

**The Florida Senate**  
**COMMITTEE MEETING EXPANDED AGENDA**

**APPROPRIATIONS SUBCOMMITTEE ON AGRICULTURE,  
ENVIRONMENT AND GENERAL GOVERNMENT**

**Senator Mayfield, Chair**  
**Senator Powell, Vice Chair**

**MEETING DATE:** Wednesday, December 11, 2019  
**TIME:** 1:30—3:30 p.m.  
**PLACE:** *Toni Jennings Committee Room*, 110 Senate Building

**MEMBERS:** Senator Mayfield, Chair; Senator Powell, Vice Chair; Senators Albritton, Bean, Berman, Broxson, Hooper, Hutson, Rodriguez, and Stewart

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	Presentation on the Governor's Environment Fiscal Year 2020-2021 Budget Recommendations: Department of Agriculture and Consumer Services Department of Citrus Department of Environmental Protection Fish and Wildlife Conservation Commission		Presented
2	Presentation on the Governor's General Government Fiscal Year 2020-2021 Budget Recommendations: Department of Business and Professional Regulation Department of Financial Services Office of Financial Regulation Office of Insurance Regulation Department of Lottery Department of Management Services Division of Administrative Hearings Florida Commission on Human Relations Public Employees Relations Commission Public Service Commission Department of Revenue		Presented
3	Presentation on Florida PALM by the Department of Financial Services		Presented
4	Presentation on Florida Water and Wastewater Infrastructure by the Florida Water Environment Association Utility Council		Presented
Other Related Meeting Documents			

