

Integrated Water Resources Management: Infrastructure Needs and Streamlining Regulatory Requirements

Presentation to:

Western Governors' Association
Western States Water Council
Arizona Department of Water Resources

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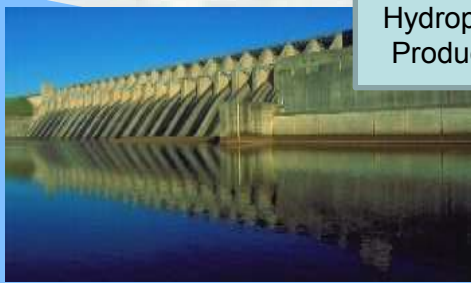
US Army Corps of Engineers
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Who We Are – What We Do

Shallow Draft Harbors



Hydropower Production



Deep Draft Harbors



Inland Waterways



Recreation Areas



Emergency Response



Coastal Structures



Public Lands



Levees



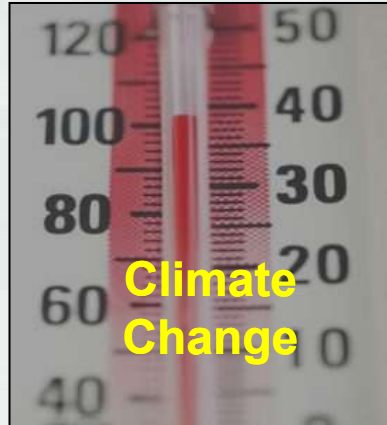
Regulatory Responsibilities



Dredging



National Water Resource Challenges



Add “*Rivers*” to Infrastructure Discussion



Roads



Railways



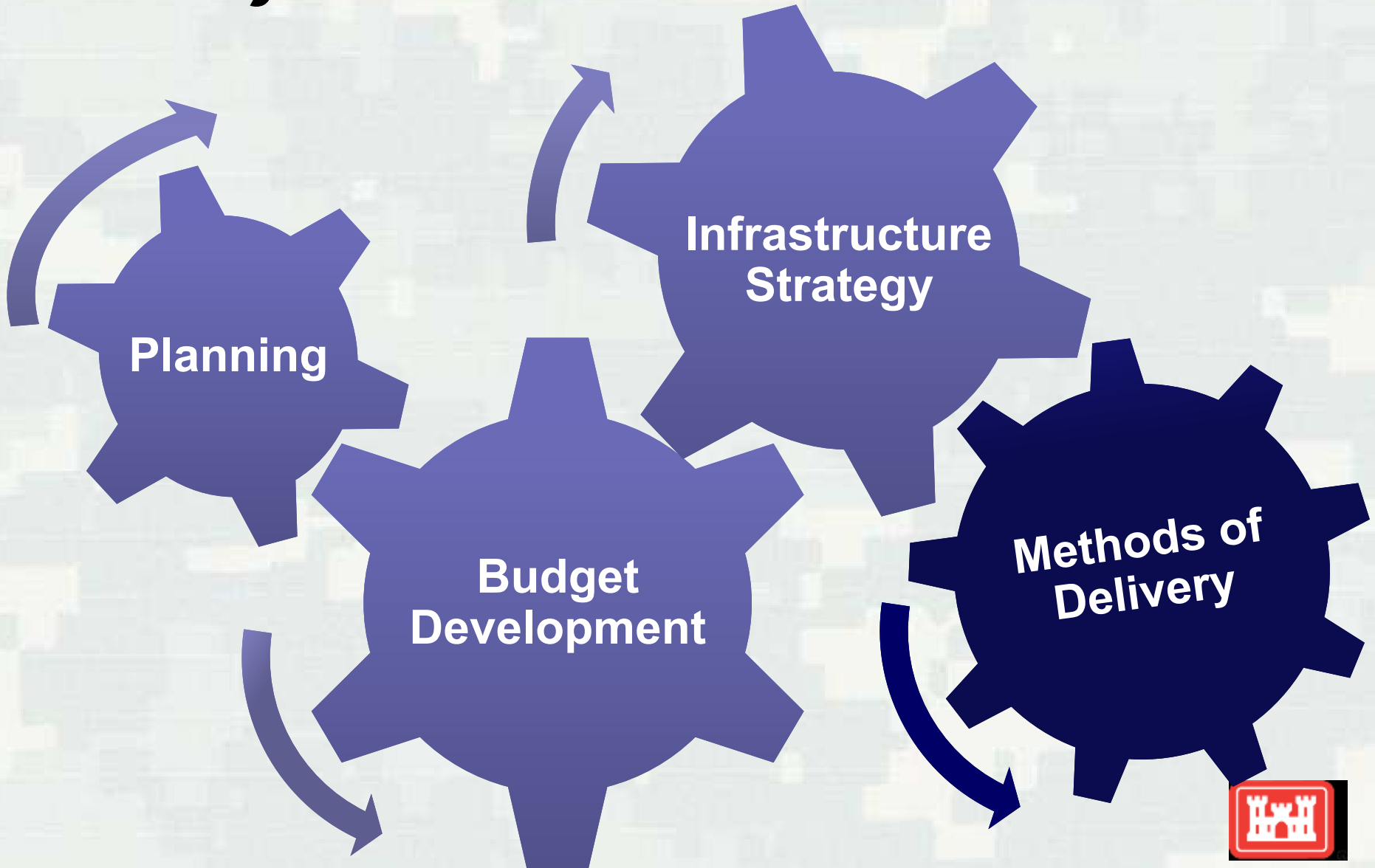
Runways



Rivers

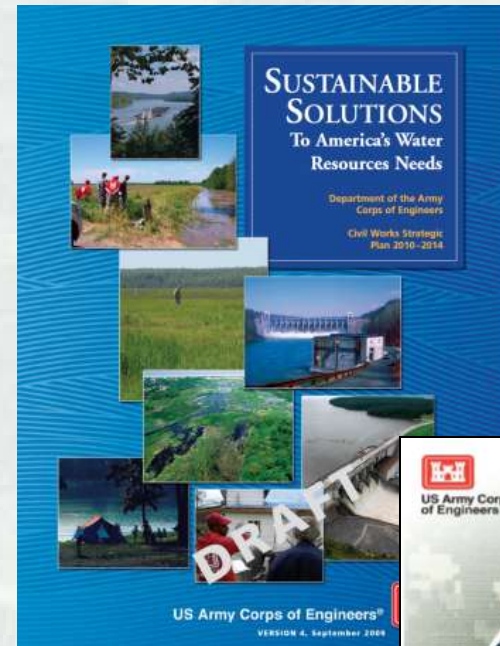


Major Transformation Initiatives



Shaping Strategic Direction

- Integrated Water Resource Management
- Systems-Based Approach
- Risk-Informed Decision Making & Communication
- Collaboration & Partnering
- Asset Management/Recapitalization
- State-of-the Art Technology



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Planning Modernization: Top Four Performance Priorities

- Improve planning project delivery
- Develop sustainable national & regional planning
- Improve planner knowledge and experience (build the bench)
- Modernize planning guidance and processes



Budget Transformation

- Goal-oriented approach to budgeting
- Alignment and integration of programs
- Make Civil Works Strategic Direction part of the institution
- Develop a budget that identifies relevant, important and smart decisions
- Improve justification of budget allocations



Result: Improved financial options equals
better system



Infrastructure Strategy

- **Infrastructure Comprehensive Strategy:** An integrated approach
 - ✓ **Asset Management:** Comprehensive approach
 - ✓ **Life cycle system:** Assess and manage projects well, make funding priorities, sound decision making
 - ✓ **Alternative financing:** Look at all financing options
 - ✓ **CW decision making:** Develop a holistic approach
 - ✓ **Strategic communication:** A robust strategy to increase national attention about water infrastructure

Result: A reliable and sustainable infrastructure!



Regulatory Vision

