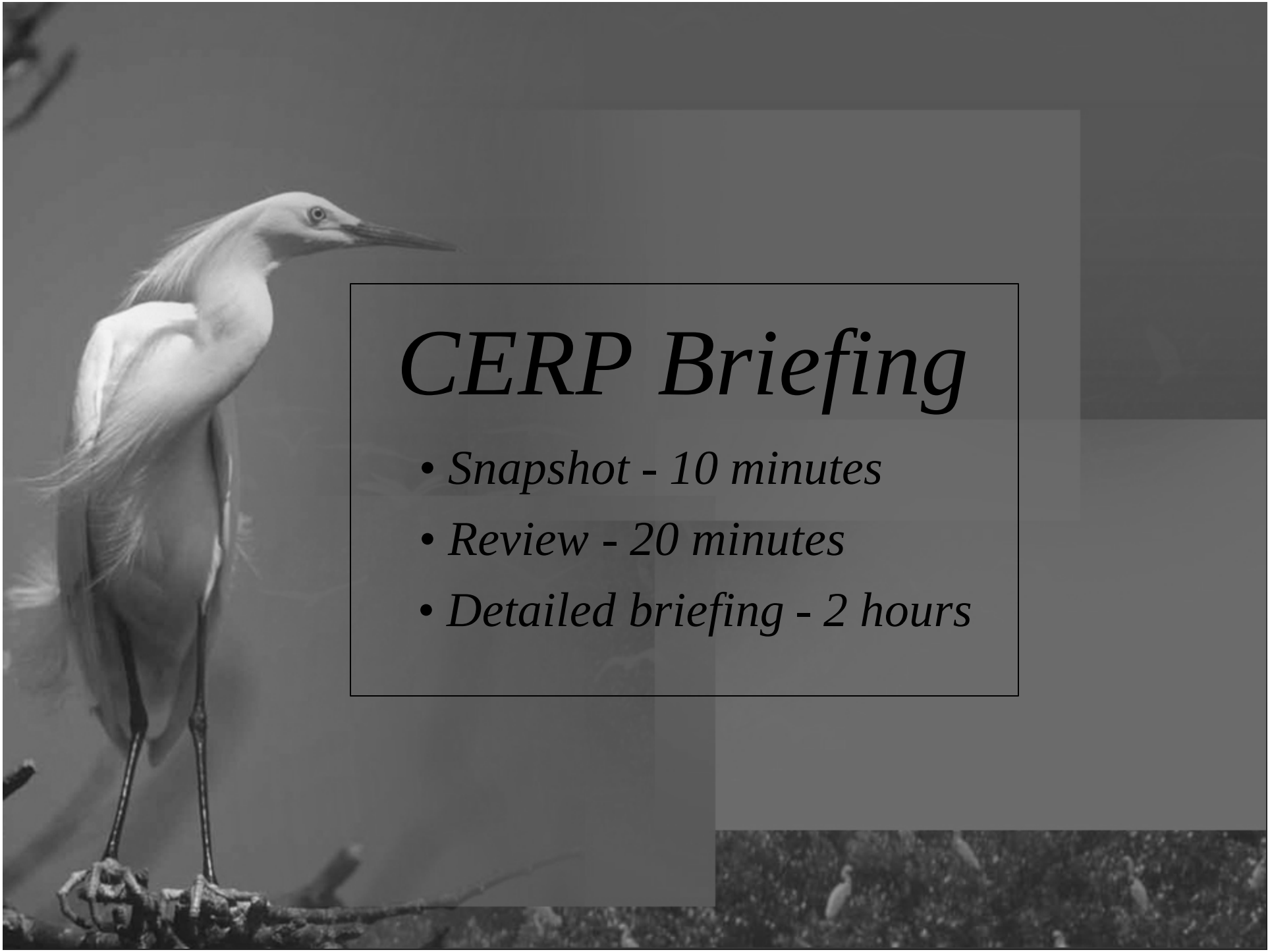
Comprehensive Everglades Restoration Plan - CERP

