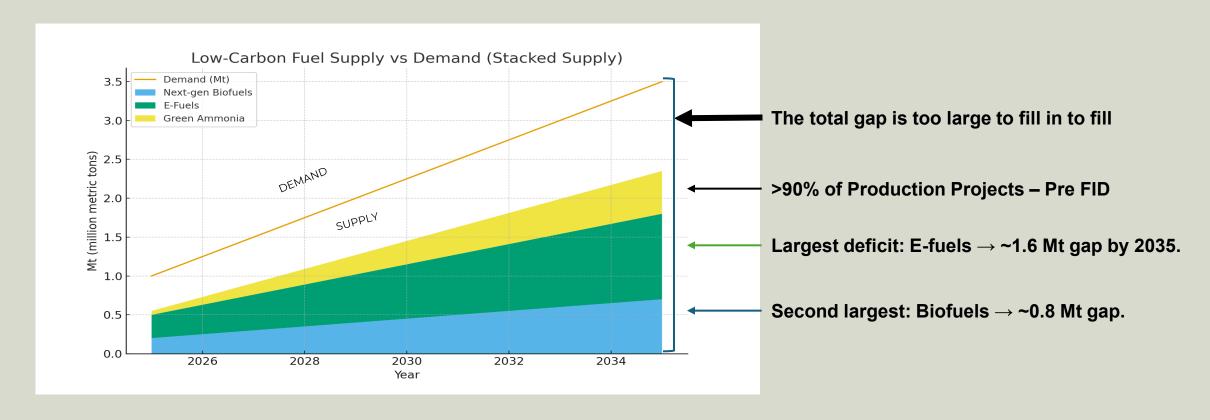


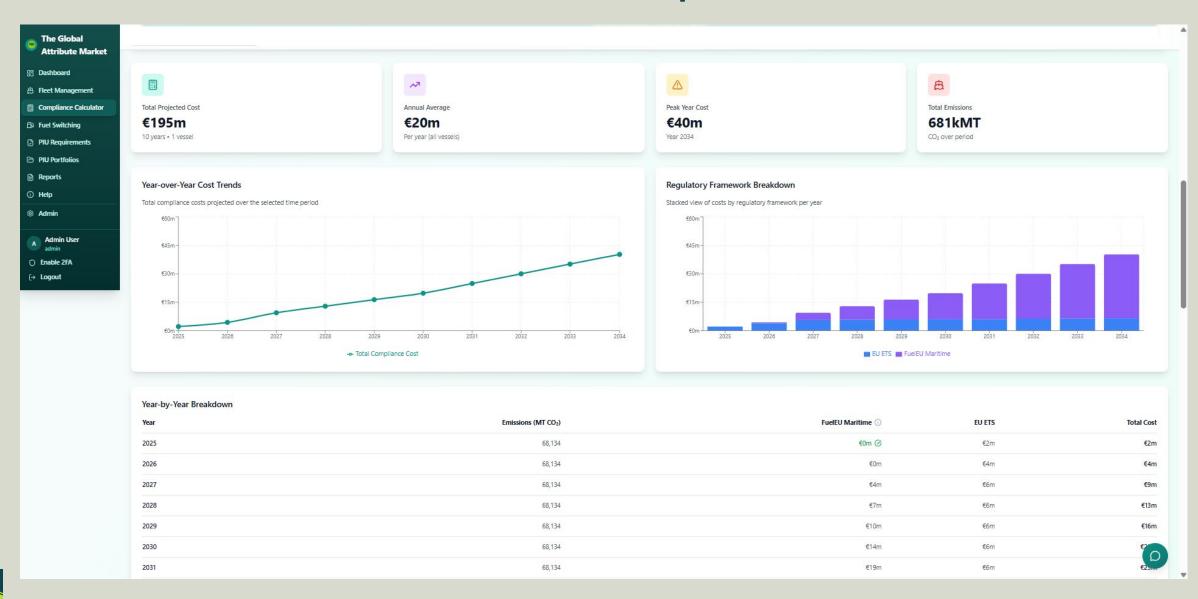
# By 2035 EU Compliance Creates:

- A 2.6 million Mt shortfall of Low Carbon Fuel
- A €3-5bn compliance risk in EU Maritime



