

Watershed-informed Budgeting Updates

Webinar for the Planning Community of Practice

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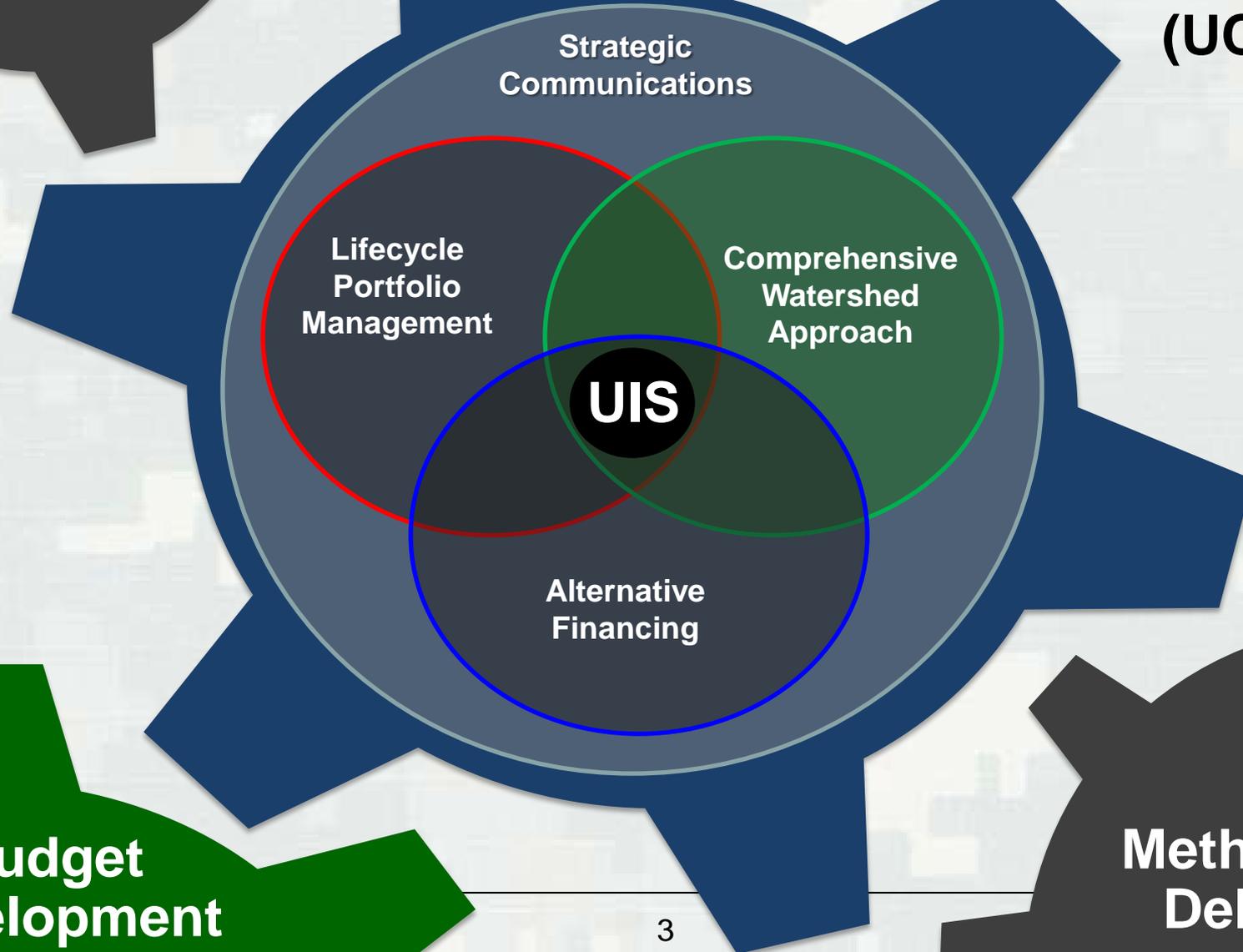


US Army Corps of Engineers
**PLANNING SMART
BUILDING STRONG**



**Planning
Modernization**

Disciplined Thought and Action: Civil Works Transformation USACE Infrastructure Strategy (UCP 2d1)



**Climate
Change
(CP 2d2)**

**Budget
Development**

**Methods of
Delivery**

USACE Campaign Plan

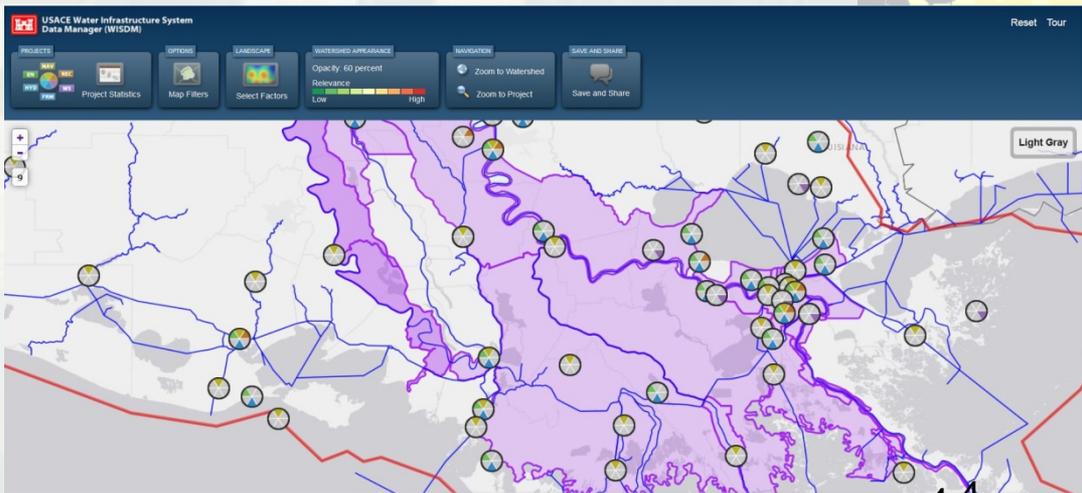
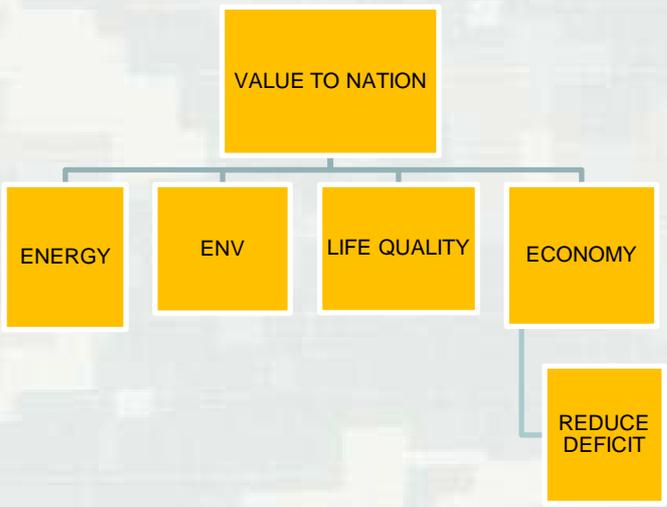
Priority Action 2d1.2