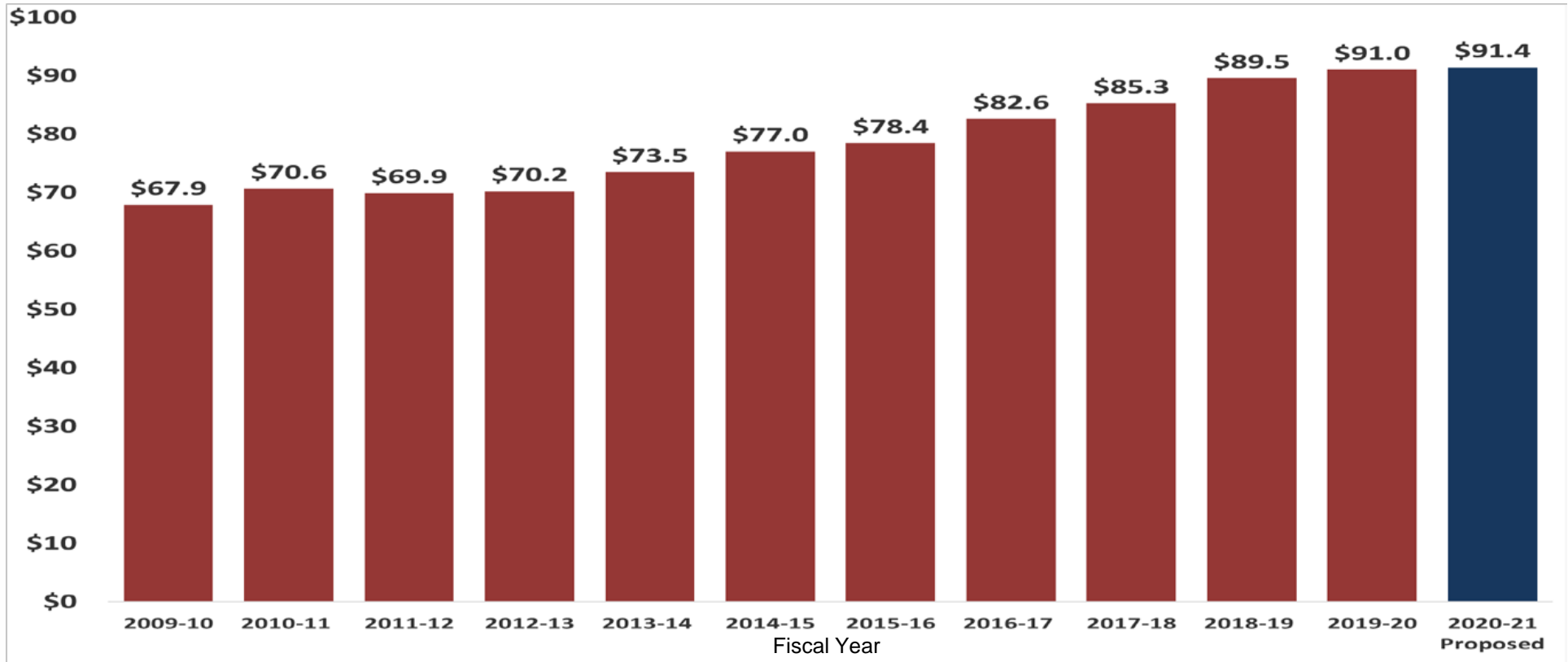
GOVERNOR RON DESANTIS

**A BOLDER, BRIGHTER,  
BETTER FUTURE**



2020-2021 BUDGET & POLICY RECOMMENDATIONS

# Governor's Recommended Budget – Total Budget Fiscal Year 2020-21 \$ in Billions



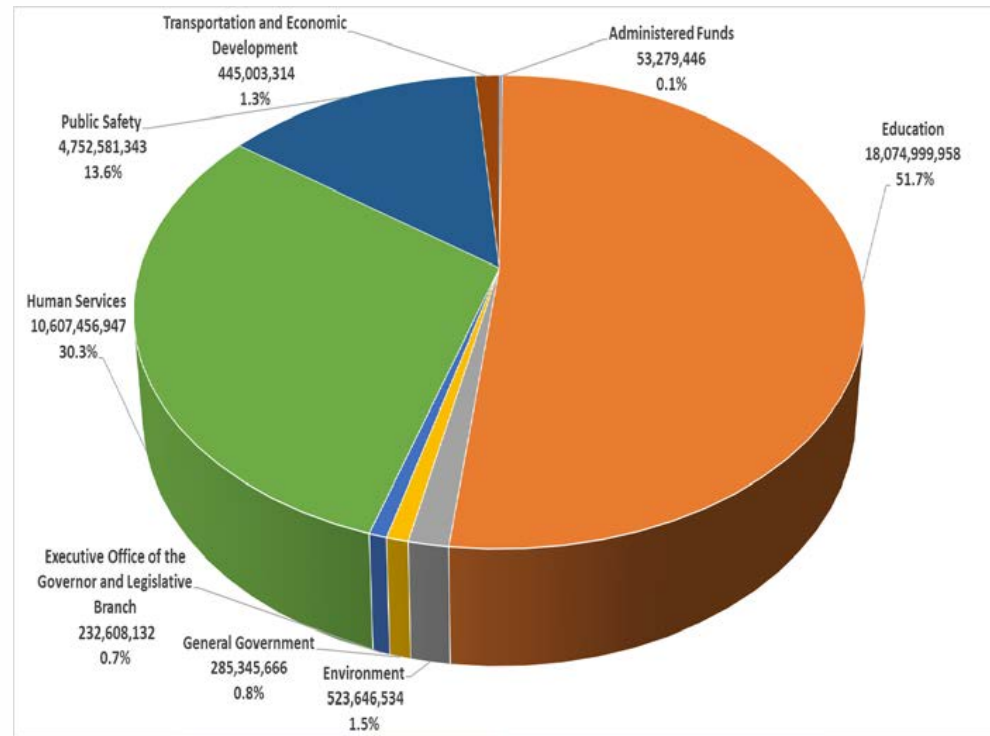
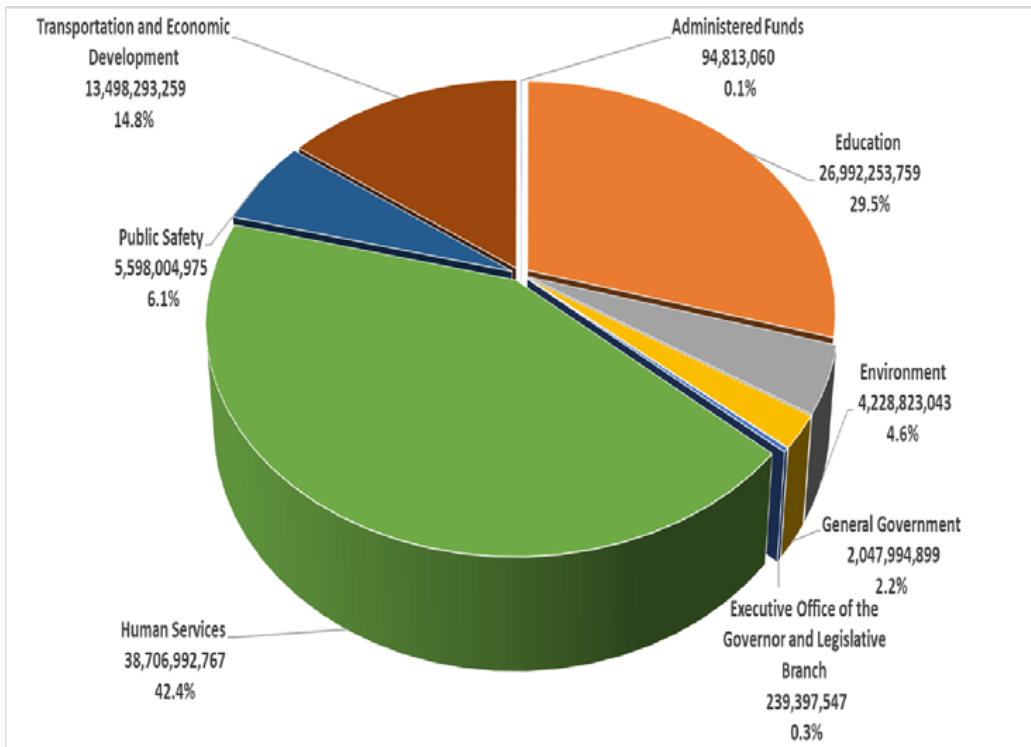
The proposed FY 2021 appropriations totaling \$91.4 billion are \$0.41 billion or 0.5% above FY 2020.



# Governor's Recommended Budget Fiscal Year 2020-21

Total Budget  
\$91.4 Billion

General Revenue  
\$35.0 Billion



**Health and Human Services represents the largest portion of the total budget and Education represents the largest portion of the General Revenue budget.**