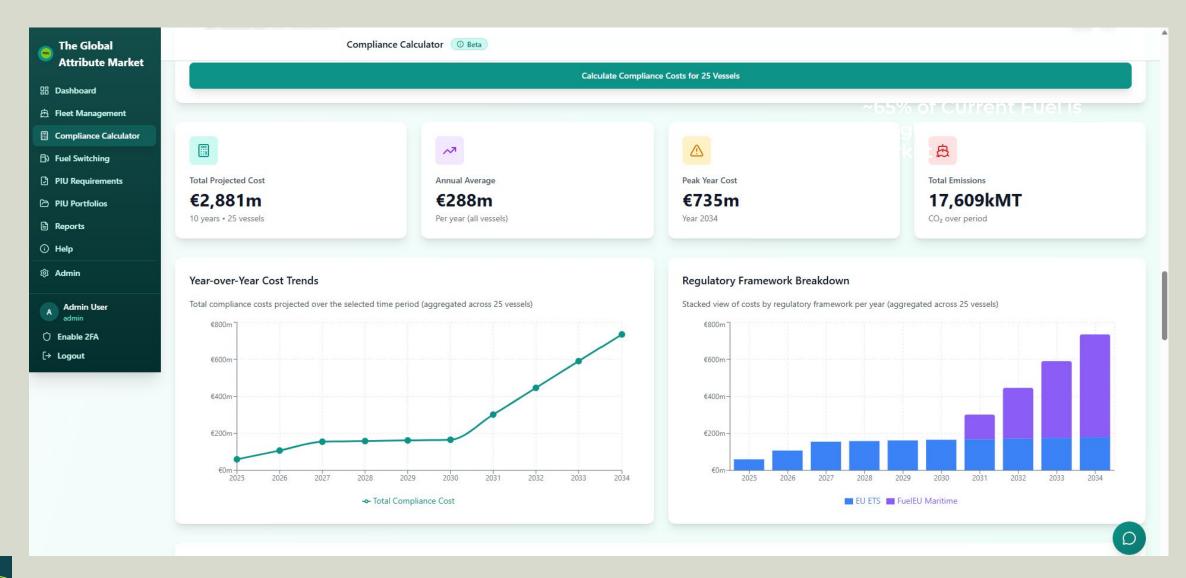


# A FAME Bio Diesel Vessel - €20m pa risk over 10 Years





## A 25 Vessel LNG Fleet €288m pa





### Some certainties

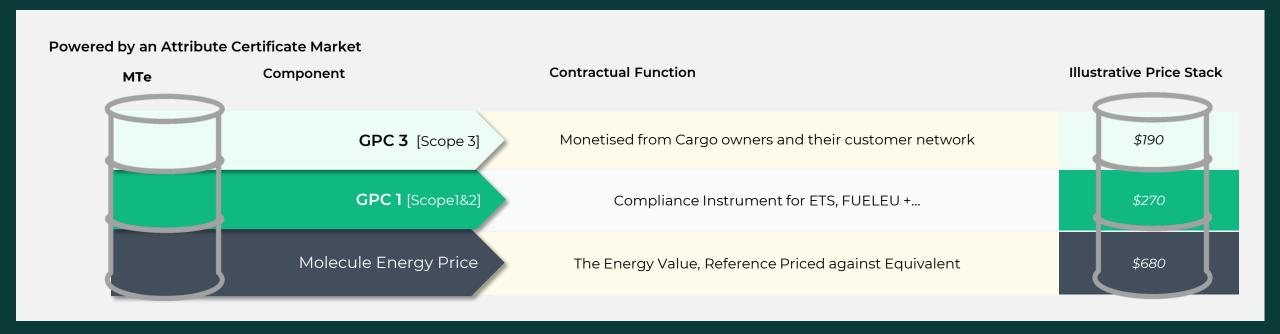
- There will be no mid-term spot market for low carbon fuels in martime
- Some Shipping Companies will fail to secure supply, and face existential compliance costs
- Fuel Producers have a compliance driven opportunity with large orders
- Acceleration needs forward demand and supply mechanisms
- Value added prices typically need value added price structures
- → Leading Shipping Companies and Producers are joining the H2C Global Attribute Market



## The Global Attribute Market for Low Carbon Fuels



# Green Premium Certificates™ Enabling a viable Contract Structure for Low Carbon Fuels







# Securing Forward Contracts Accelerating Revenue and Supporting FID

Requirements

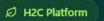
**Supply:** Low Carbon Fuel Producers Secure Pre Production /FID Revenue Price **Verified GPC Collects** PIU **Forward Aggregates Supply** Discovery Units **Placements** Bids **Contracts Attribute Certificate Market Projects Models Fuel Prices GPC Places Bids** Compliance **Aggregates Demand** 

**Demand:** Maritime Buyers Secure Access to Fuels and Mitigate Compliance Cost Risk

**Switching** 

Cost

Premium



# Connecting Maritime Fleets with Fuel Producers

The first marketplace for maritime decarbonization. Shipping companies can assess compliance costs, model fuel switching scenarios, and discover sustainable fuel options. Producers can showcase their renewable fuels and connect with buyers to develop incremental revenues.

