



Maryland's lifeline is the Chesapeake Bay—where we work and play.

Challenges for dredging and beneficial use can become opportunities with the right strategies.

Expanding Beneficial Use in Maryland

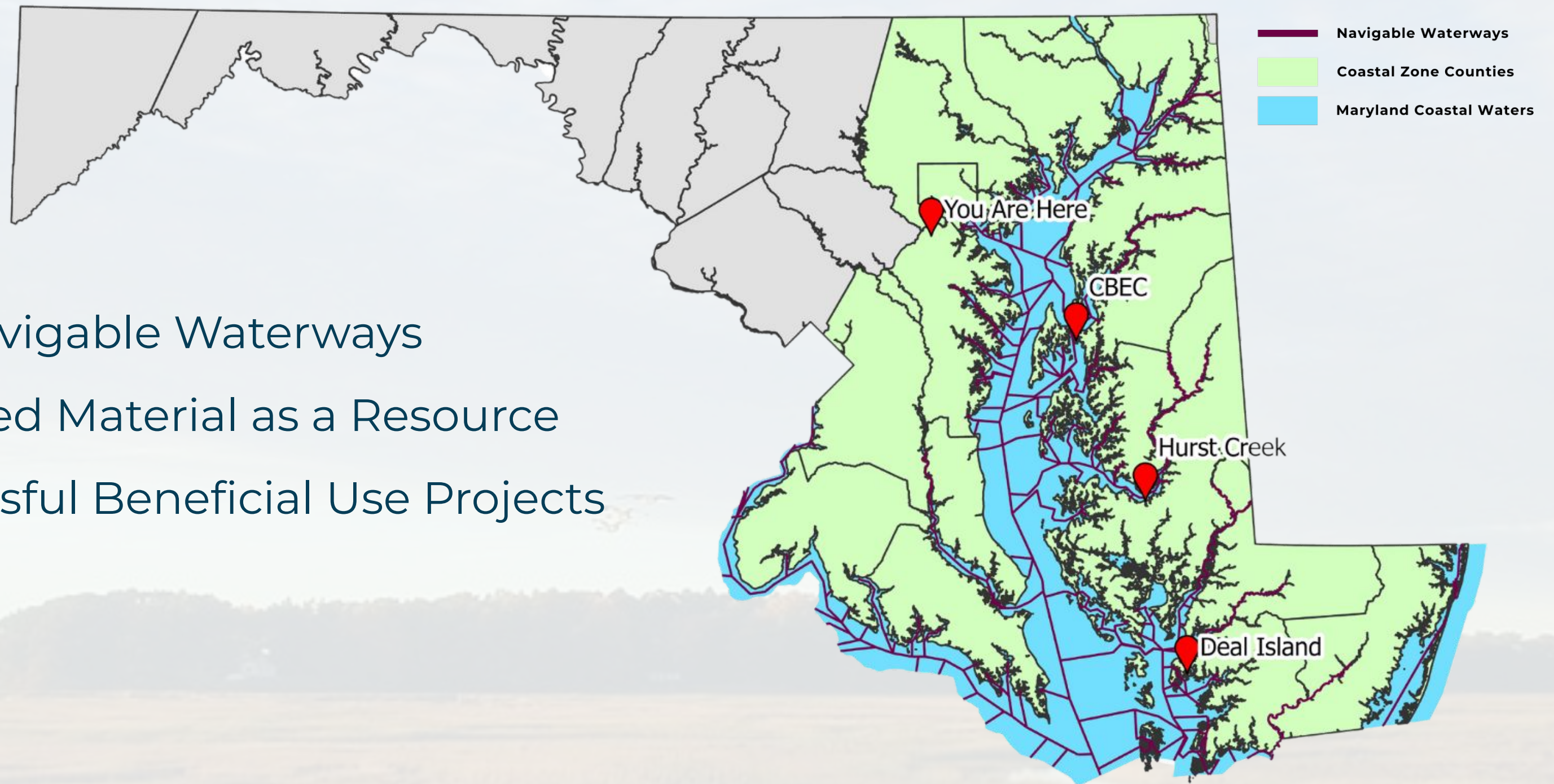
Maggie Cavey, M.Ed., *Beneficial Use Planner*
Maryland Department of Natural Resources

