

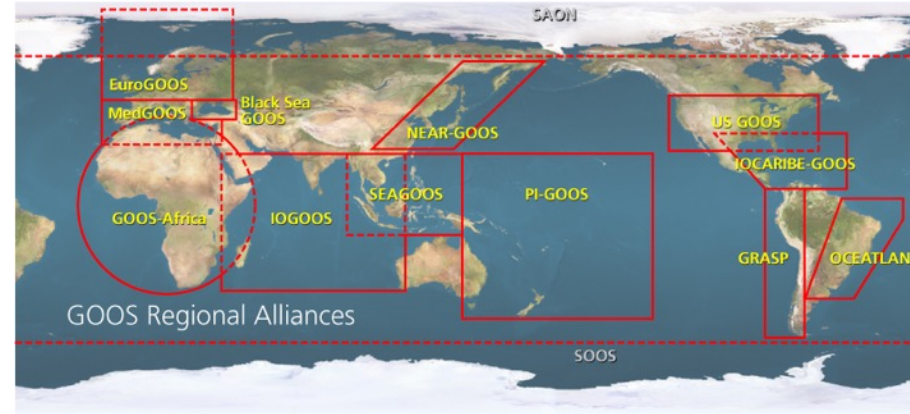
Supporting Communities and Partners in Offshore Wind Energy Development

Gerhard F. Kuska, PhD
Executive Director – MARACOOS
Chair of the Board – IOOS Association

Ocean Observing: From Regional to Global



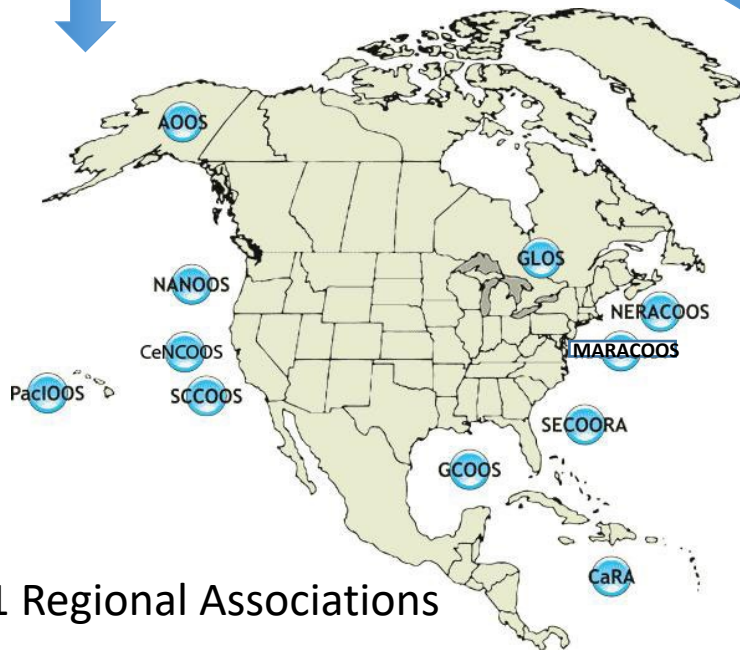
International
Component



Global Ocean Observing System

U.S. Regional
Component

U.S. National
Component



11 Regional Associations



17 U.S. Federal Agencies

Interagency Ocean Observing Committee



 **National Oceanic and Atmospheric Administration (NOAA)**



 **National Science Foundation (NSF)**



 **National Aeronautics and Space Administration (NASA)**



 **Environmental Protection Agency (EPA)**



 **Bureau of Ocean Energy Management (BOEM)**



 **Marine Mammal Commission (MMC)**



 **Joint Chiefs of Staff**



 **Office of Naval Research**



 **U.S. Army Corps of Engineers**



 **U.S. Coast Guard**



 **U.S. Geological Survey (USGS)**



 **U.S. Department of State**

IOOS CERTIFICATION

→ A CERTIFIED NATIONAL NETWORK



• MARACOOS Data Management Plan:

- Data Flow
- Quality Control
- Data Sharing
- Archiving

→ All 11 regional associations are certified by the federal government for meeting rigorous governance and data management standards.