Comprehensive Watershed Planning

Current State – Problem/Opportunity

- Civil Works Transformation
- Resilient and sustainable Infrastructure Systems that provide reliable performance and consistent levels of service

Objective: Continue to mature evaluation of Corps infrastructure, both existing and new projects, across watersheds and systems, incorporating other projects (federal and non-federal), concentrating on federal benefits, as well as maximizing watershed priority needs for both.



Watershed Informed Budgeting



A. Identifies opportunities to create or strengthen partnerships with key stakeholders.

B. Identifies how USACE and non-USACE infrastructure depend on each other in the same system.

C. Identifies which projects provide the greatest value to the nation.

Investments are integrated into a whole that preserves or enhances performance and sustainability.

What Is Watershed Budgeting?

- Watershed Project's TOTAL VALUE > Sum of Individual Projects
- ID projects with highest VALUE TO THE NATION
- ***Achievable goal due to performance SYNERGIES of STRATEGIC investments at watershed scale***

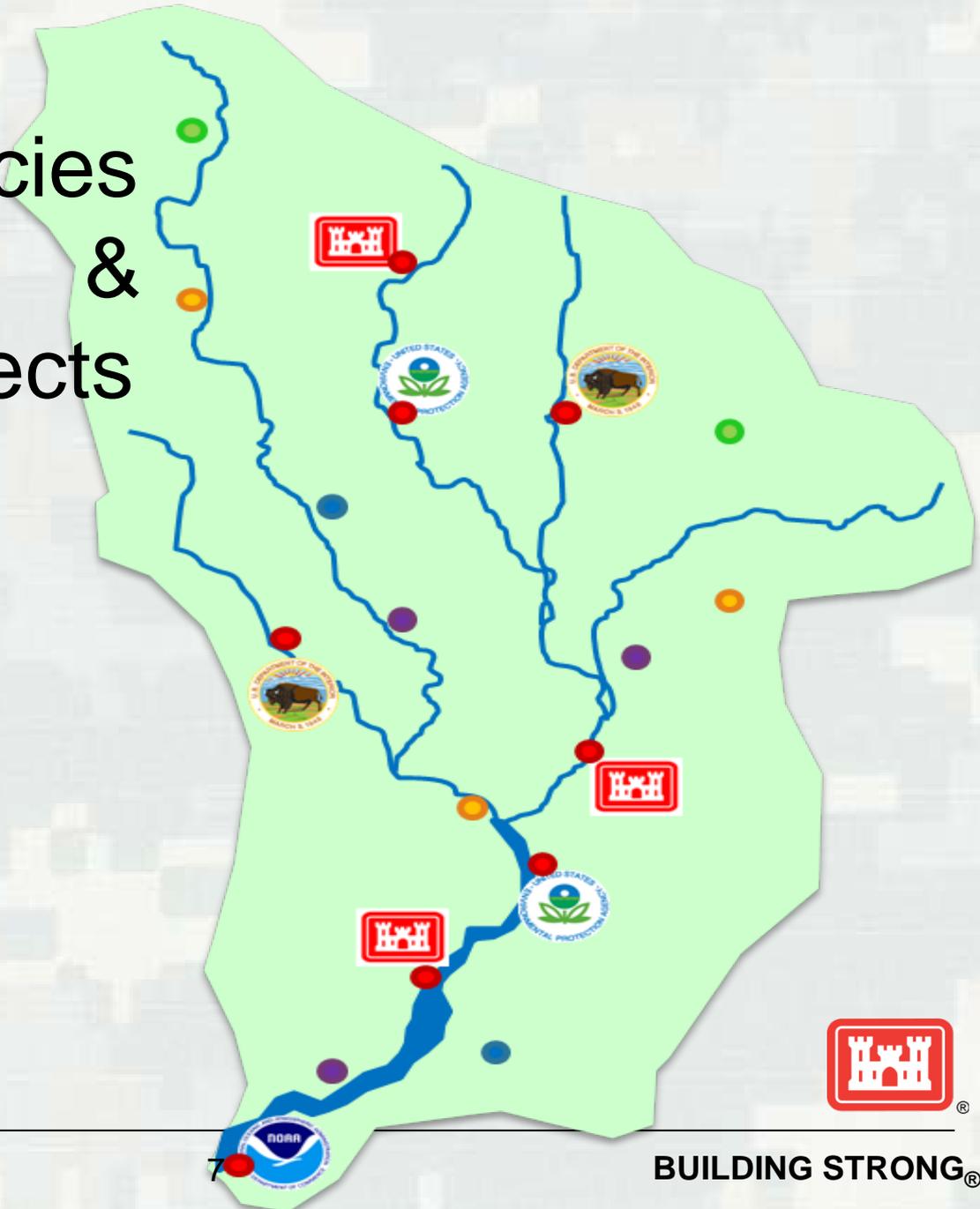


INTEGRATED PROJECTS = Optimum Watershed Function

SEPARATE PROJECTS = Reduced Watershed Function



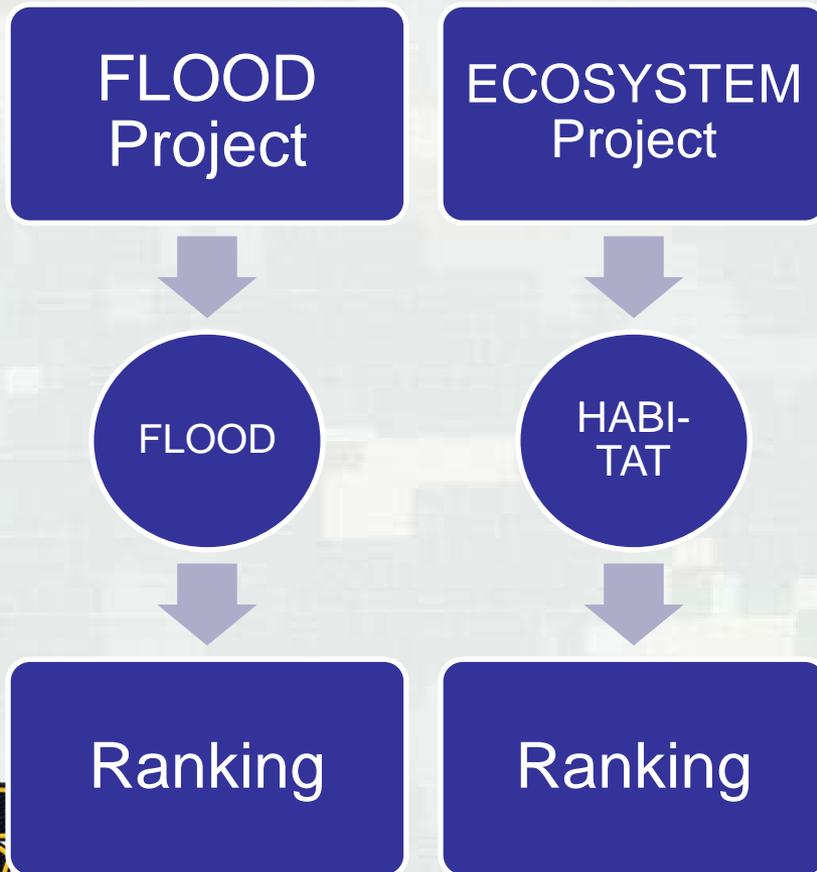
Inter- dependencies Between Corps & Non-Corps Projects



