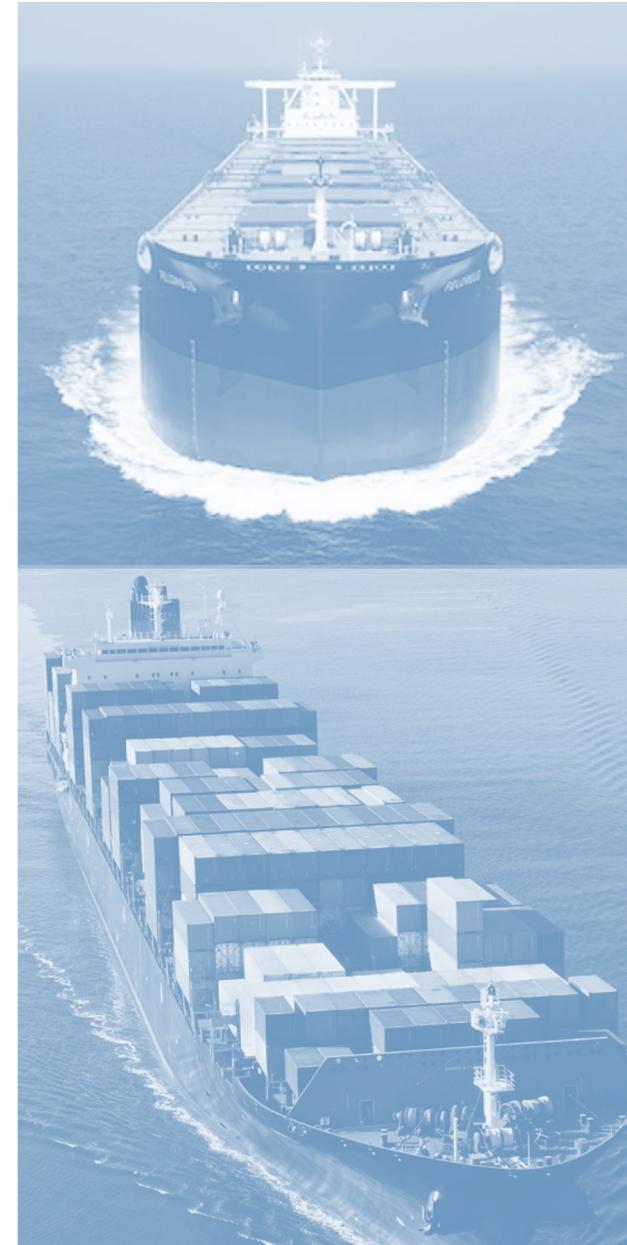




**we make any ship smart
without changing anything**





**MARITIME TRANSPORT IS
LATE IN DIGITALIZATION**

85% OF DECISIONS
ARE BASED ON
MANUAL REPORTS

67% OF SHIPOWNERS
THINK THIS DATA
IS NOT RELIABLE

ONLY 15% OF MERCHANT
SHIPS ARE
DIGITALIZED

Maritime Oslofjord Alliance | Energy transition in shipping study 2022



**SHIP DIGITALIZATION
IS PAINFUL**

**ANALOG
MACHINERY**

IS PRESENT
EVEN ON
RECENT SHIPS

**LOCKED
INTERFACES**

VENDORS BLOCK
ACCESS TO
DIGITAL INTERFACES

EXISTING
RETROFIT
SOLUTIONS

**COSTLY
COMPLEX**

SOLUTION

Unified Fleet Data Platform

High-quality high-frequency data

All analogue and digital equipment

Contactless and non-invasive



Patent Protected Technologies



COLLECT DATA
Data Collection Layer

SHARE DATA
Data Unification Layer

ACT ON DATA
Insights Layer

UNIFIED SHIP DATA PLATFORM



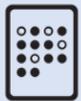
Fuel consumption, GHG emissions and vessel performance



