



**South Florida
Ecosystem
Restoration
Integrated Delivery
Schedule Workshop**



restoration
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Task Force Meeting

February 27, 2008

Topics

- Introduction
- Background
- Guiding Principles Discussion
- Project Matrix Discussion
- Issues and Concerns
- Next Workshop

Since the December Meeting...

- At December Task Force/WRAC meeting, agreement to engage in more intensive effort to develop Integrated Delivery Schedule
- Concept paper developed for Integrated Delivery Schedule development process
- Team developed read-ahead material for this effort

Desired Outcomes for Today

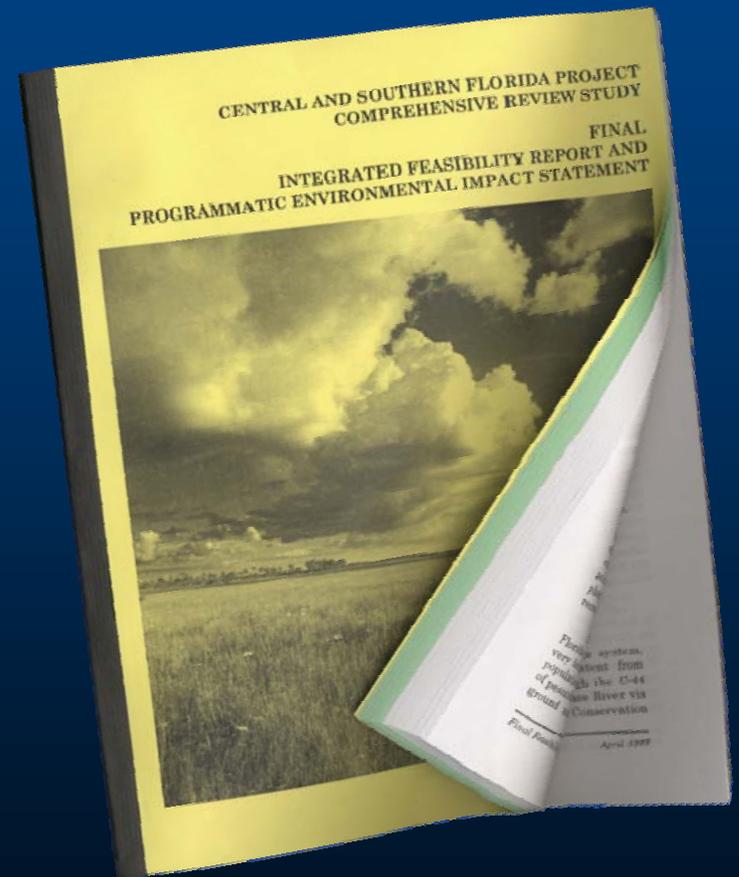
Develop:

- A common vision of what the Integrated Delivery Schedule will do
- A common set of guiding principles for Integrated Delivery Schedule development
- A time table for developing the Integrated Delivery Schedule to include a list of the major actions to be accomplished at future workshop(s)