Congressional Briefing

July 2001

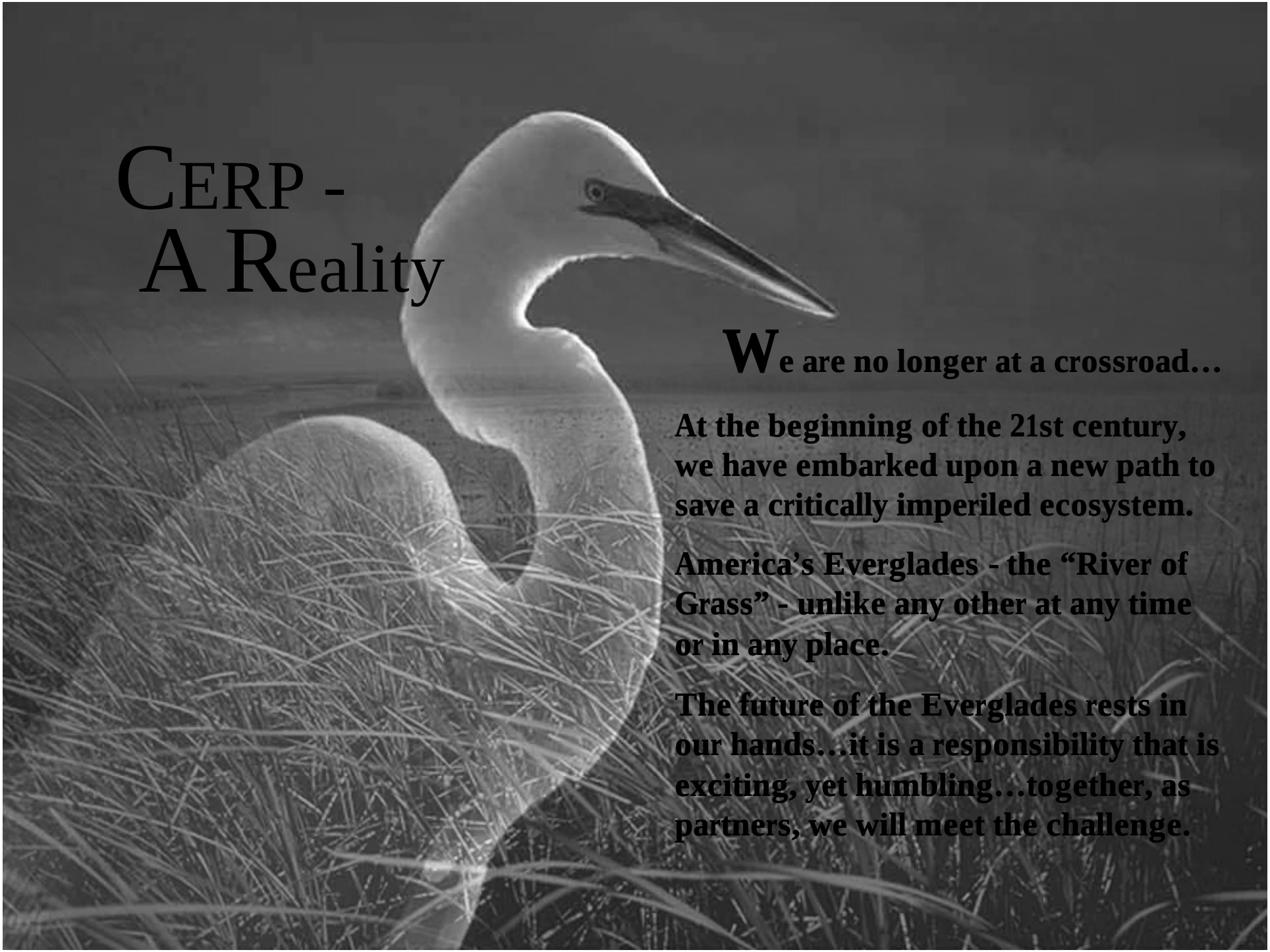
CENTRAL & SOUTHERN FLORIDA PROJECT

COMPREHENSIVE EVERGLADES RESTORATION PLAN



CERP Briefing

- *Snapshot - 10 minutes*
- *Review - 20 minutes*
- *Detailed briefing - 2 hours*



CERP - A Reality

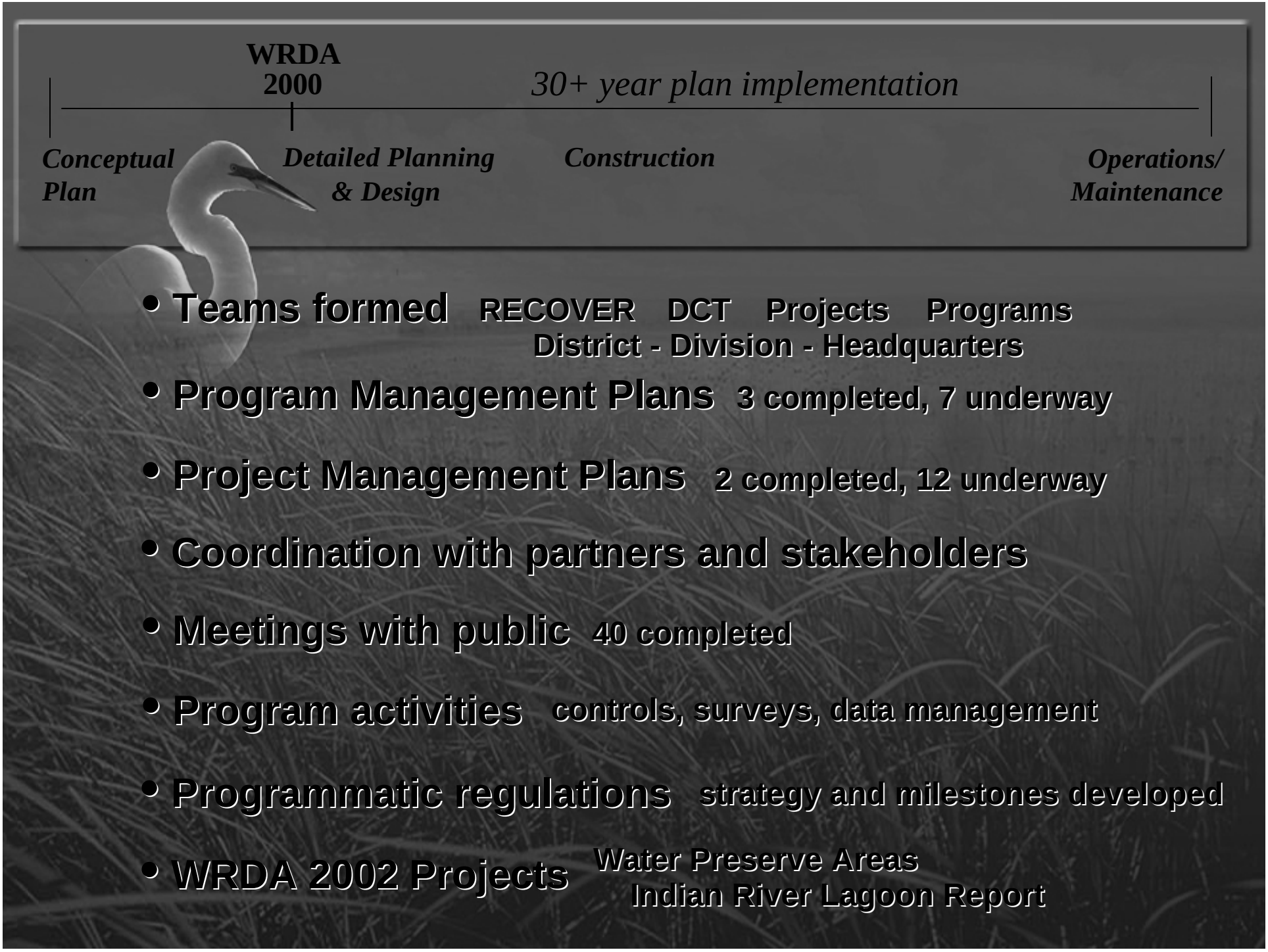
We are no longer at a crossroad…

At the beginning of the 21st century, we have embarked upon a new path to save a critically imperiled ecosystem.