Request a Demo →



#### For Shipping Companies

Calculate compliance costs and discover sustainable fuel



#### For Fuel Producers

List your renewable fuels and connect with maritime buyers



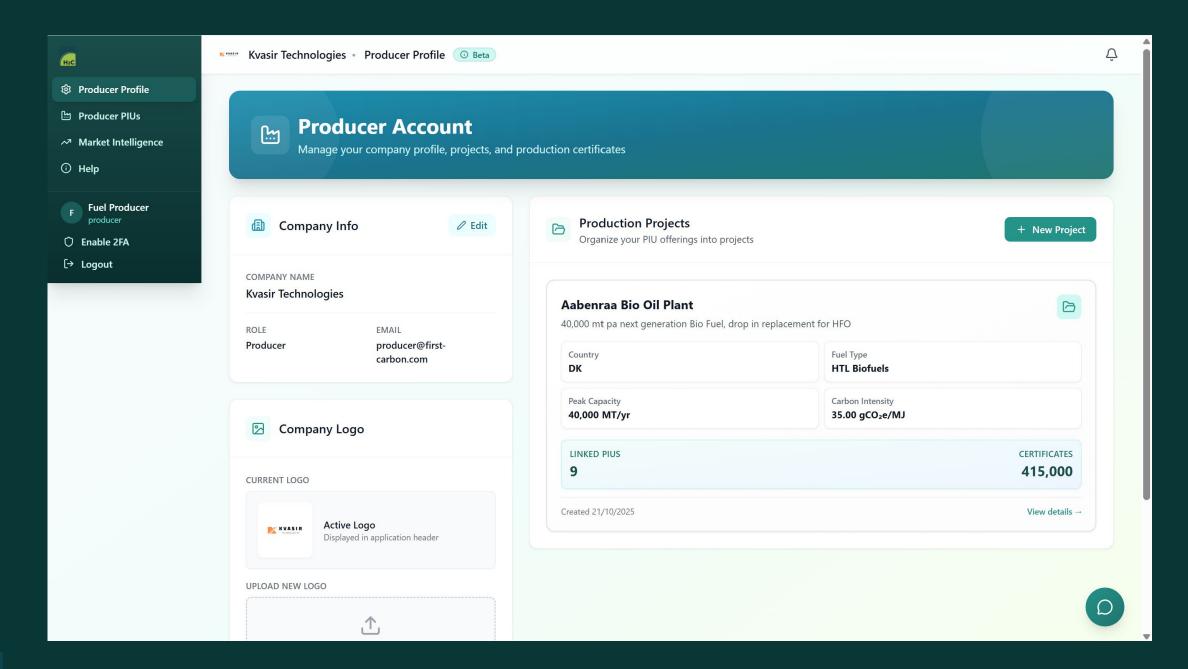
#### Market Intelligence

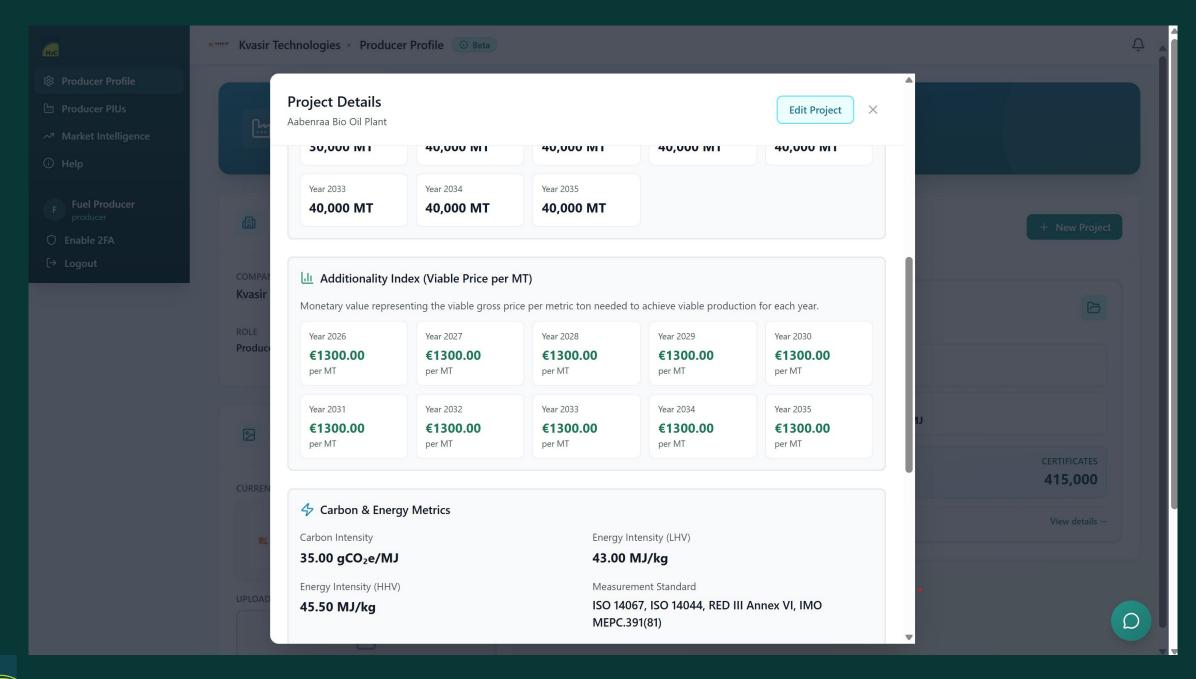
Real-time pricing and availability of sustainable fuels