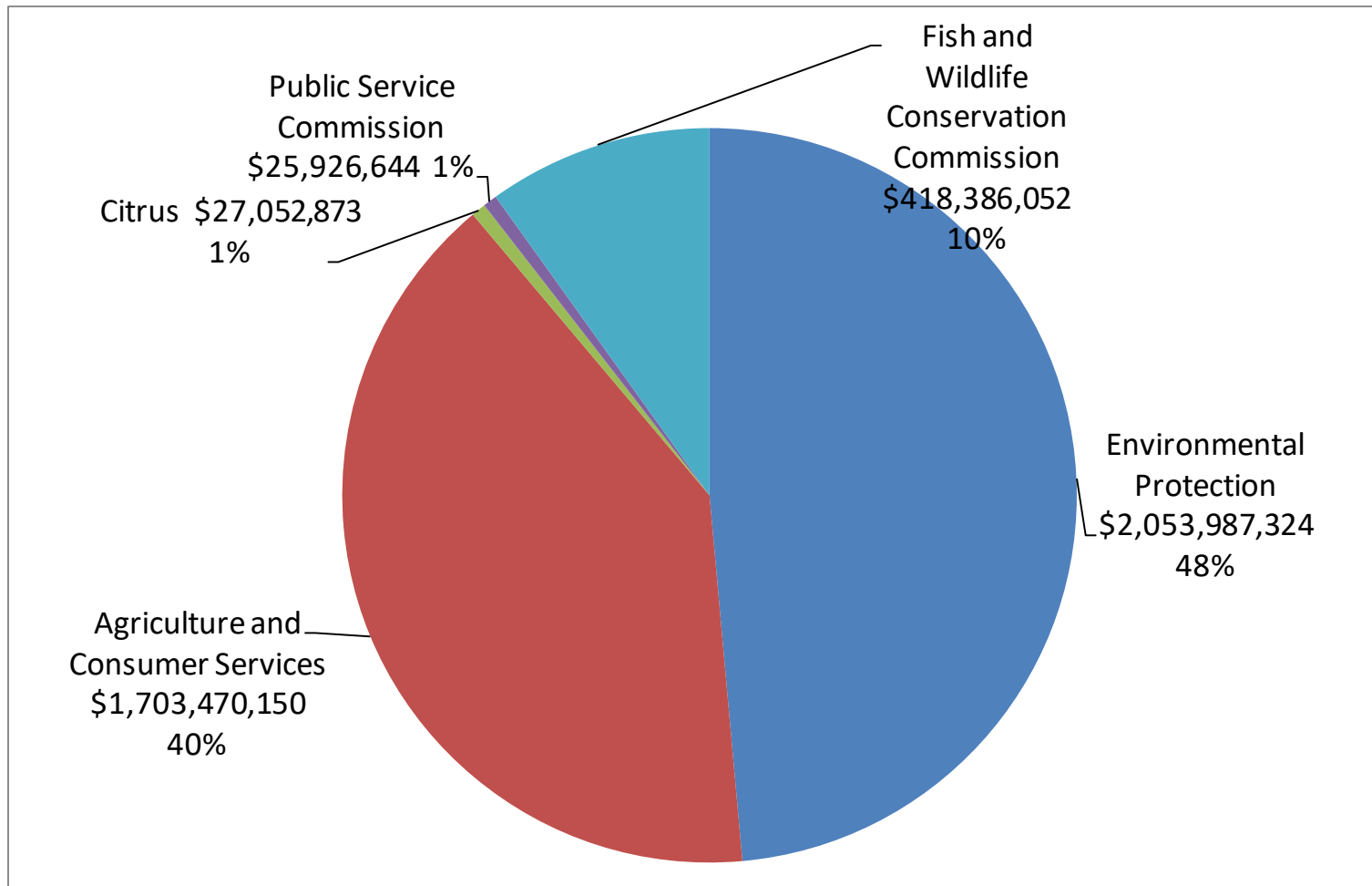


# Policy and Budget Recommendations

Department of Environmental Protection  
Fish and Wildlife Conservation Commission  
Department of Agriculture and Consumer Services  
Department of Citrus  
Public Service Commission



# Governor's Recommended Budget Fiscal Year 2020-21 Environment over \$4 Billion



# Recurring \$625M for Everglades and Protecting Water Resources

*\$2.5 billion over 4 years*

- **\$322 million** for Everglades Restoration
  - \$266 million for C-43 and EAA Reservoir
  - \$52 million for NEEP and Dispersed Water Storage
- **\$200 million** for Targeted Water Quality Improvements
  - \$15 million for St. Johns, Suwannee and Apalachicola Rivers
  - \$10 million for Coral Restoration
- **\$50 million** for Springs Restoration
- **\$40 million** for Alternative Water Supply
- **\$22.7 million for Blue-Green Algae and Red Tide**
  - \$10.8 million for Water Quality Enhancements and Accountability
  - \$10 million for Innovative Solutions to Blue Green Algal Blooms
  - \$1.9 million for the Center for Red Tide Research in FWC



## Investing in a Clean Environment

- **\$150 million** for the Cleanup of Contaminated Sites
  - \$125 million for Petroleum Tank Cleanup Projects
  - \$8.5 million for Dry Cleaning Site Cleanup
  - \$5.5 million for Hazardous Waste Cleanup
  - \$11 million for Cleanup of PFOA / PFOS
- **\$67.5 million** for Implementation of the \$166 million Volkswagen Mitigation Plan





## Protecting our Coasts and Lands

- **\$154 million** for Florida's Prized Properties
  - \$100 million for Florida Forever
  - \$54 million for State Park Enhancements
- **\$50 million** for Beach Projects
- **\$8.5 million** for Coastal Resiliency



## Other Issues

- **\$19.8 million** for Citrus Industry
  - \$8 million for Citrus Research
  - \$7.8 million for Citrus Health Response Program
  - \$4 million for Consumer Awareness
- **\$9.9 million** for Non-Native Species Removal, including
  - \$1 million for Python
  - \$1 million for Lionfish
- **\$1.9 million** and 2 dedicated positions for Red Tide Research Center



# Office of Policy and Budget

Kim Cramer  
Environmental Policy Coordinator

Secretary Noah Valenstein  
Department of Environmental Protection



**THE FLORIDA SENATE**  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12-11-19

Meeting Date

Bill Number (if applicable)

Topic Governor's Budget Recommendation

Amendment Barcode (if applicable)

Name Kim Cramer

Job Title Policy Coordinator

Address 400 South Monroe St Suite 1801

Phone 717-9508

Street

Tallahassee FL 32399

City

State

Zip

Email Kim.Cramer@laspbs.state.fl.us

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Governor's office of Policy & Budget

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

*While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.*

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S-001 (10/14/14)

