



# Master EU ETS compliance with OneOcean Risk Manager

Simulate, Plan and Monitor your  
exposure effortlessly in one platform



# Don't let EU ETS compliance slow you down

The EU emissions trading system (EU ETS) has been extended to the maritime industry, posing a new regulatory risk for shipowners, operators, and charterers.

This introduces added complexity to various aspects of the voyage. Negotiating commercial terms before the journey using estimates from Voyage Management Systems can be challenging, as can monitoring fuel consumption and emissions levels across different regions and borders. After the voyage, gathering information on consumption, tracking Union Registry transactions, and aligning them with actual EUA exposure presents its own set of challenges.

Although the primary responsibility for surrendering the EU Allowances lies with the owner, the regulations allow for reimbursement of the costs or allowances equal to the qualifying emissions from parties responsible for operating the ship.

Understanding your role and meeting the requirements is crucial to avoid non-compliance and potential financial penalties.

**How can you effectively handle EU ETS exposure and ensure compliance?**

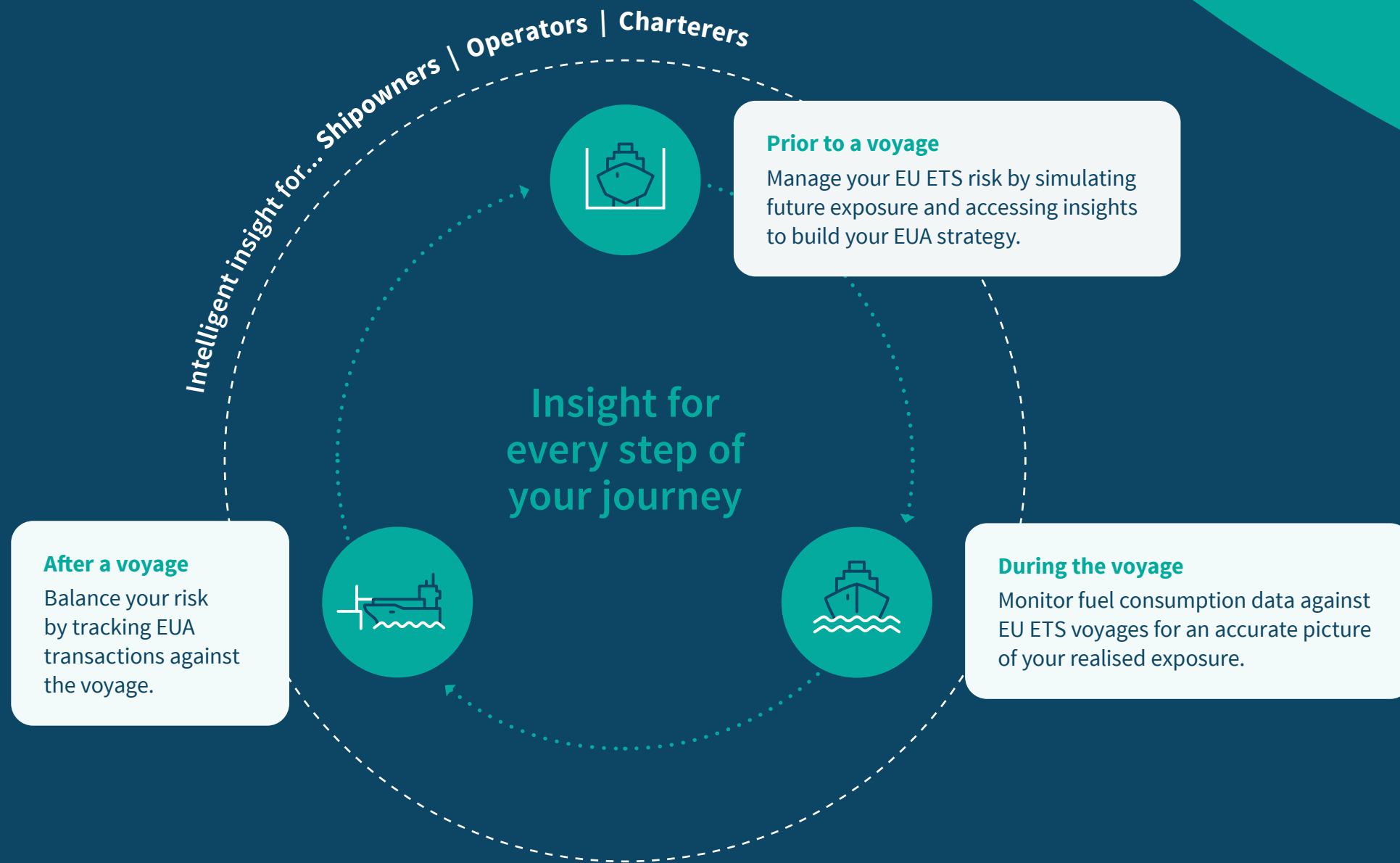
[Find out more about EU ETS](#)



