

Water Supply and Local Comprehensive Planning

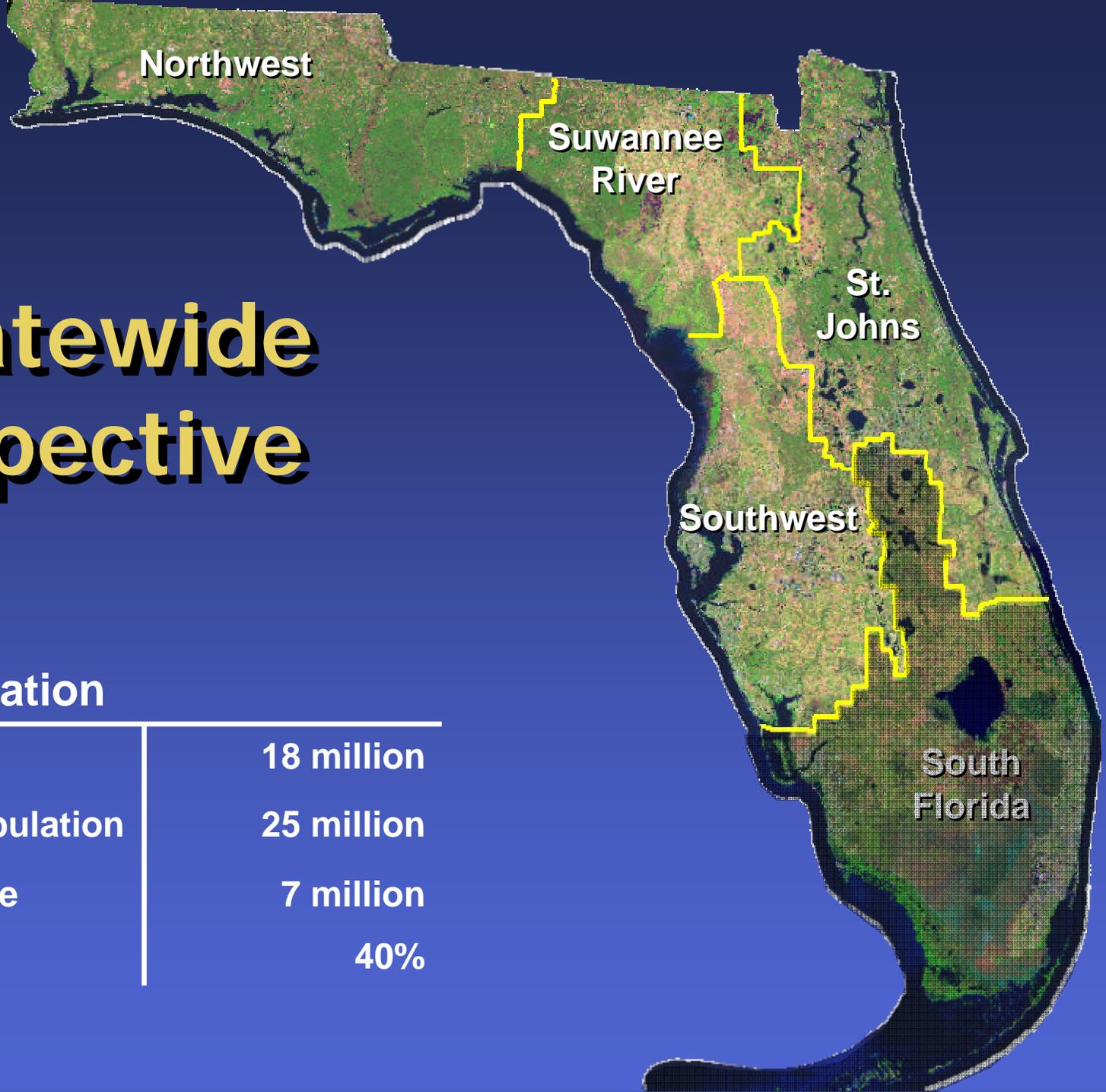
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***Treasure Coast Regional Planning Council
Stuart
July 20, 2007***



