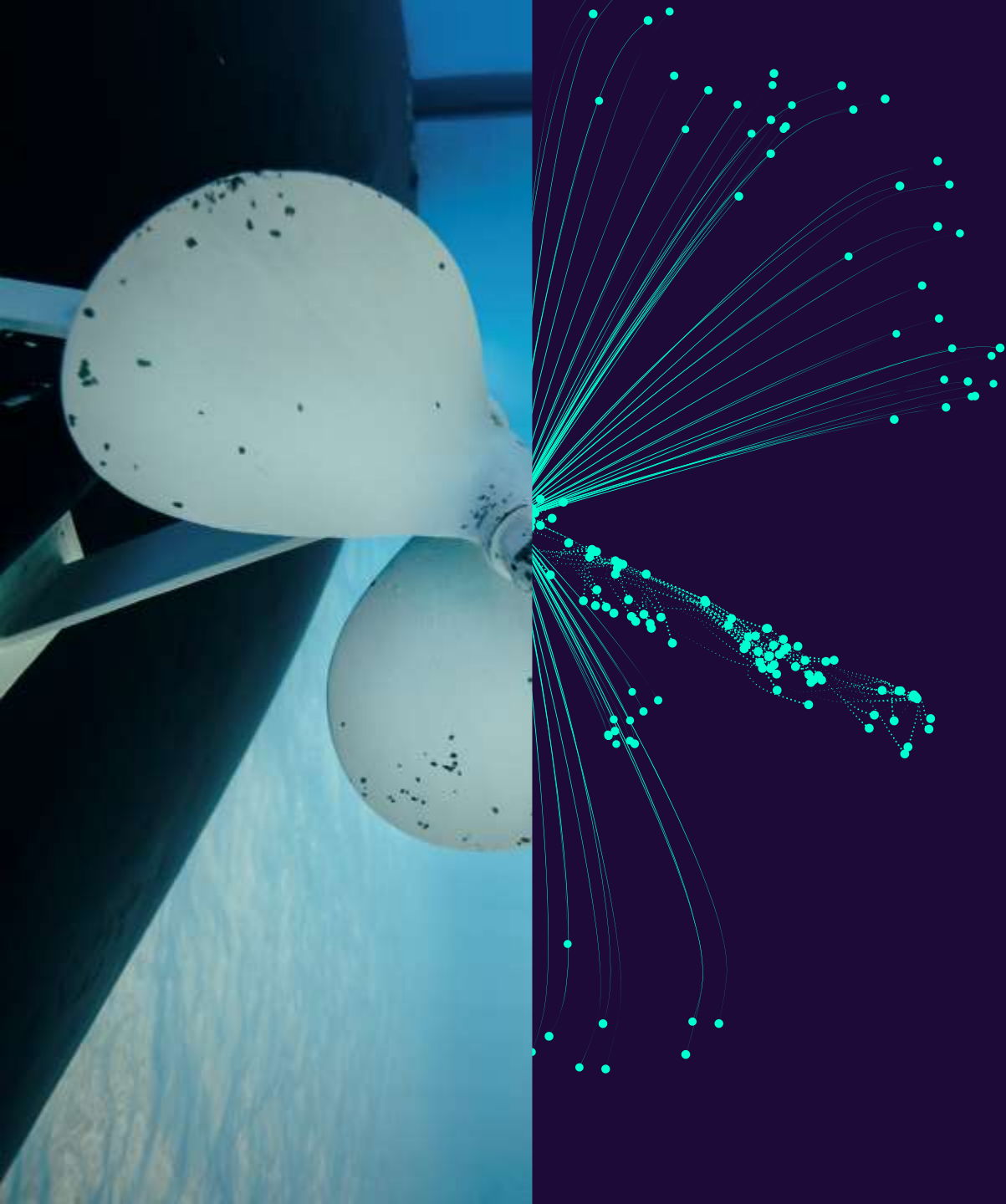




# GWFF

GEOSPATIAL WORLD FORUM

[\*\*CLICK TO KNOW MORE\*\*](#)



