



PLENARY SESSION: HURDLES TO THE BENEFICIAL USE (BU) OF DREDGED MATERIAL

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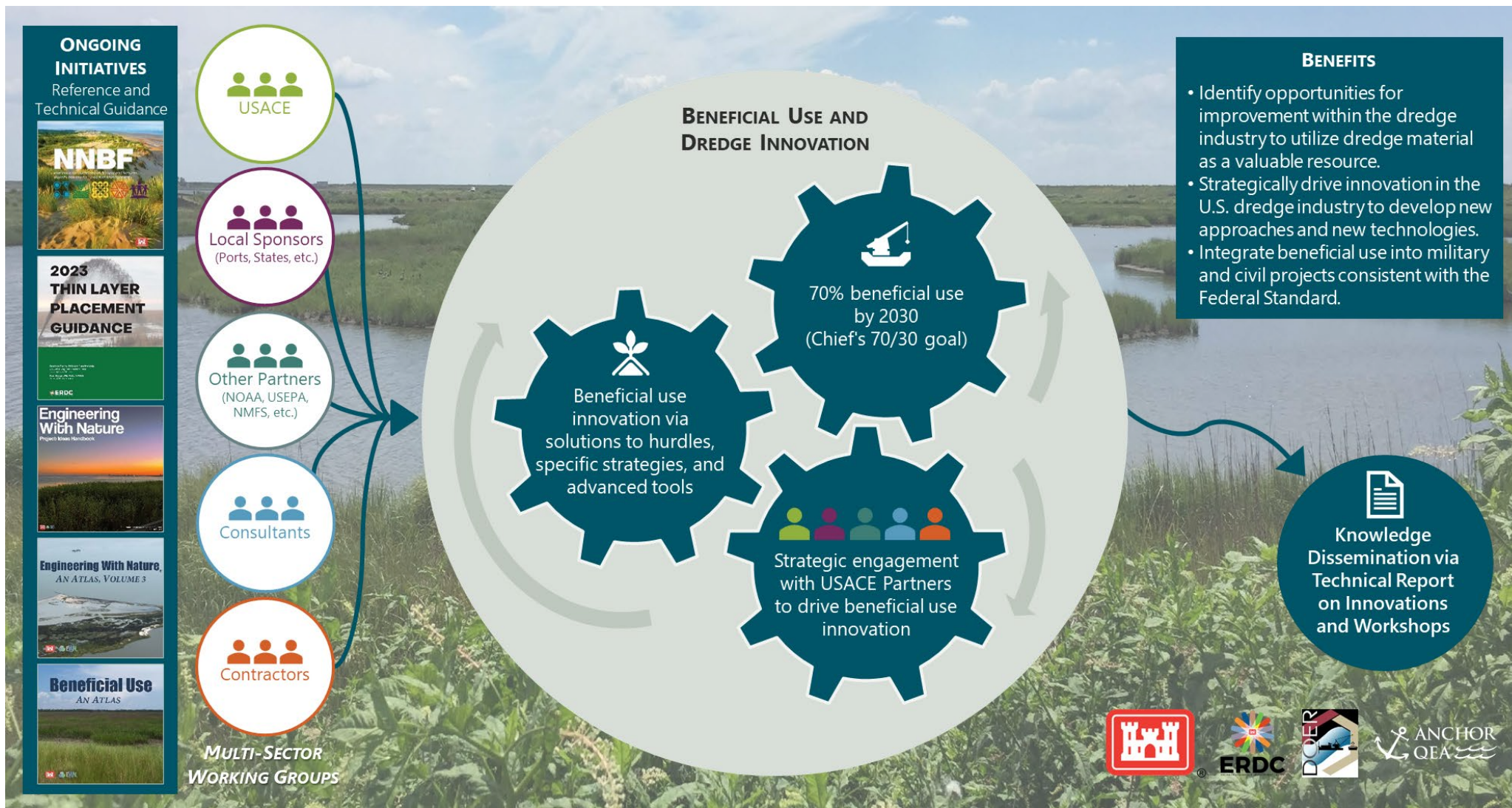
US Army Corps
of Engineers