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OLD vs NEW Budgeting Process

Current Ranking Process



Watershed Budgeting Ranking Process



Proposed Revisions to National Objectives

1. Continue to support the economy by reducing the Deficit^{3,4}, creating Jobs^{3,4,6}, and maintaining Global Competitiveness^{3,4,5} through water resources activities
 - ▶ Reduce the deficit (return to treasury and money saved)
 - ▶ Create jobs (Regional Economic Systems Model)
 - ▶ Maintain global competitiveness (GDP and NED benefit)
 - ▶ Increase renewable energy
2. Develop, Restore, and Protect the Nation's waters, wetlands, and related natural resources^{1,2,3,4,6,7,8,9,10}
 - ▶ Restore and protect natural resources
 - ▶ Reduce greenhouse gases
3. Improve Quality of Life^{5,3,6} by reducing vulnerabilities to flood and drought extreme events^{1,3,4,7,9,10} and supporting recreational activities
 - ▶ Reduce vulnerabilities to flood and drought extreme events
 - ▶ Support recreational activities
 - ▶ Provide opportunity for Direct Jobs

¹FY2013 CW Press Book Preface

²Executive Order 13514 - Federal Leadership in Environmental, Energy, and Economic Performance

³2010 National Security Strategy

⁴President's 2012 State of the Union Address

⁵FY2012 CW Press Book Preface

⁶FY2012 President's Budget. CW Agency Preface

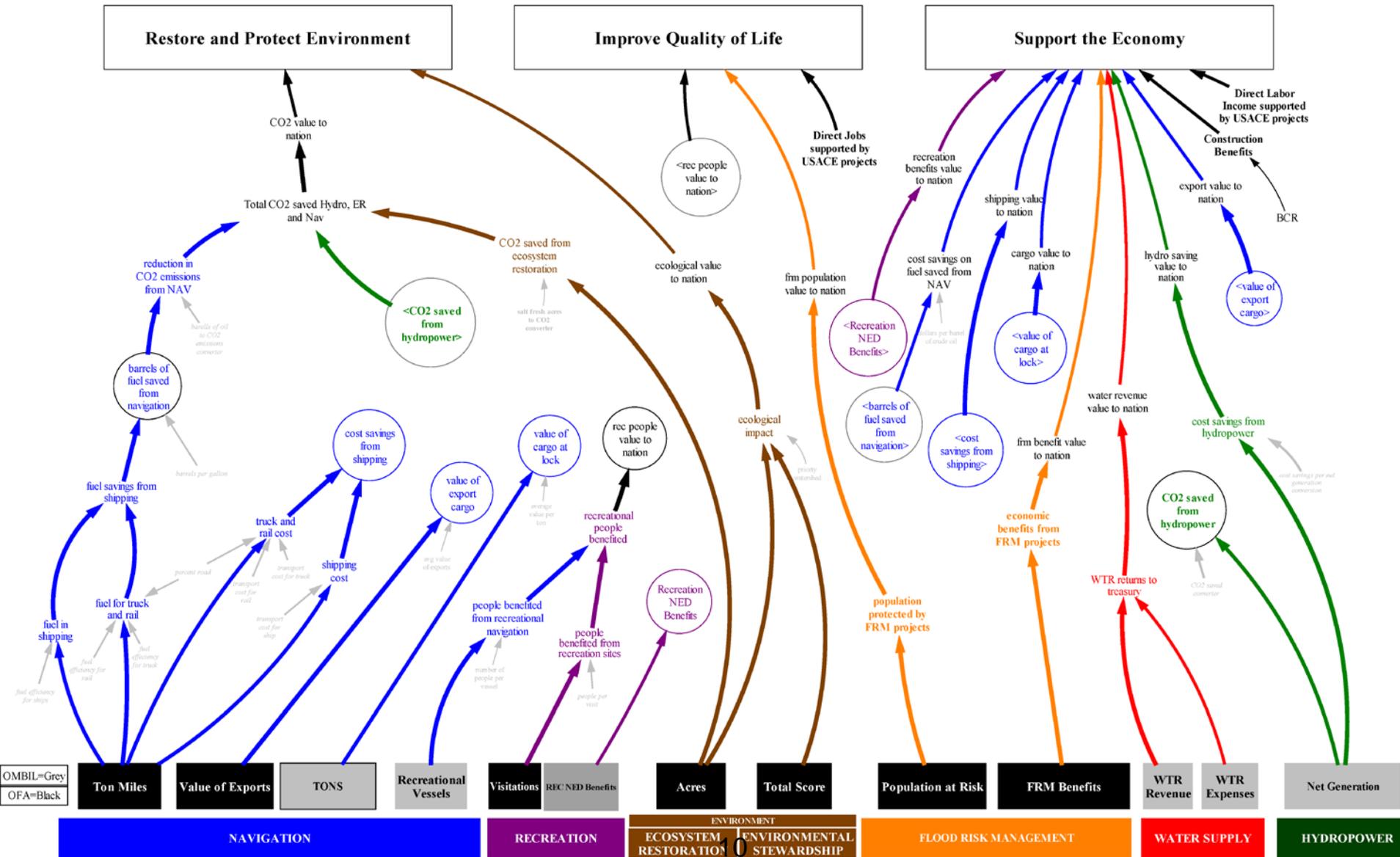
⁷FY2013 President's Budget, CW Agency Preface