# Unlocking the Power of Data, Technology and Collaboration in the Blue Economy

Hydrospatial Infrastructure and Blue Economy Summit

GWF

15 May 2024

Laurence Janssens, COO

**HUR Ocean**

There will be a **9-fold**  
increase in demand for  
ocean space for aquaculture  
and energy by 2050





# HUR Ocean

A non-profit ocean foundation  
At the intersection of Science, Government and Industry  
Creating a more *transparent* and *informed* world

## **Mission:**

Change the fate of the ocean by unleashing the power of data, technology and collaboration

## **Vision:**

Become the world's data collaboration hub, advancing both ocean health and wealth

# HUJROcean

Founded by



Leading

Ocean Data  
Action Coalition



HIGH LEVEL PANEL *for*  
**A SUSTAINABLE  
OCEAN ECONOMY**

*In partnership with*



Supporting

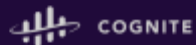
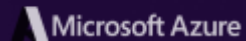
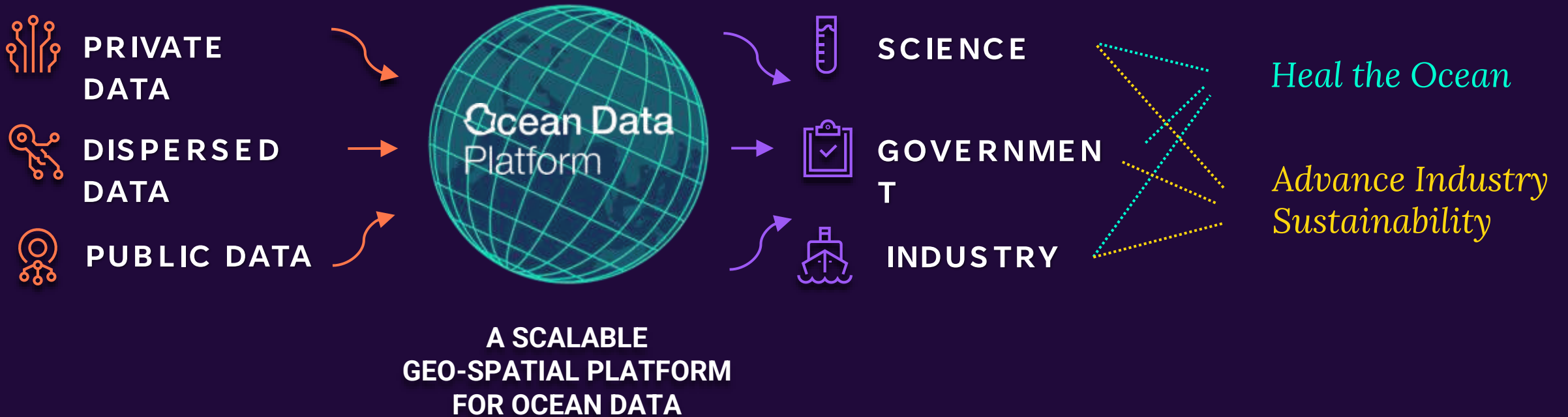


