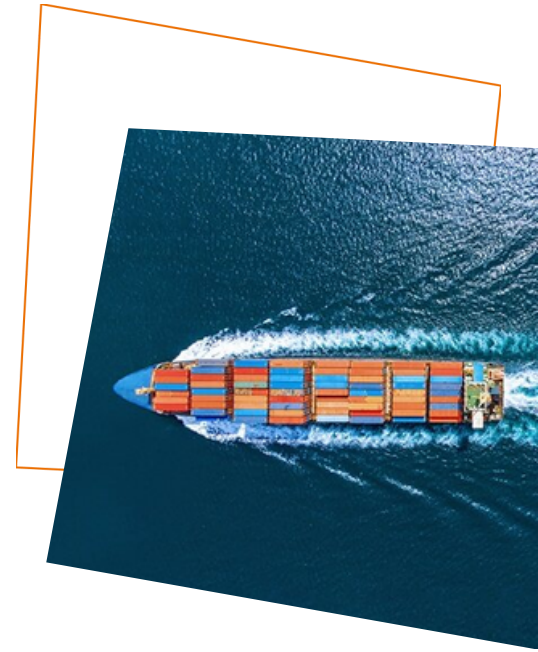


# Energy Efficiency Existing Ships (EEXI)

## Energy Efficiency Existing Ships (EEXI)

The IMO's Energy Efficiency Existing Ship Index (EEXI) regulations mandate new environmental standards for existing ships, presenting both challenges and opportunities. Normec Verifavia's EEXI solutions empower you to navigate these regulations with confidence, ensuring compliance while optimizing performance and minimizing operational impact. By combining deep regulatory knowledge with advanced tools like Computational Fluid Dynamics (CFD) and Overridable Power Limitation (OPL) systems (like EPL & ShaPoLi) supply & Installation services provided by our partners, you can achieve both environmental and economic goals, charting a sustainable course for your fleet.



## Understanding EEXI Compliance and Solutions

Effective from January 2023, EEXI enforces tighter CO2 emission limits per transport capacity. Shipowners can comply by using Engine Power Limitation (EPL), which physically restricts engine output, or Shaft Power Limitation (ShaPoLi), an electronic system allowing more flexibility. Other options include technical upgrades like propeller optimization and silicon coatings, as well as alternative fuels such as LNG or biofuels. Failure to comply can lead to costly penalties, detentions, and reputational damage.

## Why Choose Normec Verifavia?

- **Proven Experience:** Extensive track record in EEXI compliance and CFD simulations.
- **Reliable Solutions:** Fast, convenient OPL services to ensure compliance.
- **Global Network:** Experts with deep knowledge of maritime regulations and operations.

## Process

1

### Initial Consultation

We review your fleet profile and outline the EEXI compliance process

2

### Data Collection & Analysis

Gather data and calculate EEXI values

3

### CFD Simulations (Optional)

Estimate speed and performance using CFD

4

### Compliance Strategy Recommendation

Propose suitable compliance path

5

### Implementation & Verification

Assist with setup and verify compliance

**Ensure smooth EEXI compliance with expert support.  
Contact us for data analysis, CFD, and verification.**