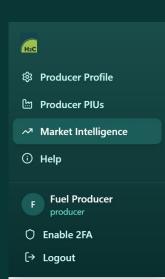


#### **Cost Optimization**

Model scenarios and minimize regulatory compliance costs





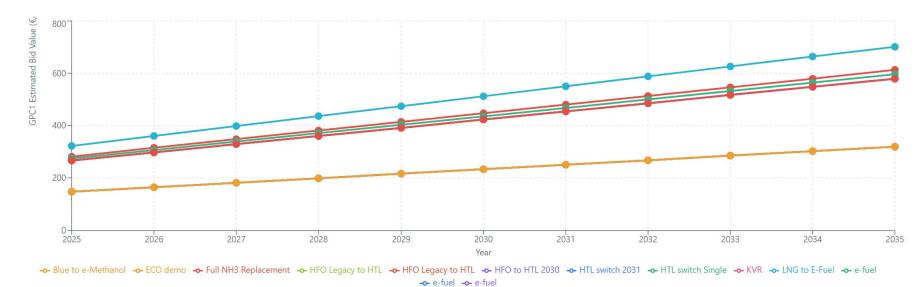






#### **GPC1 Estimated Bid Value Trends**

Each line represents a fuel switching scenario's GPC1 price indicator derived from compliance cost savings