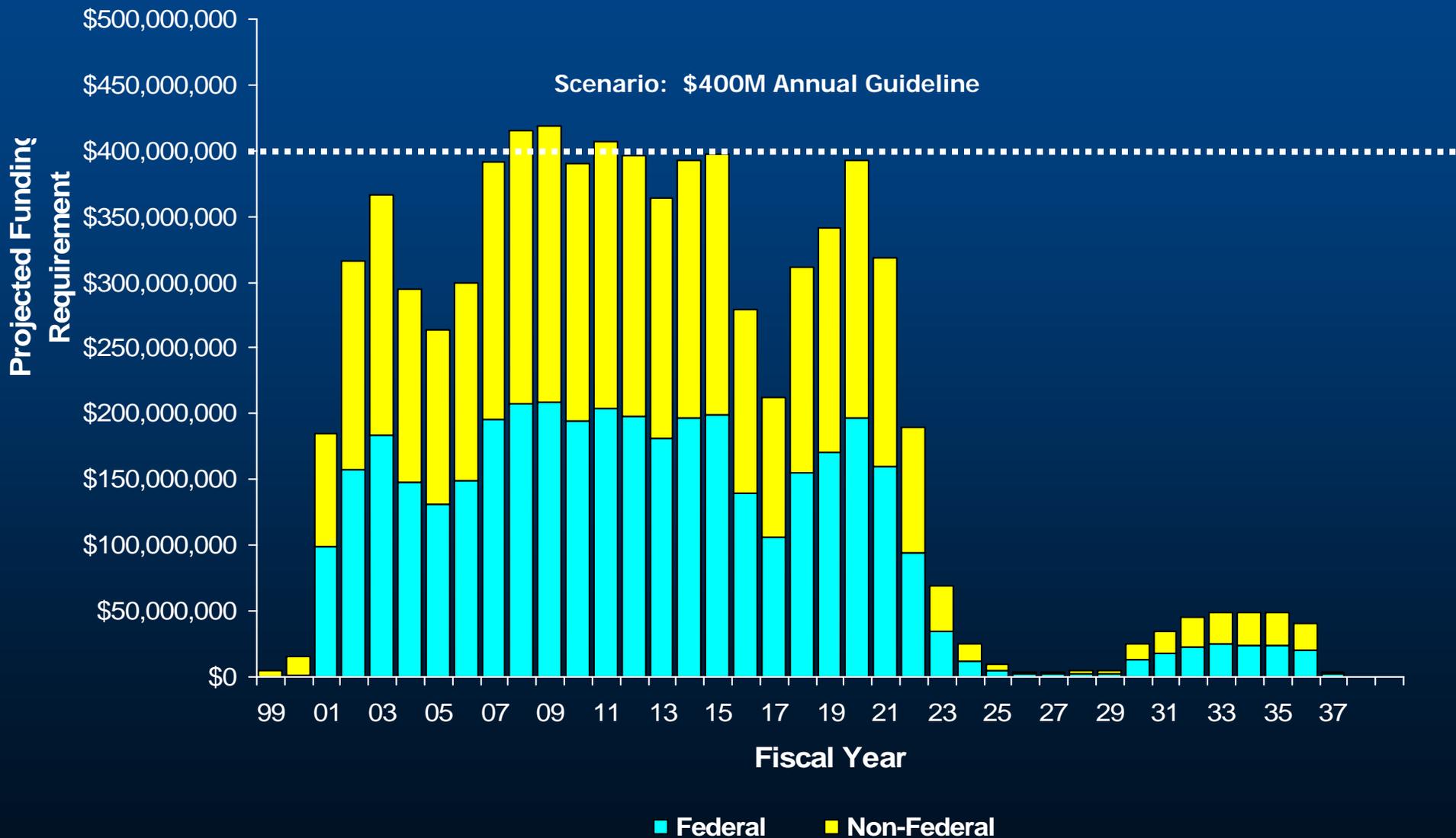
Background

1999 Yellow Book Implementation Plan

- Contained implementation plan with detailed charts showing sequencing of CERP projects
- Based on annual funding level of \$200M Federal and \$200M non-Federal
- 35+ year implementation period, with most projects completed by 2020+
- Coordinated with stakeholders prior to inclusion in Yellow Book