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12/11  
Meeting Date

\_\_\_\_\_  
Bill Number (if applicable)

Topic Gov. DeSantis Budget Recs

\_\_\_\_\_  
Amendment Barcode (if applicable)

Name Noan Valenstein

Job Title Secretary

Address \_\_\_\_\_  
Street

Phone \_\_\_\_\_

City

State

Zip

Email \_\_\_\_\_

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing FL Dept. of Environmental Protection

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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\_\_\_\_\_  
Bill Number (if applicable)

Topic FDE P Budget

\_\_\_\_\_  
Amendment Barcode (if applicable)

Name Amy Datz

Job Title ~~FAO~~

Address \_\_\_\_\_  
Street

Phone 850 322-7599

City

State

Zip

Email amalielclatz@mac.com

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Environmental Caucus of FL

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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GOVERNOR RON DESANTIS

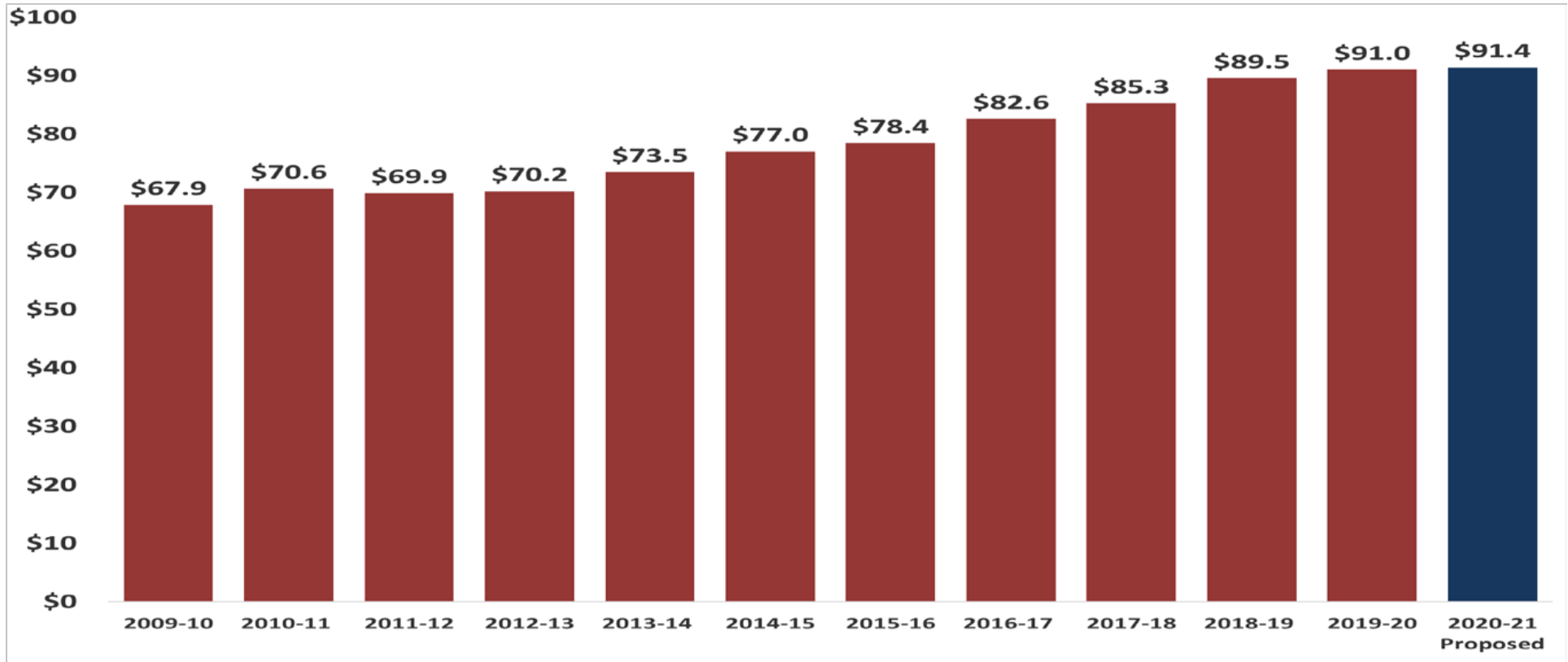
# A BOLDER, BRIGHTER, BETTER FUTURE

APPROPRIATIONS SUBCOMMITTEE ON AGRICULTURE,  
ENVIRONMENT AND GENERAL GOVERNMENT  
GENERAL GOVERNMENT



2020-2021 BUDGET & POLICY RECOMMENDATIONS

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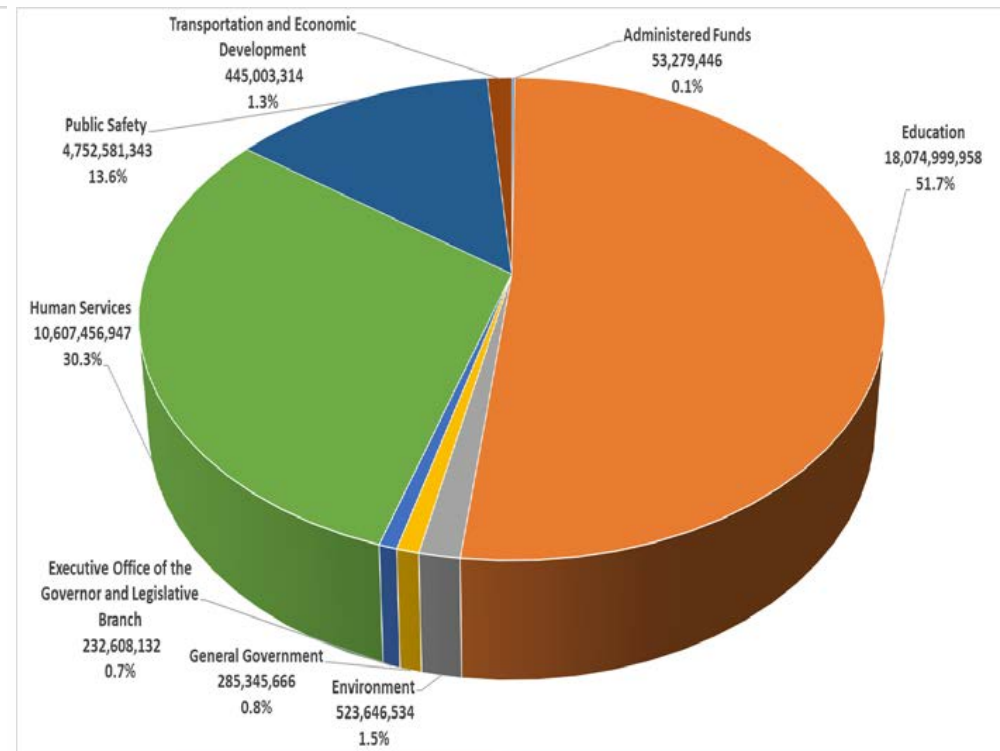
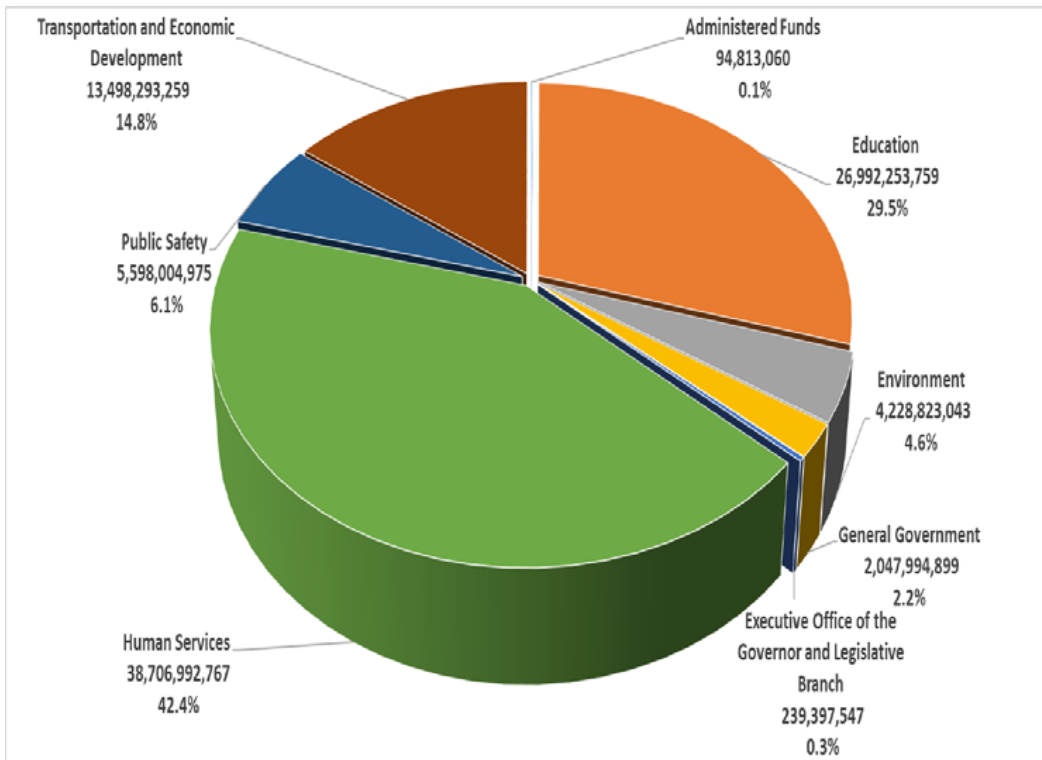




