



Take control of FuelEU exposure and enable your strategy with Risk Manager

Simulate, Plan, Manage and Verify your
exposure effortlessly in one platform.



Don't let FuelEU complexities stand in your way

The EU's FuelEU Maritime regime introduces new regulatory challenges for ship managers, operators and charterers.

This new regulation adds another layer of complexity to decision making. Ship managers/ISM companies are responsible for monitoring well-to-wake emissions throughout the year to avoid exceeding emissions targets. This involves tracking fuel consumption, understanding the impact of fuel types, managing exposure owed by or due to third parties (operators and charterers) and planning pooling decisions ahead of the compliance window.

Charterers must assess the compliance balance of vessels on a voyage-by-voyage basis, as they are responsible for the fuel used. This impacts charter party terms, making fuel choice a critical consideration. They must also manage their FuelEU

exposure to the ISM companies on a voyage or time charter basis.

Operators need to monitor the Greenhouse Gas (GHG) intensity of the energy used on board their vessels, ensuring compliance with the required reduction targets.

Therefore, understanding the impacts of your fuel choices, actively monitoring your fuel consumption, and optimising your voyages are the first line of defense to managing your FuelEU exposure and building your strategy for today's and tomorrow's regulatory requirements.

How can you effectively manage FuelEU exposure and ensure compliance?

Find out more about FuelEU



Introducing Risk Manager.

Not just another compliance tool.

Access a complete view of your FuelEU exposure and balances in one simple platform.

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 FuelEU strategy.

Intelligent insight for... Ship managers | Operators | Charterers

Insight for every step of your journey

Before a voyage

Optimise your GHG intensity and compliance balance by simulating different fuel types per voyage.

During the voyage

Get a clear view of your realised GHG intensity and compliance balance with accurate fuel consumption data.

After a voyage

Balance your compliance cost against third-party organisations, request voyage reports from LR Emissions Verifier, plan ahead, and simulate the commercial impacts of banking, borrowing, and pooling.

Take a holistic approach to managing FuelEU exposure and compliance balance

Risk Manager provides everything you need to gain a comprehensive picture of your fleet, from initial simulations based on fuel choice to changes in exposure, and pooling scenarios across four key areas of functionality.



Simulate

Accurately forecast voyage exposure with our AI-driven simulation tool, powered by our leading machine-learning vessel models and a multi-objective routing engine.



Understand your voyage's GHG intensity and compliance balance by generating voyage scenarios with defined voyage parameters and fuel options.



Manage your fuel strategy and compliance balance by defining GHG intensity targets and minimising the financial impact of FuelEU.



Build and simulate multi-leg voyages on one easy-to-use platform.

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Plan

Easily understand your compliance balance and underlying consumption data while planning ahead and simulating the financial benefits of banking, borrowing, and pooling.



Visualise FuelEU compliance at both fleet and vessel level based on GHG reduction targets.



Identify risks and assess favourable pooling options based on current and projected performance.



Build a profitable FuelEU strategy by simulating third-party vessel pooling and securing early agreements to avoid surplus premiums.

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Manage

Gain actionable insights and full visibility into potential risks so you can adjust your strategy effectively.



Automatically ingest Noon Report data for a holistic view of your compliance status.



Track your vessels' GHG intensity and compliance balance as it develops, enabling informed fuel choices.



Easily track and settle compliance balances with counterparties.

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Verify

Gain access to verifier-validated voyage reports to enhance stakeholder alignment under FuelEU.



Simulate pooling scenarios and take control of your compliance balance ahead of regulatory deadlines.



Access voyage validated reports and consumption statements with our seamless integration with LR Emissions Verifier.



Easily submit year-end data to an independent verifier to facilitate annual verification.