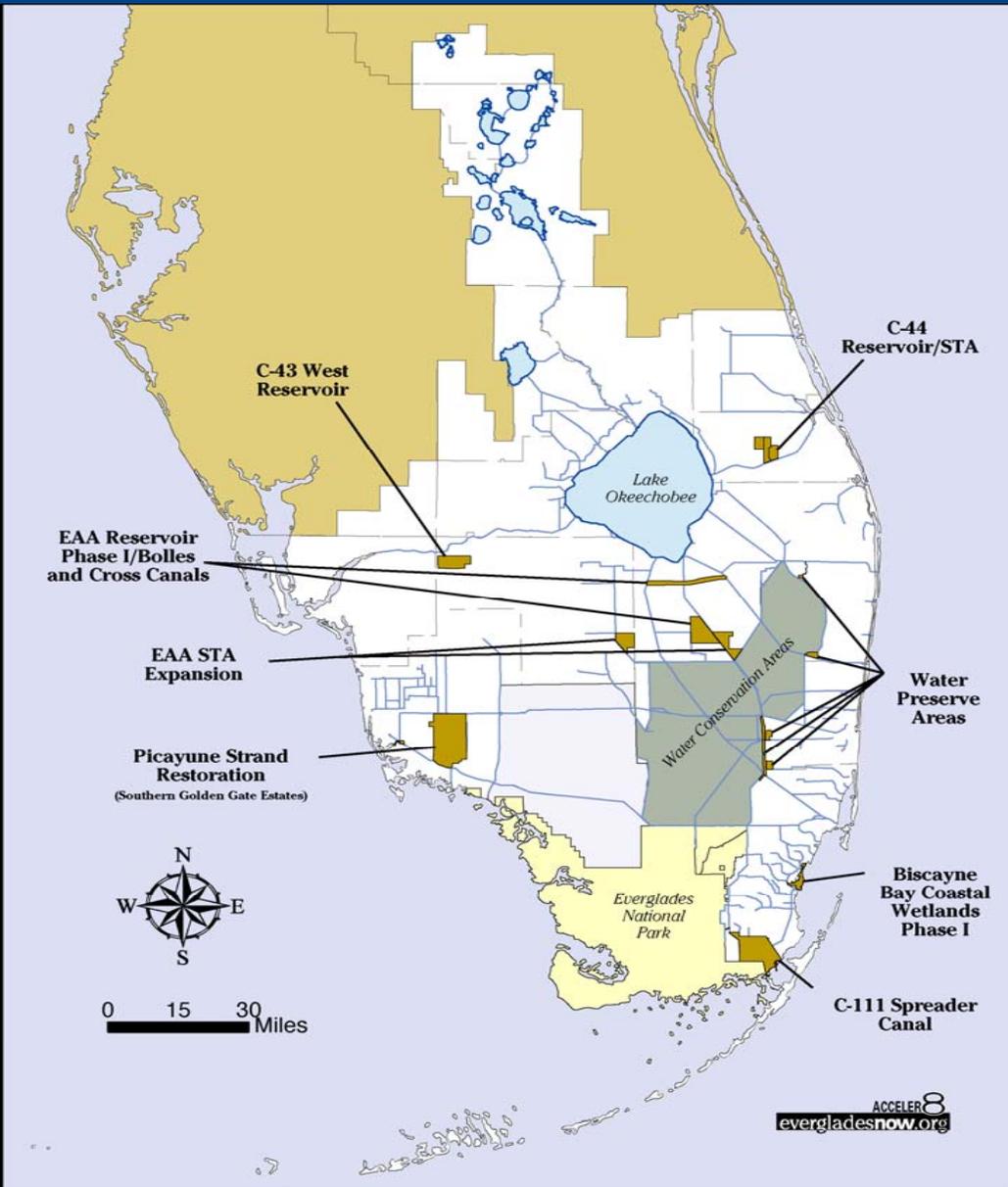
Yellow Book Implementation Plan



Master Implementation Sequencing Plan (MISP)

