

# Carbon tracking made simple with CarbonBoard

Monitor carbon emissions in accordance with the IMO Guidelines.

## Driving Change with CarbonBoard

Welcome to CarbonBoard, where marine efficiency meets environmental responsibility. Our pioneering solution simplifies regulatory compliance for marine vessels, offering accurate CII ratings, calculates Co2 emission and provides its detailed analysis. Join us in transforming maritime operations for a greener tomorrow.



## Innovate for Efficiency, Steer Towards Sustainability

### ◆ Navigating IMO regulations.

With a focus on IMO regulations, CarbonBoard ensures that your vessel's carbon emissions report format matches the format described by the IMO.

### ◆ Addressing emissions variations in different voyage conditions.

CarbonBoard calculates the Carbon Intensity Index for each voyage.

### ◆ Ensuring all correction factors are taken into consideration for comprehensive CII rating calculation

CarbonBoard meticulously includes all correction factors, ensuring compliance with stringent regulations both now and in the future.

## Emissions to Excellence: CarbonBoard's Benefits

### 1. Weekly, Monthly, Yearly Insights



Navigate long-term progress by visualising emission trends across different time frames. Empowering ship operators to make informed decisions through comprehensive data analysis.

### 3. CII Calculation



Empower decisions with instantaneous Carbon Intensity Index (CII) calculations for each voyage. Providing ship operators with the data they need for timely and well-informed choices.

### 5. Optimise Efficiency



Achieve optimal efficiency by identifying recurring emission patterns on a weekly basis or daily basis for fleet wise or individual vessels.

### 2. Daily Emission Data



Enhance operational precision by delving into daily emission data, gaining accurate insights that drive proactive adjustments and strategic decision-making.

### 4. Accurate Ratings for Sustainability



Streamline assessment by easily evaluating environmental performance with precise ratings. Showcasing your commitment to sustainability and operational excellence.

# Deep Dive into CarbonBoard's Key Features

CarbonBoard distinguishes itself with affordability, simplicity, and comprehensive functionality.

## Streamlined Ratings

Seamlessly calculate CII ratings compliant with IMO regulations.

## Total View

Cover all regulatory formats, gain a holistic view of vessel environmental performance.

## Data-Driven Insights

Analyse weekly or monthly fuel consumption data, steering strategic decisions.

## User-Centric Design

Simplified CII calculations and onboarding, ensuring a seamless experience.

## Data Safety

CarbonBoard employs state-of-the-art encryption and security measures, ensuring your sensitive maritime data remains protected at all times.

## Dedicated Expertise

Backed by a team of maritime and technology experts, we ensure you receive exceptional support and guidance every step of the way.

## CarbonBoard in Action

### 1 Efficiency Enhancement

CarbonBoard empowers fleet managers to identify fuel consumption patterns, enabling smarter resource allocation and reducing operational costs.

### 2 Regulatory Compliance

With a focus on IMO regulations, CarbonBoard ensures that your vessel's carbon emissions report format matches the format described by the IMO & EU-MRV

### 3 Data Formats Accepted

Whether the data is in noon format Or any other existing format of the company, or integration with the vessel API's or manual entry by the ship staff our software solution is versatile to accommodate all the formats and generate CII rating along with co2 emission.

## About Vedam

Vedam is a new-age engineering company dedicated to providing innovative design and technical solutions for global maritime companies. With a team of highly qualified designers, including Naval Architects, Marine Engineers, Professors, and Captains, we develop future-ready software that drives industry growth and benefits the planet. Over the past 16 years, we have delivered advanced marine, offshore, dredging, and LNG solutions to private, public, and governmental organisations worldwide.

## Design Services

- Ship Design
- Production Design
- Conversion & Retrofit Design
- Decarbonisation Studies
- Site Supervision
- Engineering Analysis (FEM, CFD, Mooring, Hydrodynamics)
- LNG-FSRU Projects
- Dredgers
- Marine Consulting
- 3DScanning
- IHM
- BWTS/Scrubber Retrofits
- ESD Studies

## Digital Solutions



CarbonBoard



Inspection app for efficient onsite and remote inspection



VR based access to your Ship and its documents/data



Easy rest

## Set Sail for Sustainability with CarbonBoard

Schedule a personalised demo today and take the first step towards reduced carbon emissions and optimised performance.

[Request Demo](#)

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