WEDA Eastern Chapter Meeting
October 2024

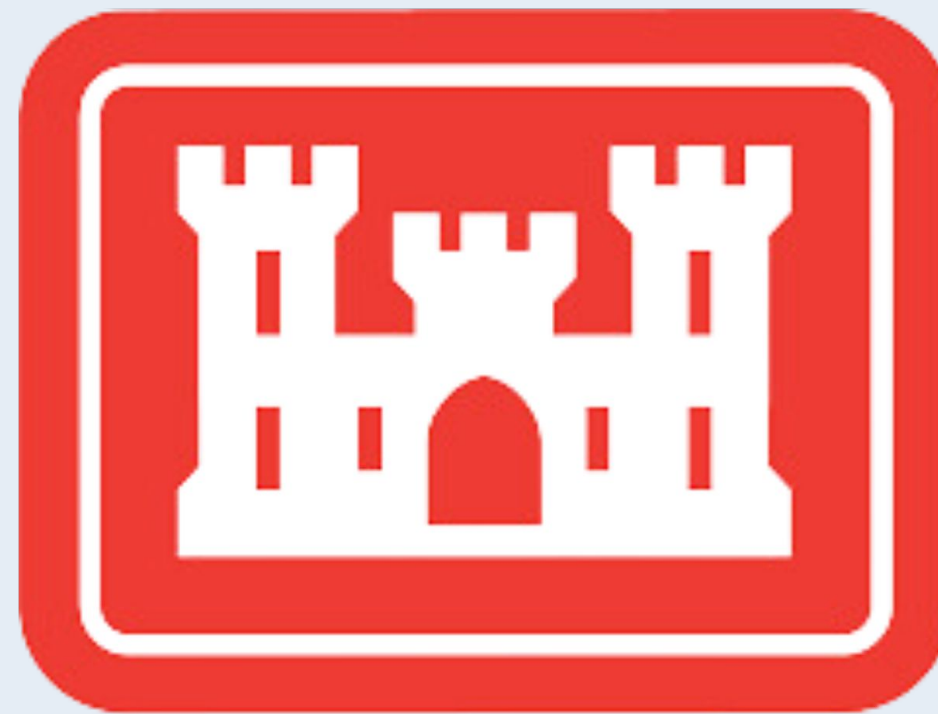


Maryland's Waterways and Dredging Landscape

- MD Navigable Waterways
- Dredged Material as a Resource
- Successful Beneficial Use Projects



Key Players in Beneficial Use in Maryland



Key Players in Beneficial Use in Maryland

In 2024, MPA engaged **16,098** Marylanders in stakeholder outreach.

In FY24, the Baltimore District of USACE beneficially used **83%** of dredged material.

MDE's **IRBU Guidance Document** ensures transparency in BU policies and procedures.

The Role of Maryland DNR in Beneficial Use

- The Center for Waterway Improvement and Infrastructure's **Waterway Improvement Fund**
- The Center for Coastal Planning's **Resiliency through Restoration Initiative**
- NOAA's **Coastal Zone Management** program



