

# Accessibility and Compatibility of Fisheries-Independent Data in Offshore Wind Areas



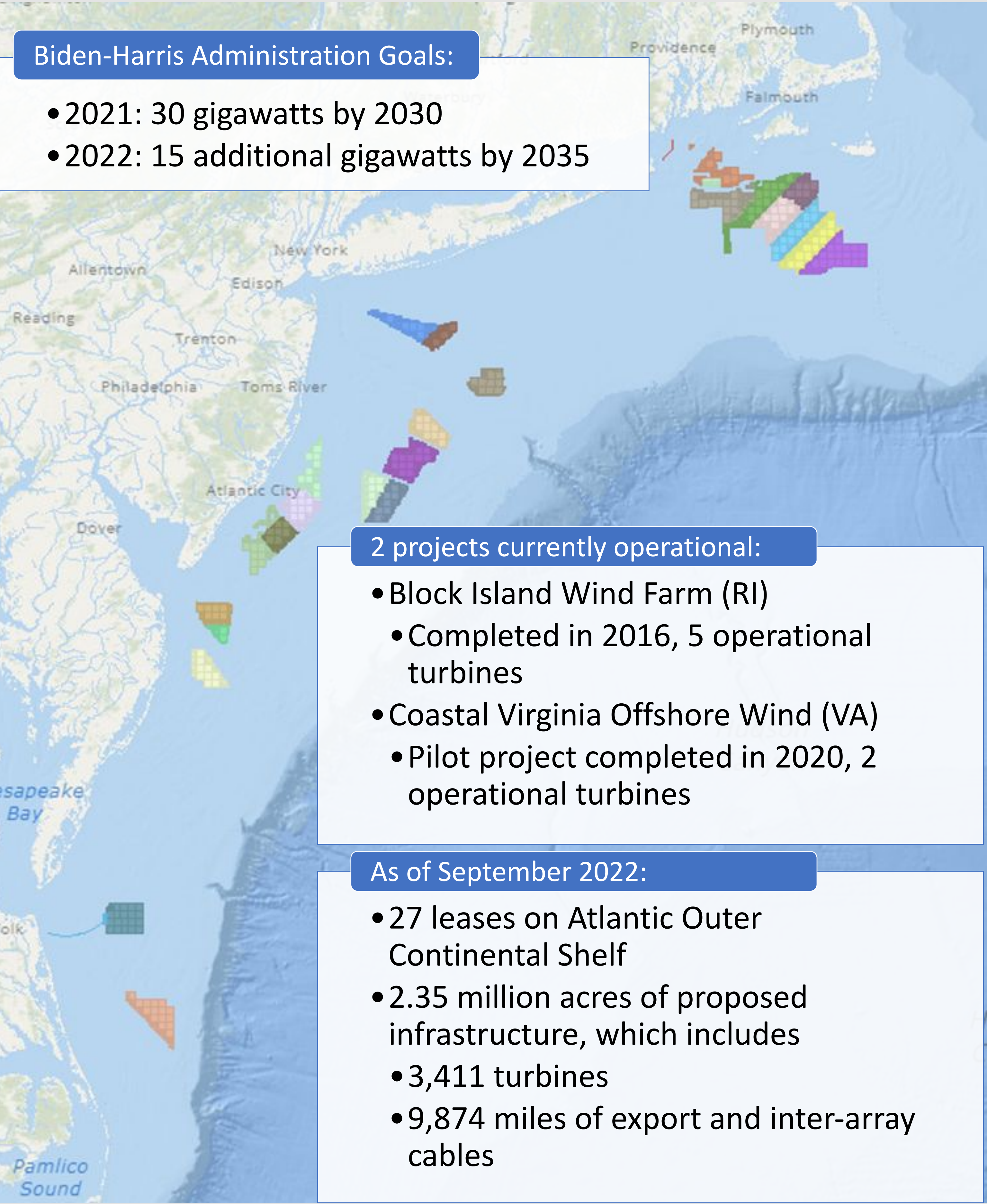
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## Problem: Lack of Data Compatibility

- Fisheries data are being collected by:
  - Federal & state agencies
  - Intergovernmental groups
  - Academic institutions
  - Offshore wind developers
- Seemingly no set of existing data standards
- Regional analysis hampered by incompatible data
  - Tracking impact of offshore wind becomes more difficult

## Offshore Wind in the United States




## Data Collection




7 surveys were contacted with data requests

Included state agencies & academic institutions



Secured 13 data related files from 6 surveys



Initial issues included link rot, miscommunication

## Data Inconsistencies

Species Code	Length	Date	Position†
ITIS* codes	Total length (cm)	m/d/yyyy	41°34.5'N (DDM)
Common names	Total length vs. Fork length**	mm/dd/yyyy	4135 (DDM)
NEFSC Bottom Trawl Survey code	Length (mm)	yyyymmdd	4134.525 (DDM)
Used their own code	Length rounded to nearest cm	Separate columns for m, d, yyyy	41.722218 (DD)

\* Integrated Taxonomic Information System  
\*\* Only two surveys indicated whether they were measuring fork length or total length.  
† No two surveys recorded their position data in the same way.

## Moving Forward

- Offshore wind is an opportunity to establish regional cooperation and monitoring
- Elimination of data silos allows for better, more efficient science.
  - Potentially difficult due to proprietary nature of developer data

## ROSA Recommendations

- Encourage BOEM to convene workshops to set standards, ROSA as co-sponsor
- Collaborate across disciplines with UK Marine Data Exchange
- Draft a template developer data accessibility agreement
- Pursue a pilot for two OSW monitoring projects to combine data
- Continue work to ensure fisheries data is stored, secured, shared
- Continue to push for data handling and sharing plans as part of research monitoring requirements
- Recommend or, if necessary, develop data standards

### Acknowledgements

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Check out the ROSA website:

### References

Map: Mid-Atlantic Ocean Data Portal. Offshore wind facts: BOEM and NOAA Fisheries Draft North Atlantic Right Whale and Offshore Wind Strategy. 10/21/2022