Main engine performance and condition



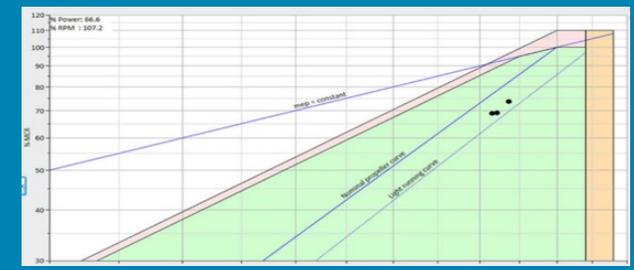
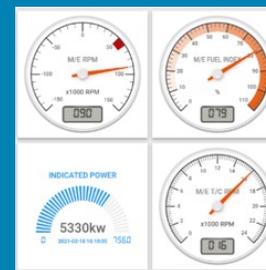
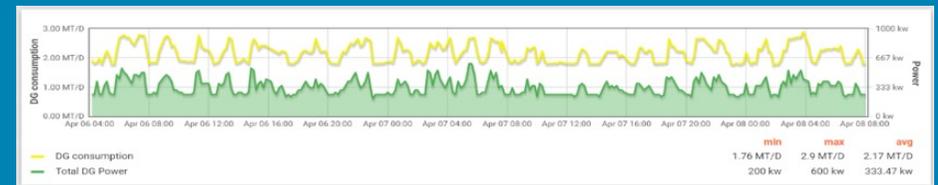
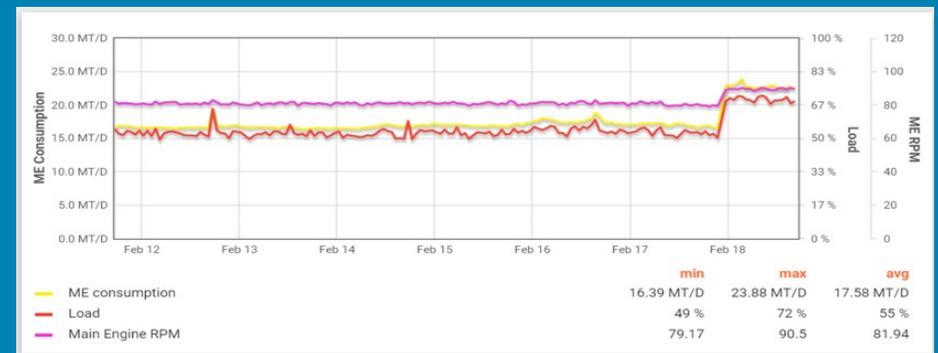
Auxiliary engines performance and condition



AMS / Tanks / cargo monitoring



Human-machine interactions





DECARBONIZATION THROUGH DIGITALIZATION



Reduce consumption and avoid claims

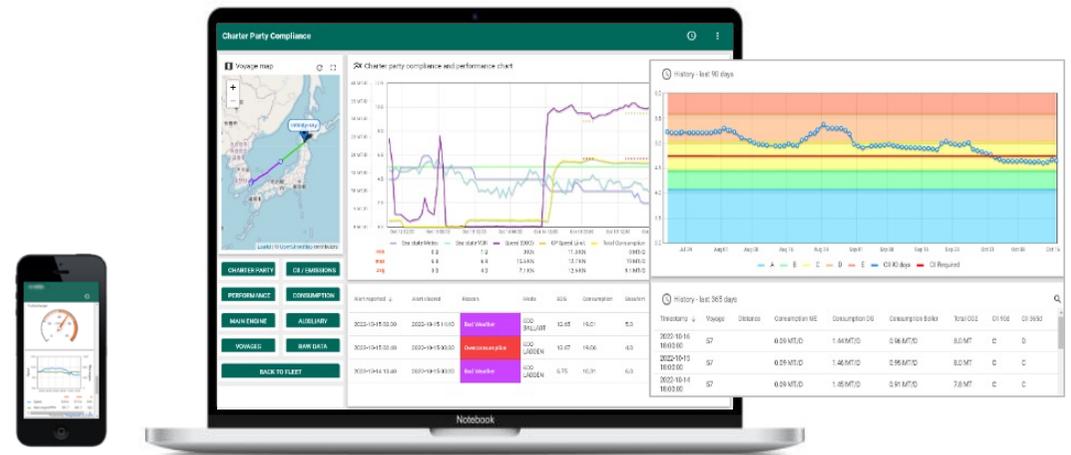
through continuous performance monitoring