Latest GPC1 Price	Trend
€702	+117.6%
/MT	

Latest GPC1 Price	Trend
€319	+117.6%
/MT	

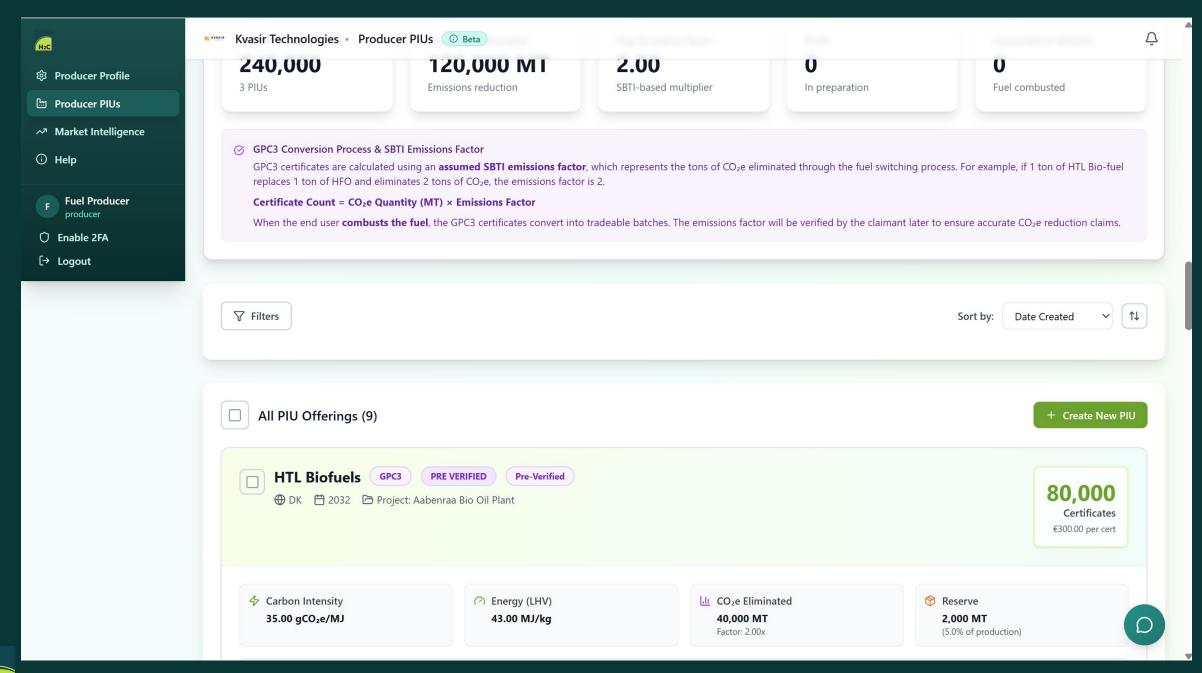
Latest GPC1 Price	Trend
€319	+117.6%
/MT	

