



# XOCEAN

Ocean data, **delivered.**







## Uncrewed Surface Vessels; Low Impact Ocean Data Collection for Offshore Wind Farms

Adam Bonner  
Business Development Manager, UK



# Ocean economy growth

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## The Challenge

The global ocean economy is projected to double to \$3T by 2030.

**Data is the foundation for this growth**

## Our Vision

To deliver the data that drives the sustainable and economic growth of our most precious resource - our oceans.





# High quality data with multiple use cases

**Data Deliverables:** Electronic files with multiple layers of information.

METOCEAN DATA



Wind speed, wave heights, pressure, temperature

WATER COLUMN



Fish stock, tidal flows, natural seeps

SEABED FEATURES



Asset integrity, boulders, sediment change, wrecks

ENVIRONMENTAL



Seabed sediment/environment mapping

BATHYMETRY

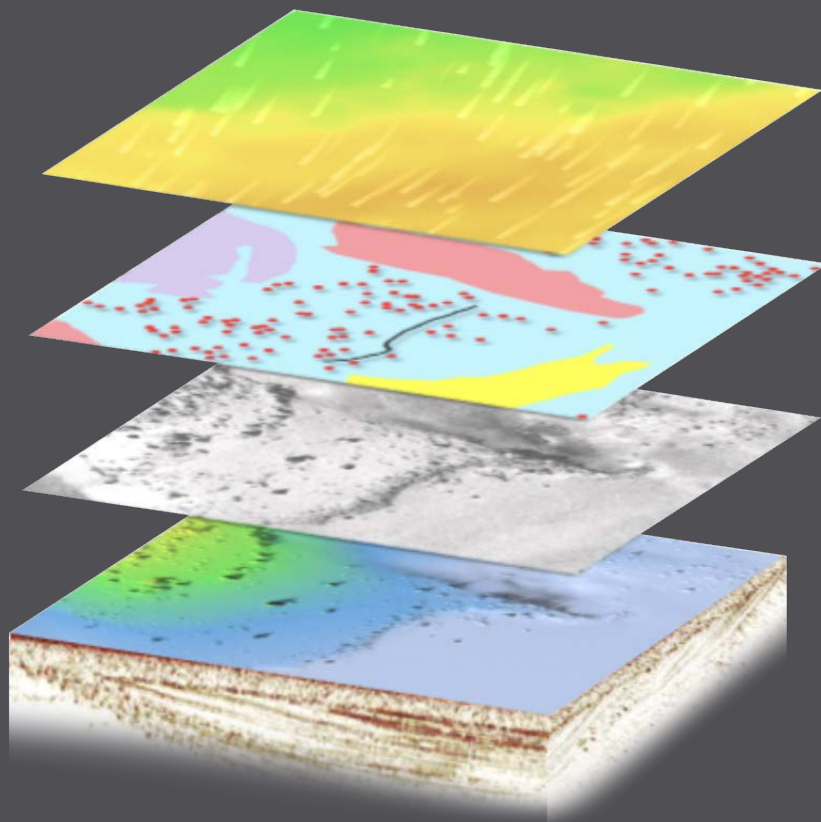


High resolution topographic map

SUB BOTTOM DATA



Buried cables, foundations, pipelines, underlying geology



# Highly differentiated value proposition

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## TRADITIONAL METHOD

- > **Safety:** Large crew offshore
- > **Emissions:** Significant Emissions
- > **Business Model:** High Day Rates