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A Statewide Perspective



Florida's Population

2005 Population	18 million
Projected 2025 Population	25 million
Population Increase	7 million
Percent Increase	40%

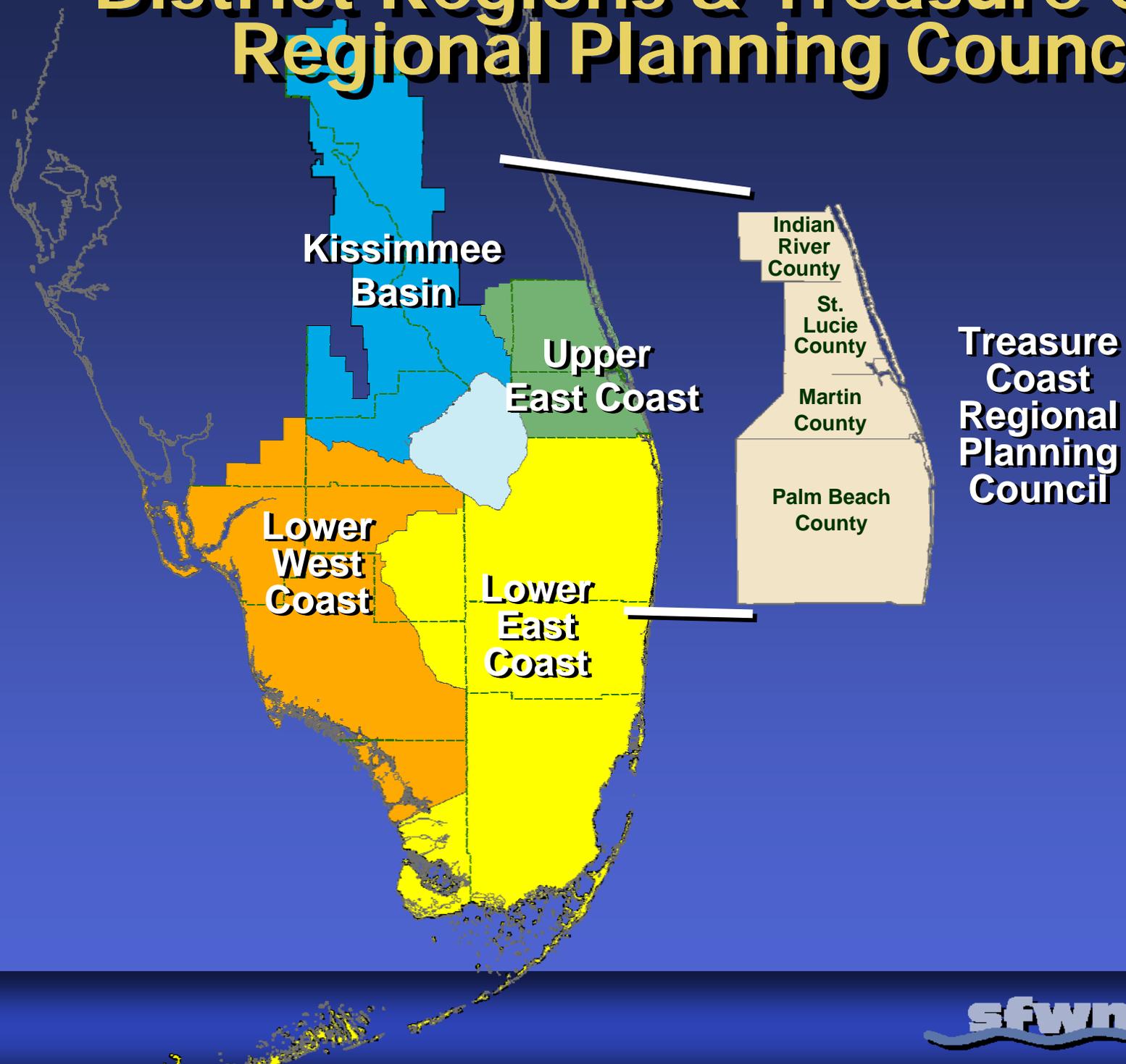
State Law Now Links Growth with Water Supply Components Water Availability



Linking Growth with Water Availability

- Increased focus on alternative water supplies
- Improved communication between utilities and planning departments
- Strengthened link between water supply plans and land use planning