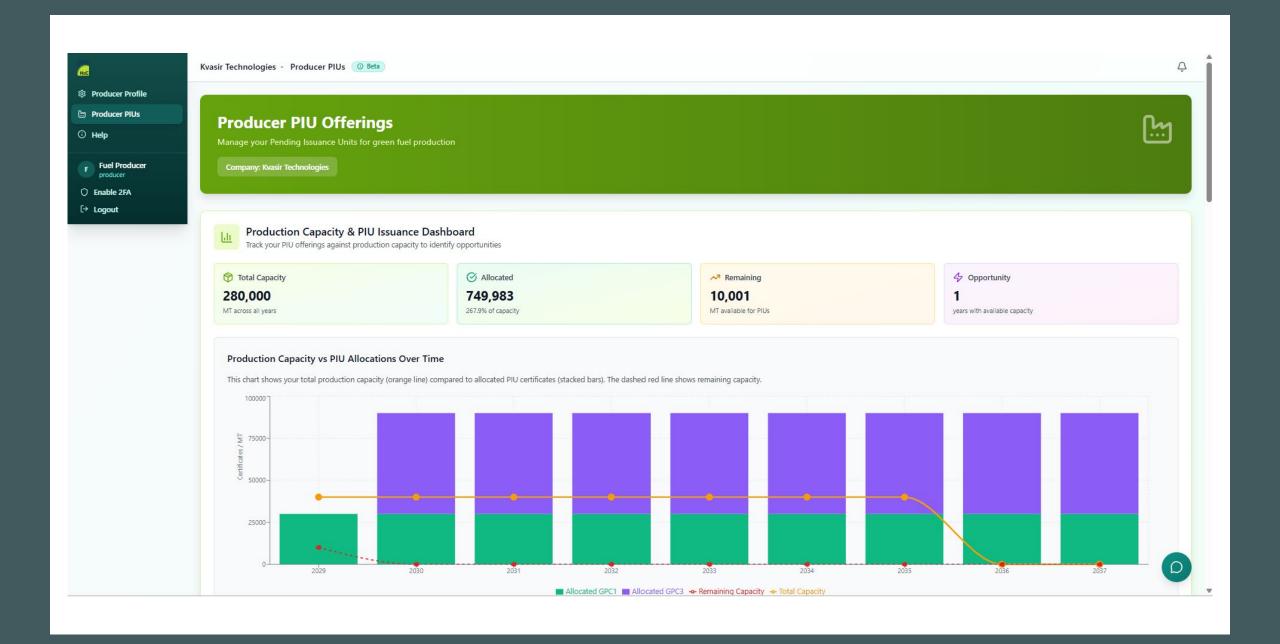


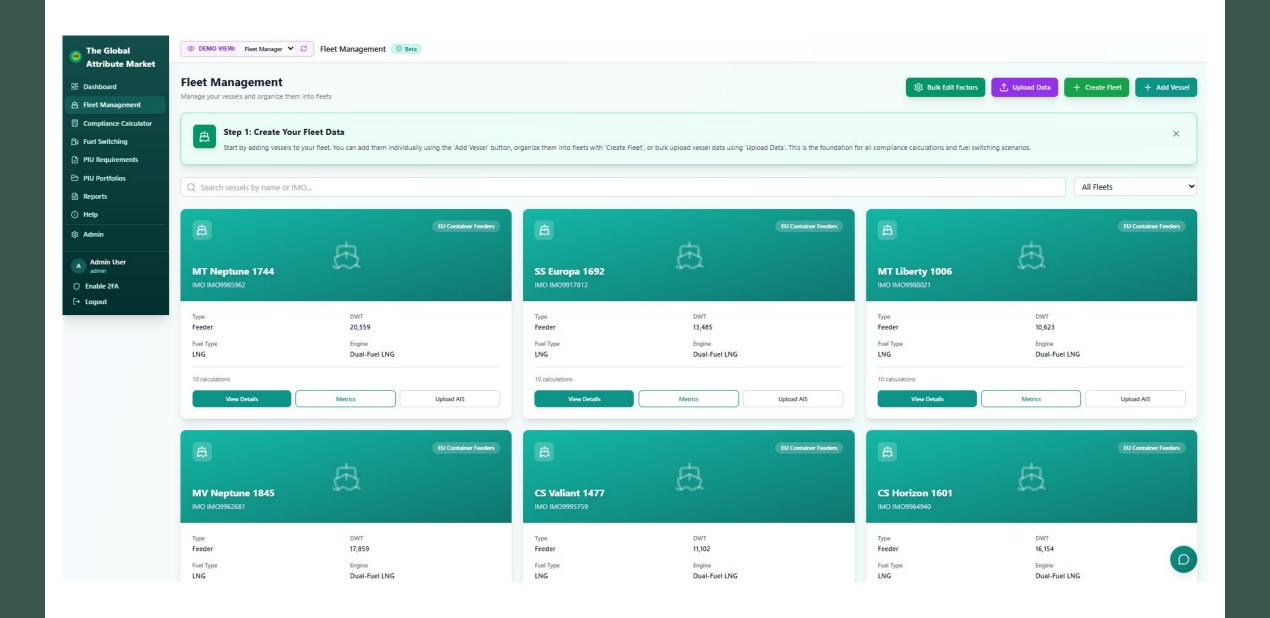
#### **Understanding GPC1 Price Indicators**

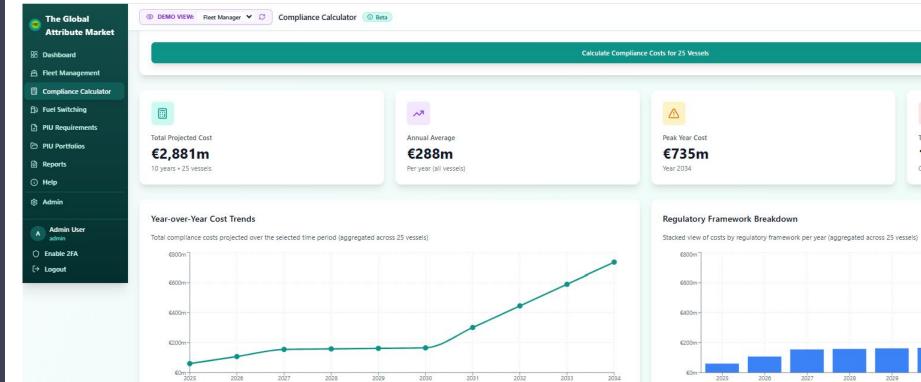
The GPC1 Estimated Bid Value represents the value per metric ton of baseline fuel equivalent, calculated from the compliance cost savings achieved through fuel switching. Higher values indicate greater economic benefit from switching to low-carbon fuels, driven by avoided EU ETS and FuelEU Maritime penalties.











