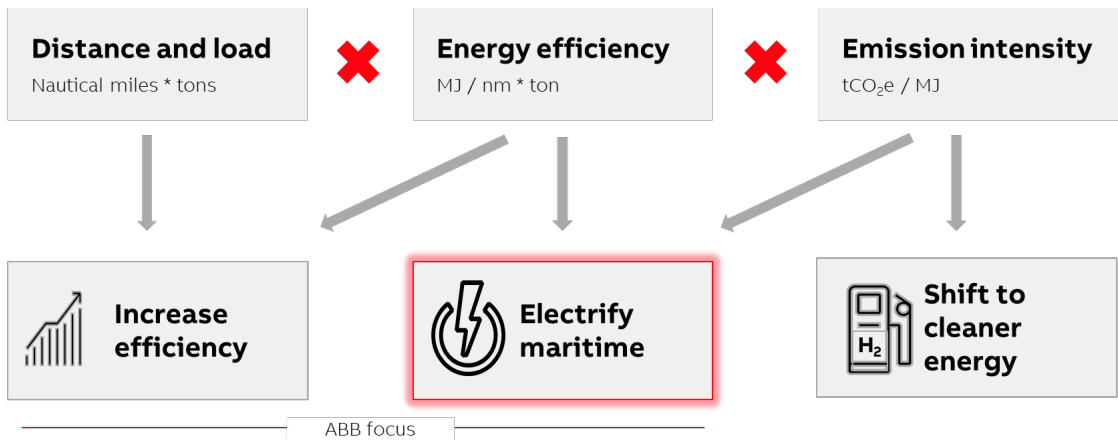


# Every vessel can contribute to decarbonization

한 가지 크기가 모든 사람에게 적합하지 않습니다. 탈탄소화 여정의 어느 단계에 있던 가장 실현 가능한 다음 단계에 집중할 수 있도록 도와드립니다.

## ABB solutions support customer decarbonization journey

해양 배출량은 이동 거리, 에너지 효율성 및 배출 강도의 결과입니다.



## 모든 선박은 입증된 솔루션을 통해 탈탄소 해양 산업에 계속해서 기여할 수 있습니다

### 상담 Consultation

- Regulatory compliance
- Feasibility studies
- Maximizing energy efficiency
- Minimizing carbon emissions

### 서비스 Services

- Lifecycle management
- 24/7 technical support & remote diagnostics
- Digitalization
- Maintenance, Spare parts
- Site surveys
- Training

효율성 향상 및 수명 주기 연장  
**Increase efficiency & extend lifecycle**

ELECTRIFICATION | AUTOMATION | DIGITALIZATION

### Modernization

- Modernizations to extend vessel lifetime
- Decarbonization projects to reduce fuel consumption and emissions

Electrification is the common denominator for connecting sustainable energy and maritime operations

Transition to electric drive trains and propulsion to enable the full scale of renewable energy modes and efficiency improvements



# Solutions for every vessel type

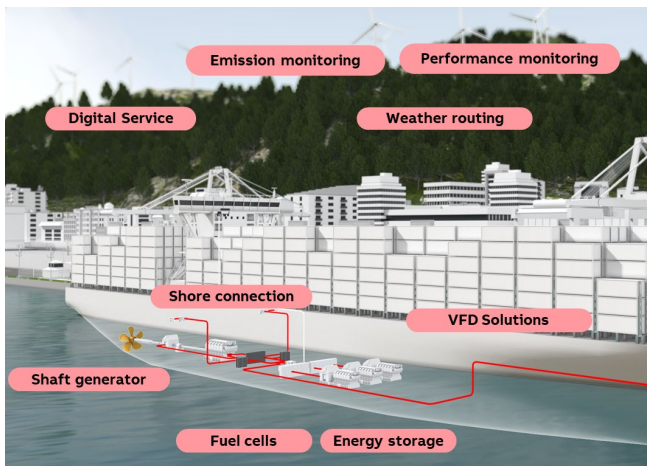
우리는 각 선박의 고유한 운영 요구 사항을 기반으로 탈탄소화 여정의 어느 단계에 있는 실현 가능한 다음 단계를 결정합니다.



## Cargo ships

Supporting your vessel for better energy efficiency, strong cargo safety, meeting regulatory demands.