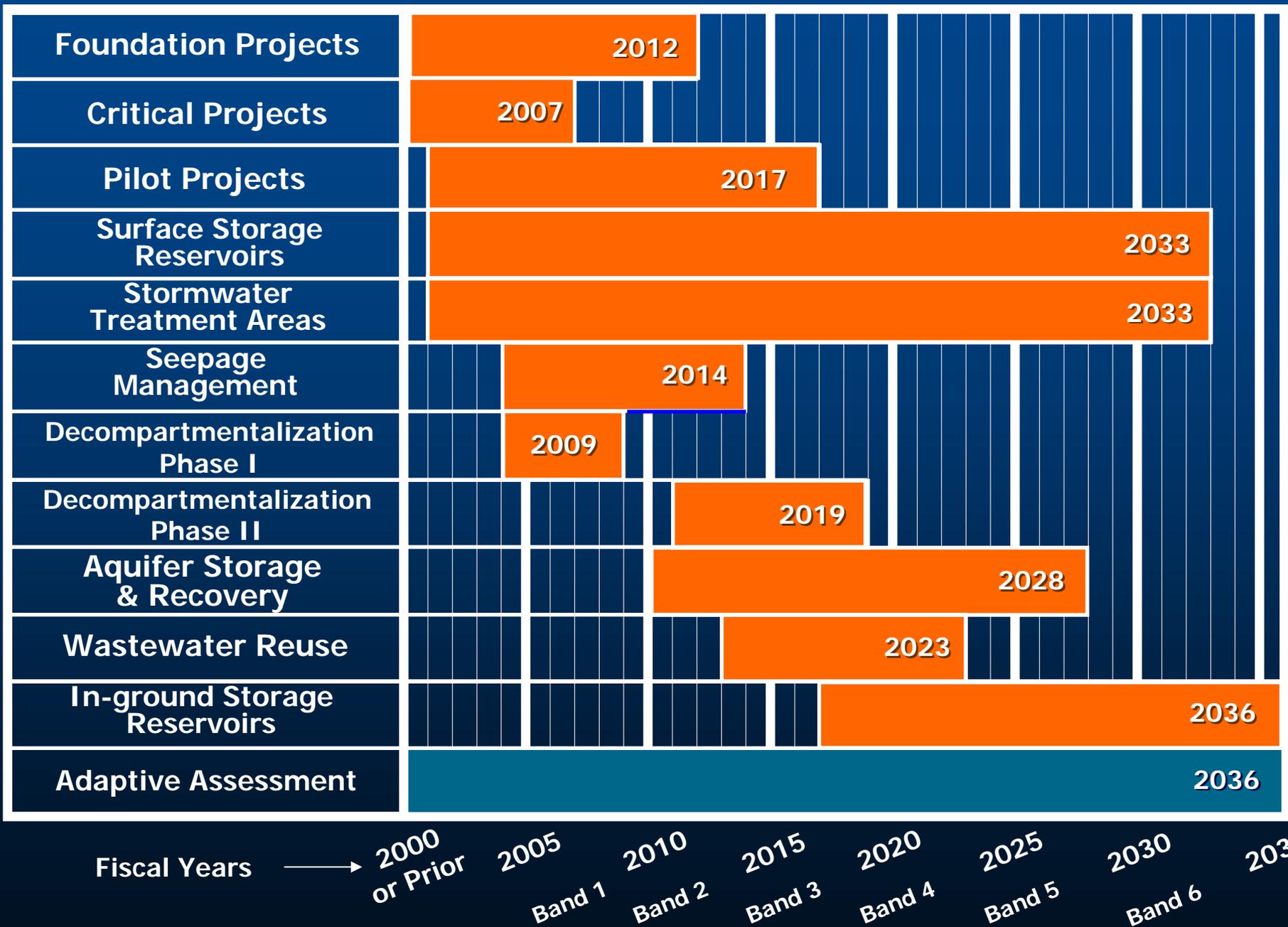
- Required by Programmatic Regulations
- Current version completed in 2005
- MISP defines the order in which the many projects within the South Florida Ecosystem Restoration Program will be planned, designed and constructed
- MISP based on banding - grouping of those products and projects to be accomplished within specific 5-year time periods
- Includes Acceler8 projects