America's Everglades - the "River of Grass" - unlike any other at any time or in any place.

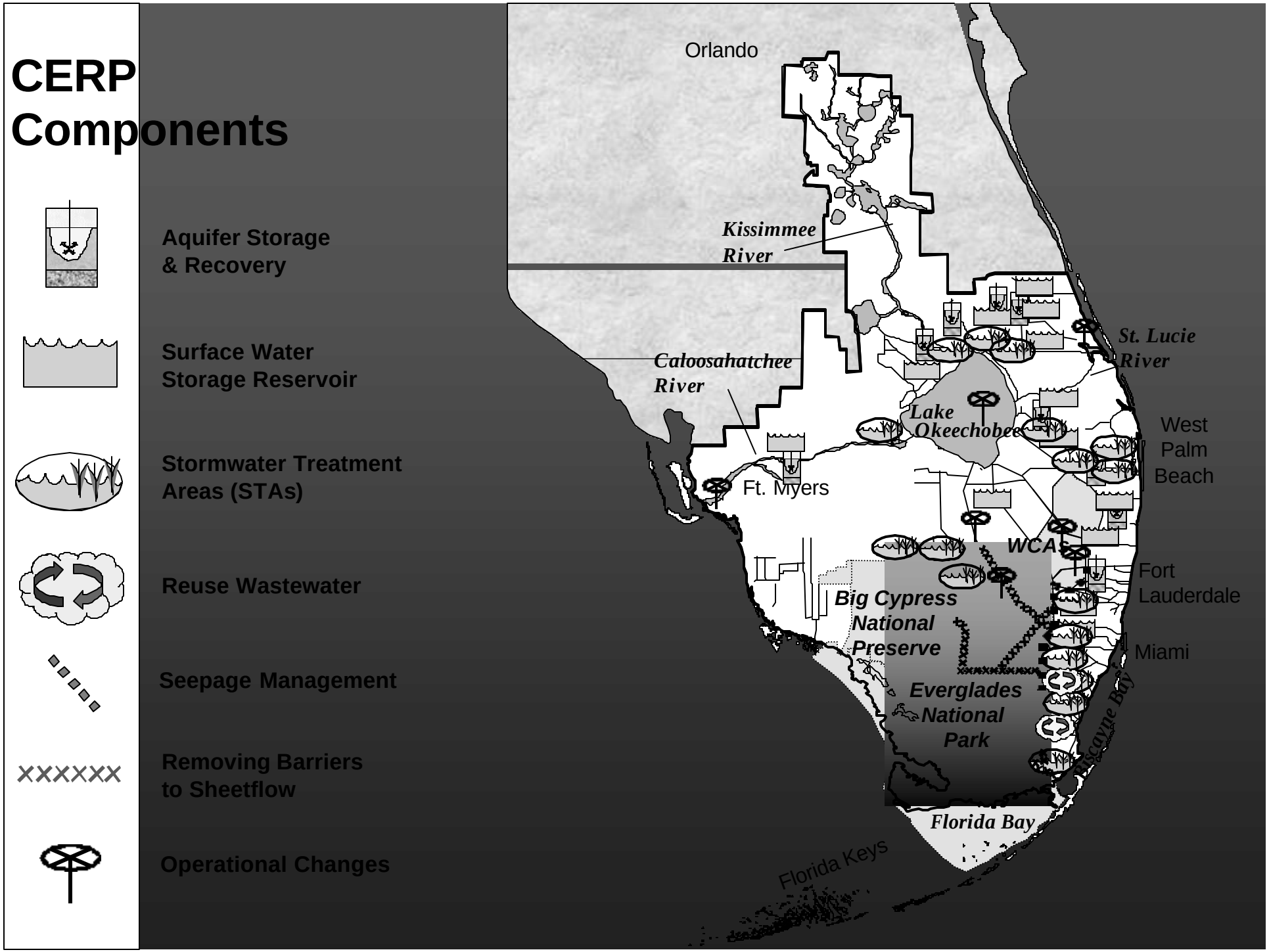
The future of the Everglades rests in our hands…it is a responsibility that is exciting, yet humbling…together, as partners, we will meet the challenge.