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



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



Voyage creation

Generate a voyage

- Select to run voyage scenarios

Create a voyage

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

Compare route option

- Analyse route scenarios
- Optimise GHG intensity target and understand impacts
- Compare GHG intensities and compliance balances
- 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
- Customise deficit and surplus costs

Everything you need to succeed in one platform



Fleet and vessel overview

Fleet level

- Current average GHG intensity among all fleets
- Forecast of GHG intensity among all fleets
- Combined current compliance balance and cost
- Total forecasted compliance balance and cost

Vessel level

- GHG intensity per vessel
- Current compliance balance
- Potential penalty per vessel



Voyage status

Monitor voyages

- Track and monitor fuel consumption data
- MRV data – Owners
- Noon Reports – Charterers and/or owners
- View vessel CII data
- View voyage GHG intensity and compliance balance
- View voyage compliance

Voyage certificate

- Connect LR Emissions Verifier to view certificates



Fuel EU balances

Balances

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

Organisation

- Create or edit organisations, by name and contact details



Pooling

Pooling

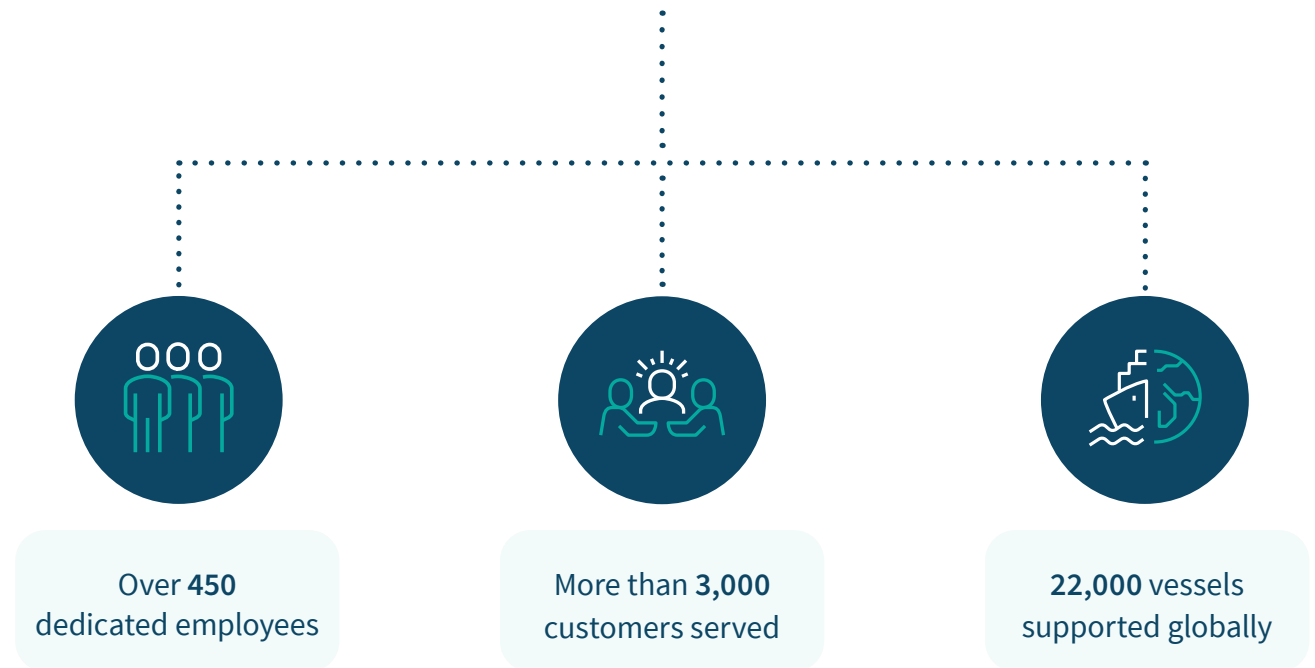
- Create optimised pools within your fleet
- Compare pooling scenarios
- Simulate with 'placeholder' external vessels
- Simulate banking, borrowing or paying penalty
- Show you vessel available to external pools
- View all 'available' vessels from 3rd party OneOcean users

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



Take control of emissions exposure and enable your strategy with Risk Manager.



Visit oneocean.com/riskmanager to find out more

