

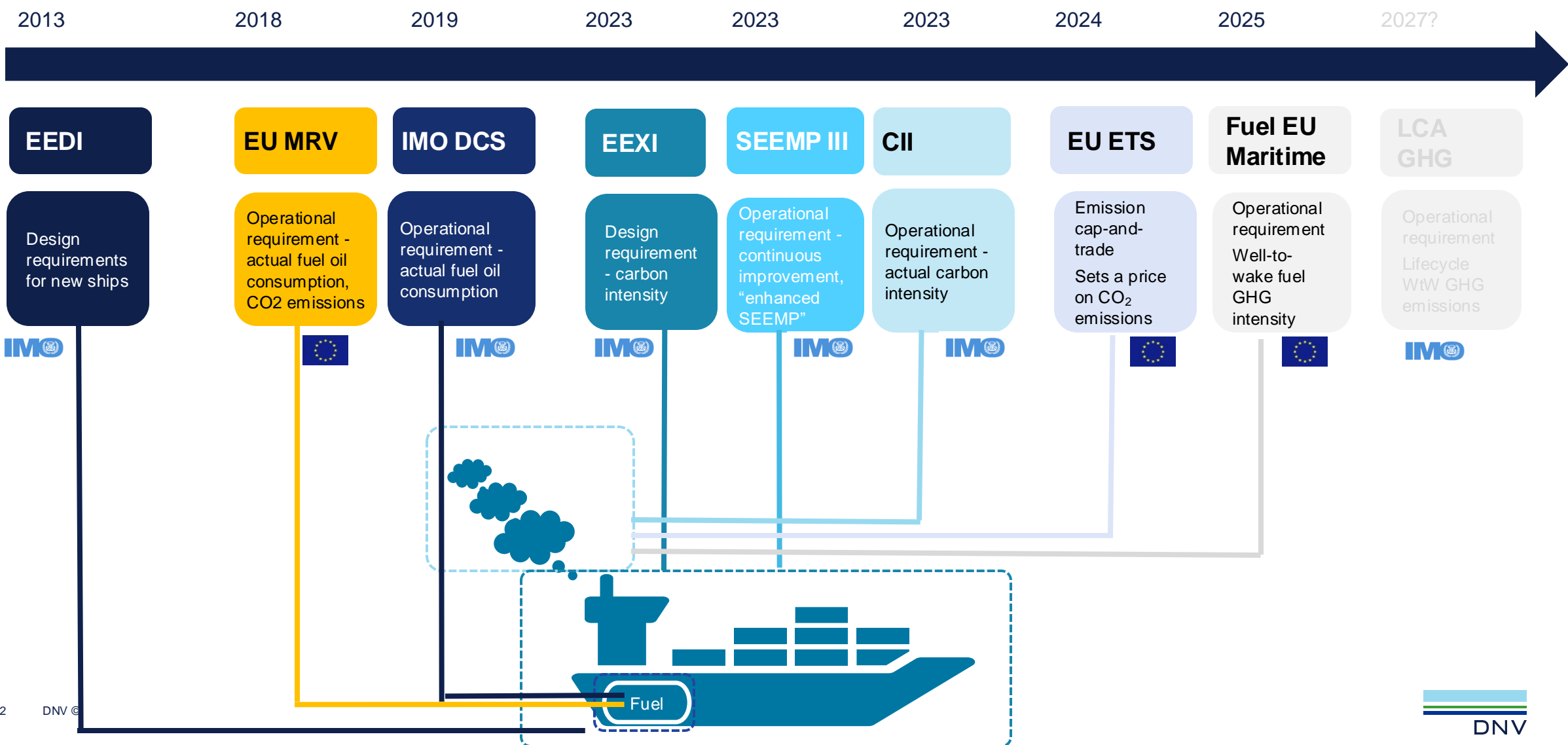


WHEN TRUST MATTERS

# Bringing trust, confidence & collaboration to the EU ETS & FuelEU Maritime.

Barry Authers, Head of Partnerships, Veracity by DNV

# Decarbonisation driving digitalisation...



## EU ETS bill being phased in:

€3.1 Billion  
2024 40%

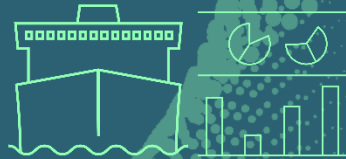
€5.7 Billion  
2025 70%

€8.4 Billion  
2026 100%

## Annual- Reporting



National Authority



ISM Company



Shipowner

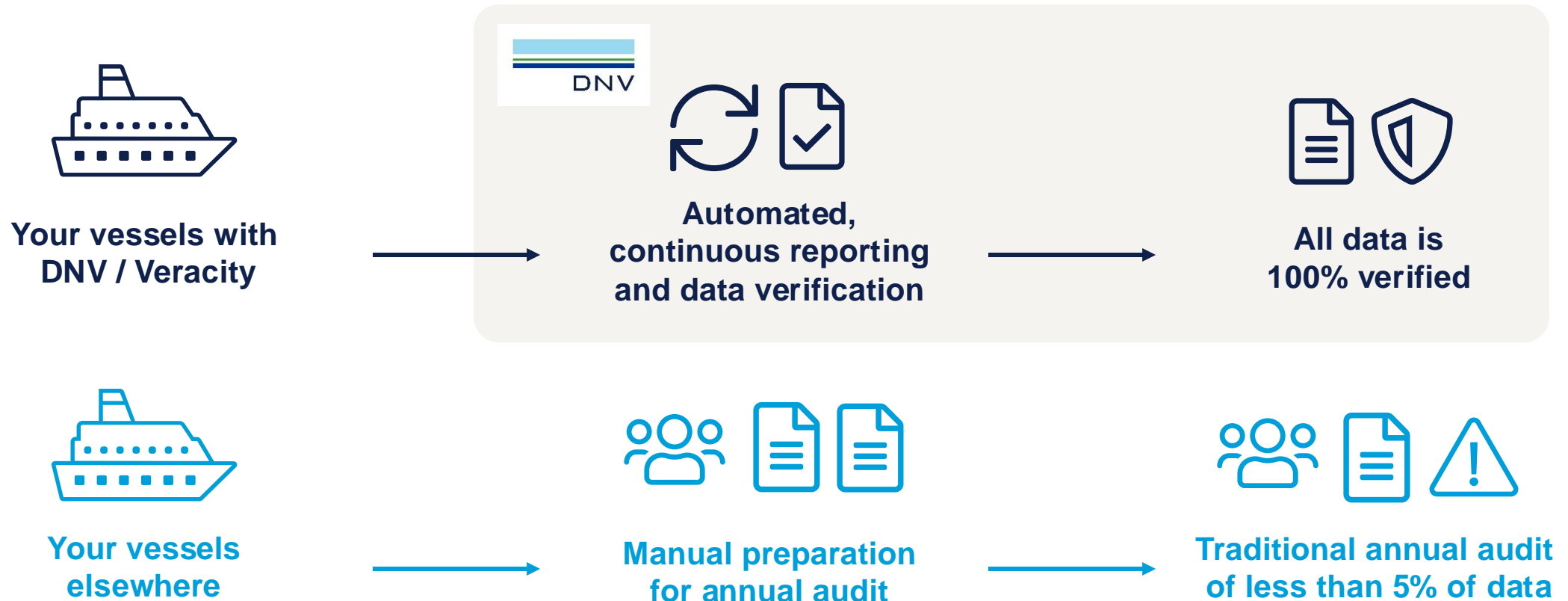


Charterer

## Continuous - Control



# DNV assures all data continuously



# The most common issues with emissions data quality



**Missing fields &  
data**



**UNLOCODE  
errors & different  
positions to port**



**Consumption vs  
available fuel  
mismatch**



**Arrival/departure  
event  
inconsistencies**



# Lessons Learned: 10 Months of EU ETS



Ensuring **trust** and **quality** in data is key



Compliance cannot be achieved without **collaboration**



**Re-use** of data means we work smarter, not harder

## PERIOD STATEMENT EU ALLOWANCES <sup>1</sup>

Statement no.:  
**1660**  
DNV ID no.:  
  