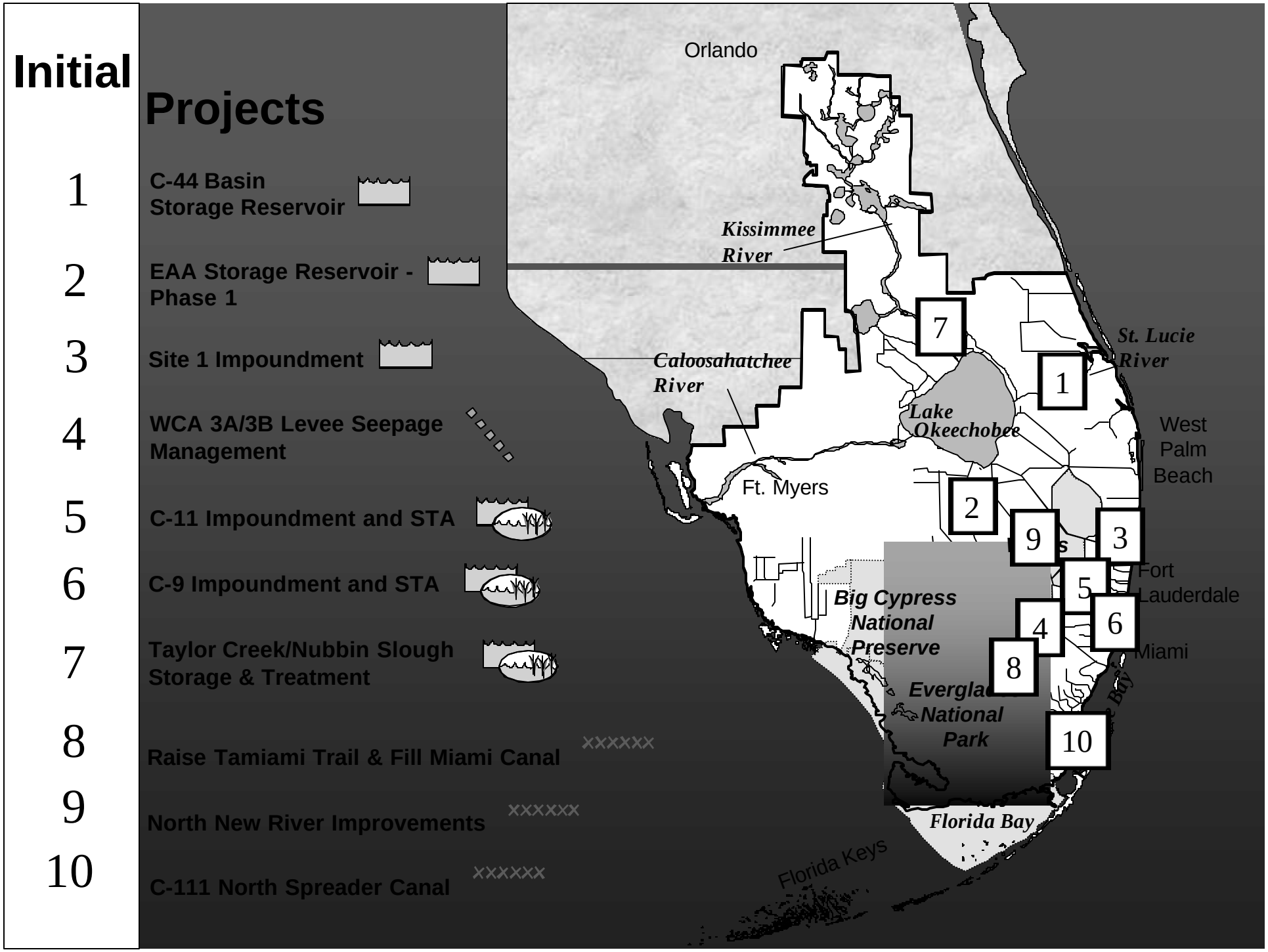
CERP underway with the enactment of the *Water Resources Development Act (WRDA)* of 2000



- **Teams formed** RECOVER DCT Projects Programs
  District - Division - Headquarters
- **Program Management Plans** 3 completed, 7 underway
- **Project Management Plans** 2 completed, 12 underway
- **Coordination with partners and stakeholders**
- **Meetings with public** 40 completed
- **Program activities** controls, surveys, data management
- **Programmatic regulations** strategy and milestones developed
- **WRDA 2002 Projects** Water Preserve Areas
  Indian River Lagoon Report

CERP Components




Initial Projects
1 C-44 Basin Storage Reservoir
2 EAA Storage Reservoir - Phase 1
3 Site 1 Impoundment
4 WCA 3A/3B Levee Seepage Management
5 C-11 Impoundment and STA
6 C-9 Impoundment and STA
7 Taylor Creek/Nubbin Slough Storage & Treatment
8 Raise Tamiami Trail & Fill Miami Canal
9 North New River Improvements
10 C-111 North Spreader Canal
Orlando
Kissimmee River
Caloosahatchee River
Lake Okeechobee
St. Lucie River
Ft. Myers
West Palm Beach
Fort Lauderdale
Miami
Big Cypress National Preserve
Everglades National Park
Florida Bay
Florida Keys
7
1
2
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3
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10

CERP Initial Project Construction Completion

Type	Project Description	Apr 99	Current
	C-44 Basin Storage Reservoir	Jun 07	Oct 07
	EAA Storage Reservoir - Phase 1	Sep 09	Sep 09
	Site 1 Impoundment	Sep 07	Oct 07/Mar 17
	WCA 3A/3B Levee Seepage Management	Sep 08	Oct 08
	C-11 Impoundment and STA	Sep 08	Jan 06
	C-9 Impoundment and STA	Sep 07	Jan 06
	Taylor Creek/Nubbin Slough Storage & Treatment	Jan 09	Jun 09
xxxxxx	Raise Tamiami Trail & Fill Miami Canal	Jan 10	Oct 10/Oct 14
xxxxxx	North New River Improvements	Jan 09	Oct 08/Apr 10
xxxxxx	C-111 North Spreader Canal	Jul 08	Mar 09

