

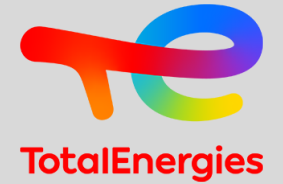
## **TotalEnergies Carolina Long Bay**

NC Beach, Inlet and Waterway Association

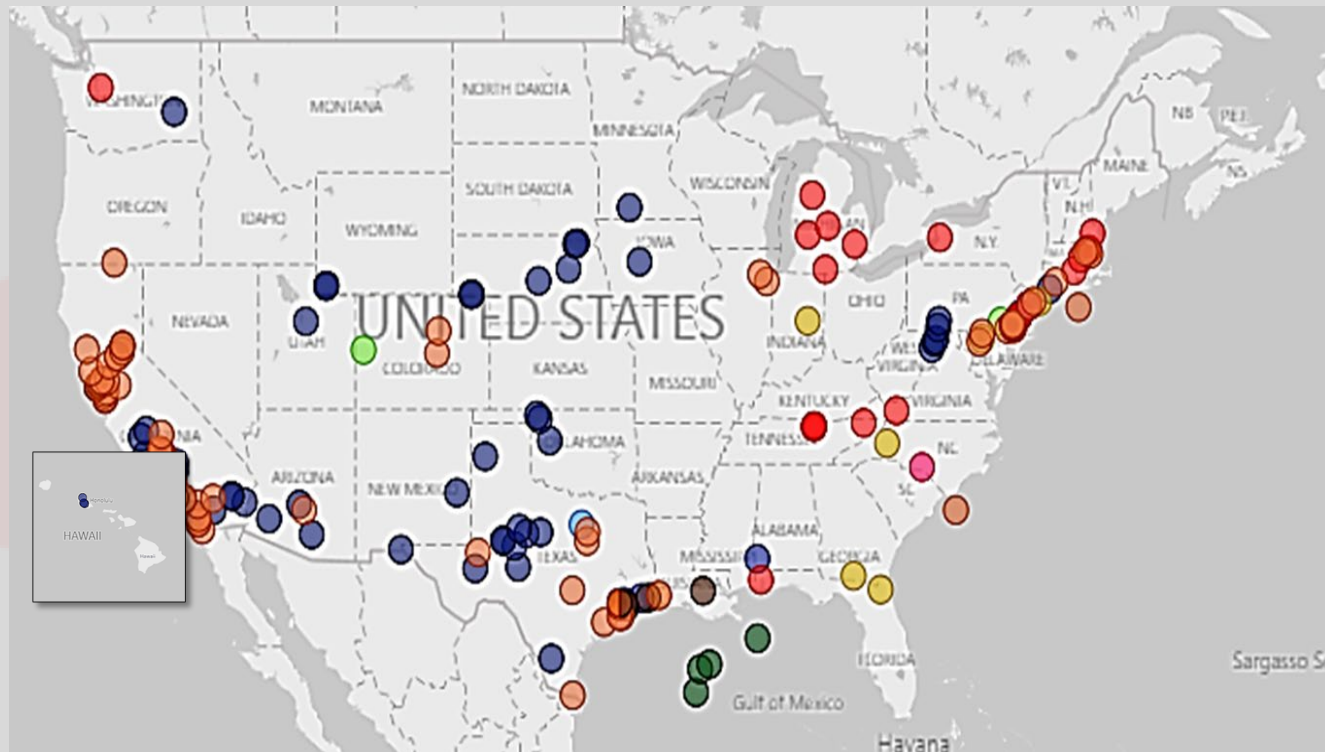
November 18, 2024

# TotalEnergies USA

## Building energy projects across the US since 1957



TotalEnergies is building a cost-competitive portfolio combining renewables (solar, onshore and offshore wind) and flexible assets (CCGT, storage) to deliver clean firm power to its customers.