⁸FY2011-2015 CW Strategic Plan

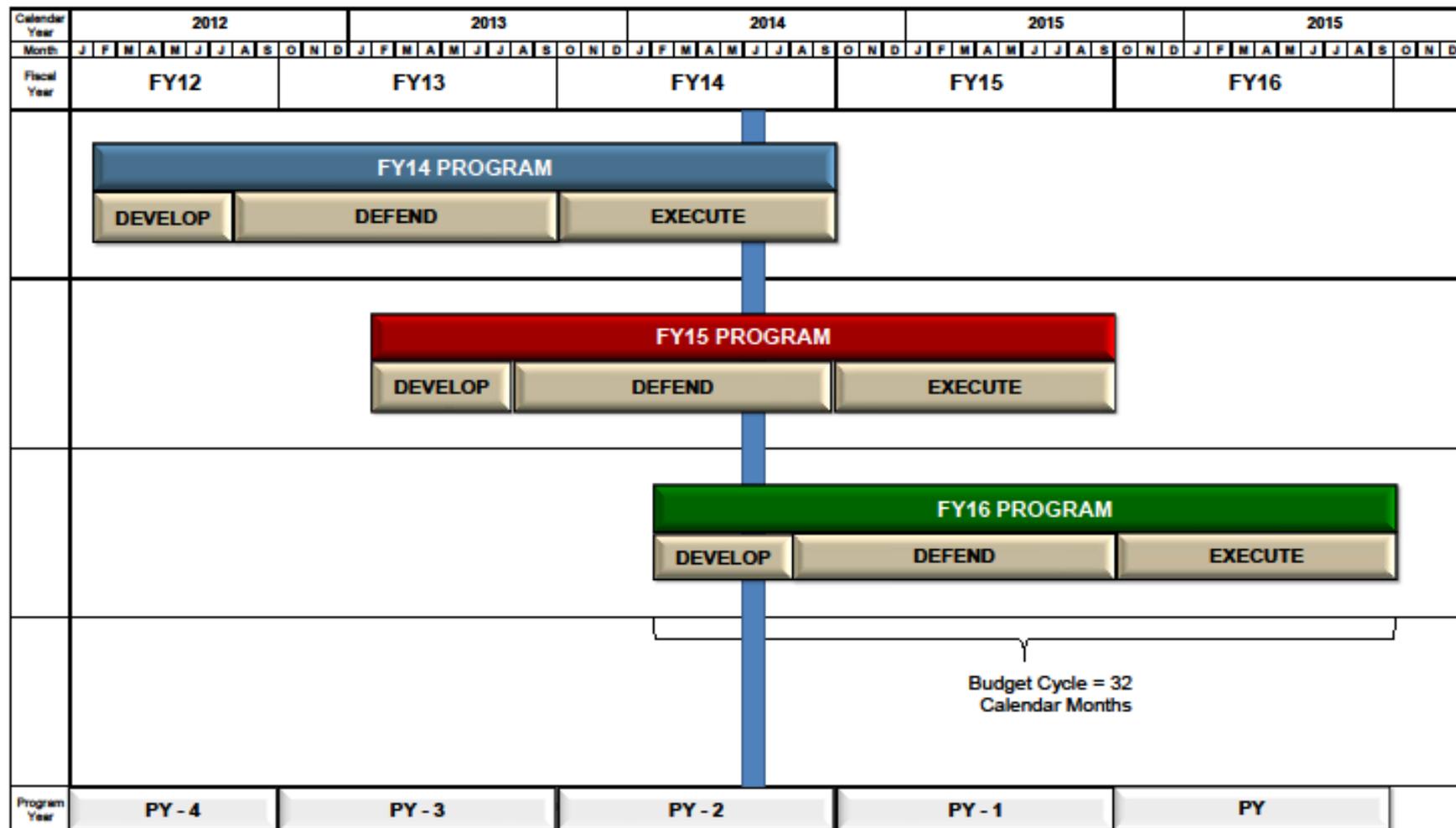
⁹A 21st Century Strategy for America's Great Outdoors, White House Memorandum dated April 16, 2010



Value to Nation with Revised National Objectives



CW Program/Budget Timeline



PY = CFY + 2

Now

FY16 Budget Development



OMB-ASA GUIDANCE
(Jan-Feb)



MSCs Develop Program
(Apr - Jun)

We Are Here



Action



Action



Budget Reviewed & Presented to Chief & ASA(CW)
(Jul - Aug)



Budget Submitted to OMB
(Sep)



OMB Review & Passback
(Sep, Oct, Nov)



Info



Cong. Hearings
(Mar - May)



President's Final Budget to Congress
First Monday in Feb



Action

Appropriations Bills
(Jul - Sep)



President Signs Approp. Bill
(Oct - ???)