Date of issue:  
**2024-02-02**

### Particulars of ship <sup>2</sup>

Name of ship: MT Eco Tanker  
Gross tonnage: 65 145  
Deadweight: 109 999  
Type of ship: Tanker  
IMO number: 1234567

### Details

Start time [UTC]: 2024-01-15 05:30  
End time [UTC]: 2024-01-31 11:00  
From: Marsaxlokk (MTMAR)  
To: Gibraltar (GIB)  
Remarks (not subject to verification):

### Summary

EU-ETS distance [nm]: 2 972  
Total EU-ETS CO<sub>2</sub> emissions [mt]: 1 216,38  
Total EU Allowances (EUA): 486,55  
Total EU MRV CO<sub>2</sub> emissions [mt]: 1 267,23

### This is to confirm:

that the stated voyage data have been found to satisfactorily comply with the requirements of the Verification process.  
Legs not finished are not part of Verification scope.

Issued by DNV on **2024-02-02**



for DNV  
This document is signed electronically. Validation and authentication  
can be obtained from [trust.dnv.com](https://trust.dnv.com) by using the Unique Tracking  
Number (UTN)  
EM-001660 and ID: 424

This document is based on the data made available to DNV through our OVD reporting service as of day before date of issue.

<sup>1</sup> Directive 2003/87/EC extension to maritime shipping activities, include maritime transport activities in the EU Emissions Trading System (EU ETS) from 2024.  
<sup>2</sup> Vessel data as of date of issuance and according to MARPOL  
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Form code: EME 001  
EM-001660

Revision: 2024-01

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# Verified voyage statements for EU ETS settlements



Statement no.: **1660**  
Date of issue: **2024-02-02**

### Leg Summary

Leg	Start - end	Leg mode	Leg scope	Start time [UTC]	End time [UTC]	EU MRV CO <sub>2</sub> [mt]	Distance EU ETS [nm]	CO <sub>2</sub> EU ETS [mt]	EUA
1	Marsaxlokk (MTMAR) - La Pallice (FRLPE)	Underway	Within EU	2024-01-15 05:30	2024-01-22 15:00	651,02	2 019	651,02	260,41
2	La Pallice (FRLPE)	Port of call	Within EU	2024-01-22 15:00	2024-01-26 03:12	150,76	0	150,76	60,30
3	La Pallice (FRLPE) - Dunkerque (FRDKK)	Underway	Within EU	2024-01-26 03:12	2024-01-27 17:36	207,76	618	207,76	83,10
4	Dunkerque (FRDKK)	Port of call	Within EU	2024-01-27 17:36	2024-01-30 06:06	156,00	0	156,00	62,40
Total						1 165,54	2 637	1 165,54	466,22