Why it matters?

- IOOS provides national consistency while unique and diverse regional needs
- IOOS provides ready access and preserves data with transparency and documentation
- Certification enhances efficient interagency coordination at the regional and national level

US IOOS Regional Associations

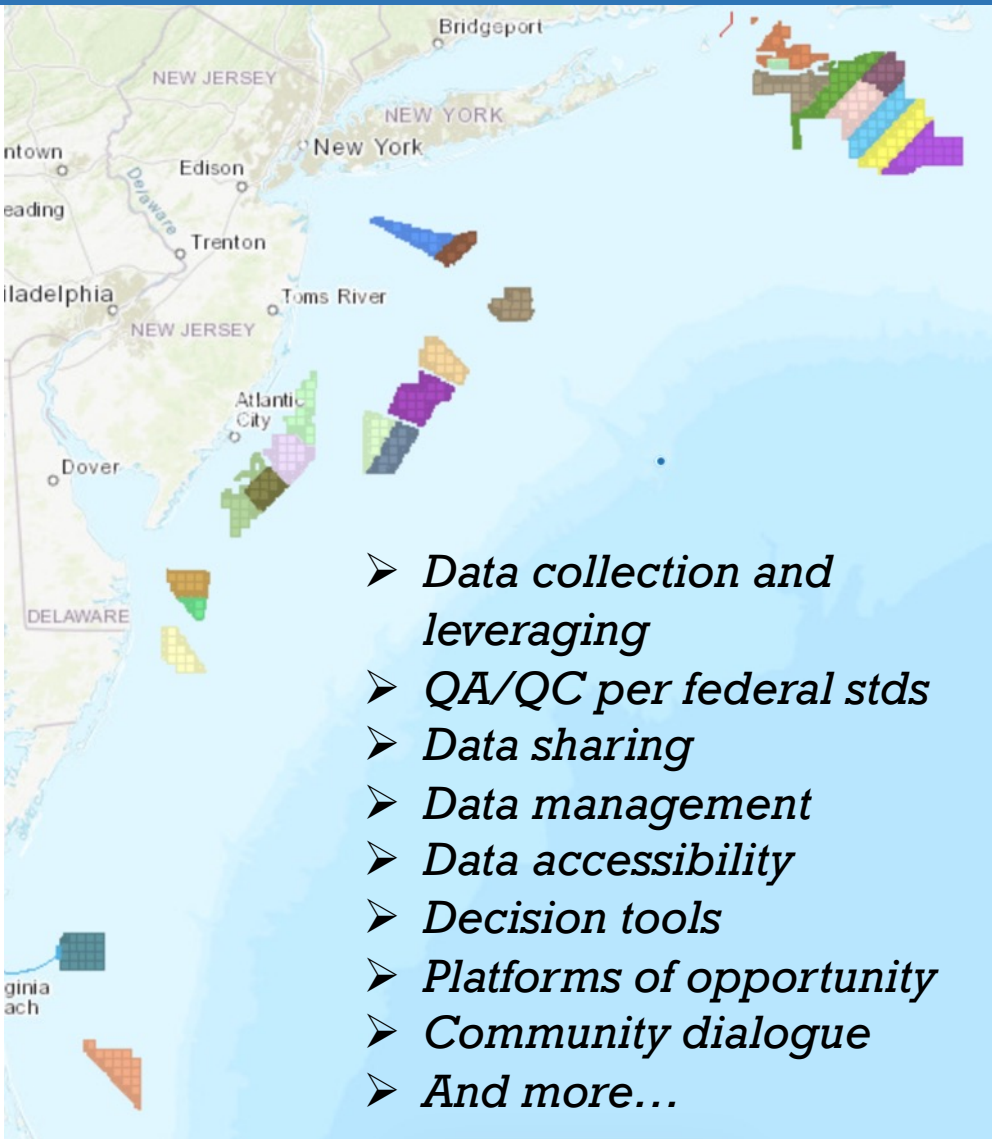
→ extended arm of the federal agencies

US IOOS: Data Management and Communication

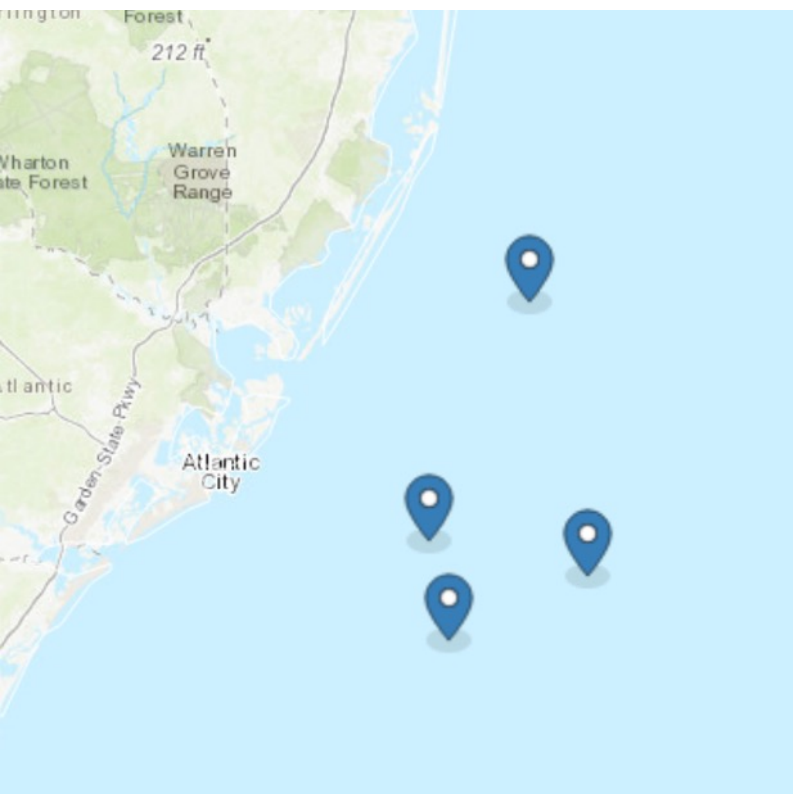
- storage
- discoverability
- accessibility
- compliance
- visualization