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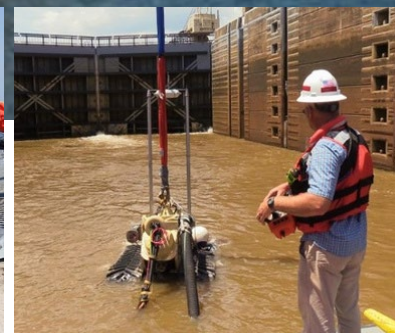
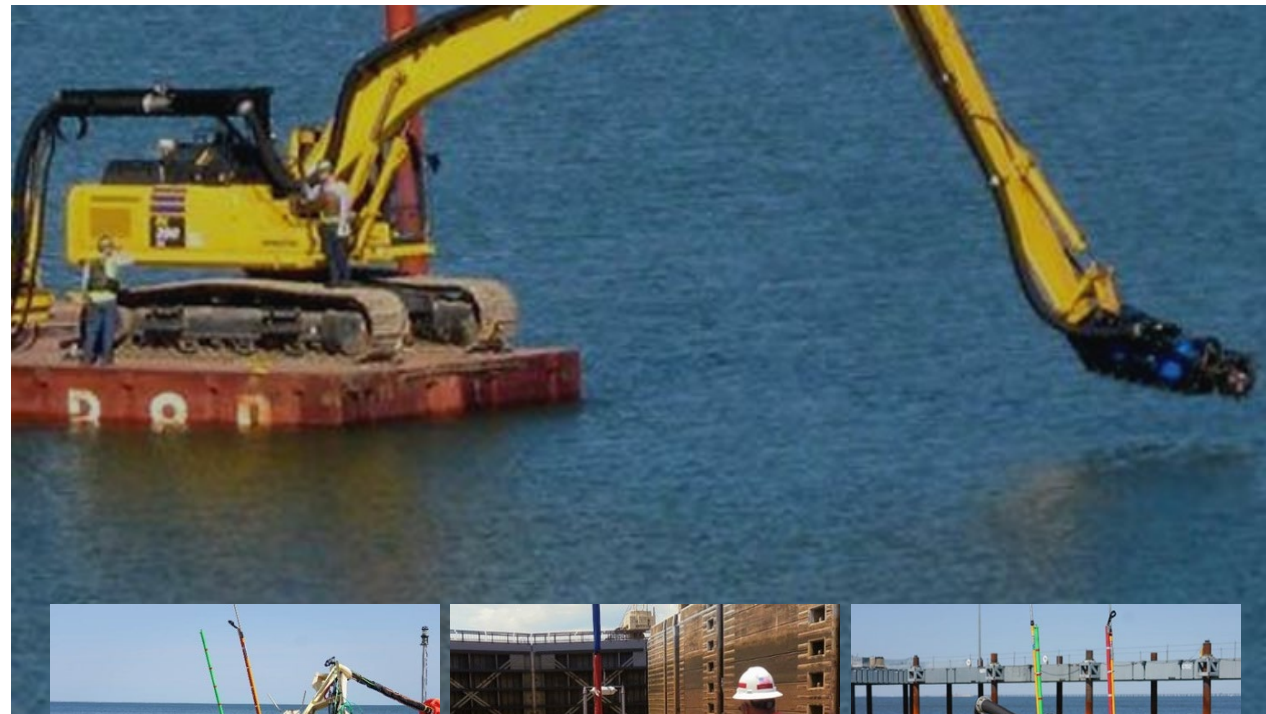
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USACE Strategic BU and Dredge Technology Innovation



BU Innovation for Dredged Material

- Increase BU to 70% by 2030
 - Identify barriers to BU
 - Develop solutions
 - Provide “roadmap to success”
- Identified Barriers
 - Lack of communications
 - Risk concerns
 - Regulatory process
 - Need for better technology
- Path Forward
 - Develop technical guidance
 - Provide BU Toolkit
 - ▶ BMPs, flowcharts, factsheets
 - For USACE staff to implement BU
- Impact
 - More streamlined permitting
 - Use of DM as a resource
 - Build resilience via sustainable DM use