Challenges to Expanding Beneficial Use in Maryland

- Misalignment of Funding
- Regulatory Complexities
- Sediment Variability

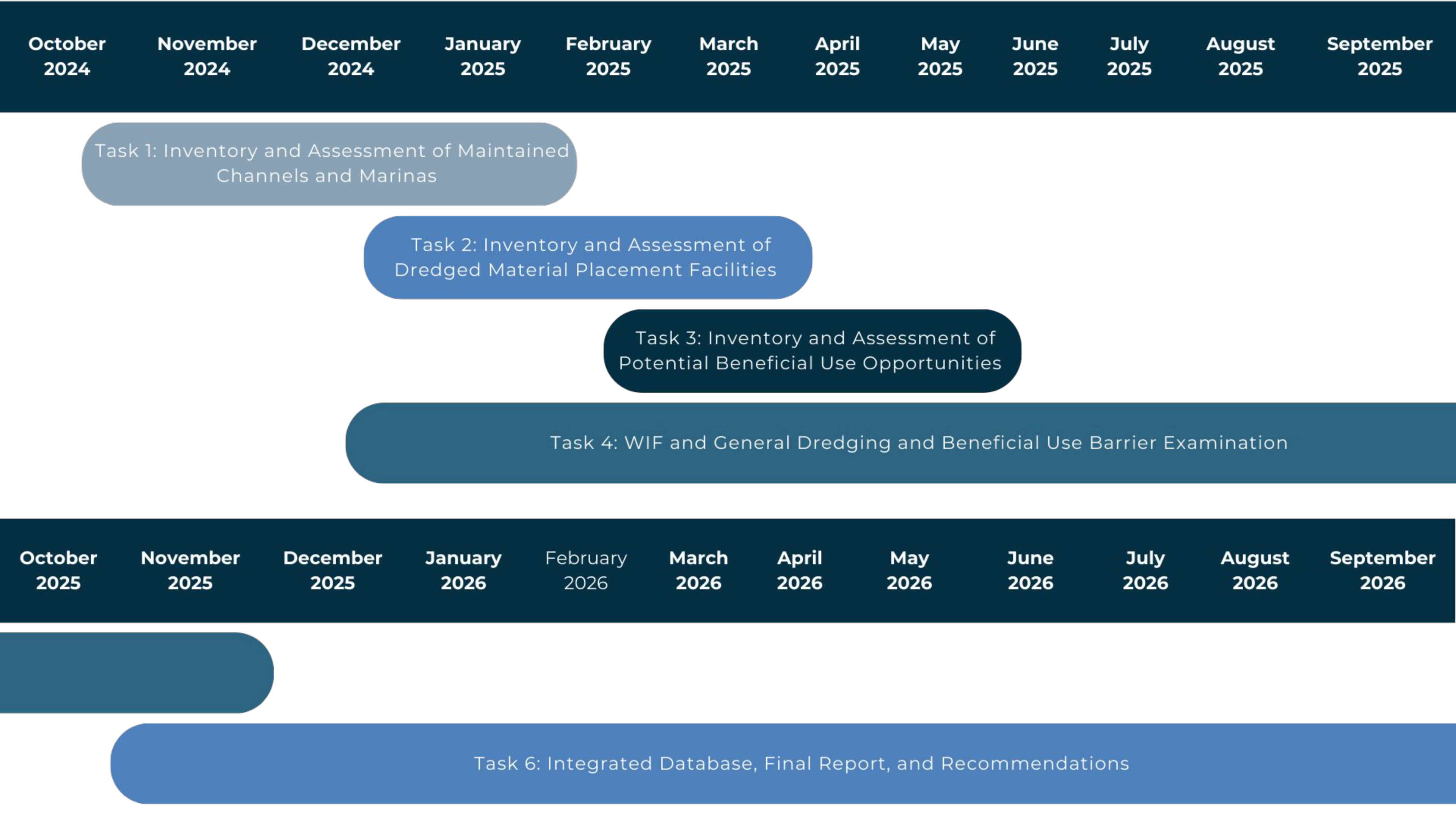
Opportunities for Growth in Beneficial Use

- Increased Dredging Demand
- Funding Pathways
- Climate Resilience



Shallow-Draft Channel Dredging and Restoration Assessment





The Path Forward for Beneficial Use in Maryland



Final Thoughts



A scenic view of a sandy beach with dunes, a small boat, and a body of water. The beach is wide and sandy, with some sparse vegetation. A small boat is on the water to the left. In the background, there are trees and a clear sky.

Thank you!

Maggie Cavey

Maggie.cavey1@maryland.gov