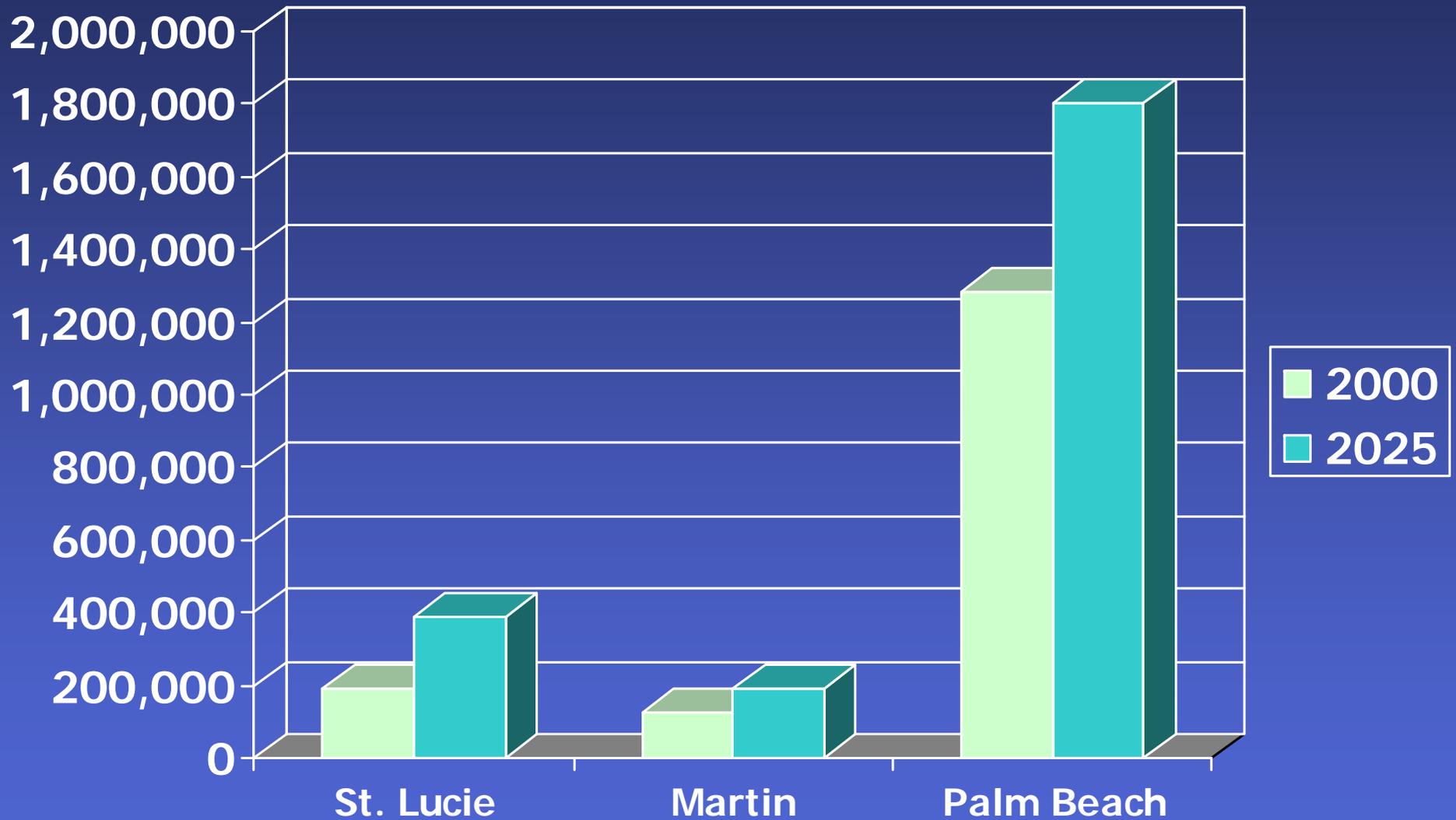
District Regions & Treasure Coast Regional Planning Council