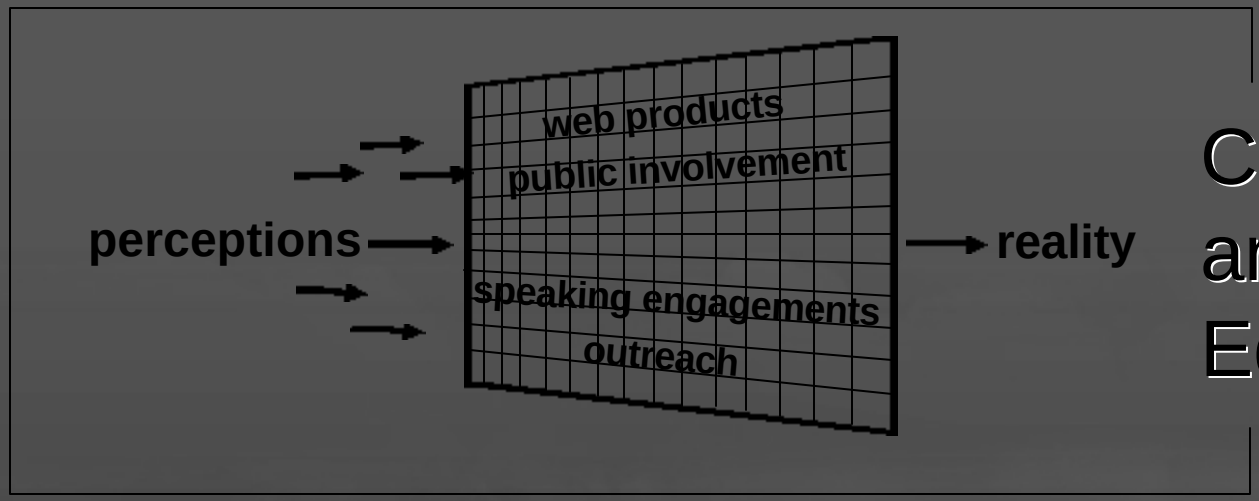
Upper St. Johns River Basin Project - a successful partnership in restoration, 97% complete
St. Johns River Water Management District
CENTRAL & SOUTHERN FLORIDA PROJECT
COMPREHENSIVE EVERGLADES RESTORATION PLAN
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
South Florida Water Management District
Partnership-
Foundation for Success

Projects to be ready for WRDA 2002

- Water Preserve Areas (WPAs)
- Indian River Lagoon

What's in the Future?

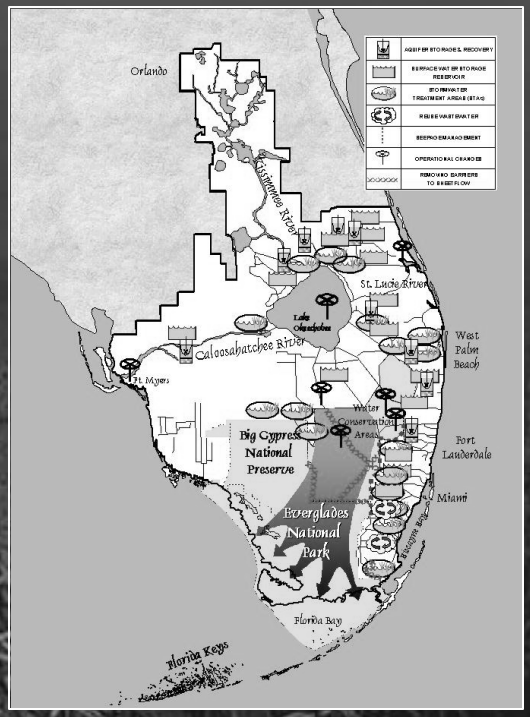
Future WRDAs



Communication and Education

Maintaining momentum...

System perspective



CERP Briefing *continued*

- *Snapshot - 10 minutes*
- ***Review - 20 minutes***
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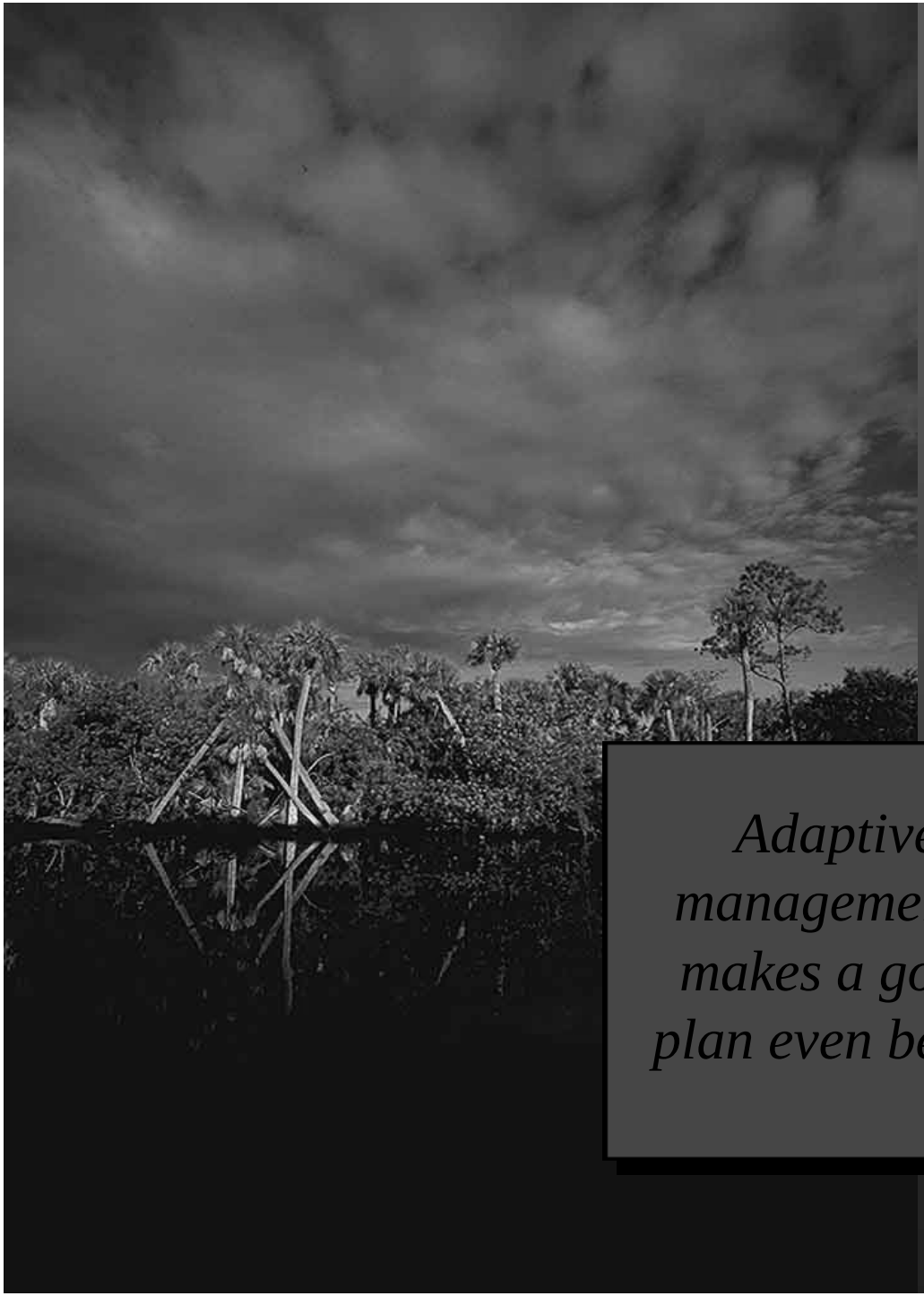
Restoration Authorizations