Emissions (MT CO<sub>2</sub>)

1,760,943

1,760,943

1,760,943

→ Total Compliance Cost

Year-by-Year Breakdown (Aggregated across 25 vessels)

2025

2026

2027

€0m	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
				■ EU	ETS FuelEL	J Maritime				
			FuelEU Marit	ime ①			EU ETS			Total Cost
				€0m			€60m			€60m
	€0m ⊘					€107m			€107m	

€155m

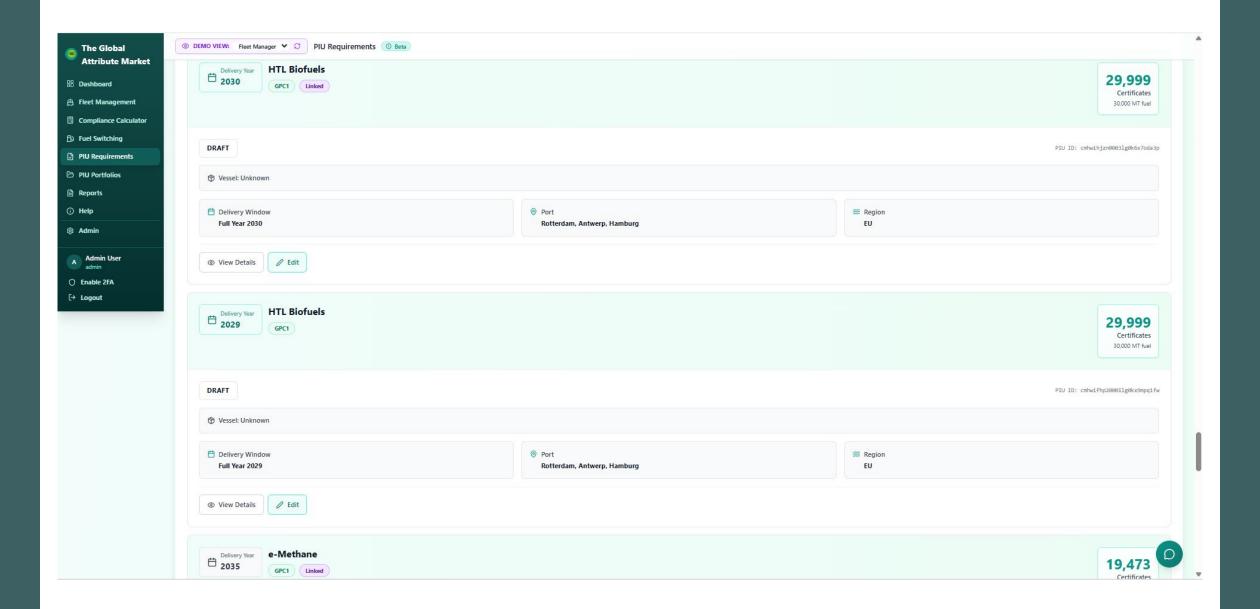
€0m ⊘

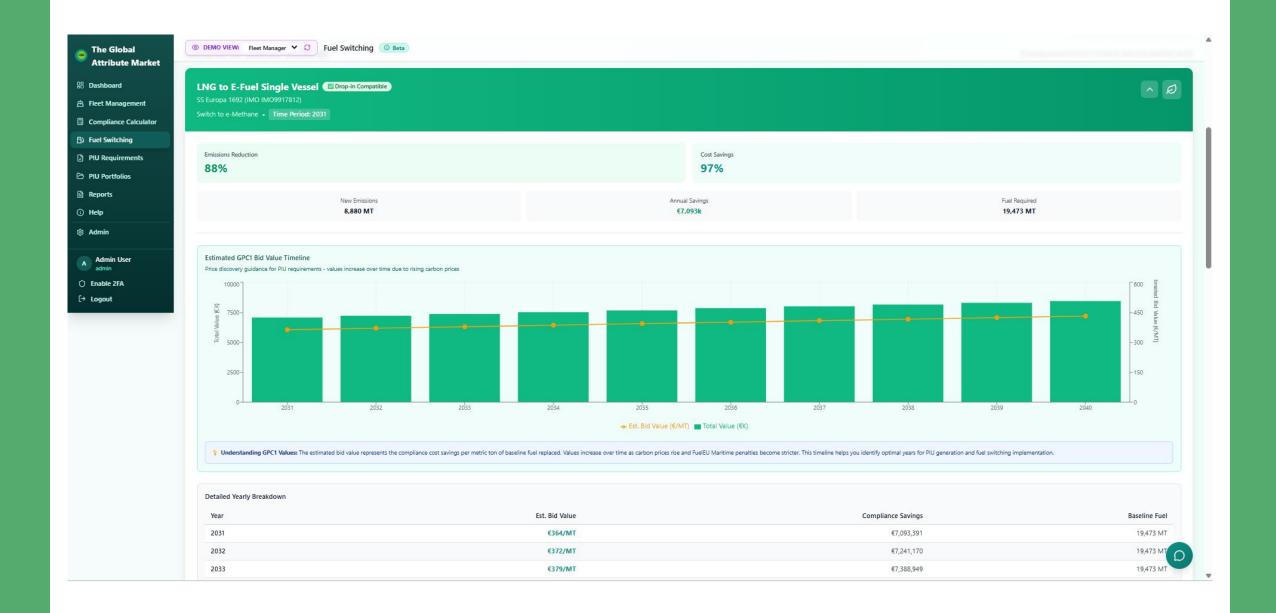
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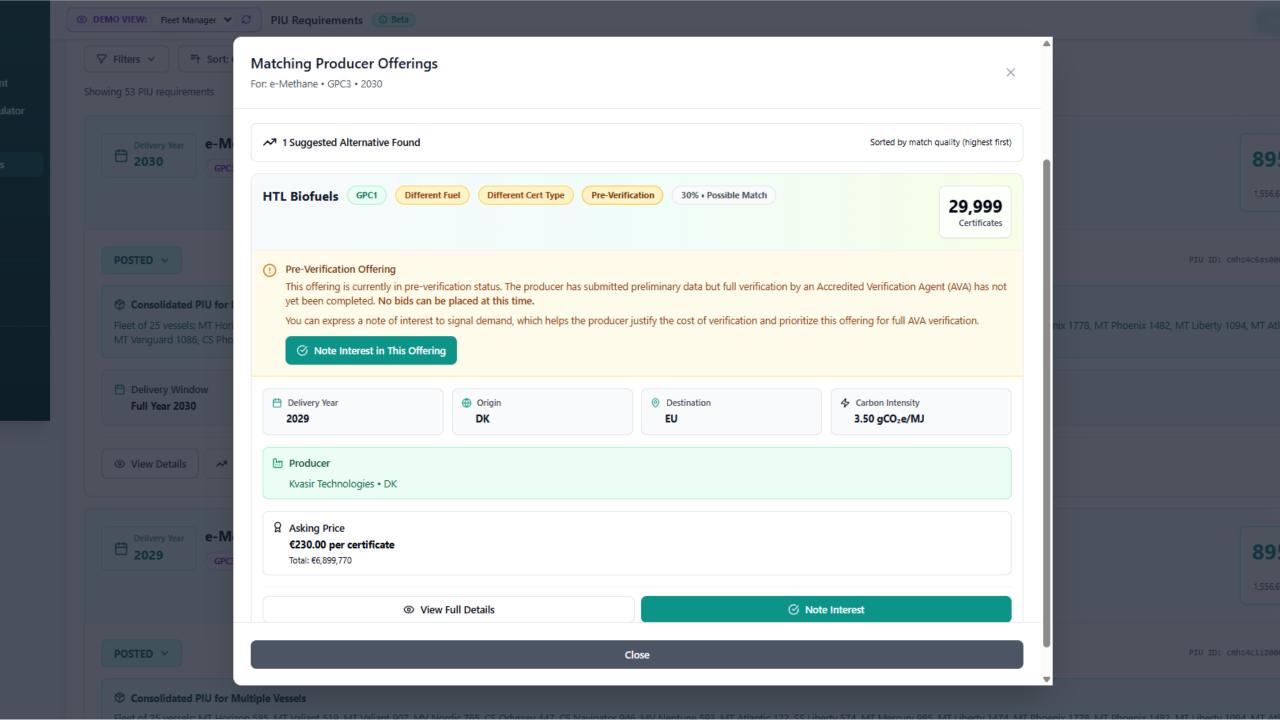
Total Emissions

CO<sub>2</sub> over period

17,609kMT









Authorised Verification Agent

- Providing Price Discovery Advice and support to buyers and sellers
- Gate keeping Issuance status by Verifying Claims of Provenance
- Managing Registry Changes
- Integrating with Compliance Submissions Services [FuelEU, EU ETS, IMO...]



Request a Demo

- Upload your production data
- Automate Price Discovery
- Create Pending Issuance Units
- Supported Verification
- Complete Full Placement and Match to Multiple Buyers
- Close forward contracts at optimal prices

# Thank you

Peter Ellen CEO H2C

peter@first-carbon.com +44 7921 520405

info@h2c.org

www.h2c.org