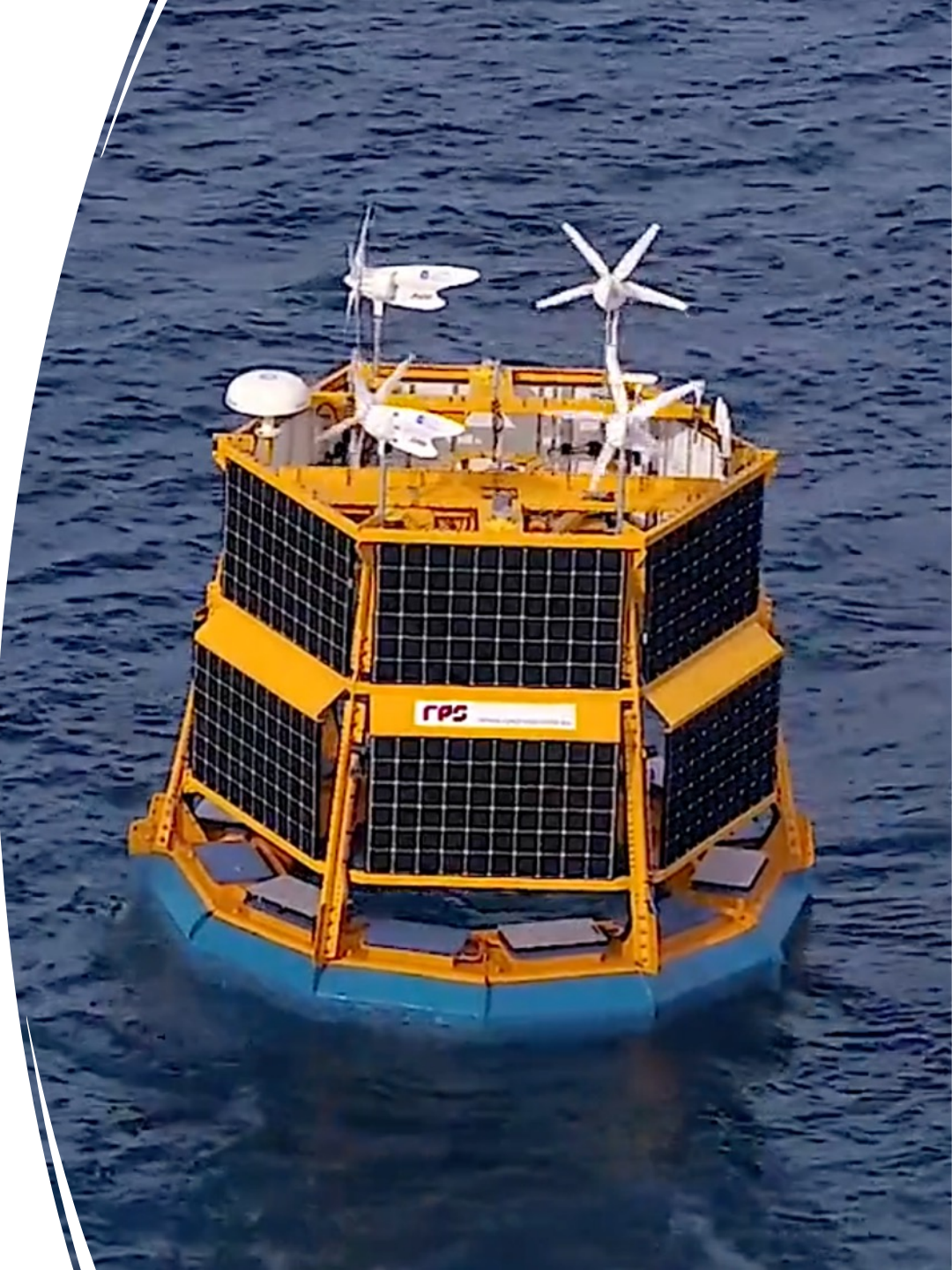
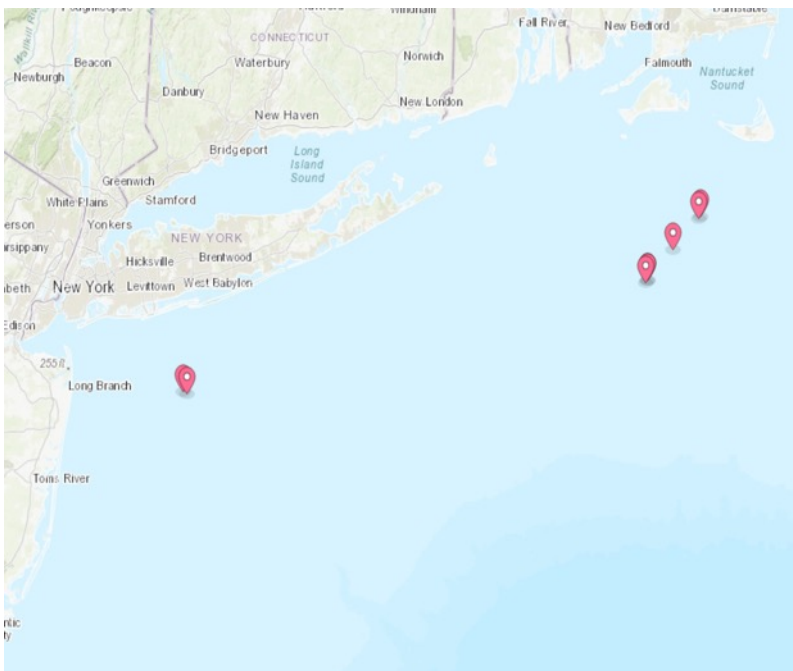
Offshore Wind Development in the Mid-Atlantic and beyond: Opportunities for Partnering and the Provision of Services