**Hornsea:** World's largest offshore wind farm supplying 2.5M homes

Ørsted

## XOCEAN SOLUTION: USV

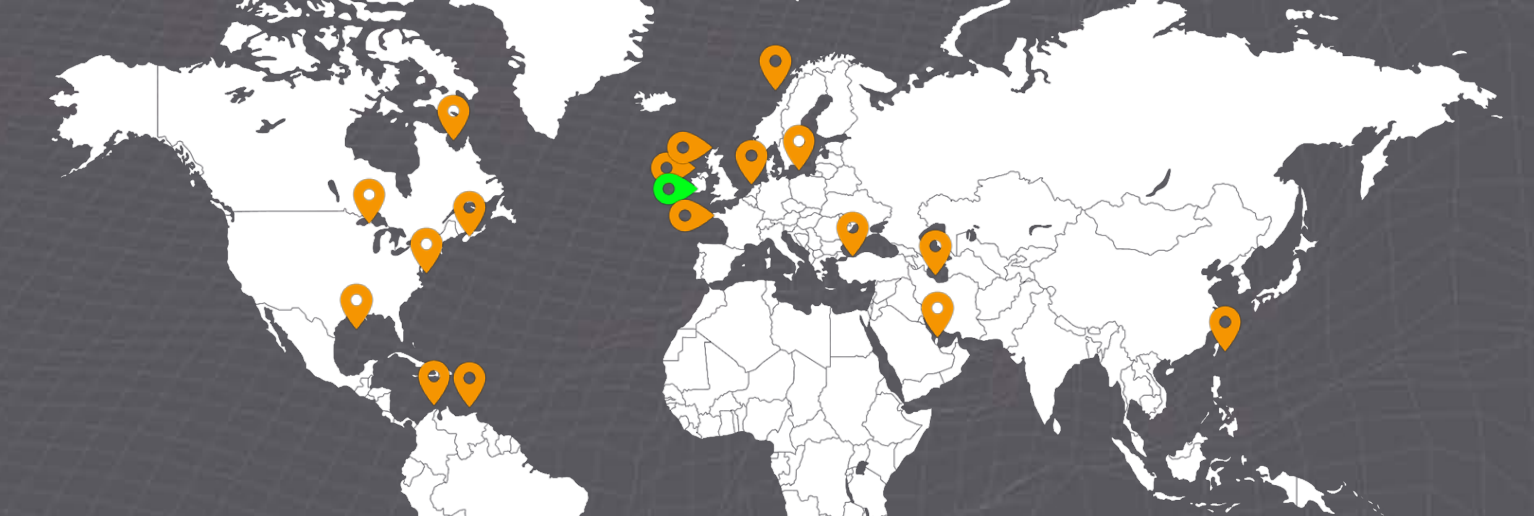
- > **Safety:** No personnel offshore
- > **Emissions:** 1,000x lower
- > **Business Model:** Data as a Service

# World class customers, with offices and deployments across 19 markets



Over **500 missions** across **19 jurisdictions** internationally.

International offices in Ireland, US, Canada, UK, Norway and Australia.



Orsted
DTC
FUGRO
px
MPI Offshore
Sonardyne  
SOUND IN DEPTH
TOTAL
HORIZON MARITIME

bp
Shell
Briggs
Foras na Mara Marine Institute
sse Renewables
PGS
Simply Blue Group
PERENCO
PARK WIND

VATTENFALL
RWE
Seadrill
sulmara SUBSEA
MMT
IIC TECHNOLOGIES
DEEPOCEAN

ROVCO
REACH SUBSEA
SHEARWATER

Fisheries and Oceans Canada  
Pêches et Océans Canada



# Safety, environment and sustainability at our core

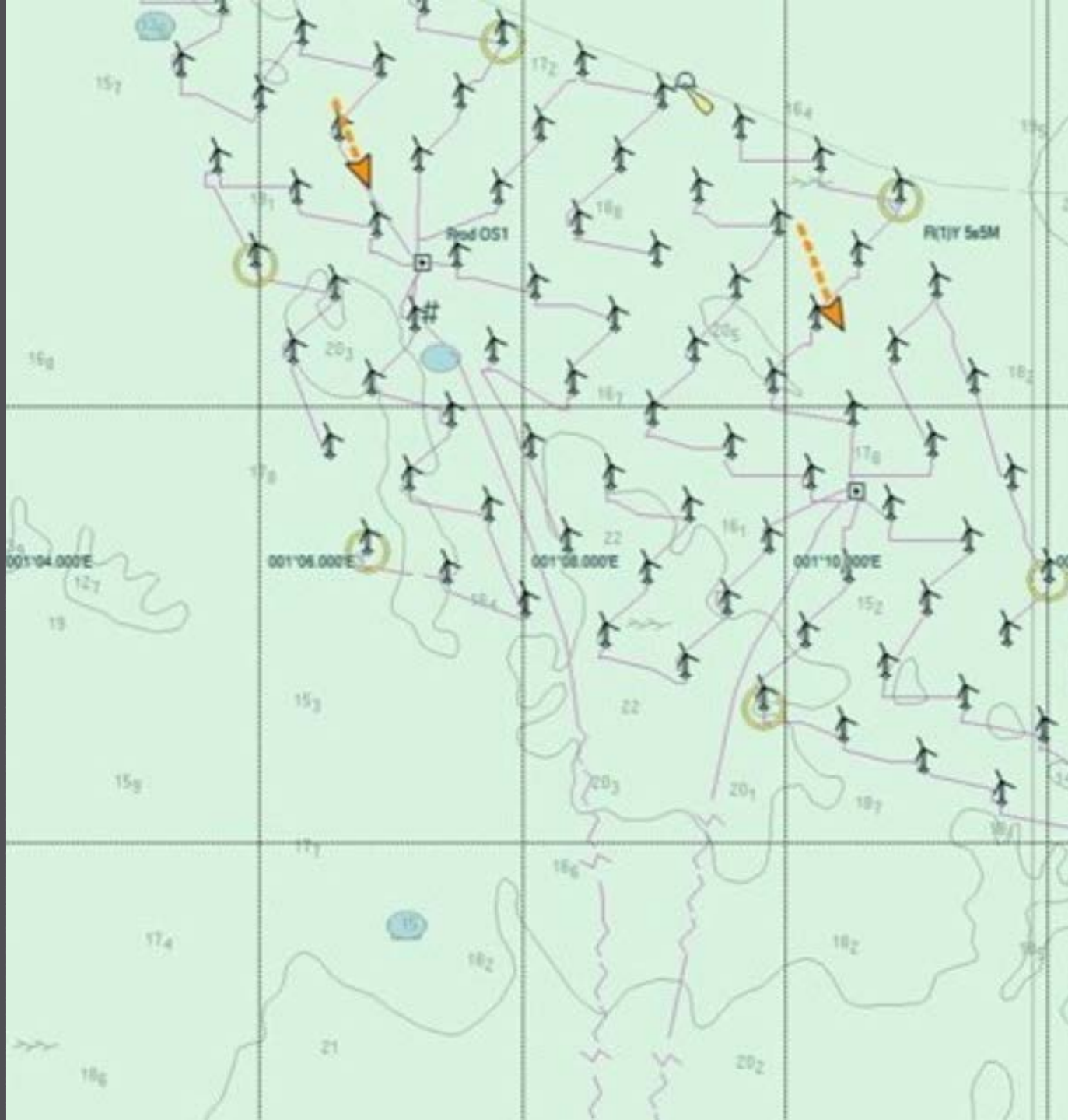
> **ENVIRONMENT:** Over the **next 5 years**, we will displace the emission of **one million tons** of carbon.