Funding Alloc. To Field Offices
(Oct - Dec)



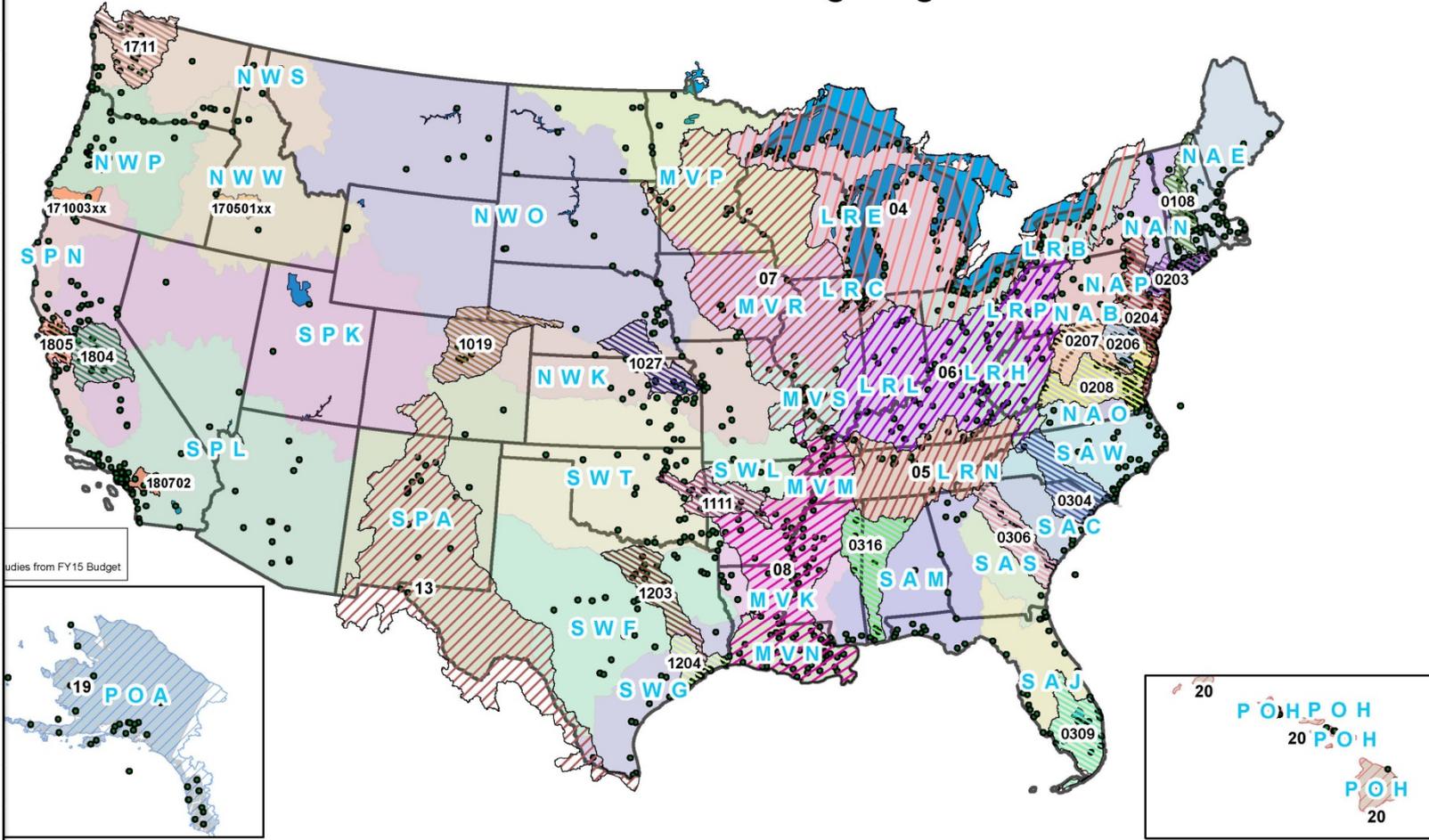
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Watershed-informed Budgeting Timeline

	FY15 Budget	FY16 Budget	FY17 Budget
Overview	<ul style="list-style-type: none"> • Two watershed pilots per MSC 	<ul style="list-style-type: none"> • Watershed pilots for majority of Corps portfolio 	<ul style="list-style-type: none"> • Implement watershed budget for Corps portfolio
Purpose	<ul style="list-style-type: none"> • Districts/MSD work through SPD method. • Compare and contrast results across watersheds. • Evaluate options for normalizing scores. 	<ul style="list-style-type: none"> • Focus on two types of watershed pilots: (1) larger-scale watersheds; and (2) smaller-scale watersheds in all districts • Evaluate VTN across watersheds for all Corps projects • Compare VTN methodologies for measurable results linked to national objectives. • Focus effort to quantify Value to the Nation. • Evaluate total cost of new process. 	<ul style="list-style-type: none"> • Prioritize project funds based on VTN with national priorities and objectives. • Identify potential tradeoffs for national priorities across watersheds in all Corps Districts.
Outcome	<ul style="list-style-type: none"> • Report on outcomes, lessons learned, & recommendations for FY16 Budget. 	<ul style="list-style-type: none"> • Report on process outcomes compared to performance-based methods for improvements towards full implementation in FY17 Budget. • Decide whether or not to go with full implementation in FY17. 	<ul style="list-style-type: none"> • Final budget submission to OMB