**US RENEWABLES PORTFOLIO CONTRIBUTES TO 25% OF GLOBAL TARGET OF 100GW BY 2030**

**6,000+ EMPLOYEES IN THE US**

**LARGEST EXPORTER OF US LNG IN 2023**

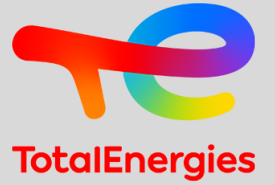
**\$100M AWARDED IN 2022 TO CONTRACTORS FOR GOODS AND SERVICES**

**10 MTPA LNG BEING EXPORTED FROM 5 DIFFERENT LIQUEFACTION TERMINALS**

**TOP 5 PRODUCERS IN SOLAR AND WIND POWER**

Affiliate ● Barnett ● Clearway ● Cray Valley ● Cray Valley - Site Sold ● Hutchinson ● SAFT ● TEAS ● TEEP AME ● TEMUSA ● TEPRI ● TERUSA ● TGPNA/GLNG NA

# TotalEnergies: Global Offshore Wind portfolio



**>16 GW**

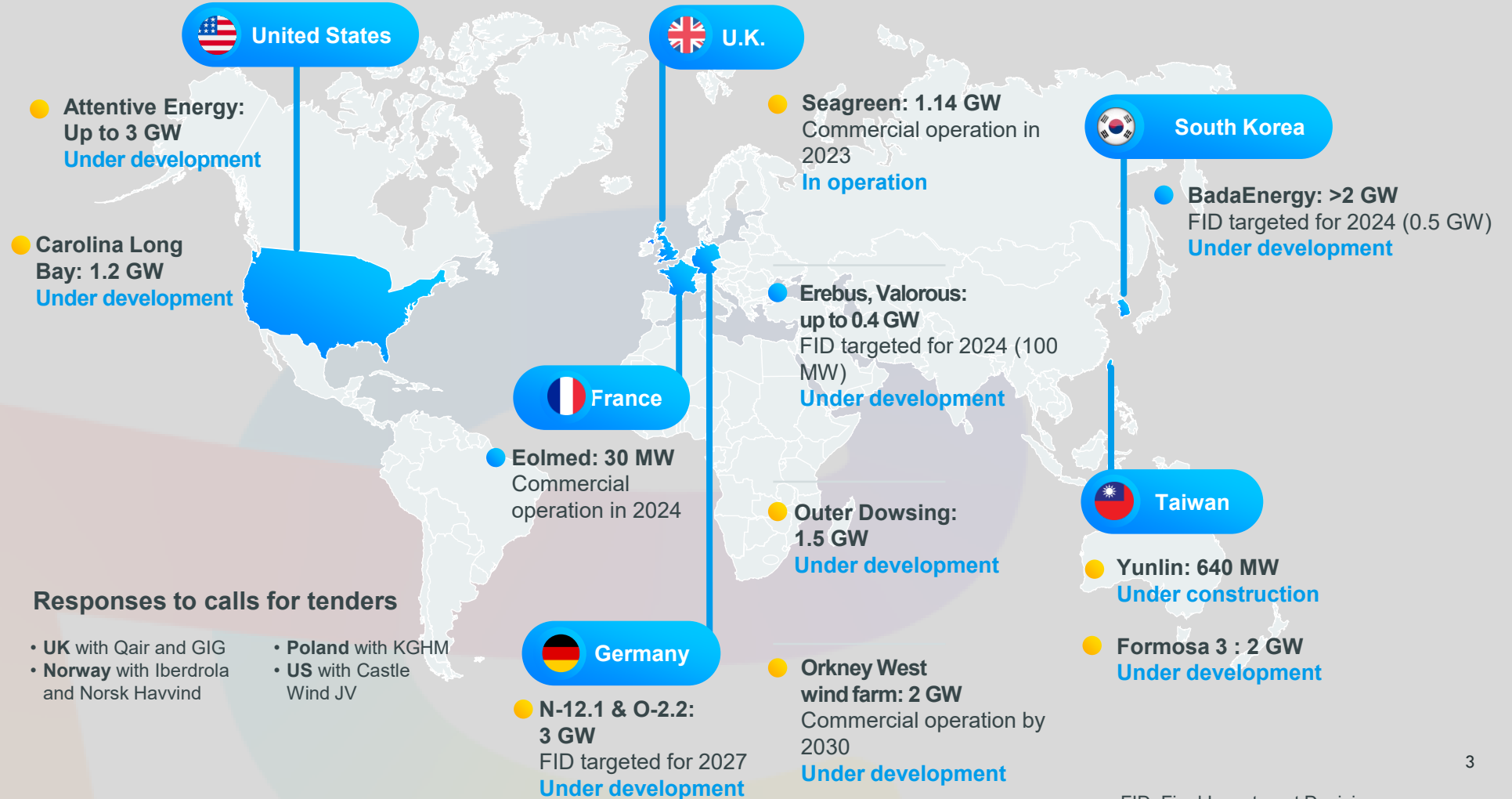
from projects in development or under construction