Acceler8 Projects

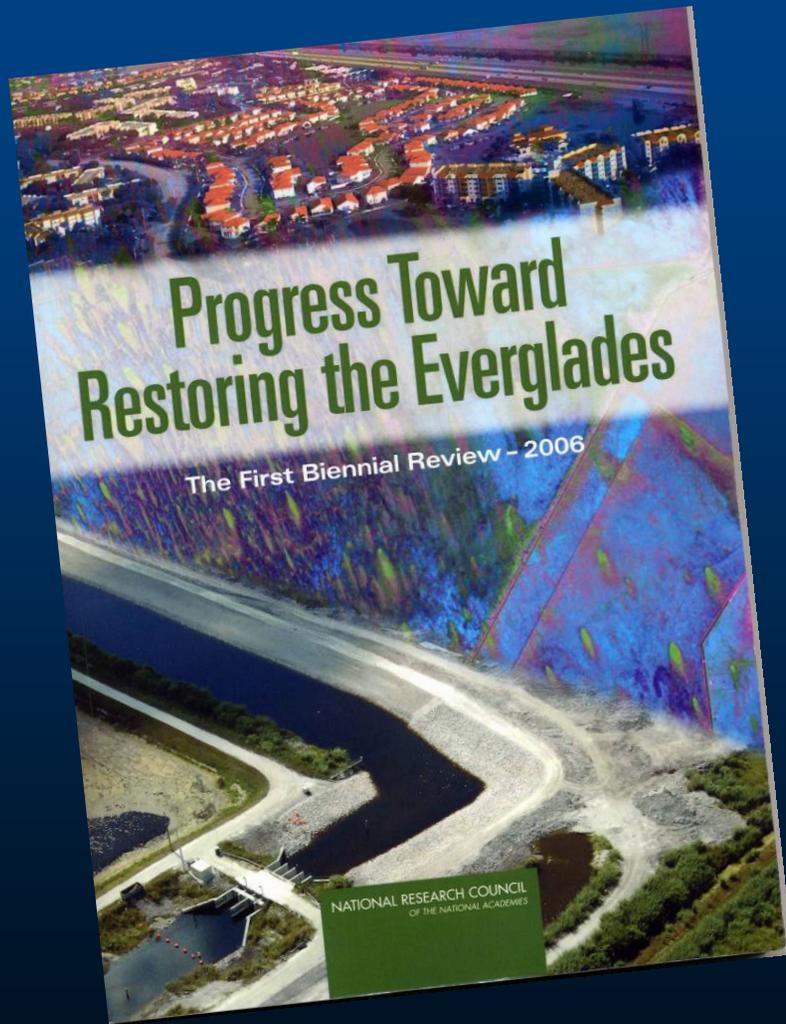


- Announced by the Governor in October 2004 to provide immediate benefits to the South Florida ecosystem
- Cost : \$1.5 billion
- Majority of the projects were a part of the 10 initially authorized projects in WRDA 2000
- Most of the land already in public ownership – acquired with federal and state partnership funds
- Projects are in accordance with the Master Implementation Sequencing Plan