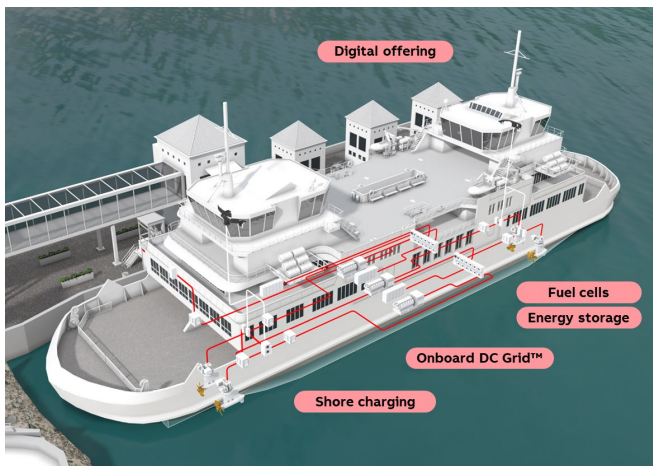
더 나은 에너지 효율성, 강력한 화물 안전, 규제 요구 사항 충족을 위해 선박을 지원합니다.



## Short-route ships

Operate closer to cities, harbors, and people.

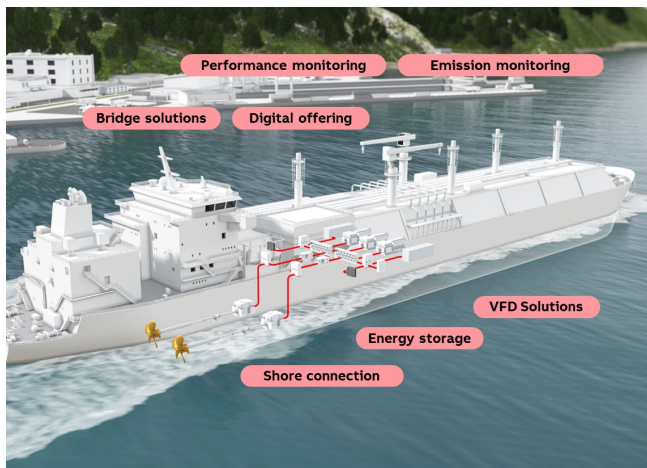
도시, 항구 및 사람과 더 가까운 곳에서 운영합니다.



## LNG Carriers

Increase cargo load with lesser fuel and improve total energy efficiency.

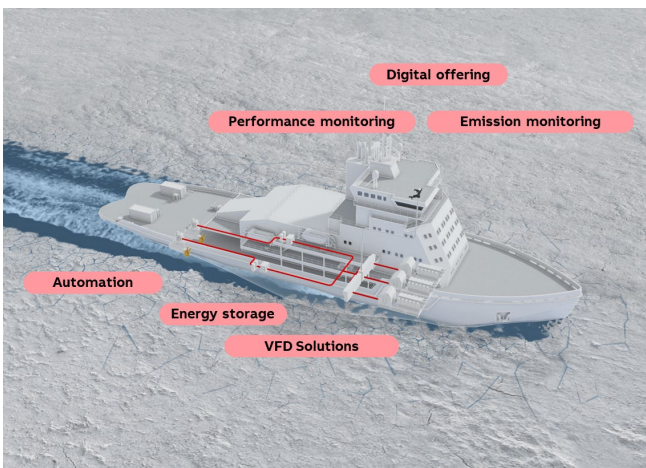
더 적은 연료로 화물 적재량을 늘리고 총 에너지 효율을 개선합니다.



## Icebreaking vessels

Improve efficiency of operations and operate in remote areas

더 적은 연료로 화물 적재량을 늘리고 총 에너지 효율을 개선합니다.

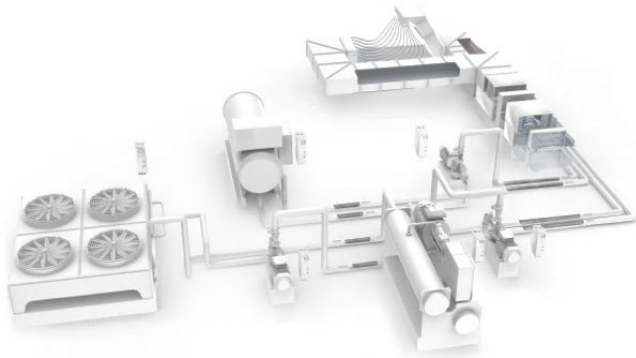


# Maritime is electrifying

입증된 솔루션과 전기화 분야에서 100년에 걸친 실적을 통해 ABB는 해양이 진로를 잃지 않고 안정적이고 지속 가능한 디지털 전환을 달성할 수 있도록 지원합니다.