2021  
2030

United Nations Decade  
of Ocean Science  
For Sustainable Development

END-TO-END

# HIR Ocean



# Ocean Data Platform

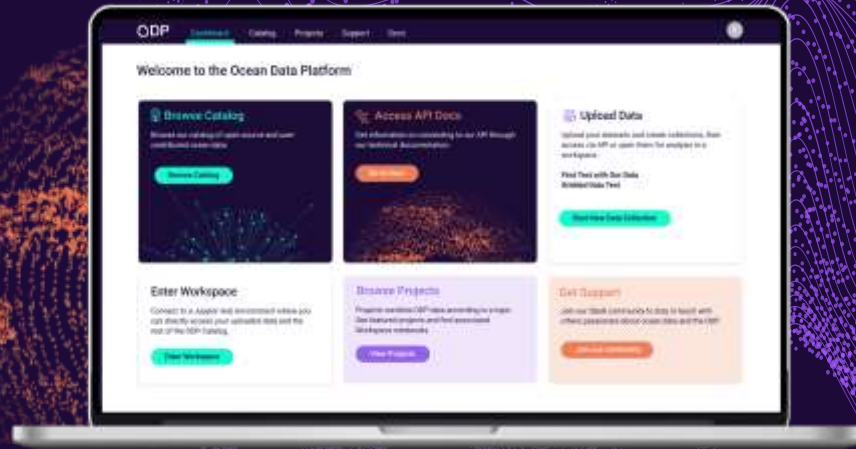
SEARCH | EXPLORE | ANALYSE | USE

An open **geospatial platform** unlocking ocean knowledge for **public insights**

Advanced technology to gather, fuse and provide access to a **vast array of ocean data** from multiple sources to multiple users - **in one place**

**Interoperable** with other platforms.

Powered by



## CAPABILITIES OVERVIEW

Advanced  
Geo-  
Spatial

API  
First

5D  
Data

Collaborative  
Ecosystem

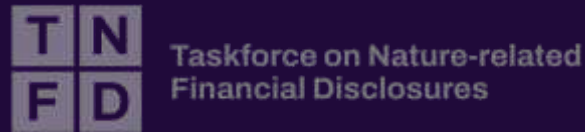
Supports  
ALL  
Ocean data

AI  
Optimized

Unlocks  
INDUSTRY  
Data

Bridging  
Global and  
Local Insights

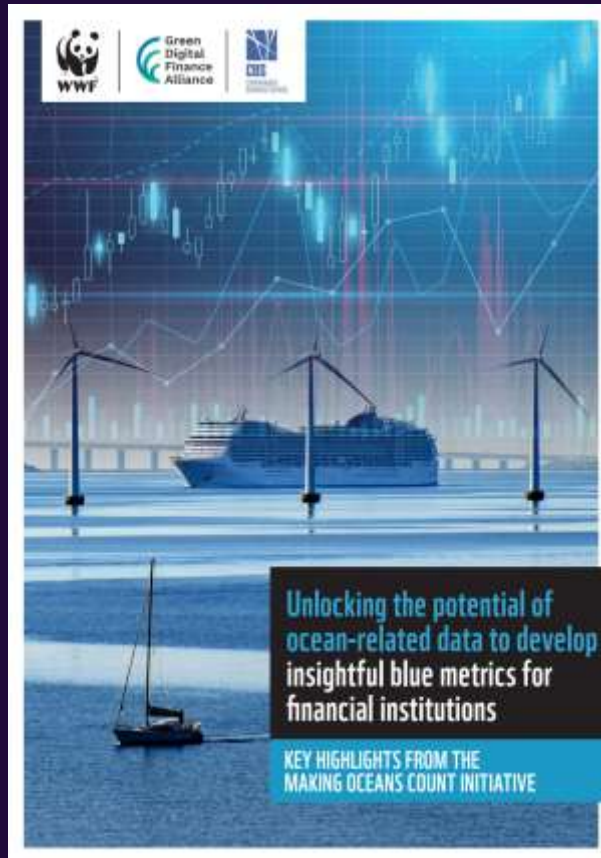
# A Rising Regulatory Tide





# Finance's Empowered ESG Compliance

## Understanding Portfolio Impacts and Risks



# Winning Business

## The Offshore Wind Case



ECOWENDE

x

HLIR Ocean

Pioneering open access to unprecedented amounts of **ecology data from offshore wind**

Environmental stewardship contributed to Ecowende **winning the bid for Hollandse Kust West**