Master Implementation Sequencing Plan

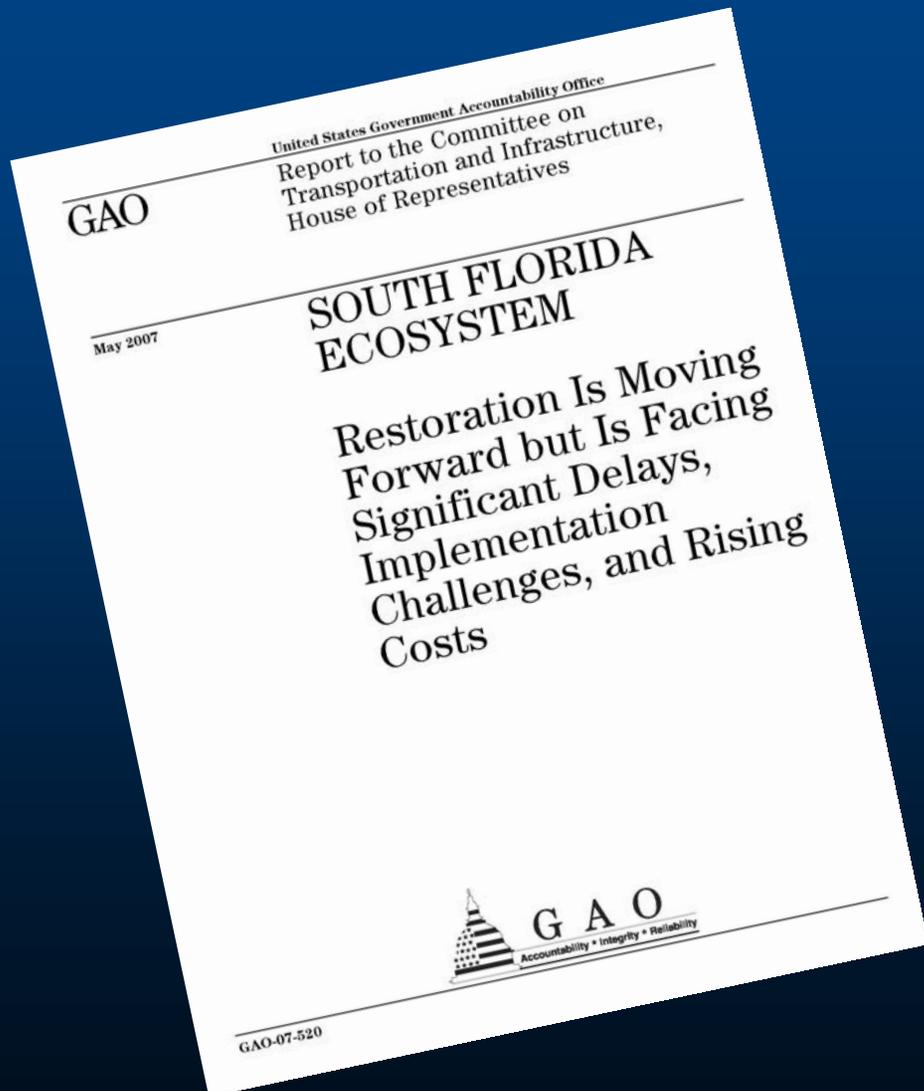


NAS Report to Congress



- Biennial report required by WRDA 2000
- Recommended Incremental Adaptive Restoration (IAR) approach to accelerate natural system restoration
 - Make investments that are significant enough to produce benefits while resolving scientific uncertainties
- Developing integrated delivery schedule to focus restoration effort

May 2007 GAO Report



- Core group of projects behind schedule
- No overarching sequencing criteria used for decision-making
- Implementation decisions mostly driven by availability of funds
- Sequencing plan in 2005 not consistent with criteria established by the Corps
 - Sequencing driven by technical dependencies

Guiding Principles

Guiding Principles Discussion

- No CERP projects are being taken off the table
- The Integrated Delivery Schedule must acknowledge the Federal and State commitment to complete implementation of key ongoing projects before initiating construction of new CERP projects
- Other projects and programs that will require significant continued resources from State and/or Federal agencies will be accomplished with separate funding sources
- Projects should be implemented in a sequence that achieves restoration objectives at earliest possible time, consistent with funding constraints.
- As appropriate, projects should be broken into multiple PIRs to facilitate the Incremental Adaptive Restoration (IAR) approach
- The IDS will be the basis for the updated MISP for CERP
- As appropriate, physical dependencies should drive order of projects
- As appropriate, the Interim Goals and Targets should be used to measure restoration progress
- Key points in implementation will be defined by new system operating manuals