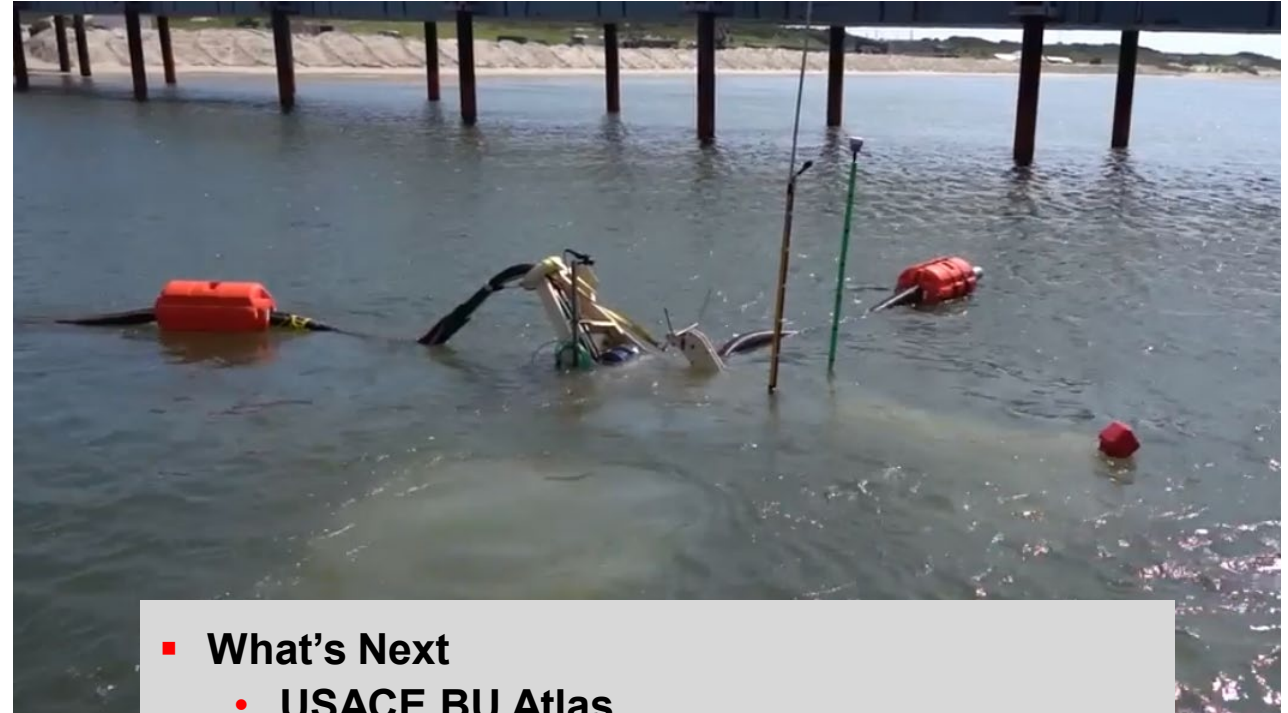
BU Innovation for Dredged Material

■ Process

- Identify and address key barriers to BU
- Identify key contributors
- Summarize best practices and lessons learned
- Foster strong partnerships
- Collaborate on enterprise-wide implementation

■ Benefits

- Enterprise-wide use of DM as a resource
- Nature-based sustainable use of dredged material
- Stronger partner collaborations
- Improved relationships with permitting agencies
- Cost-effective solutions



■ What's Next

- USACE BU Atlas
- BU Hurdles Technical Note
- Solutions to BU Technical Report
- BU Permitting Flowchart
- Innovations in Technology Technical Note

Questions for the Panel

- What is our current practice of BU and future opportunities?
- What are the barriers to BU?
 - USACE perspective
 - Industry perspective
- How do we overcome these hurdles?
 - What are the solutions?



Our Panel

- **Facilitators**
 - Dr. Jeff King (ERDC) and Dr. Ram Mohan (Anchor QEA/Texas A&M University)
- **Panelists**
 - Dr. Todd Bridges (University of Georgia)
 - Dylan Davis (USACE Headquarters/SAD)
 - Bill Hanson (Great Lakes Dredge & Dock Company)

Ground Rules

1. Constructive Feedback (Focused on Solutions)
2. Think Innovative
3. Be Respectful