FY16 Watershed Pilots

Pilot Watersheds for Watershed-Based Budgeting Exercise - 3/17/14



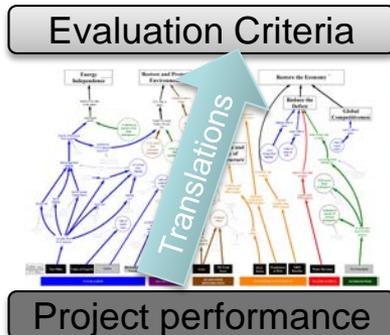
- Great Lakes Region
- Ohio Region w/o Cumberland
- Tennessee Region w/ Cumberland
- Lower Mississippi Region
- Upper Mississippi Region
- Chesapeake/Potomac
- Connecticut
- Lower Hudson-Long Island
- Delaware-Mid Atlantic Coastal
- Kansas
- South Platte
- Applegate, Illinois, Lower/Middle/Upper Rogue
- Puget Sound
- North/Middle/South Forks Boise, Boise-Mores/Lower Boise
- Alaska Region
- Hawaii Region
- Pee Dee
- South Florida
- Mobile-Tombigbee
- Ogeechee-Savannah
- Rio Grande Region
- San Joaquin
- Santa Ana River
- San Francisco Bay
- Trinity-Galveston Bay-San Jacinto
- Lower Arkansas

The Integrated Budget Evaluation Tool (iBET) Process

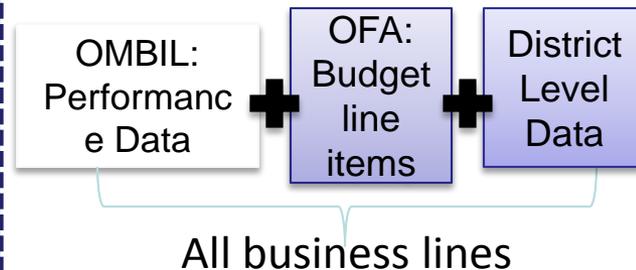
1. Identify Priorities and Objectives



2. Develop Logic Models



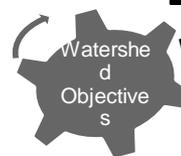
3. Collect and Verify Performance Data



8. Evaluate the Process and Revise Based on Lessons Learned



4. Identify Projects in the Watershed that Support Priorities & Objectives



7. Budget Prioritization

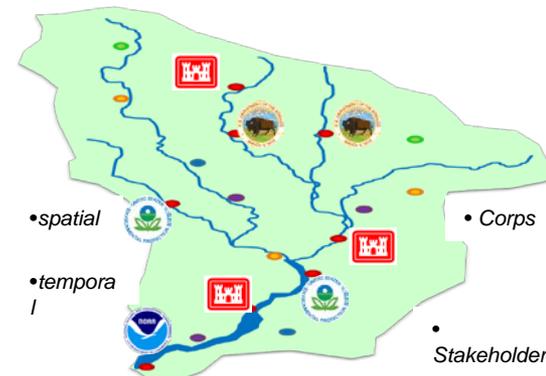
Prioritize work packages:

- *Within watersheds*
- *Across watersheds*

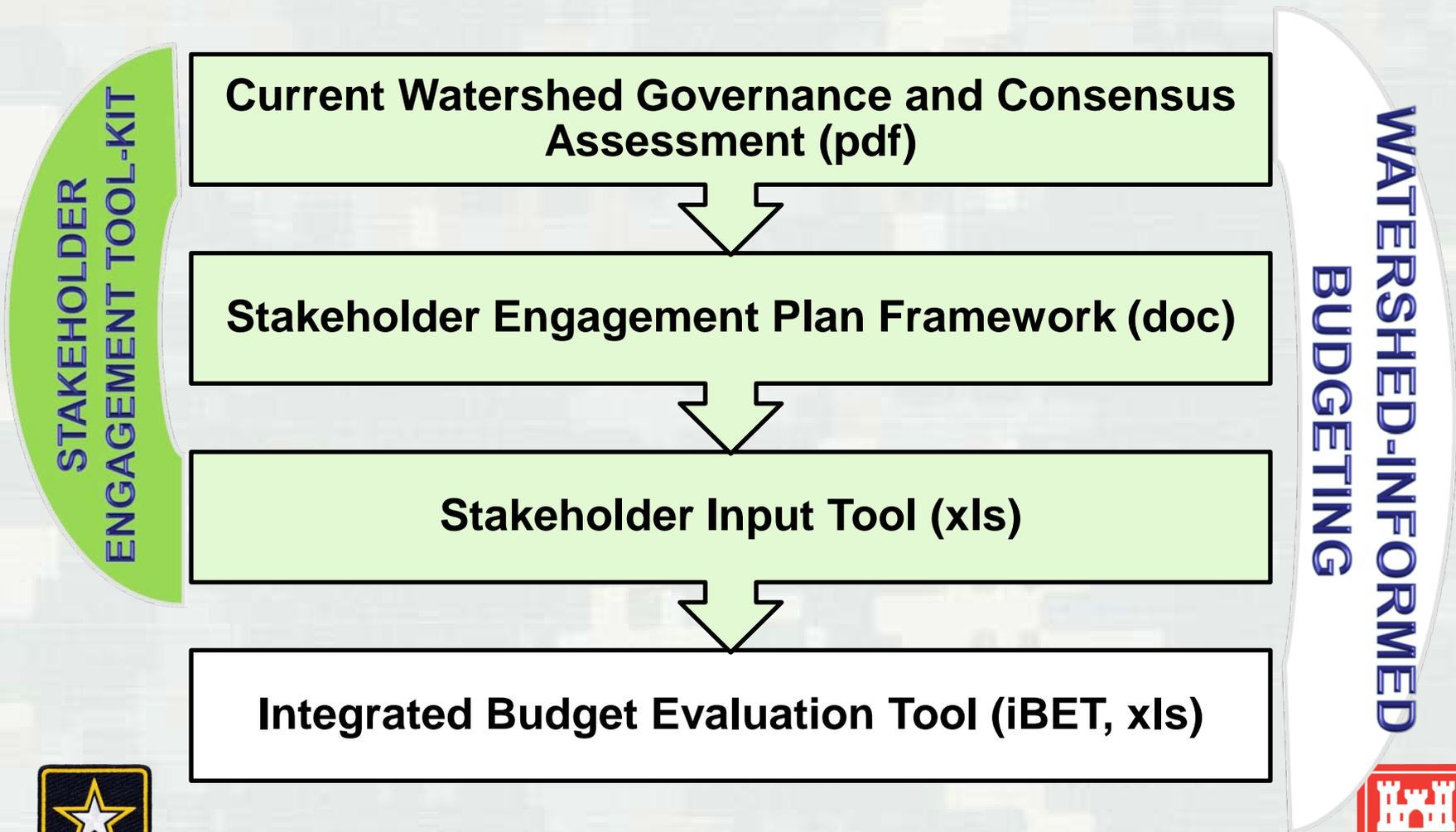
6. Evaluate Projects Based on Value to the Nation