Project Matrix

Project or Project Component	Current Lead For Construction	Restoration Objectives				
		Re-Establish Sheet Flow to Central Everglades	Optimize Water Storage	Improve Water Quality	Restore Northern Estuaries & Lake Okeechobee	Restore/Enhance Wetlands & Natural Areas
Current Federal and State Commitments - Foundation Projects (Notes 1, 2 & 3)						
Critical Restoration Projects	Corps	x	x	x	x	x
C-111 South Dade	Corps	x	x	xx		xx
C51/STA-1 East	Corps	x	x	xx		x
Kissimmee River Restoration	Corps		xx	xx	xx	xx
Modified Water Deliveries to ENP	Corps	xx	x			xx
Current Federal and State Commitments - Accelerated Implementation of Projects that are Included in CERP						
October 2003 Commitments (Note 4):						
Biscayne Bay Coastal Wetlands - Phase 1	SFWMD	x		x		xx
Broward County Water Preserve Areas	Corps	x	xx	xx		xx
C-111 Spreader Canal - Phase 1	SFWMD	xx	x	x		xx
C-43 West Reservoir	SFWMD		xx	x	xx	
EAA Storage Reservoir A-1	SFWMD	x	xx	xx	xx	
IRL-South: C-44 Reservoir and STAs	SFWMD		xx	xx	xx	
Picayune Strand Restoration	Corps		x	x		xx
Site 1 Impoundment	Corps		x	x		x
Other Commitments (Note 5):						
IRL-South: C-23/C-24 STAs	Corps		xx	xx	xx	
North Palm Beach County - Part 1 (Select Features)	SFWMD		xx	xx	x	x
Winsberg Farm Restoration	Corps			x		
Current Federal and State Commitments - CERP Pilot Projects (Note 4)						
Hillsboro ASR	SFWMD		x			
Lake Okeechobee ASR	Corps		x		x	
L-31 N Seepage Management	Corps	x	xx			
Current Federal and State Commitments - CERP Feasibility Studies						
ASR Regional Study			x			
Florida Bay/Florida Keys Feasibility Study						x
Southwest Florida Feasibility Study			x		x	x
Comprehensive Water Quality Feasibility Study				x		
Other Authorized CERP Projects/Project Components						
Remaining IRL-South Project Components			xx	xx	xx	xx
Ongoing CERP Project Implementation Reports Scheduled for Completion in FY2010 to FY2012						
WCA-3 Decompartmentalization Physical Model		x	x			
WCA-3 Decompartmentalization - Phase 1 (Miami-NNR)		xx	x			xx
ENP Seepage Management		xx	xx	x		xx
Lake Okeechobee Watershed Project		x	xx	xx	xx	x
North Palm Beach County - Part 1			xx	xx	x	x

Project Matrix

- Colored bands on matrix represent projects with Federal and/or State commitment to implement – “what’s on our plate”
 - Foundation Projects (Green Band)
 - Accelerated Implementation of CERP Projects (Blue Band)
 - CERP Pilot Projects (Yellow Band)
 - CERP Feasibility Studies (Gray Band)
 - Other Authorized CERP Projects (Pink Band)
- Matrix includes remaining CERP projects (White Band)
 - Project Implementation Reports currently underway
 - Future CERP Project Implementation Reports
- Matrix does not include other projects/programs such as Herbert Hoover Dike Rehabilitation, State Northern Everglades Plan, and State Long-Term Plan for Achieving Water Quality Goals which will be accomplished with separate funding sources

Remaining Commitments FY09 →

	Federal	Non-Federal
Foundation Projects (Green Band)	\$400M	\$150M
Accelerated Implementation – Oct 2004 (Blue Band)	\$700M	\$1.5B
Accelerated Implementation – Other (Blue Band)	\$190M	\$130M
CERP Pilot Projects (Yellow Band)	\$20M	
CEEP Feasibility Studies (Gray Band)	\$40M	\$40M
Other Authorized CERP Projects (Pink Band)	\$275M	
Total	\$1.6B	\$1.8B

Sequencing Discussion

Should we:

- Target resources on completing projects as soon as possible (i.e. put lots of funds on fewer projects, but complete projects sooner)
- Spread resources among a number of projects (i.e. put funds on more projects)
- Develop other approaches?

Issues and Concerns

Closing Three Thoughts Discussion

Three closing thoughts from each member on the Integrated Delivery Schedule:

- Issues
- Concerns
- Priorities

Next Steps Discussion

Thank You

