OneOcean LR

# Master FuelEU compliance with OneOcean Risk Manager

Simulate, Plan and Monitor 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.

**How can you effectively handle FuelEU exposure and ensure compliance?**
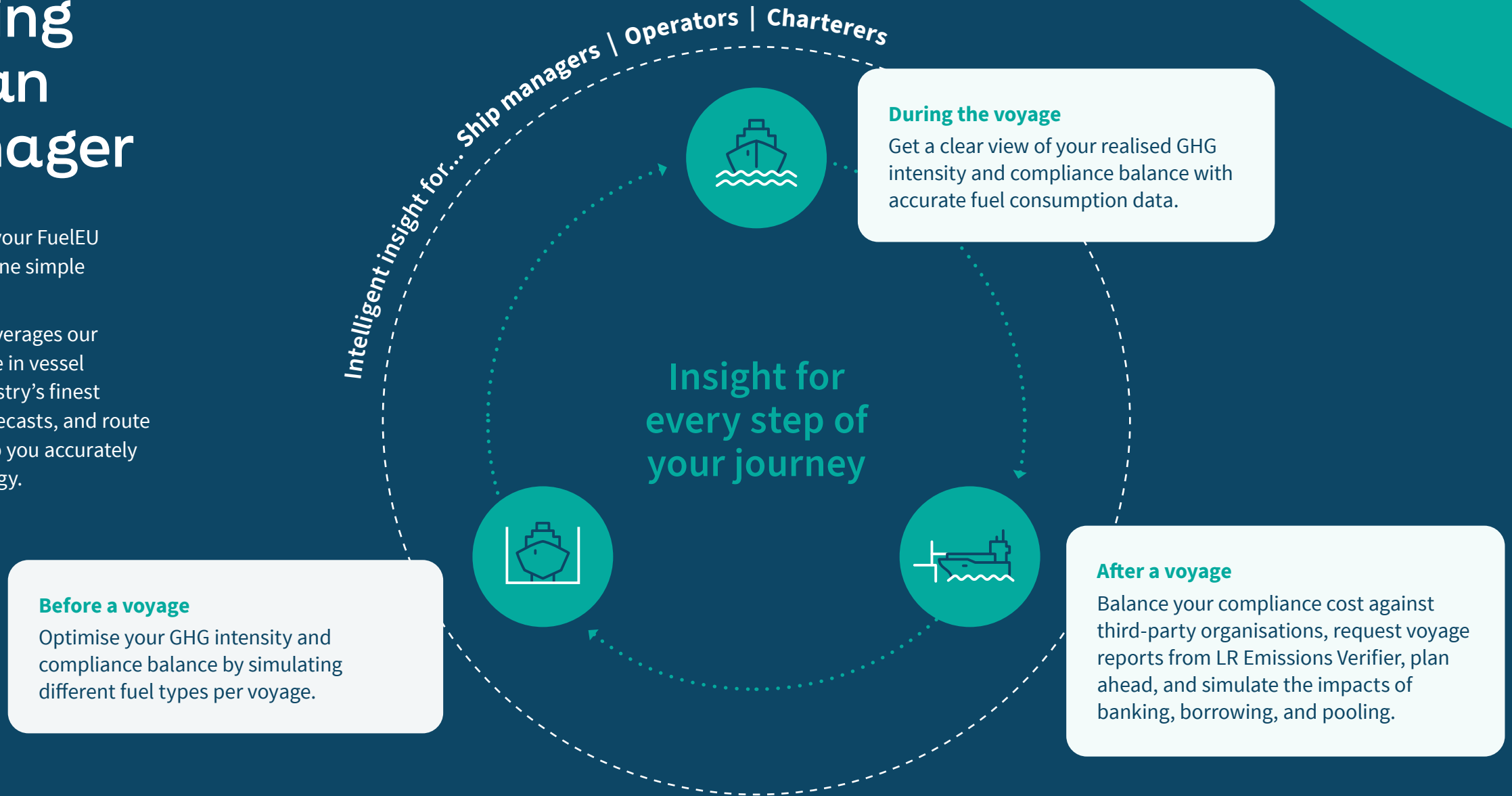
**Find out more about FuelEU**

# Introducing OneOcean Risk Manager

Access a complete view of your FuelEU exposure and balances 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 FuelEU strategy.