# Governor's Recommended Budget Fiscal Year 2020-21

Total Budget  
\$91.4 Billion

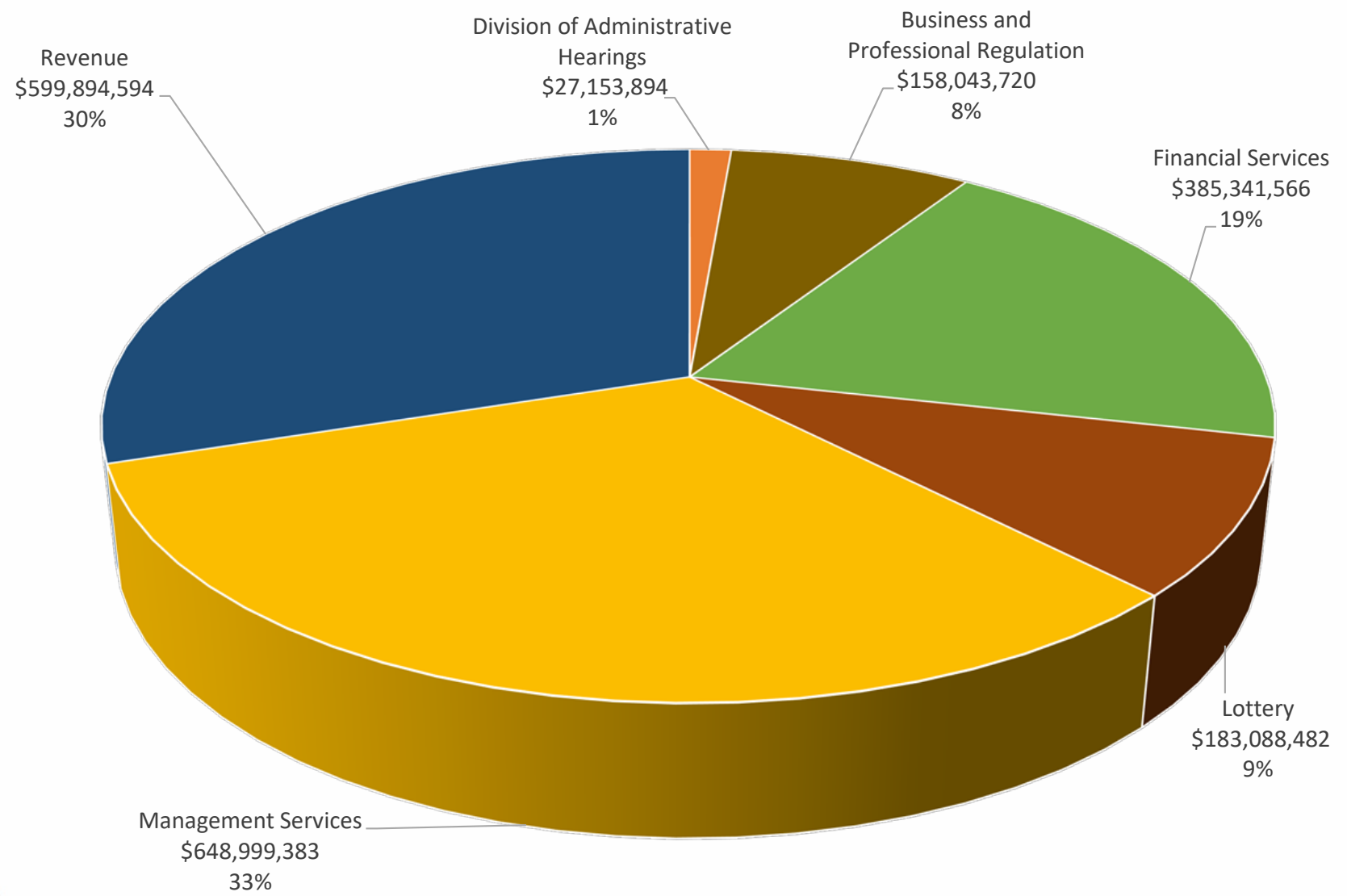
General Revenue  
\$35.0 Billion



Health and Human Services represents the largest portion of the total budget and Education represents the largest portion of the General Revenue budget.



# Governor's Recommended Budget Fiscal Year 2020-21 General Government \$2 billion



# Governor's Recommended Budget Compared to Current Year Appropriation

Department	Current Appropriation 2019-2020		Governor's Recommended Budget 2020-2021		Governor's Recommended Budget Over/(Under) Current Year	
	Total Budget	Positions	Total Budget	Positions	Total Budget	Positions
<b>Administrative Hearings</b>	\$ 27,095,302	240.00	\$ 27,153,894	240.00	\$ 58,592	0
<b>Business and Professional Regulation</b>	\$ 158,272,758	1,634.25	\$ 158,043,720	1,637.25	\$ (229,038)	3
<b>Financial Services</b>	\$ 408,398,302	2,576.50	\$ 385,341,566	2,574.50	\$ (23,056,736)	(2)
<b>Lottery</b>	\$ 200,744,181	418.50	\$ 183,088,482	418.50	\$ (17,655,699)	0
<b>Management Services</b>	\$ 678,606,395	1,048.50	\$ 648,999,383	1,045.50	\$ (29,607,012)	(3)
<b>Revenue</b>	\$ 594,057,178	5,029.75	\$ 599,894,594	5,019.75	\$ 5,837,416	(10)
<b>General Government Agencies</b>	<b>\$ 2,067,174,116</b>	<b>10,947.50</b>	<b>\$ 2,002,521,639</b>	<b>10,935.50</b>	<b>\$ (64,652,477)</b>	<b>(12)</b>



# Department of Business and Professional Regulation

\$158 million / 1,637.25 Full-Time Positions

Major Issues Funded	Amount
Implement and Facilitate Human Trafficking Awareness Training Program	\$236,787
Law Enforcement Training and Equipment	\$234,075
Reductions Achieved Through Operational Efficiencies	(\$926,333)



# Department of Lottery

## \$183 million / 418.5 Full-Time Positions

Major Issues Funded	Amount
Increase to Gaming System Contract	\$949,297
Information Technology Infrastructure Replacement	\$551,000
Contracted Services Funding for the Office of the Inspector General	\$200,000
Increase for Building Leases	\$124,001
Reduce Instant Ticket Payments Due to Contract Savings	(\$19 million)



# Department of Management Services

## \$648.9 million / 1,045.50 Full-Time Positions

Major Issues Funded	Amount
Florida Facilities Pool Maintenance and Repairs	\$10.2 million
Private Prison Facilities Maintenance and Repairs	\$1.5 million
Holocaust and Slavery Memorials	\$800,000
Building Automation System	\$500,000
Asset Management System Enhancements	\$932,000
Aging Facilities Infrastructure	\$1.8 million
Facilities Security and Service Contracts	\$400,000



## Department of Management Services (Continued)

Major Issues Funded	Amount
Prescription Drug Claims Verification	\$1 million
Dependent Eligibility Verification Audit	\$175,000
Retirement Contact Center	\$1 million
Data Catalog	\$850,000
E911 Regional Call Routing System	\$6 million



# Department of Financial Services

## \$385.3 million / 2,574.50 Full-Time Positions

Major Issues Funded	Amount
PALM (FLAIR replacement)	\$27 million
Information Technology Initiatives	\$3.8 million
Law Enforcement Funding	\$2.9 million
State Fire Marshal	\$1.5 million





Department of Revenue  
\$599.8 million / 5,019.75 Full-Time Positions

Major Issues Funded	Amount
Replacement of the Image Management System	\$3.7 million
E-Services Taxpayer Portal	\$3 million
Fiscally Constrained Counties	\$31.3 million
Increase in Emergency Distributions to Small Counties	\$900,000
Reductions Achieved Through Efficiencies	(\$1.5 million)