## Energy Efficiency VFD Solutions

The ABB Variable Frequency Drive (VFD) solution reduces a ship's energy and fuel consumption, bringing savings in operational costs. **Average annual savings are 40-60%.**

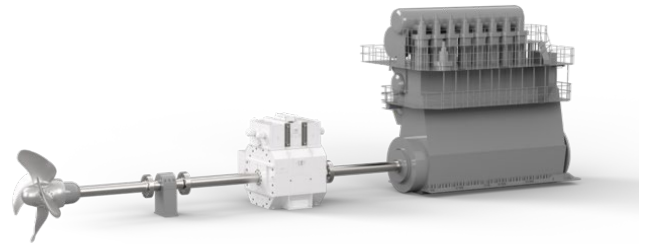


Applicable for:

<input checked="" type="radio"/> Cruise	<input checked="" type="radio"/> Ferry	<input checked="" type="radio"/> Cargo ships
<input checked="" type="radio"/> Drill ship	<input checked="" type="radio"/> LNG	<input checked="" type="radio"/> Short-distance

## Shaft Generator Solutions

By using the energy efficient main engine to generate electrical power (PTO), the shaft generator system can boost the main propulsion shaft (PTI), meanwhile provide Power take home (PTH) for an extra layer of redundancy.

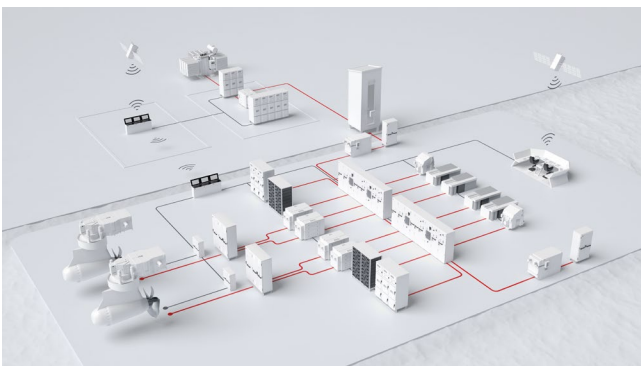


Applicable for:

<input type="radio"/> Cruise	<input checked="" type="radio"/> Ferry	<input checked="" type="radio"/> Cargo ships
<input type="radio"/> Drill ship	<input checked="" type="radio"/> LNG	<input checked="" type="radio"/> Short-distance

## Energy Storage System

Applicable to high and low voltage, AC and DC power systems, and can be combined with a variety of energy sources such as diesel or gas engines and fuel cells.



Applicable for:

<input checked="" type="radio"/> Cruise	<input checked="" type="radio"/> Ferry	<input checked="" type="radio"/> Cargo ships
<input checked="" type="radio"/> Drill ship	<input checked="" type="radio"/> LNG	<input checked="" type="radio"/> Short-distance

## Shore power

ABB offer full scope of shore connections and charging solutions from shore to full integration into the ships.



Applicable for:

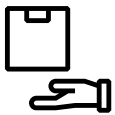
<input checked="" type="radio"/> Cruise	<input checked="" type="radio"/> Ferry	<input checked="" type="radio"/> Cargo ships
<input type="radio"/> Drill ship	<input checked="" type="radio"/> LNG	<input checked="" type="radio"/> Short-distance

# 귀하의 서비스

ABB Marine & Ports는 28개국에 있는 1200명의 서비스 직원이 전 세계 어디에서나 항상 고객을 지원합니다. 우리는 원격 기술 24/7 온콜 서비스를 강조하여 전 세계적으로 현지 서비스를 제공합니다.

## ABB Marine & Ports, at your service globally

Annually we complete:



Over **10 000**  
spare part  
deliveries



Over **2000**  
repair jobs



Over **1000**  
maintenance  
jobs



Over **100**  
big projects

## 문의 Get In Touch

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