Floating



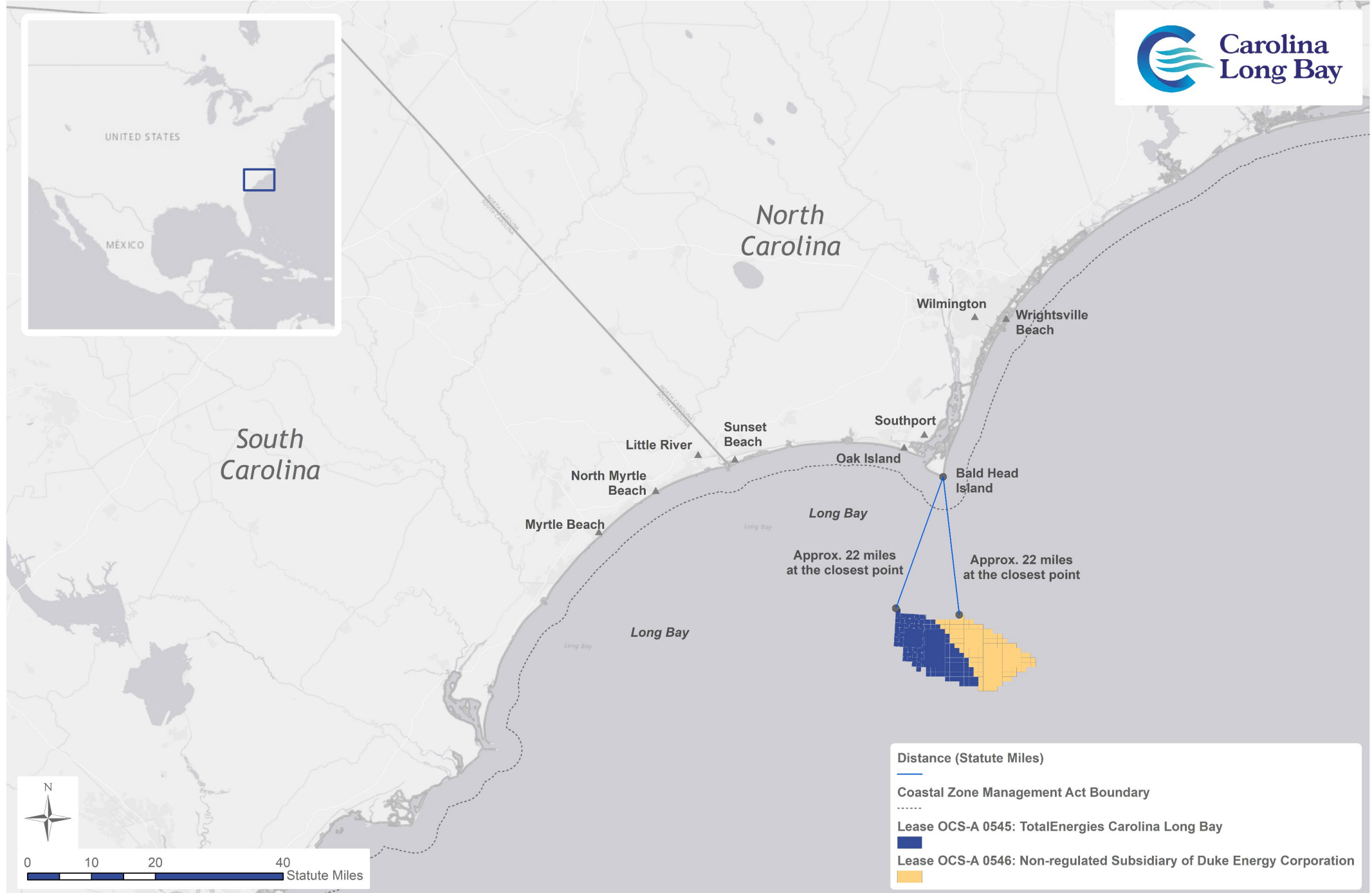
Fixed



## Responses to calls for tenders

- UK with Qair and GIG
- Poland with KGHM
- Norway with Iberdrola and Norsk Havvind
- US with Castle Wind JV