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**APPEARANCE RECORD**

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12-11-19

Meeting Date

Bill Number (if applicable)

Topic Governor's Bolder Brighter Better Future Budget Amendment Barcode (if applicable)

Name Lauree Grasel

Job Title Policy Coordinator

Address 1801 The Capitol  
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Tallahassee  
City State Zip

Email lauree.grasel@lasplss.state.fl.us

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Governor's office of Policy + Budget

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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S-001 (10/14/14)

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12/11/2019  
Meeting Date

\_\_\_\_\_  
Bill Number (if applicable)

Topic Governor's (DBPR) Budget Recs

\_\_\_\_\_  
Amendment Barcode (if applicable)

Name Halsey Beshears

Job Title Secretary, DBPR

Address 2001 Blair Stone Road

Phone (850) 487-4827

Street  
Tallahassee FL 32399  
City State Zip

Email halsey.beshears@sunshine.license.com

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing DBPR

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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Meeting Date \_\_\_\_\_ Bill Number (if applicable) \_\_\_\_\_

Topic Governor's Recommended Budget Amendment Barcode (if applicable) \_\_\_\_\_

Name Randall Hunt

Job Title Secretary, Lottery

Address 250 Myrtle St Drive Phone 813 220 0892  
Street

Palm Beach FL 33401 Email \_\_\_\_\_  
City State Zip

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
*(The Chair will read this information into the record.)*

Representing FLORIDA LOTTERY

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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12/11/2019

Meeting Date

Bill Number (if applicable)

Topic Governor Desantis' recommended Budget

Amendment Barcode (if applicable)

Name Tami Fillyaw

Job Title Chief of Staff

Address 4050 Esplanade Way  
Street

Phone (850) 922-6535

Tallahassee FL 32399  
City State Zip

Email Tami.Fillyaw@dms.myflorida.com

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Dept. of Management Services

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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S-001 (10/14/14)

# Florida **PALM**

Planning, Accounting, and Ledger Management



# FLORIDA PALM PROJECT

APPROPRIATIONS SUBCOMMITTEE ON AGRICULTURE,  
ENVIRONMENT AND GENERAL GOVERNMENT  
DECEMBER 11, 2019



FloridaPalm  
Planning, Accounting, and Ledger Management

# Overview of Current Systems

- ▶ Florida PALM Project was established in 2014 to replace the state's legacy accounting and cash management systems
  - Florida Accounting Information Resource (FLAIR) provides accounting resources to State agencies
  - Cash Management System (CMS) is used to manage cash funds
- ▶ Florida has grown beyond the capabilities of current technology
- ▶ Florida PALM will be a single, integrated financial management solution





# Pilot Organizations – 2021 Implementation

Florida **PALM**  
Planning, Accounting, and Ledger Management

## Introducing the five Pilot organizations:



Florida **PALM**  
Planning, Accounting, and Ledger Management

Phase 1

90 Months

Pilot

56 Months

8/2020: Ready for Interface and Conversion Testing

2/2021: Ready for User Acceptance Testing

6/2021: Ready to Deploy

Solution Confirmation

9 Months

Initial Functionality (Select organizations)

A focus will be placed on readiness activities for the next waves

Wave 1

15 Months

Initial Functionality (1/2 organizational users)

Wave 2

15 Months

Initial Functionality (1/2 organizational users)

Wave 3

21 Months

Payroll functionality (all organizations)

Phase 2

21 Months

Remaining functionality (all organizations)