Streamline emissions monitoring

for compliance with minimal effort

Produce reliable data for

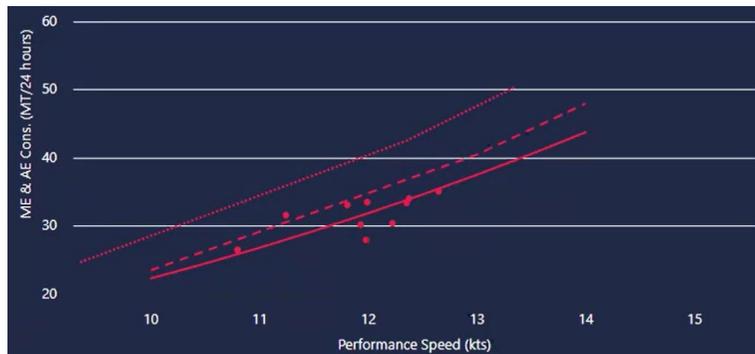
transparent reporting (EU ETS, FuelEU, CII)



PERFORMANCE: BENCHMARKING VS MANUAL REPORTING

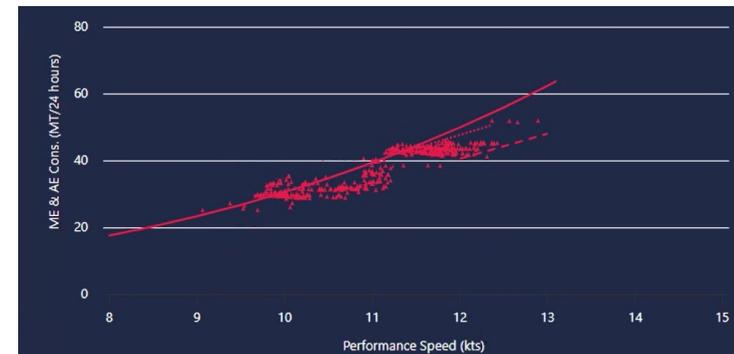
MANUAL NOON REPORTS

- ! Prone to human **errors** (crew dependent)
- ✓ Generalized over 24H (no recording of **variations** in speed and consumption)
- ✓ "Bad weather" **bias**
- ✓ **Single** data point in single condition (difficult to use for predictions)



HIGH FREQUENCY DATA

- ✓ Fully **automated** and **free** from intentional and nonintentional errors
- ✓ Captures all events
- ✓ Easy to **share** and **verify**
- ✓ **Multiple** data points in different conditions (ready for use with AI models)



أرامكو السعودية
saudi aramco



SUSTAINABLE DIGITALIZATION OF EXISTING FLEET

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



14 LIFE
BELOW WATER



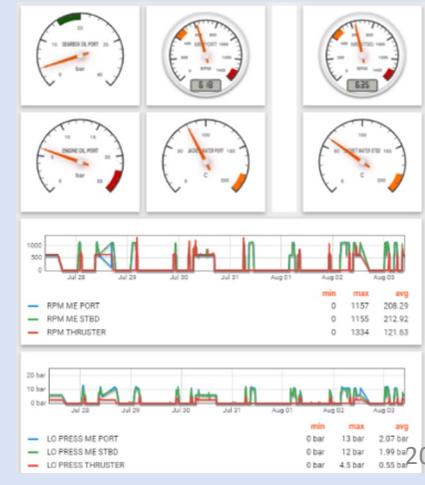
Reduce maintenance costs (>10%)

through automated condition monitoring

Prolong life of existing assets

to reduce scrapping costs and environmental impact

40 years old Offshore Support Vessel



Bloomberg

Live Now Markets Economics Industries Tech AI Politics Wealth Pursuits Opinion Businessweek