Indian River County

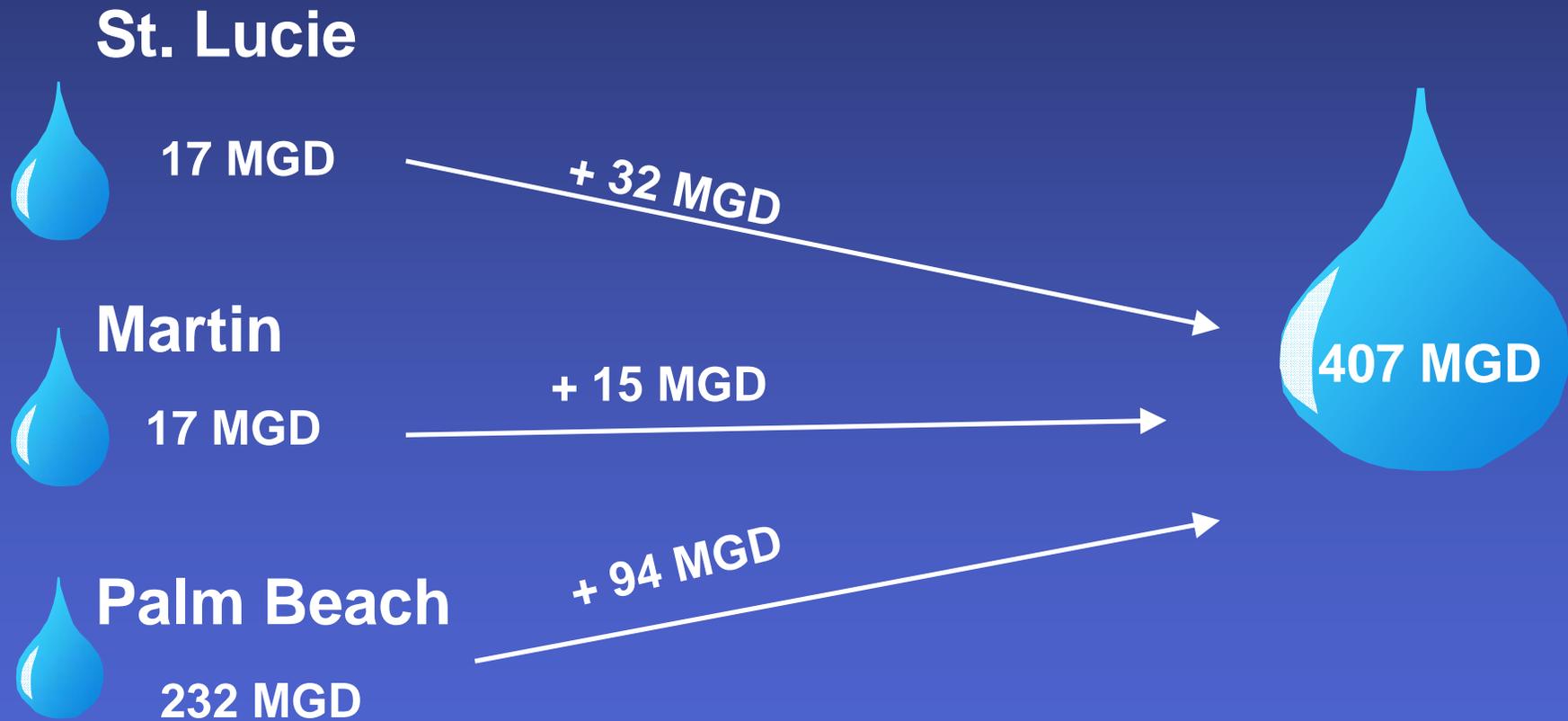
- In St. John's River Water Management District
- Not in Priority Water Resource Cautionary Area
- Not required to prepare 10-Year Water Supply Facilities Plan
- Must address:
 - Adequacy of planned water supply sources and facilities for future land use map amendments
 - Water supply planning in Evaluation and Appraisal Report and amendments
 - Water supply concurrency requirements in comprehensive plan