### Emissions per fuel type

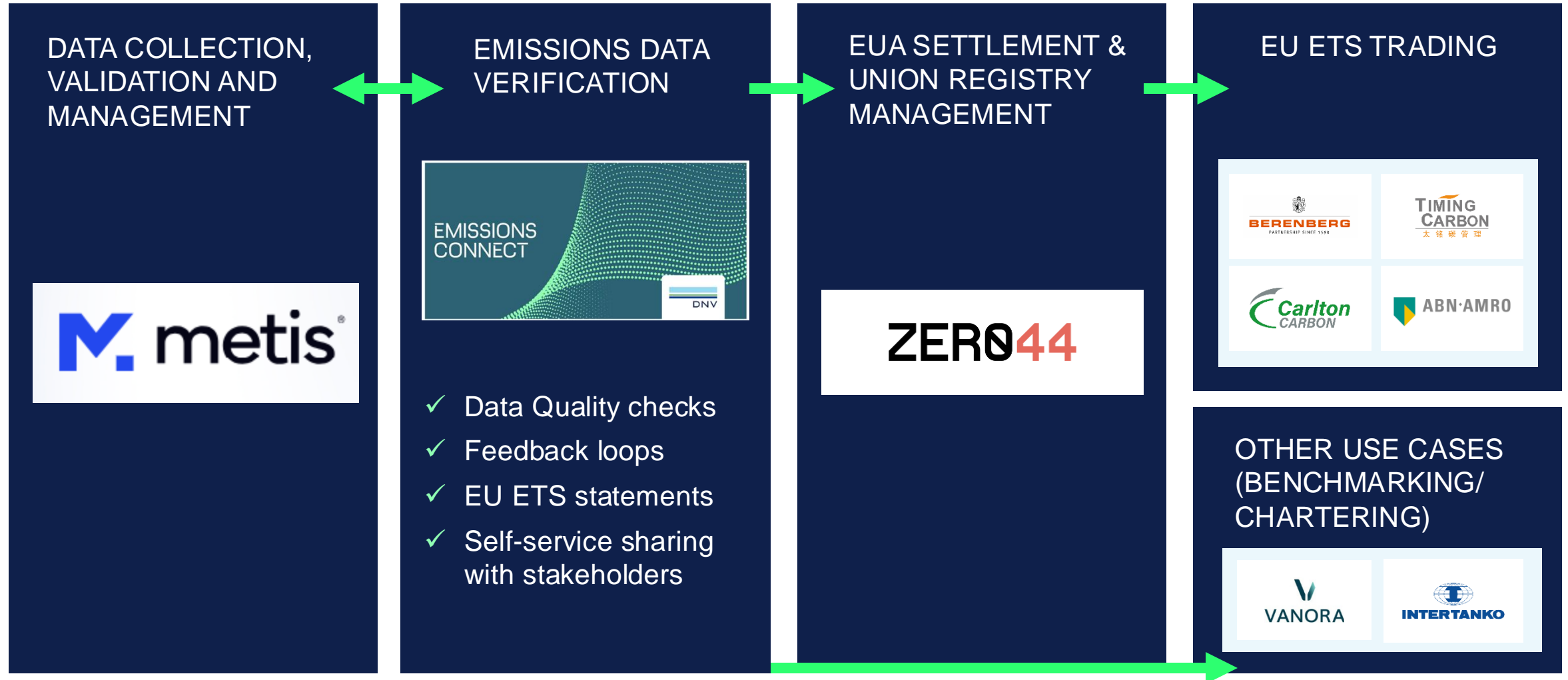
Fuel Type	CO <sub>2</sub> Conversion factor	CO <sub>2</sub> EU ETS [mt]	EUA
LNG	2,750	389,71	159,89
MGO	3,206	482,82	193,13
LFO	3,151	333,85	133,54

### Information on leg not finished – not subject to verification

Leg	Start - end	Leg mode	Leg scope	Start time [UTC]	End time [UTC]	EU MRV CO <sub>2</sub> [mt]	Distance EU ETS [nm]	CO <sub>2</sub> EU ETS [mt]	EUA
1	Dunkerque (FRDKK) - Gibraltar (GIB)	Underway	Out of the EU	2024-01-30 06:06	2024-01-31 11:00	101,69	335	50,84	20,34
Total						101,69	335	50,84	20,34



# Seamless data sharing to support ETS processes



# INTERTANKO partnership making your verified data work smarter.

- INTERTANKO launched their GHG benchmarking Tool this week.
- Empowers members to evaluate the performance of their vessels and fleets against anonymized data from the broader member community. By contributing data, members gain access to valuable insights that can enhance both operational and strategic decision-making.

**Veracity by DNV enables easy & continuous sharing of verified emissions data direct to INTERTANKO.**





"Having accurate, trusted data, delivered in a timely and cost-efficient way, and verified by a recognized classification society like DNV, provides it with a level of trust and security. This generates confidence throughout our own operations and helps a lot in commercial settlements."



BSM see Emissions Connect and the partnership with a trusted independent third party such as DNV as crucial for providing accurate and verified emissions data, which is the necessary "common ground" for discussions and negotiations with clients and stakeholders.

And Børre Mathisen, COO at Gram Car Carriers said: "For Gram Car Carriers it is vital to base all our EU ETS settlements with customers on verified data. We decided to use DNV Emissions Connect to have monthly and voyage data verified throughout the financial year. Adding zero44 to this directly via the Emissions Connect workbench was very convenient and works smoothly – once verified, we see the exact same data in DNV Emissions Connect and zero44. After the integration was built between the two companies, all we had to do was allow zero44 access and it worked automatically from there."





## Emissions Connect

ADVANCE from raw data to sustainable operations.

Scan to begin your free trial