SOURCE: CARGILL

Bloomberg

CARGILL TURNS TO THE WIND

Cargill Tests 123-Foot-Tall Sails in Effort to Slash Fuel Burn

Bloomberg Markets - TV Shows
August 21st, 2023, 5:24 PM GMT+0200

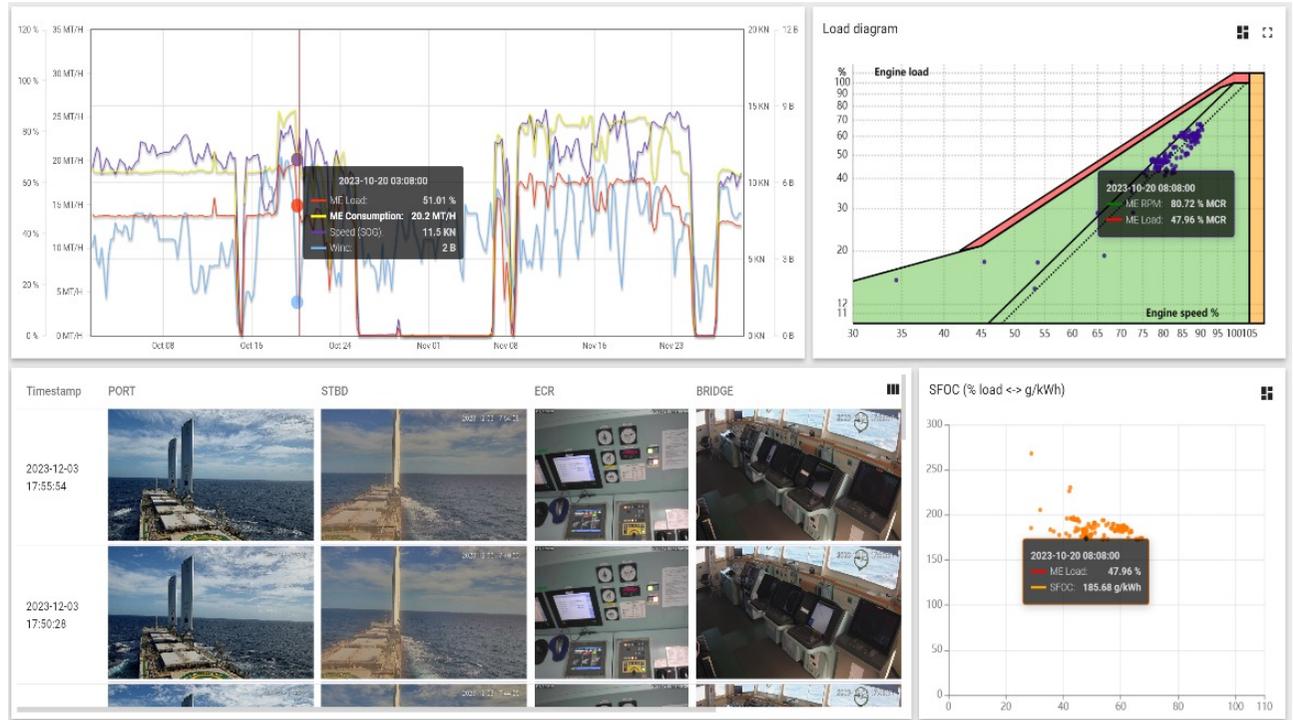
The world's largest agricultural trader hauls 225 million tons of cargo around the globe each year on hundreds of colossal vessels. Now one of those ships is being powered, in part, by wind. Jan Dieleman, Cargill Ocean Transportation president, speaks with Alix Steel and Guy Johnson on Bloomberg Markets: Americas. (Source: Bloomberg)

SAILS PERFORMANCE MONITORING



Measure efficiency/ROI of Energy Saving Devices (ESD)

Augment data with live environment monitoring



COMPETITION Retrofit digitalization

-  Universally compatible
-  Non-invasive
-  Easy to install
-  Affordable
-  Innovative



	Our solution	Equipment vendors	Sensor manufacturers
Data completeness	✓	✓	✓
Deployment cost	€	€€€€	€€€
Vessel downtime	NO DOWNTIME	YES. ONLY AT SHIPYARD	OFTEN REQUIRED

TRACK RECORD

Industry Partners



Pilot projects



Customers



Current deployment: 41 ships

TESTIMONIALS: What customers and partners say



"By utilizing eyeGauge technology we can timely collect more precise data on bunker consumption and share the same with our Charterers, which is an important first step to building such a harmonization"

Ken Hasegawa, Head of Chartering and Innovation, Singapore Branch.



"eyeGauge technology is hitting a sweet spot and a real focus area for us. We want to move forward to get more ships off noon reports to data acquisition, especially existing, older bulk carriers. That's why we are keen to try it out"

Chris Hughes, Decarbonisation Specialist, Ocean Transportation



"The eyeGauge approach to data collection is such an "obvious" solution that one is actually quite surprised to learn that it did not exist before. It is a simple solution with really powerful results"

Willem Vegter, CEO, Vegter Engineering Services.





GET ONBOARD

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<https://www.eye-gauge.com>

Paris, Singapore