FID: Final Investment Decision





## 2023 Joint Surveys with Duke Energy

Offshore activities to assess buoy locations:  
August 18, 2023 – August 21, 2023

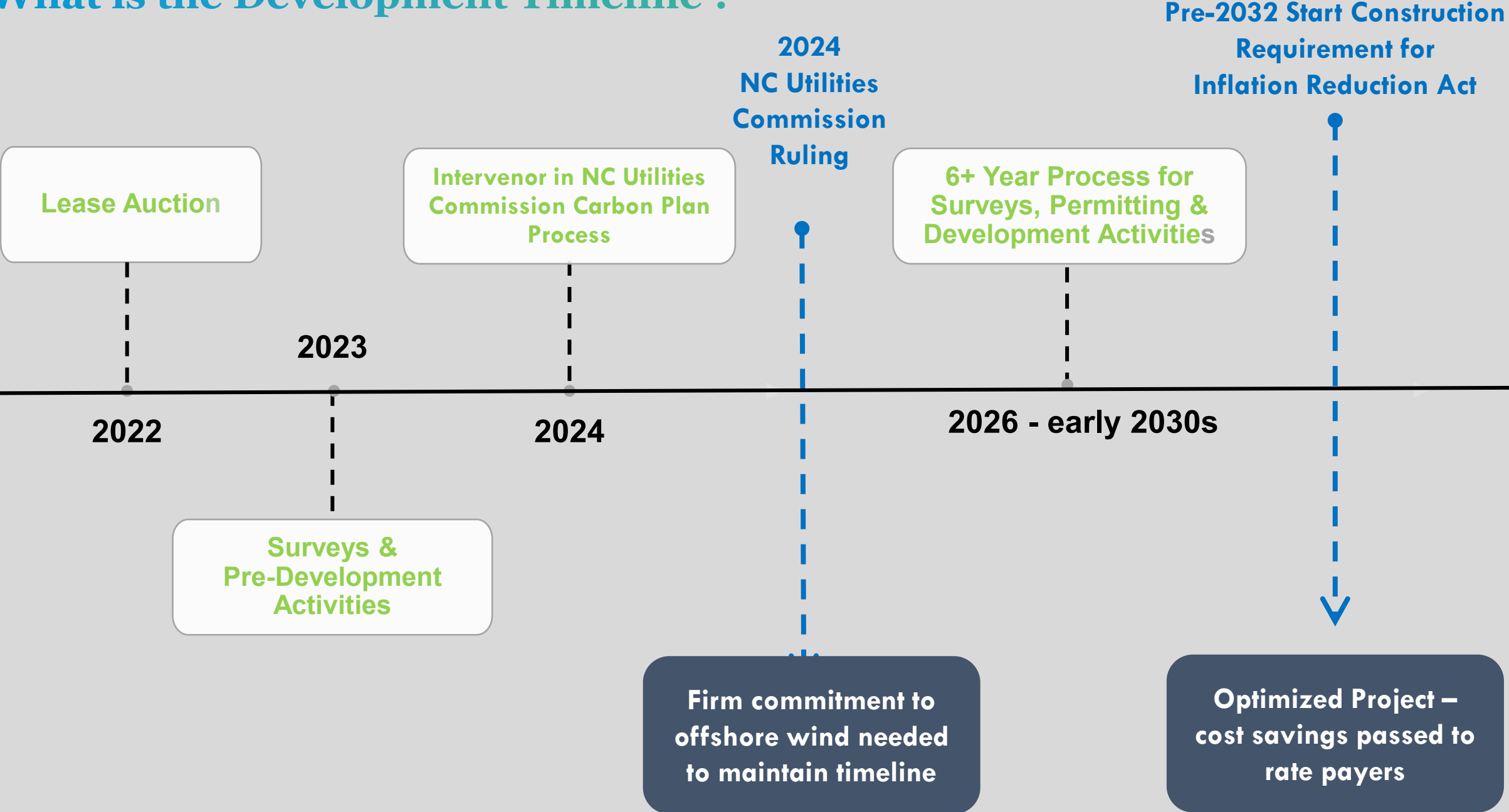
Survey Contractor:  
Geodynamics, a NC-based company