V2N Ranking with interdependencies

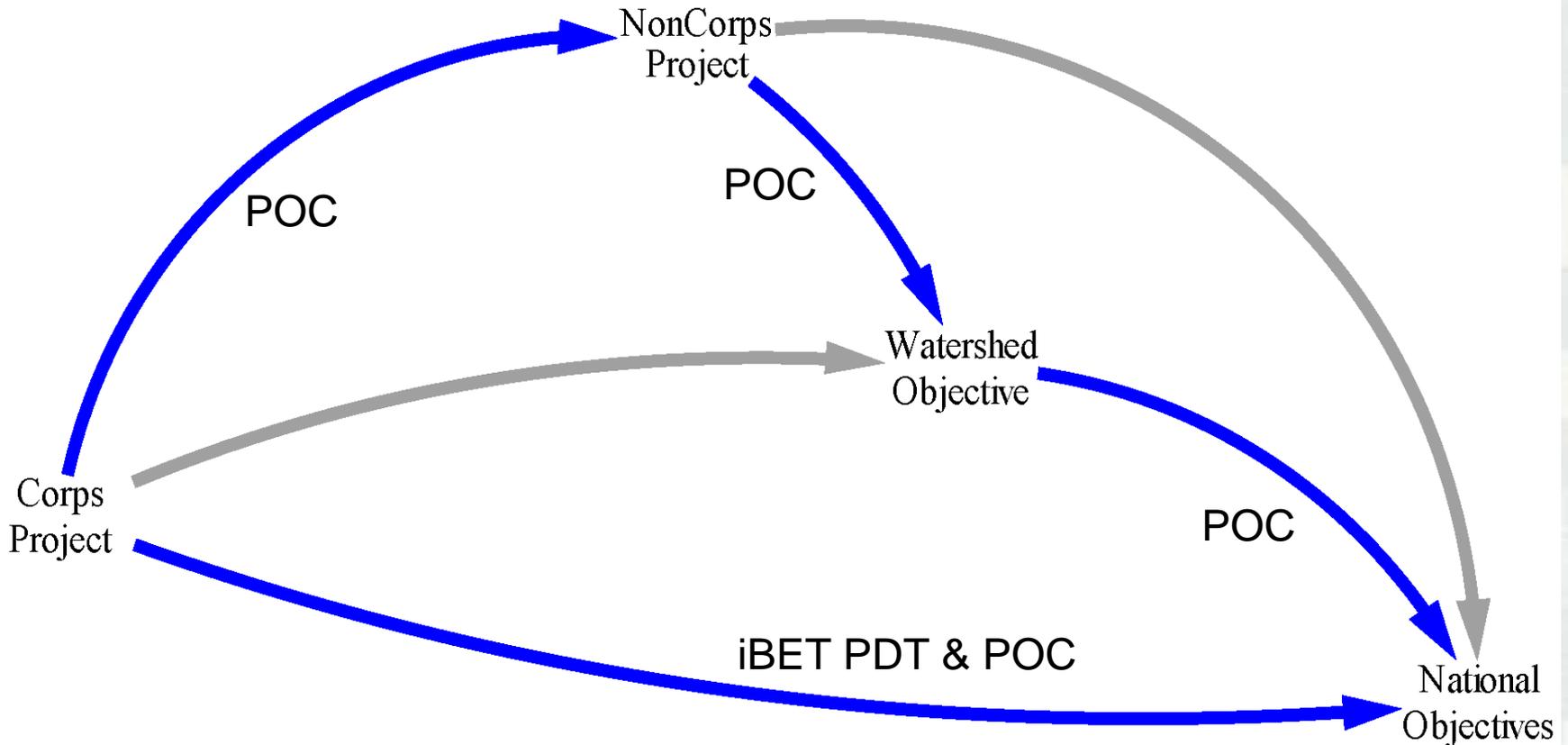
5. Define Dependencies between Projects



WiB Stakeholder Engagement



How Do I Use Stakeholder Information?



WB Timeline

Dec 2013:	IWR/HQ:	Start WB training, write WB details for EC
Jan 2014:	IWR/Field/HQ:	Selection of watersheds for WB pilots
Mar 2014:	Field/HQ:	Begin Performance Based Budget (PBB) FY16
Apr 2014:	IWR:	Load FY16 budget data into iBET
Jun 2014:	IWR/Field:	Begin WB pilot work
Sep 2014:	IWR/Field/HQ:	Brief results of WB pilots, compare with results from Fy15 pilots and PBB
Oct 2014:	IWR/HQ:	Final testing for tools, begin writing FY17 EC
Jan 2015:	HQ/Field/IWR:	Finalize FY17 EC for WB
Mar 2015:	HQ/Field:	Begin WB for all Corps projects