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

Insight for every step of your journey

**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 impacts of banking, borrowing, and pooling.

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

# Take a holistic approach to managing FuelEU exposure and compliance balance

OneOcean 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 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.

- 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 optimise your compliance balance by defining voyage GHG intensity targets

- Build multi-leg voyages

# Take a holistic approach to managing FuelEU exposure and compliance balance

OneOcean 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 three key areas of functionality.

## Plan

Easily understand your compliance balance and underlying consumption data while planning ahead and simulating the impacts 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
- Simulate pooling options with third party vessels

# Take a holistic approach to managing FuelEU exposure and compliance balance

OneOcean 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 three key areas of functionality.

## Monitor

Track vessels' realised compliance costs, balance your exposure, and access comprehensive voyage validation statements through our integration with LR Emissions Verifier.

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

- Gain insights into past performance by exploring historic voyages and reported data

- Understand consumption for each voyage and identify factors driving intensity, compliance balance, and costs

- Access validation reports and consumption statements in one place by linking with your LR Emissions Verifier subscription

# Everything you need to succeed in one platform

## LR OneOcean Risk Manager

### 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
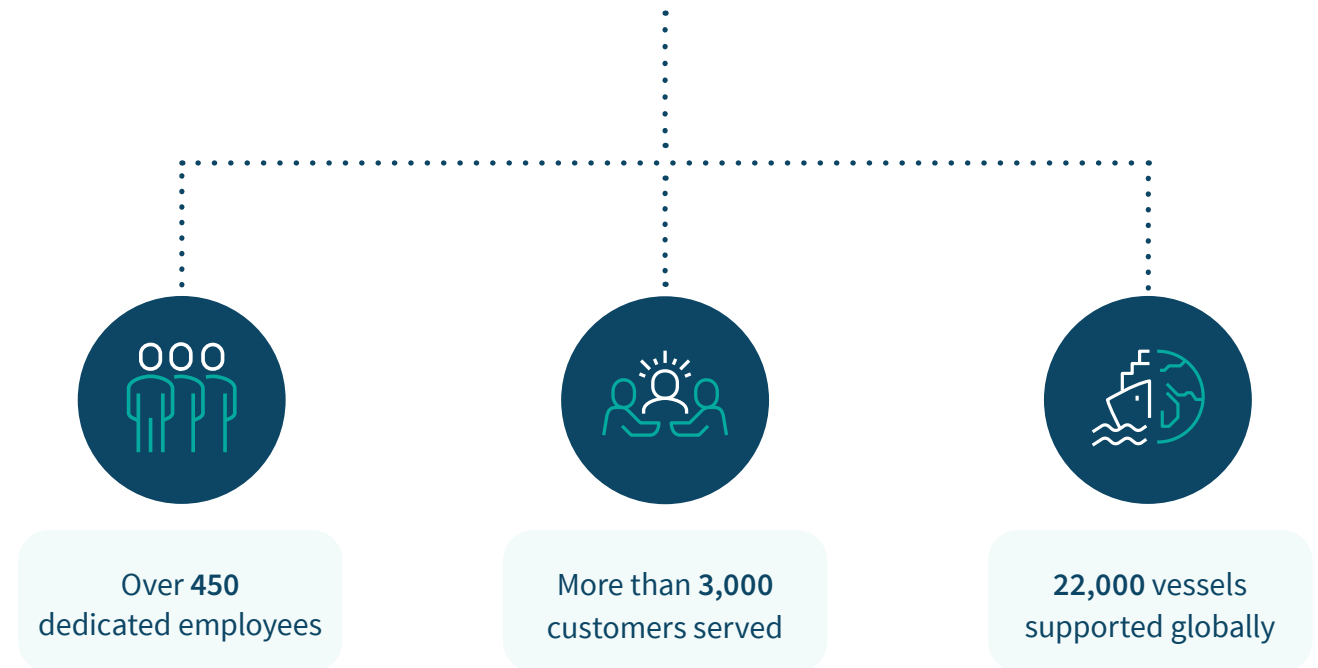
**Pooling**

**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

Over **450** dedicated employees

More than **3,000** customers served

**22,000** vessels supported globally

# Take control of your Emissions Management with OneOcean Risk Manager

**Visit oneocean.com/riskmanager to find out more**