- *Flood Control Act '48+* (Central & Southern Florida Project)
- *ENP Expansion Act of '89* (Modified Water Deliveries to ENP)
- *WRDA '92* (Kissimmee River Restoration)
- *WRDA '96* (Everglades Ecosystem Restoration - critical projects)
- *WRDA '99* (Lake Okeechobee & Hillsboro ASR Pilots)
- *WRDA 2000* (Comprehensive Everglades Restoration Plan)



Adaptive management - makes a good plan even better

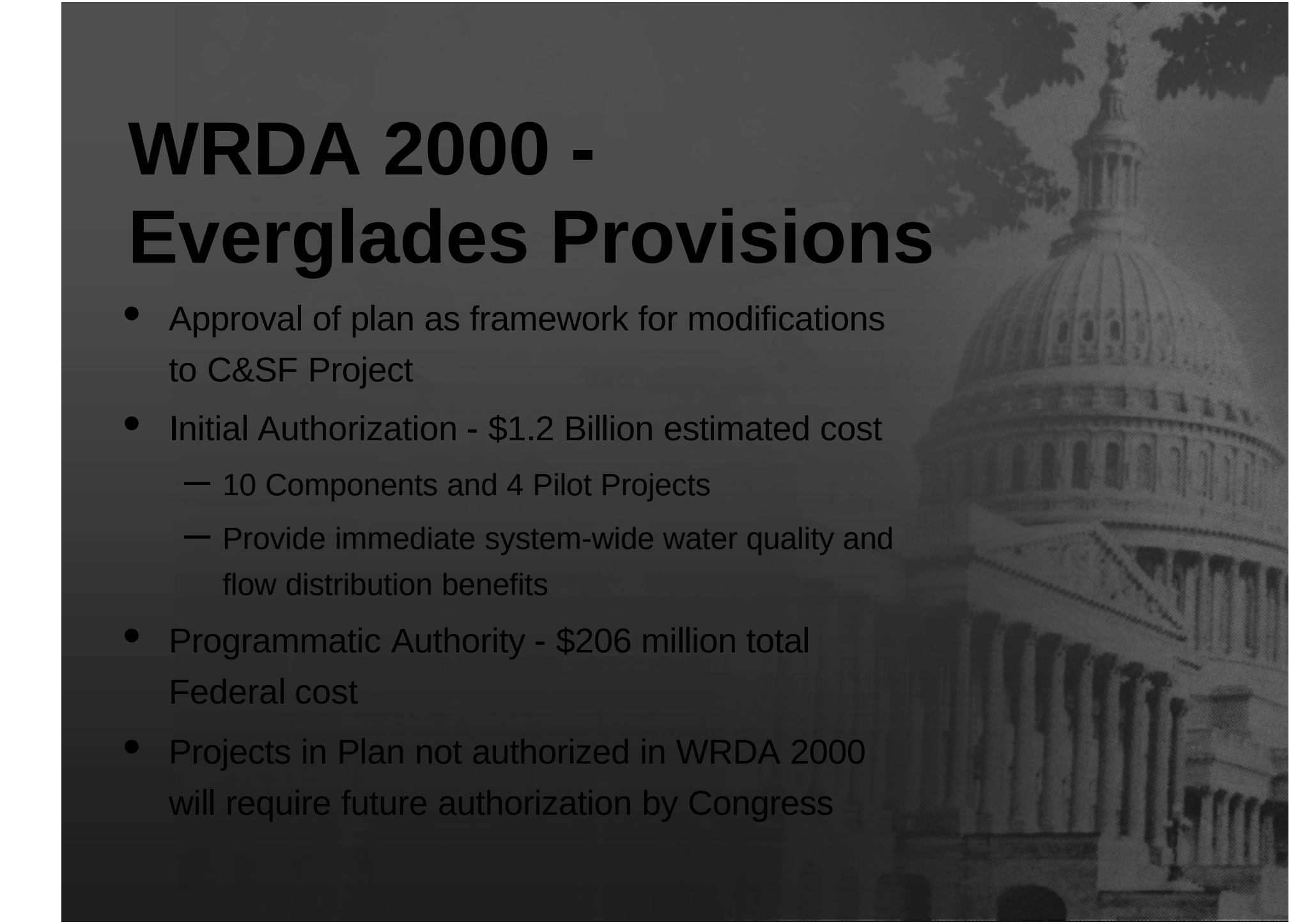
"The Comprehensive Plan is a science-based and technically sound roadmap for restoring this ecosystem of international importance. It is flexible and will allow for adjustments as we learn more. In fact, it anticipates that such adjustments will have to be made…"