Objective: Implement streamlined and transparent regulatory processes to sustain aquatic resources

Strategies :

- Increase watershed tools, science and technology and web-based efforts
- Reduce infrastructure project permit decision times

Outcomes:

- Improved decision-making with enhanced transparency
- Increased collaboration and information sharing with partners
- Development and implementation of new decision-making tools

Result:

- A fair and transparent Regulatory program to respond to 21st Century challenges
- Effective program promoting collaboration with Federal, tribal, state and local partners



Hitting the Mark

Increased consistency, effectiveness & efficiency in decision-making

- Improve consistency in documentation
- Expand Cumulative Effects Analysis Tool
- Continue development of Hydrogeomorphic Methodology (HGM)

Enhanced program transparency

- Update websites with pending and final action information for individual permits final approved JDs
- Ensure AVATARS, video library, application form are accessible and transparent for all users
- Smartphone application development and deployment nationally



Focus on Efficiency

- **Two Primary Executive Orders**
 - ▶ EO 13604 “**Infrastructure Dashboard**” Improving Performance of Federal Permitting and Review of Infrastructure Projects
 - ▶ EO 13563 Improving Regulation and Regulatory Review



Infrastructure “Dashboard”

- USACE is a Member Agency
- Several projects tracked on “Dashboard:”
 - ▶ Charleston Harbor
 - ▶ Jacksonville Harbor
 - ▶ Miami Harbor
 - ▶ New York New Jersey Harbor
 - ▶ Savannah Harbor Expansion Project



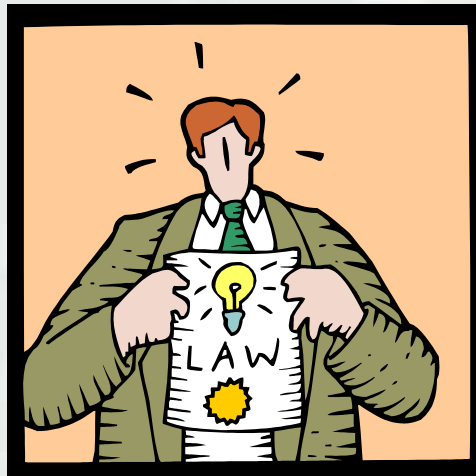
Benefits to the Public

- **Rebuilding and modernizing America's infrastructure:**
 - ▶ Creates jobs
 - ▶ Develops safe, reliable, and resilient ports and waterways, roads, bridges & railways
 - ▶ Imperative to Nation's competitive edge in a global economy



Regulatory Reform

- Executive Order 13563 requires agencies to:
 - Examine rules that may be ineffective, or excessively burdensome, and
 - Modify, streamline, expand or repeal as necessary



Working with you in partnership

- Leverage Efforts
- Emphasize Value to Nation
- Find consensus for Major Initiatives
- Be mutually supportive
- Involve & Engage Partners
- Educate Decision-Makers



Thank You!



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