Protected Species Observer & Offshore Fisheries Liaison Contractor:  
RPS

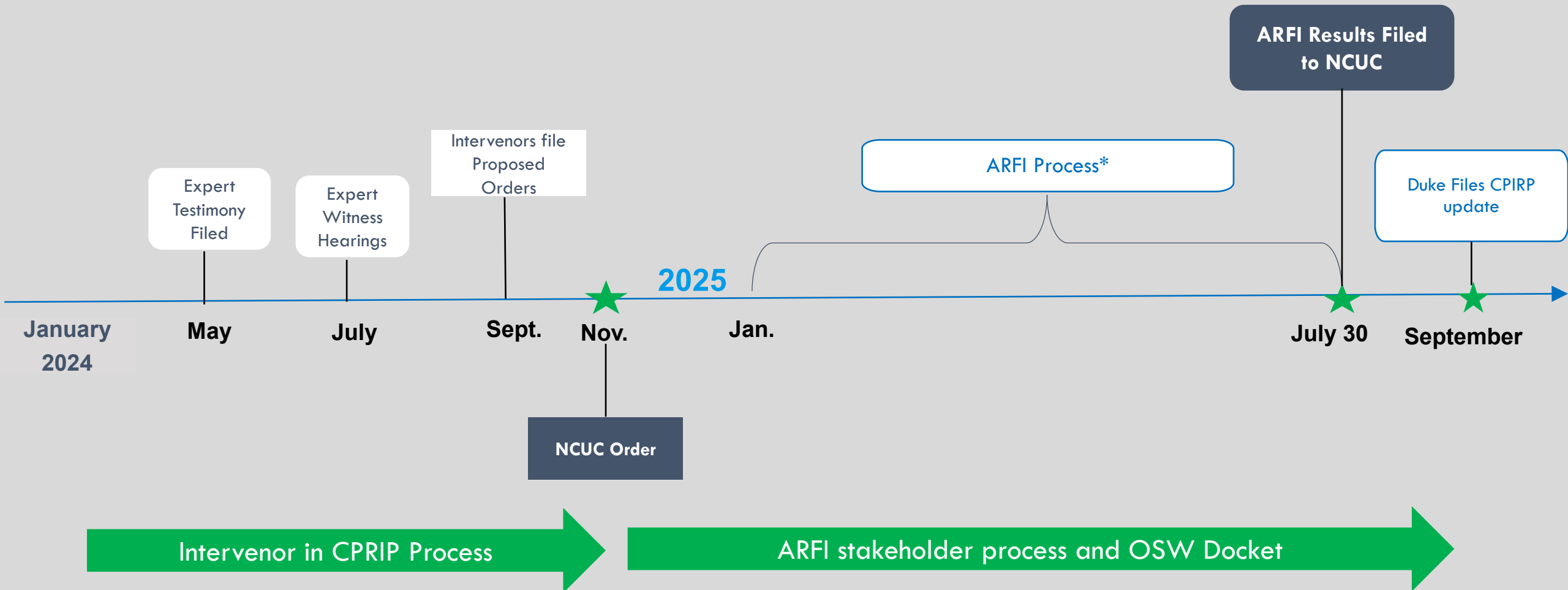
Vessel: R/V Shackleford, mobilized from South Harbour Village, Oak Island



# What is the Development Timeline ?



# Key Steps in the NC Carbon Plan IRP Process

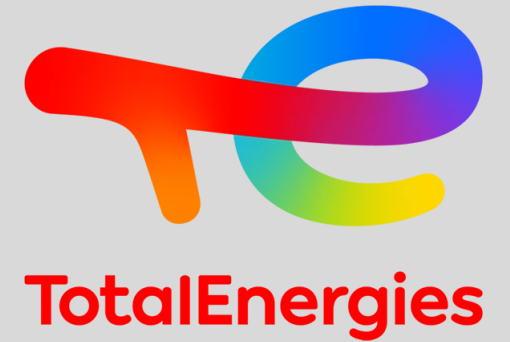


# Offshore Wind Supports Increased Energy Needs in the Carolinas

- Cost-competitive and commercially available
- Billions in economic development potential
- Ability to generate clean energy day and night
- Ability to produce energy on cold winter mornings
- Capacity factors ranging from 40-50%
- Complementary to other growing energy resources such as solar







**Thank you**

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<https://carolinalongbay.com/>