

PROBLEM

- Less than 30% of dredged material (DM) is beneficially used
- Main barriers
 - Lack of communication
 - Risk concerns
 - Regulatory process
 - Beneficial use (BU) implementation technology

SOLUTION

- Develop technical guidance for BU
 - Develop solutions to overcome barriers
 - Provide “roadmap to success”
- Develop BU Toolkit
 - Best management practices (BMPs), flowcharts, and factsheets for USACE staff to implement BU

IMPACT

- Increase beneficial use (BU) to 70% by 2030
- Build resilience via sustainable DM use
- Strong USACE-Stakeholder partnerships
- More streamlined regulatory structure

BENEFICIAL USE INNOVATION FOR DREDGED MATERIAL



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WHAT'S NEXT

- BU Hurdles Technical Note
- Series of BU White Papers
- Solutions to BU Technical Reports
- USACE BU Atlas
- BU Permitting Flowchart
- Innovations in Technology Technical Note

APPLICATIONS

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

STATUS

- BU barriers White Paper – Q3 FY23
- Industry/Stakeholder Workshops – Q4 FY23
- BU Innovations/Technology Report – FY24
- USACE BU Atlas – FY25
- District-specific training programs – FY 25

BENEFITS

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