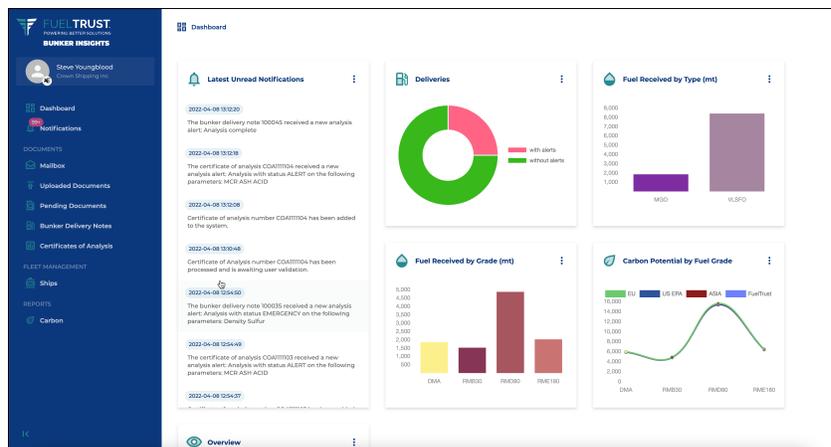


# Bunker Insights™ for Fleets

*ensuring quality, quantity, and compatibility of bunker fuel*

- Validate decarbonization
- Expose fuel fraud
- Cut operating costs
- Reduce compatibility risk



Marine transportation drives the world's economy, moving over 10 billion tons of goods annually, via roughly 128,000 blue and brown water vessels. This ecosystem represents a \$100+ billion-dollar bunker fuel market that is often **fraught with fraud, lacking in transparency and traceability, challenged by aggressive ESG goals, and placed in the spotlight** by regulatory, environmental and consumer groups.

With more than **50% of a ship's operating cost tied to bunker fuel** and fuel-related machinery expense, **fuel selection is a significant and critical factor in profitability**. Shipowners and charterers are increasingly looking for ways to drive fuel efficiency and ensure fuel purchased meets defined specifications, imposes minimal risks, and will perform as expected.

Shipowners and charterers that can quickly **validate the quantity, quality, and composition of the fuel they purchase will ensure the least amount of financial and operational exposure**. By having an unalterable account of fuel volumes, content, and deliveries for each vessel, you can ensure regulatory compliance, minimize associated risks, and achieve a financial advantage.

***Real-time visibility into the fuel supply chain to establish the movement and measurement of fuel at each step of the lifecycle—from origin to delivery.***

Bunker Insights for Fleets provides transparency and traceability across the lifecycle of maritime fuels. Our cloud-based, AI and blockchain technology gives users **a real-time view into the bunker supply chain** by consolidating and analyzing data from fleets, suppliers, and labs to establish the **movement and measurement of fuel at each step of the lifecycle**—from origin to delivery. This means you can:

- **Validate decarbonization** by having certified data on exact carbon emissions
- **Expose fuel fraud** by understanding when, where and by whom fuel issues are created
- **Cut operating costs** by being alerted to possible fraud, contamination, or compliance issues
- **Reduce compatibility risk** by knowing the exact chemical make-up of fuels purchased

***For pennies per barrel, FuelTrust can help lower legal, financial, operational, and reputation risk in the fuel supply chain.***

Unlike solutions that require extensive hardware installation or substantial amounts of manual resources to track and trace fuel quality, FuelTrust uses **patent-pending digital technology** to analyze fleet, fuel supplier and fuel lab data. This means **you can know, down to the molecular level, the composition of purchased fuel before it is delivered** – avoiding potential quality issues and costly debunkering.

FuelTrust ensures privacy through its blockchain-based **Risk Provenance® Platform™**, which provides data security through encryption and permissioned transparency so only those parties authorized have access to the data. We use advanced technology to **keep the details of fuel content and movement private**, while reporting to the counterparties whenever risks, fraud, contamination, or non-compliance occur.

Bunker Insights for Fleets determines changes and reactions of fuels as they move through the supply and delivery chain to **help you reduce the financial impact of bad fuel, mitigate regulatory risk, and empower greener fleets.**

**Contact us today  
for a consultation  
at: [info@fueltrust.io](mailto:info@fueltrust.io)**

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