# Introducing OneOcean Risk Manager

Access a complete view of your EU ETS exposure in one simple platform.

OneOcean Risk Manager leverages our extensive global experience in vessel routing backed by the industry's finest vessel models, weather forecasts, and route optimisation engine to help you accurately manage your EUA exposure.



# Take a holistic approach to managing EU ETS exposure

OneOcean Risk Manager provides everything you need to gain a comprehensive picture of your fleet, from initial simulations to change in exposure, across three key areas of functionality.



Track a vessel's realised exposure and CII score for each voyage, accessing comprehensive data through integration with LR Emissions Verifier.

- Define optimisation scenarios and voyage parameters
- Compare simulated scenarios to assess exposure
- Save voyages to a ship and allocate exposure to responsible parties
- Build multi-leg voyages
- Analyse EUA costs and CII impact for the voyage



Accurately estimate voyage exposure with our simulation tool, powered by industry-leading in-house vessel models and a multi-objective routing engine.

- Easily import Union Registry transaction data
- Gain insights and situational awareness of your total exposure from start to finish
- Visualise EUA balances to be surrendered and see your EUA burn rate
- Analyse data at the fleet or vessel level
- Obtain detailed voyage history and associated emissions statements
- Connect accurate forecast and actual exposure, with live spot prices and Union Registry accounting



Track a vessel's realised exposure and CII score for each voyage, accessing comprehensive data through integration with LR Emissions Verifier.

- Download consumption statements
- Access validation reports and consumption statements in one place by linking with your LR Emissions Verifier subscription
- View emissions history, historical voyages and reported data for a selected vessel enrolled with LR OneOcean Risk Manager

# Manage Fuel EU compliance easily with Risk Manager – arriving December 2024

We're actively developing Risk Manager's capabilities to ensure your organisation can overcome emerging challenges, such as FuelEU and UK ETS.

The addition of Risk Manager FuelEU will ensure you can easily understand and manage your FuelEU compliance status and strategy.



**Simulate**

Understand your voyages' emissions intensity based on fuel choices, charter party parameters, and operational scenarios, providing a clear projection of the impact voyages have on a vessel's overall emissions intensity.



**Plan**

Visualise FuelEU compliance at fleet and vessel levels aligned with GHG targets, and identify optimal pooling scenarios based on current or projected performance.



**Monitor**

Automatically ingest Noon Report data and choose to combine it with Bunker Delivery Notes for a holistic view of your compliance status.

# Choose LR OneOcean for a comprehensive, reliable, and forward-thinking approach to Emissions Management.

Our team includes experts in product development, performance modelling, and vessel operations, ensuring cutting-edge technology and exceptional service.

By aligning with Lloyd's Register's vision and values, LR OneOcean combines innovative digital solutions with deep industry expertise to optimise voyage performance, ensure compliance, and enhance operational efficiency.

LR OneOcean, a core division of Lloyd's Register, offers unparalleled digital solutions within the maritime industry



# Simplify your Emissions Management with Risk Manager



Visit [oneocean.com/riskmanager](https://oneocean.com/riskmanager) to find out more