Population



NEW Water Needed 2025

Public Water Supply



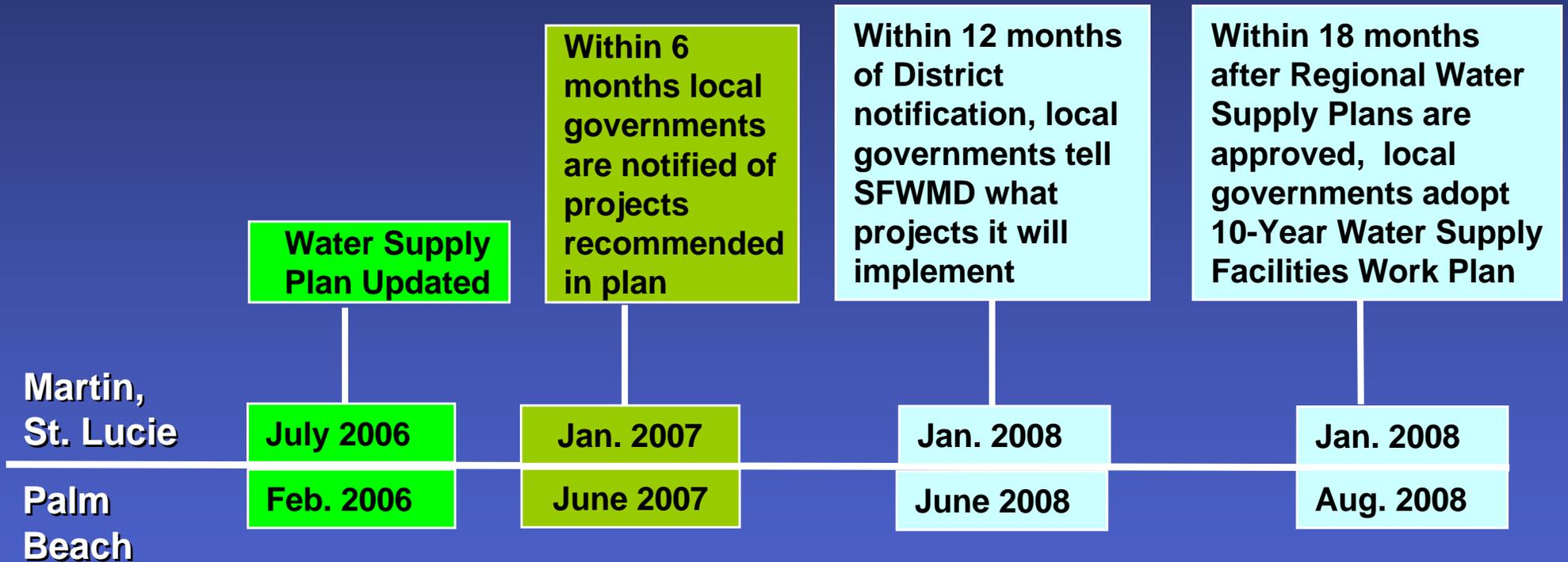
Trends in Water Use Demands

- Palm Beach, Martin and St. Lucie counties
 - Public Water Supply increasing
 - Agricultural use declining
 - Thermoelectric use increasing

Regional Water Availability Rule Important for Palm Beach County

- Concept introduced in the LEC Regional Water Supply Plan, 2000
- Restricts increased withdrawals from specified “Waterbodies”
 - Lower East Coast Everglades
 - North Palm Beach County/Loxahatchee River Watershed
- Mainly applies to larger withdrawals near the Waterbodies or integrated conveyance systems that receive water supplies from Waterbodies

Linking Water Supply & Land Use Planning



Local Governments Are Required to Respond

- Within 12 months of receiving letter, Local Governments must notify SFWMD:
 - Which recommended projects will be built
 - Identify additional projects to replace or supplement recommended projects
 - Identify quantity of water to be produced
 - Provide status of implementing projects

Local Governments Must Amend Comprehensive Plans

- 18 month time clock started when the respective Regional Water Supply Plan Update was approved
- Local Governments must submit to DCA
 - 10-Year Water Supply Facilities Work Plan
 - Proposed amendments to Capital Improvement Element (CIE)
 - Updated Potable Water Element
 - Conservation Element

SFWMD Reviews of Local Comprehensive Plan Amendments (future land use)

- Existing Comprehensive Plan's commitments to develop water supply
- Volume and sources of water required to meet demands of existing Future Land Use Map
- Volume and sources of water required to meet demands of proposed Future Land Use Map amendments

Water Supply Plans Provide Foundation for Linkage

- Water Supply Plans now identify *specific* projects to meet demands for next 20 years
- Appendix of Plans provides guidance and identifies sources of information needed by local governments
- Local governments incorporate projects into comprehensive plans within 18 months of water supply plans approval

Points to Address in Amending Comprehensive Plans

- Is source availability determined?
- Water supplier commitment?
- Does the analysis support the future demands of the amendment?
- Are the necessary facilities included in the Capital Improvement Element?