Data made available on the Ocean Data Platform, **fueling scientific and operational models.**



x

HLIR Ocean

# Collaboration Models

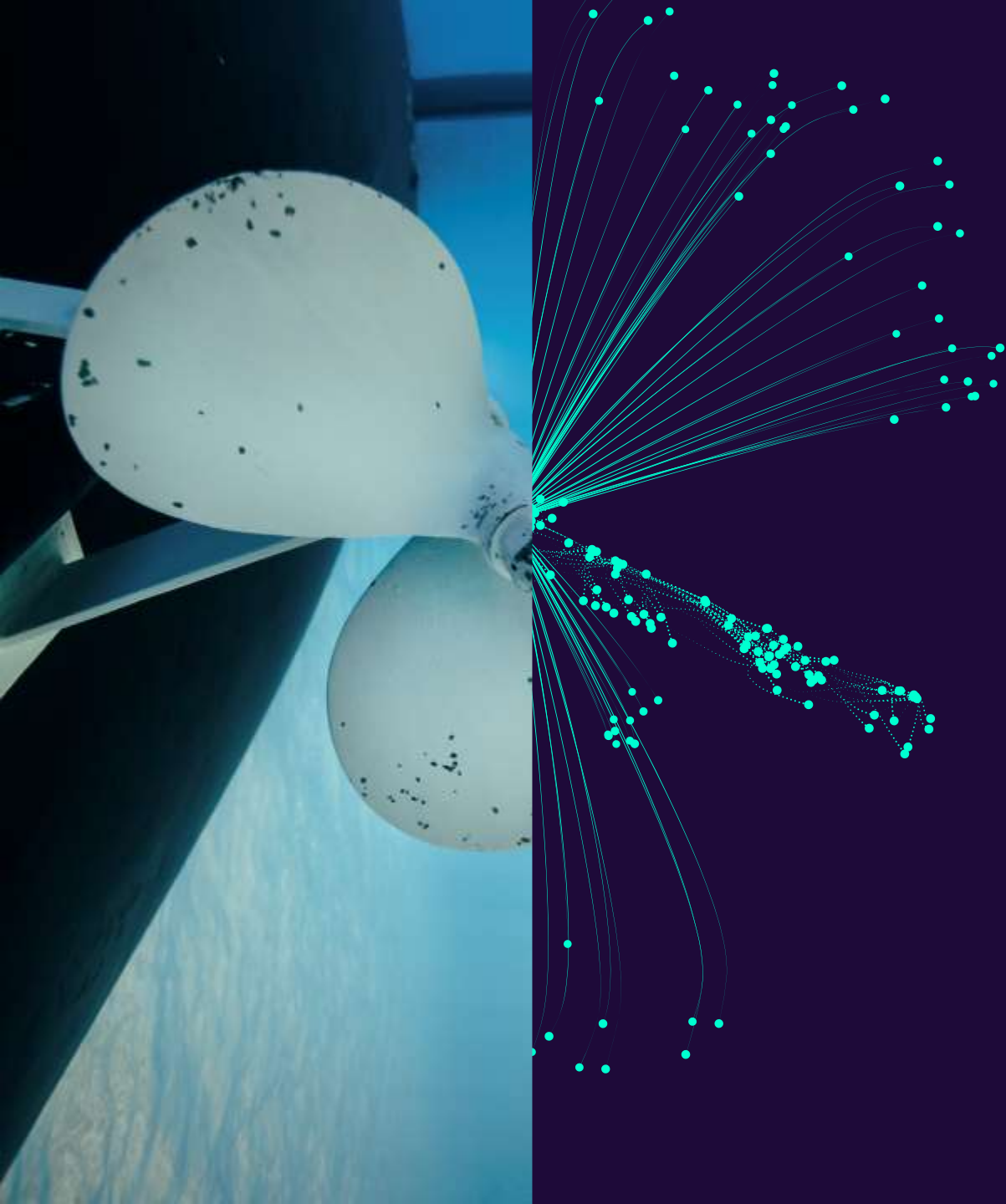
## *Science & Industry*

### The Marine Mammal Observation Case

PGS shares both Sightings of Marine Mammals and Turtles as well as CTD (T,S), Currents (5, 15, 20m) and Sea State information from the years 2008-2023.

**Business benefits:** Environmental stewardship + planning operations in line with regulations and avoid standby time.

**Science benefits:** Data allows for knowledge creation on marine mammal concentration and distribution patterns.



Thank you!

Laurence Janssens, COO

HUR Ocean