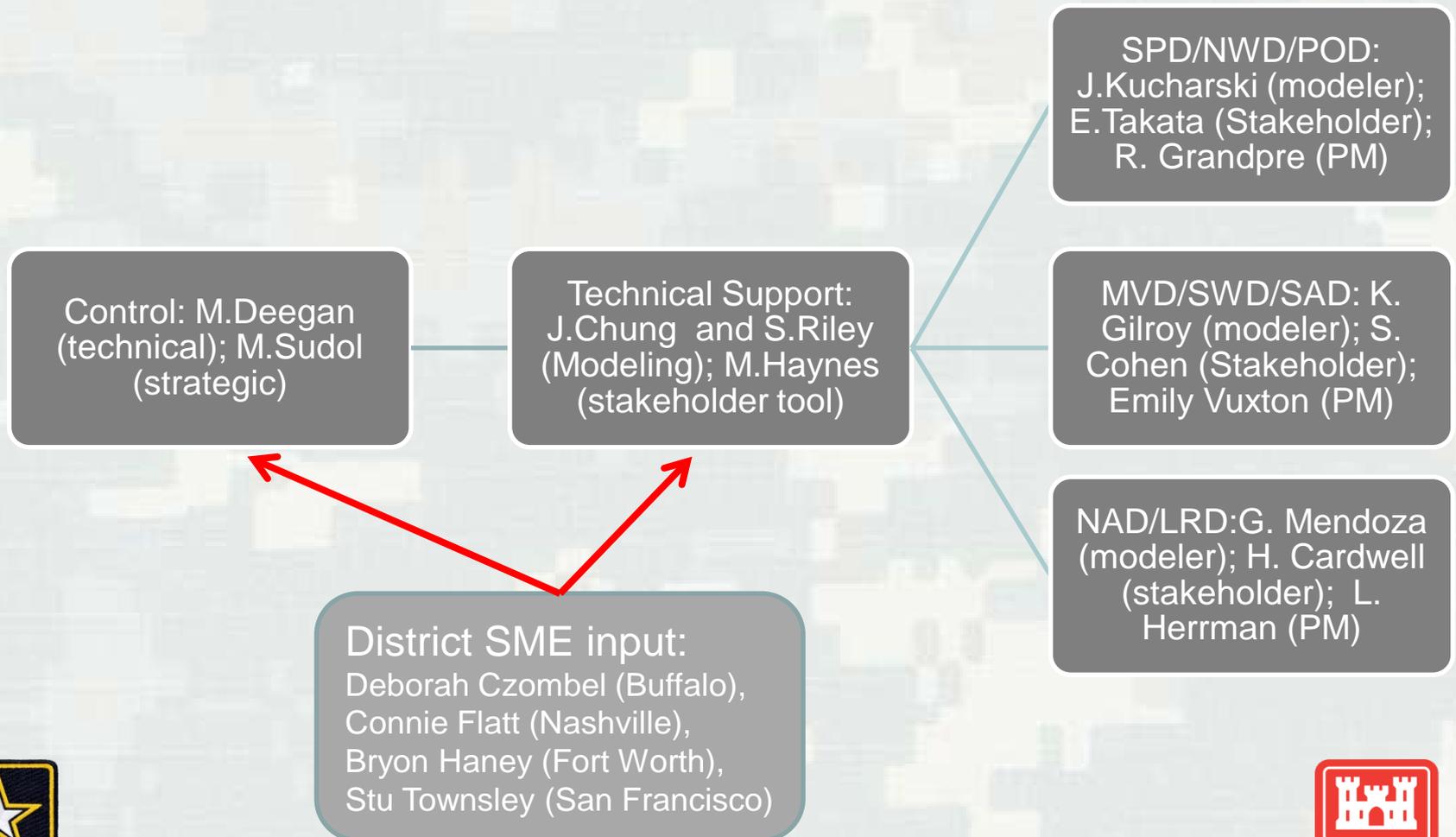


FY14 Deliverables

- Complete iBET
 - ▶ National objectives still under review
 - ▶ Adjustments from feedback from districts and business line managers
- Develop 27 watershed informed budgets across the nation
 - ▶ Each watershed pilot has PM, stakeholder lead and technical lead counterparts to IWR PM, stakeholders and technical leads.
- Train-the-trainer: Build capacity at minimum 8 Pilots for capacities to lead and train in FY15 to implement iBET and develop Watershed Informed Budget
 - ▶ One CBP pilot per division



Implementation Team



Case Study Resources

- Planners are already involved in WiB!
- Planners involved in WiB:
 - ▶ Michele Gomez, NAB – Chesapeake Bay
 - ▶ Craig Carrington, LRN – Cumberland, TN
 - ▶ Scott Whitney, MVD – Upper Mississippi River Watershed.
 - ▶ Charissa Kelly, SWD – Rio Grande Basin
 - ▶ Eileen Takata, SPL – Santa Ana River Watershed



Leveraging Planners

- 1. What can planners bring to the table?*
- 2. How have planners supported WiB?*
- 3. What are possible implications for planners in the future out of WiB?*

Possible ways planners can support WiB:

- ▶ Watershed assessment of problems, needs, vulnerabilities, goals & objectives
- ▶ Facilitation, Public Involvement/stakeholder engagement
- ▶ Existing stakeholder relationships
- ▶ Describe stakeholder-Corps project interdependencies

▶ Identify project benefits beyond NED

▶ Other?



Lessons Learned

What we're hoping to learn:

- ▶ To gain insights on how funding requirements may change in the future.
- ▶ Funding at the watershed or systems level instead of the project level may offer efficiencies and may reduce redundancies.
- ▶ It will take several budget cycles to quantify those efficiencies and savings.

Lessons learned so far:

- ▶ Revise National Objectives to explain the full contribution of our Civil Works program to the Nation in simpler, more comprehensible terms
- ▶ Leverage the effects of project-level funding commitments (federal, tribal, state, and local).
- ▶ Provide a common operating picture across the entire Civil Works program.
- ▶ Develop business processes for MSCs to uniformly document stakeholder input on project-level watershed priorities.
- ▶ Develop webinar training program to build technical capabilities for Watershed-Informed Budgeting across USACE



Questions?

Type questions in the chat box.
We will answer as many
as time allows.

For more information:
<http://www.corpsplanning.us>