Atlantic Shores / Fugro



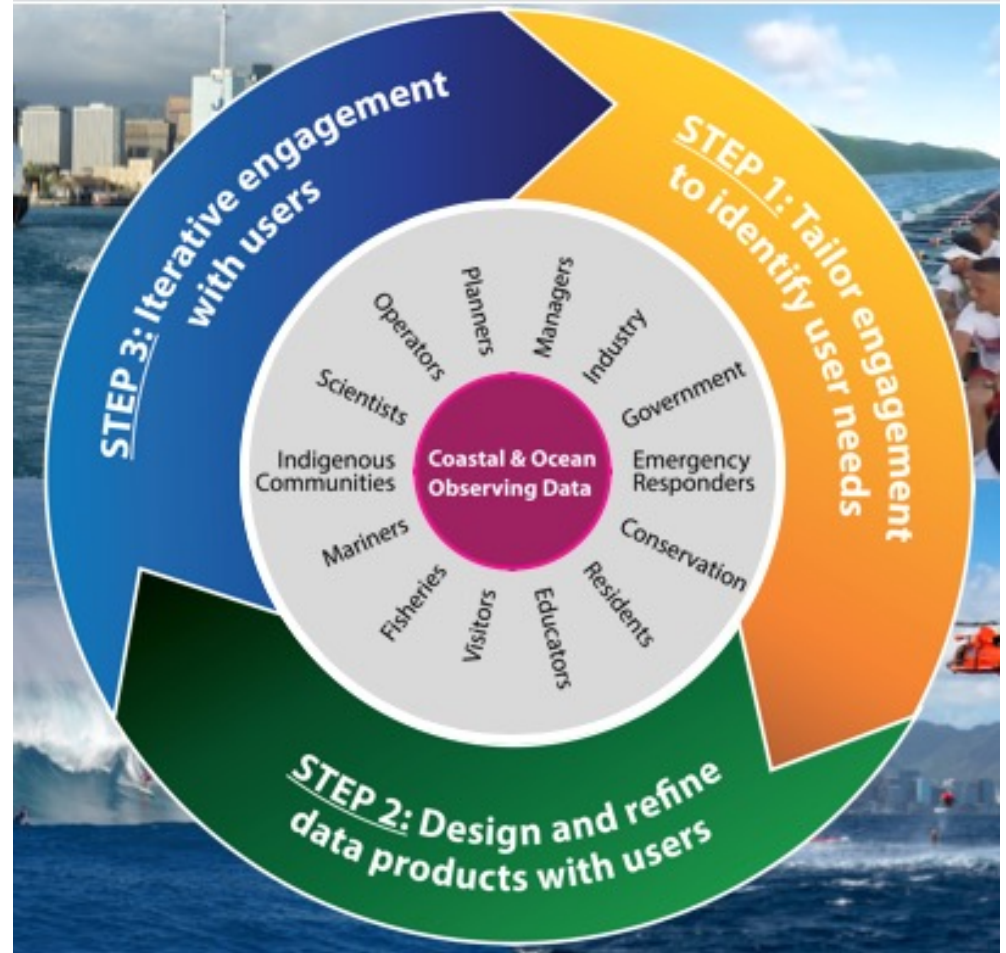
Equinor / RPS



Other partnering discussions proceeding...