Emerging Issues

- 10-Year Water Supply Facilities Work Plan Requirements
- Differences in Population Projections
- Appropriateness of Water Level of Service
- Consistency in Demand Projections Between Plans and Permits
- Dealing with Existing “Deficits” in Comprehensive Plans
- Irrigation Water Use Planning

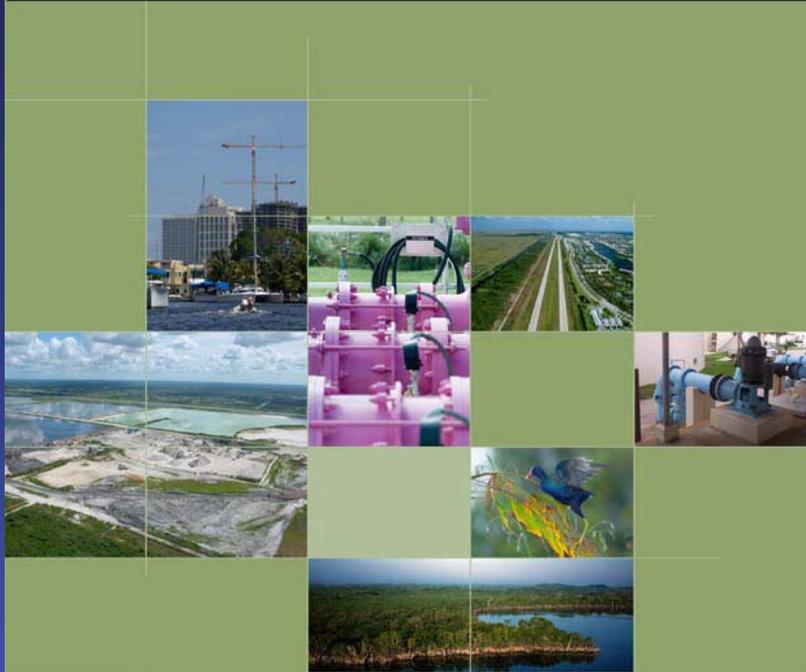
10-Year Water Supply Facilities Work Plan Issues

- Must address all water supply providers with jurisdiction
- Required even if jurisdiction does not provide water
- May require information from two regional water supply plans
- Quantifying self-served and small providers
- Agreement on future utility service areas

Technical Assistance to Help Bring the Pieces Together

- Appendix of Plan Updates provides guidance and identifies sources of information needed by local governments
- DCA Guidance
- SFWMD website and assistance
- Workshops for local government planners and utilities

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

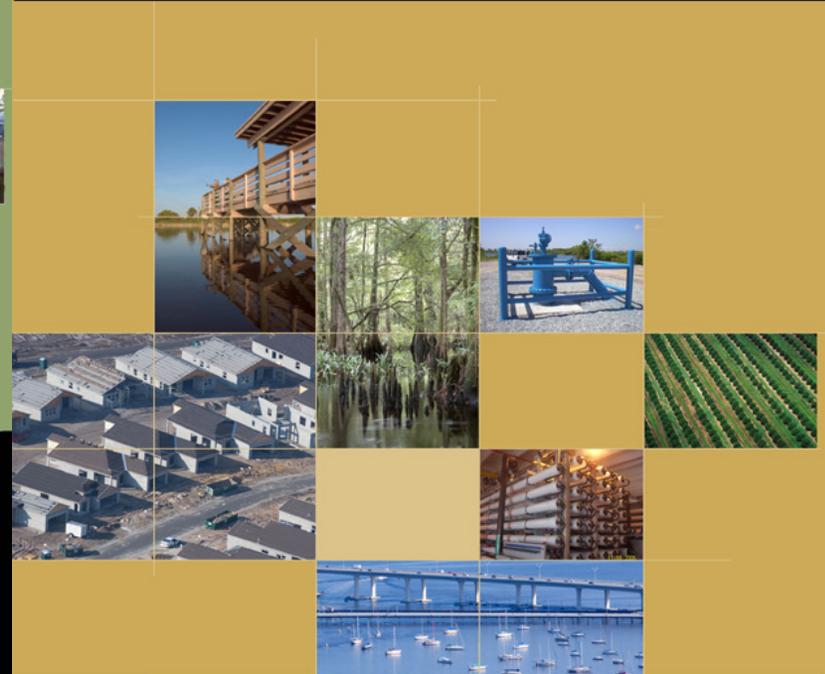


LOWER EAST COAST
Water Supply Plan

2005-2006 UPDATE

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT



UPPER EAST COAST
Water Supply Plan

2006 AMENDMENT

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Thank you

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