Nathaniel Reed April 7, 1999
Florida Environmentalist and
Former Assistant Secretary
of the Interior

CERP is...
Getting the Water Right

WRDA 2000 - Everglades Provisions

- Approval of plan as framework for modifications to C&SF Project
- Initial Authorization - $1.2 Billion estimated cost
  - 10 Components and 4 Pilot Projects
  - Provide immediate system-wide water quality and flow distribution benefits
- Programmatic Authority - $206 million total Federal cost
- Projects in Plan not authorized in WRDA 2000 will require future authorization by Congress



State/Federal Considerations
WRDA 2000 Special Requirements

- **Agreement Between President and Governor**
  Status- Governor's Office and Secretary of the Army coordinating

- **Dispute Resolution Process**
  Status- Initial draft has been prepared and is being coordinated

- **Programmatic Regulations**
  Status- Underway; initial meetings held with agencies, public and stakeholders

State/Federal Considerations
WRDA 2000 Special Requirements continued

- **Report on Miami-Dade ASR**
  Status- Final report is being prepared

- **Wastewater Reuse Evaluation Report**
  Status- Report to be prepared in coordination with pilot project

- **Implementation Progress Report**
  Status- Detailed criteria will be established

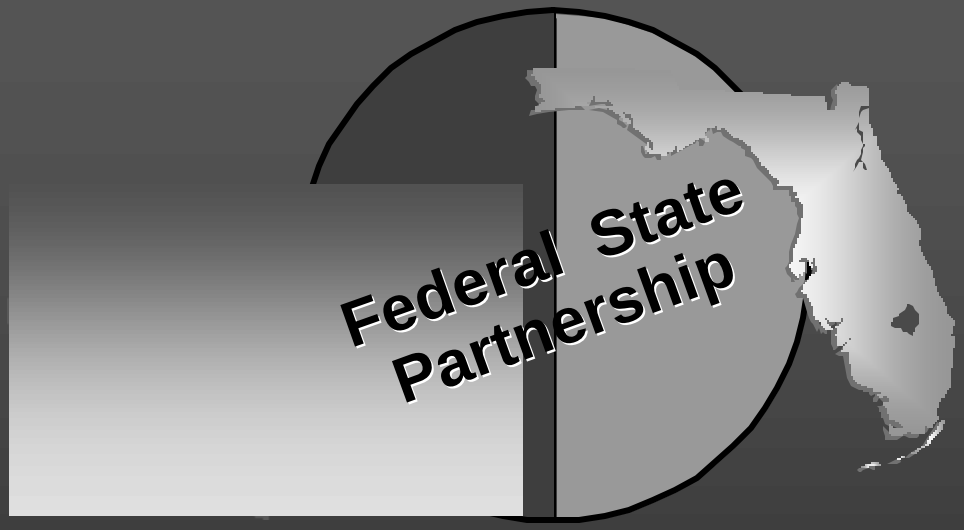
Corps-SFWMD
Over 50 Years as Partners

- ***1949 to 1975*** **- Building C&SF**
- ***1975 to 2000*** **- Moving into environmental restoration**
- ***2000 on*** **- CERP**

South Florida Water Management District

- ***1650 employees***
- ***wide range of expertise***

Costs are shared equally



- **$7.8 billion over 30+ years to implement**

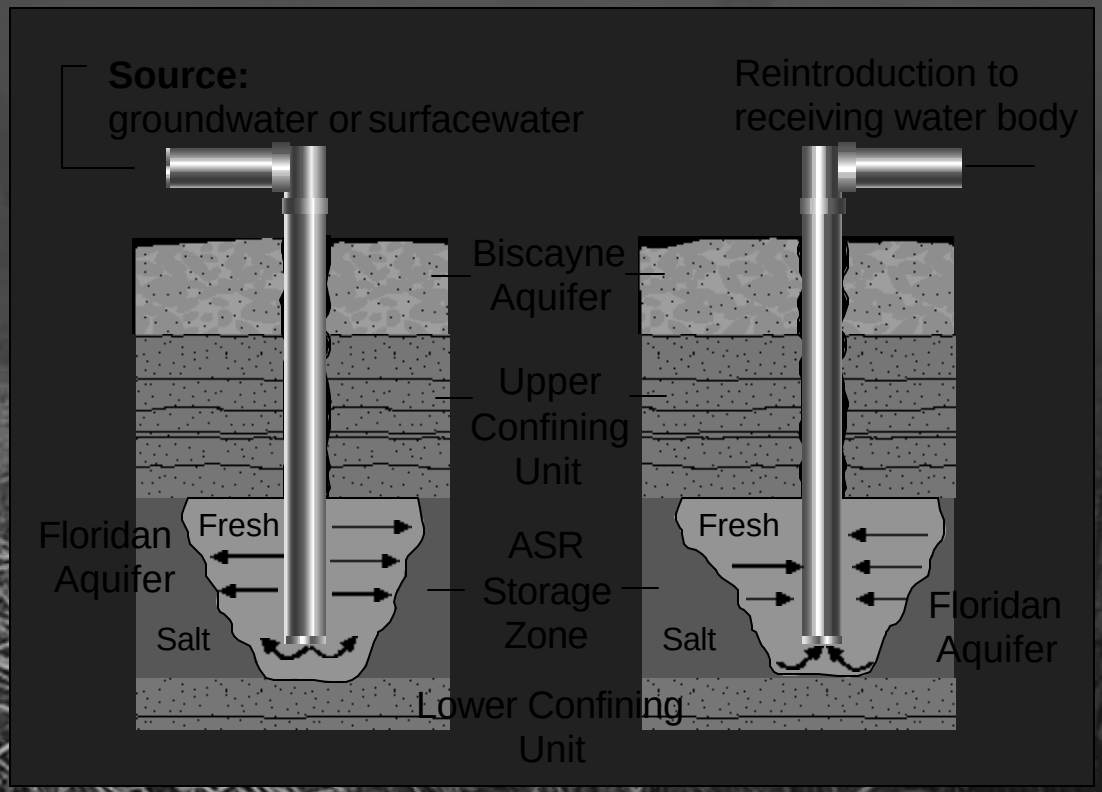
The Everglades Restoration and Investment Act **provides $2 billion**

