



# 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.

Intelligent insight for... Shipowners | Operators | Charterers

Insight for every step of your journey

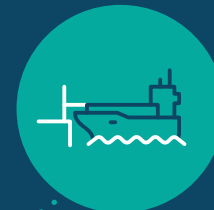
## Before a voyage

Manage your EU ETS risk by simulating future exposure and accessing insights to build your EUA strategy.



## During the voyage

Get a comprehensive view of your realised EUA exposure with accurate fuel consumption data.



## After a voyage

Balance your risk by tracking EUA transactions against the voyage.



# 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.



## Simulate

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



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



# 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.



## Plan

Quickly grasp your exposure and explore the underlying data with ease, ensuring alignment and efficient management of owed and outstanding balances.



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



# 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.



## Monitor

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

# Everything you need to succeed in one platform



## Subscription, users and fleet management

### Subscriptions\*

- Sign up your company and get access to the platform
- Sign up to subscriptions
- View enrolled vessels
- View users associated with the subscription

### Users\*

- Create users and assign roles/permissions
- Ability to edit and delete users

### Fleets\*

- Create fleets and add vessels
- Assign fleets to users
- Add/remove vessels to/from a subscription



## Voyage creation

### Create a Voyage\*

- Set your ports and departure/ arrival times
- Set your optimisation preferences
- Enter charter party terms and costs

### Compare Route Options

- Analyse route scenarios\*
- Compare EUA exposures and total operating costs\*\*
- Select and commit your preferred route scenario\*

### Voyage Details

- Enter the Voyage Number\*
- Set/create contacts responsible for exposure\*\*
- Allocate exposure to responsible parties and split exposure as required\*\*



## Voyage status

### Monitor Voyages

- Track and monitor fuel consumption data
- MRV data – Owners
- Noon Reports – Charterers and/or owners
- View vessel CII data
- Track simulated EUA exposure vs actualised

### Voyage Certificates

- Link LR Emissions Verifier to view certificates



## EU transactions ledger

### Company Account

- Full accounting of EUAs and exposure
- Understand balances in individual accounts
- Filter transactions for date, contact, vessel, voyage number and transaction type

\*Core features of the platform \*\*Features of OneOcean Risk Manager

# Everything you need to succeed in one platform



## LR OneOcean Risk Manager dashboard

### Balance Overview

- Exposure-to-date and forecast exposure
- EUAs owed and due
- Unallocated EUAs
- Runway date

### EEX Index Rates

- Live and historical EUA rate
- Blended EUA value

### Burn Rate & Runway Graph

- Monthly total exposure, EUAs received, sent and bought
- EUA Runway

### Import Union Registry transaction history



## Fleet view

### Maps View\*

- Filter vessels by fleet
- Hover over vessels for current status
- Select a vessel to expand the information window

### Information Window\*

- Live vessel data
- Ship particulars
- Voyage information – current, future and historical

### Search\*

- Quick search for vessels

### Generate Voyage\*

- Select to run voyage scenarios



## EUA balances and exposure

### Balances

- Balances listed by organisation
- Expand for voyage details
- Assign EUAs to a voyage
- Settle a voyage

### Quote

- Request a quote for EUAs from a trader

### Organisation

- Create or edit organisations, by name, Union Registry account number(s) and contact details

\*Core features of the platform

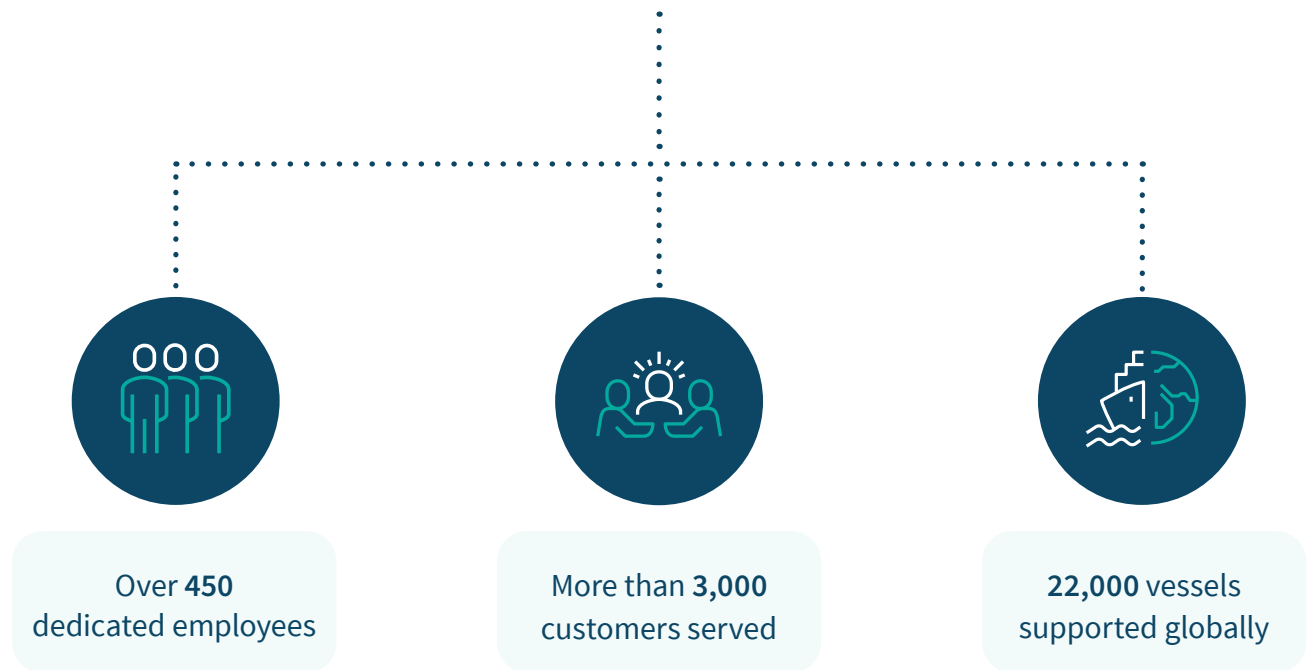


# Choose LR OneOcean for a comprehensive, reliable, and forward-thinking approach to Emissions Management.

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 OneOcean Risk Manager



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