Challenges & Opportunities

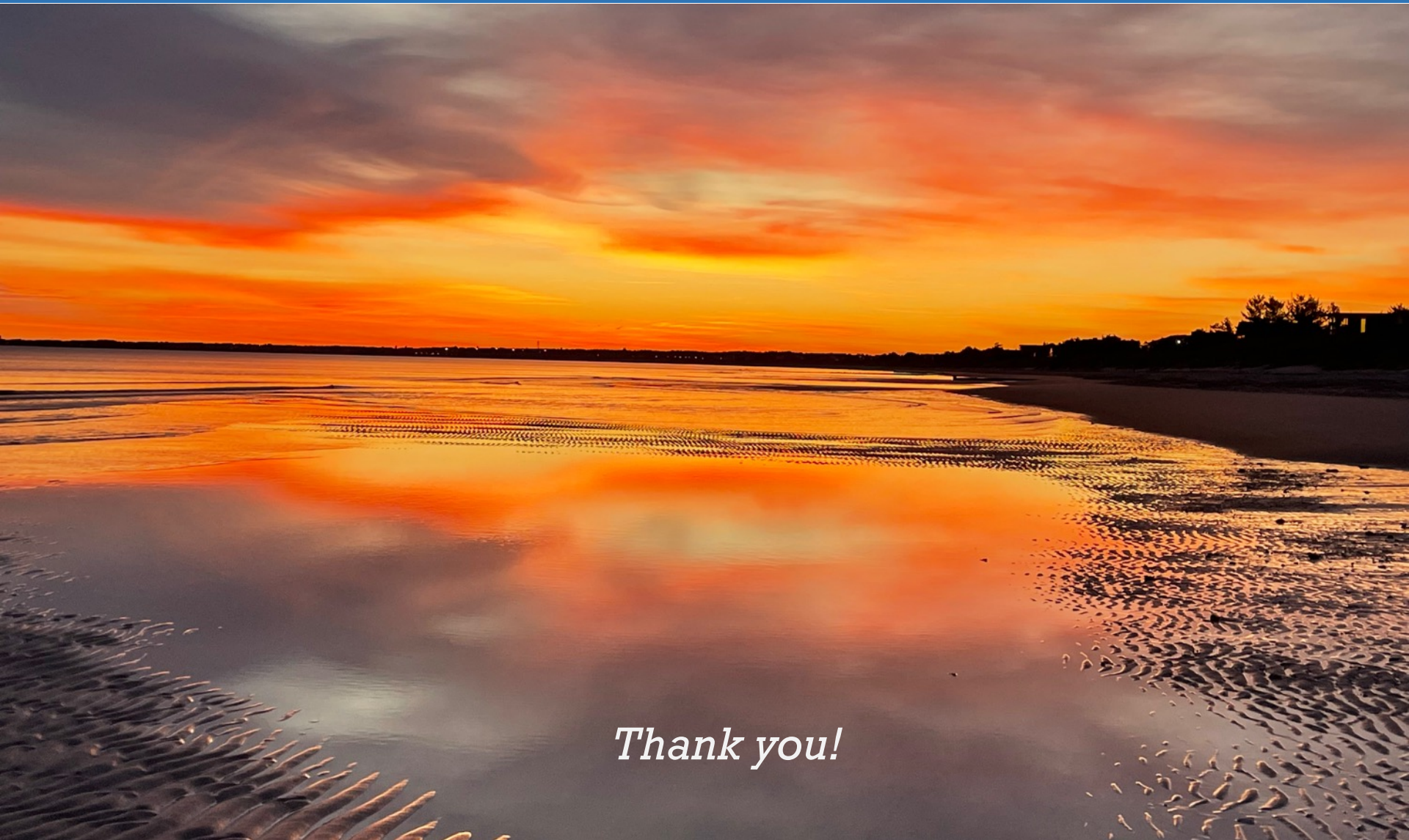


IOOS
Association

RWSC
Regional Wildlife Science Collaborati
for Offshore Wind

ROSA
Responsible Offshore
Science Alliance

IOOS contributes to the Blue / New Blue Economy



Thank you!