Current
Topics

Aquifer Storage & Recovery (ASR)

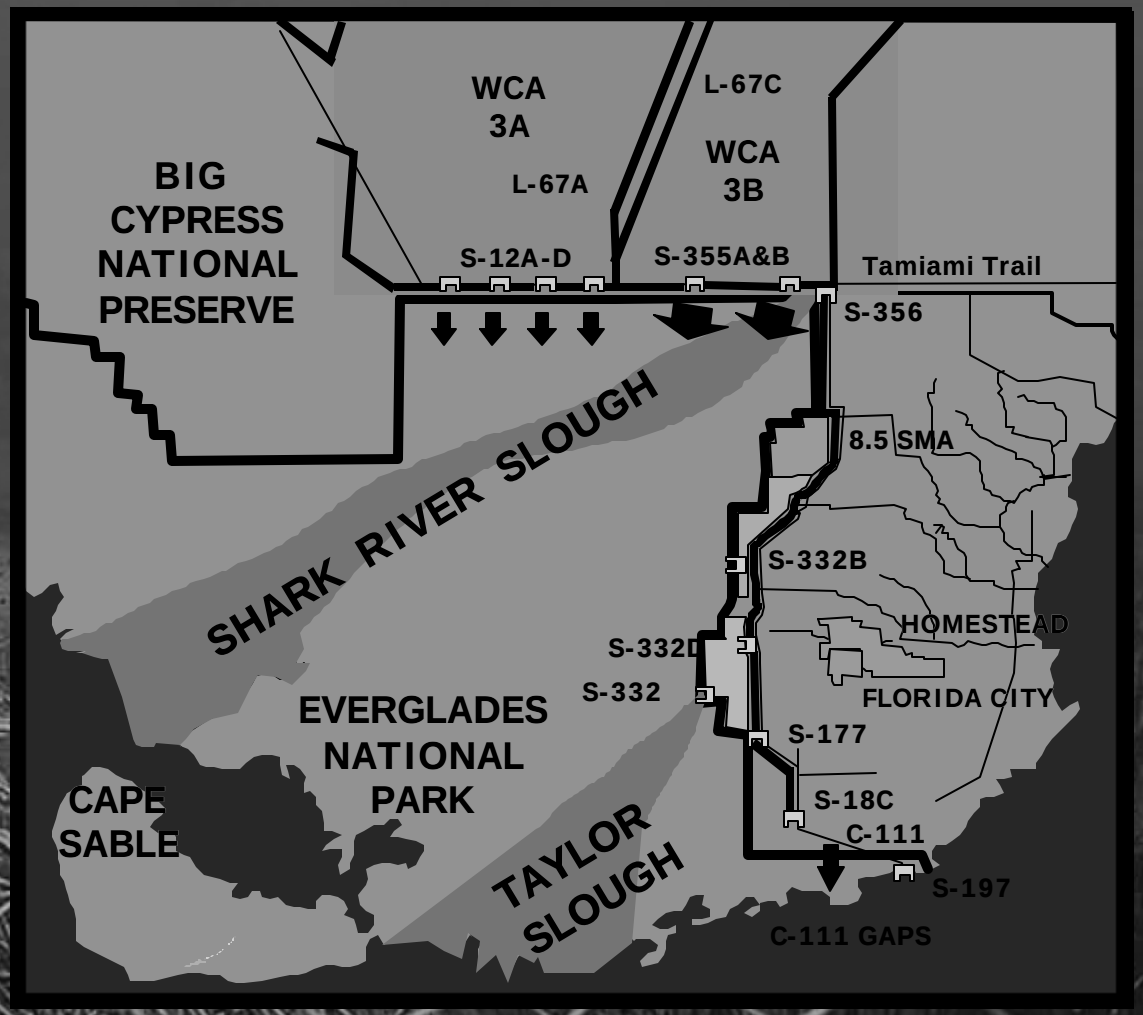
Strategy

- **pilot projects**
- **regional studies**



Modified Water Deliveries

- WRDA 2000 completion requirement
- 8 1/2 sq. mile area
- Tamiami Trail



Communications/ Outreach

- Continue open collaborative process
- WRDA 2000 Outreach
  - Business/contracting outreach underway
  - Socially and economically disadvantaged community information and involvement strategy developed and initiated

Working with Others

- Federal agencies
- State government
- Native American Tribes
- Working Group/Task Force
- Agriculture
- Environmental groups
- Urban interests
- Local government

We’re on our way -

- This is precedent setting
- Big but manageable program
- Great Federal-State partnership
- Florida delegation has been invaluable in getting us where we are today