> **ENVIRONMENT:** Over the **next decade**, we will support the development of over **100 gigawatts** of offshore wind.

> **SAFETY:** In the **next 5 years**, we will avoid over **5 million** seafarer exposure hours.

> **GENDER BALANCE:** Over the **next decade** we will operate at more than **triple** the IMO average for seafarers.





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# TECHNOLOGY

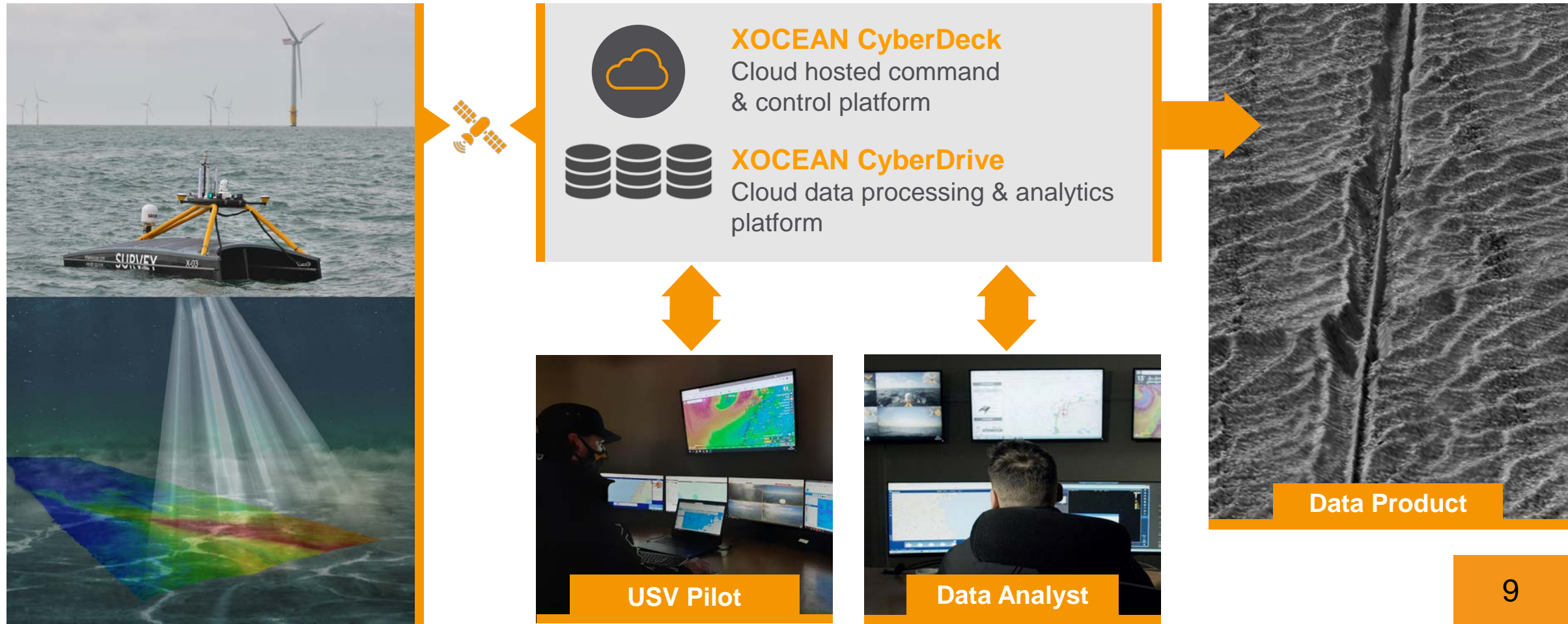
World leading uncrewed system



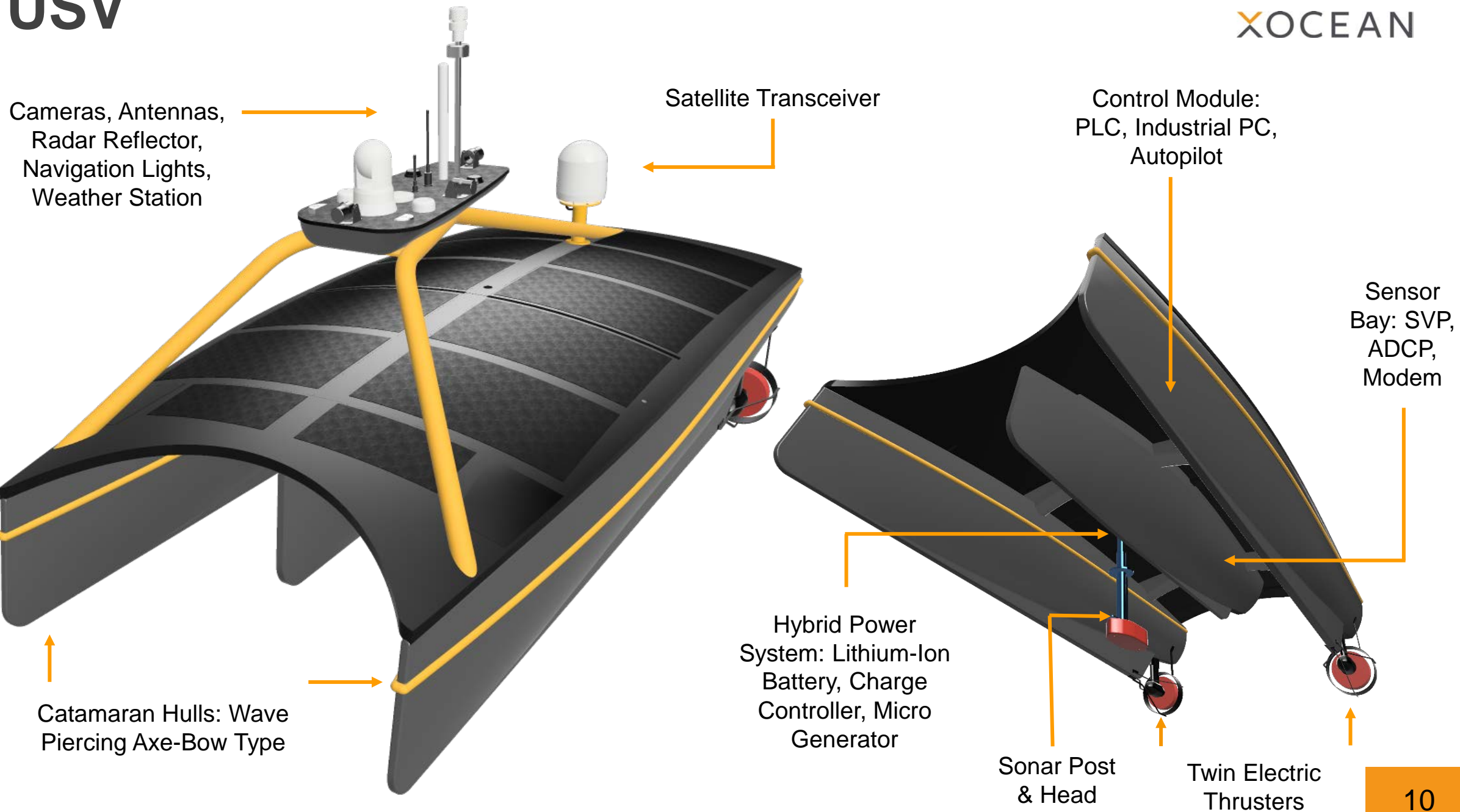
# Vertically integrated **acquisition** and **data analytics** platform

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WORKFLOW



# USV







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# DEVELOPMENTS

Towed Sensor Capability





# Towed SSS and MAG from a USV



# Offshore Wind activity in 2022

✓ **105,000** hrs  
Seafarer Exposure Hrs Avoided

✓ **21,000** hrs  
Survey Operations

✓ **28,000** tons  
CO<sub>2</sub> Avoided

✓ **150**  
Missions Completed

✓ **21.8** GW  
Development Supported







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