Production Support

72 Months

Go-live

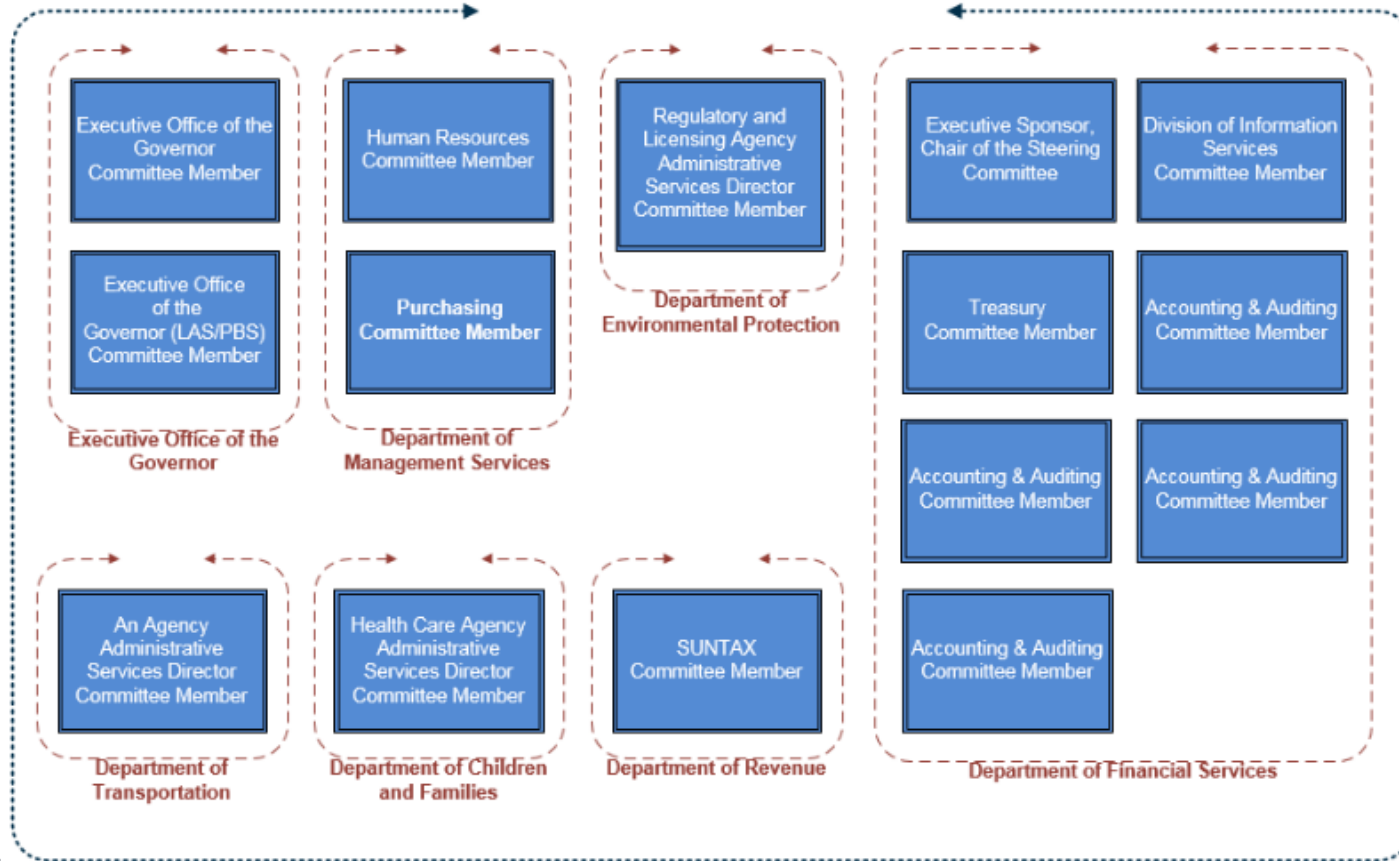


# Timing Considerations

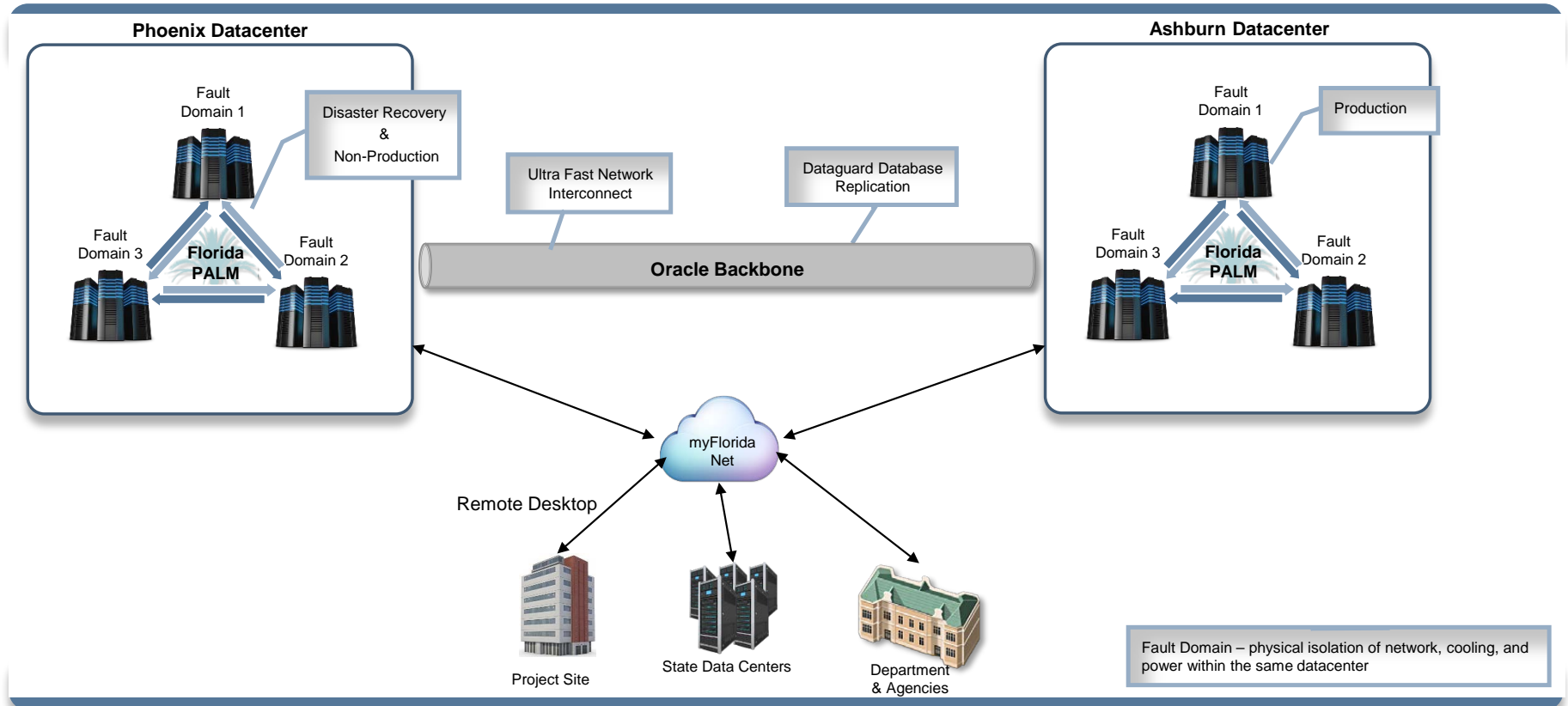
- ▶ Go/No-Go decision points are an opportunity for pause to assess progress against planned activities
- ▶ As statewide initiative, readiness of organizations will be discussed frequently
- ▶ Collaborative discussion of organizations progressing at different rates
- ▶ Mitigating factors will be reviewed for challenges
- ▶ Schedule and/or scope alternatives may need to be evaluated



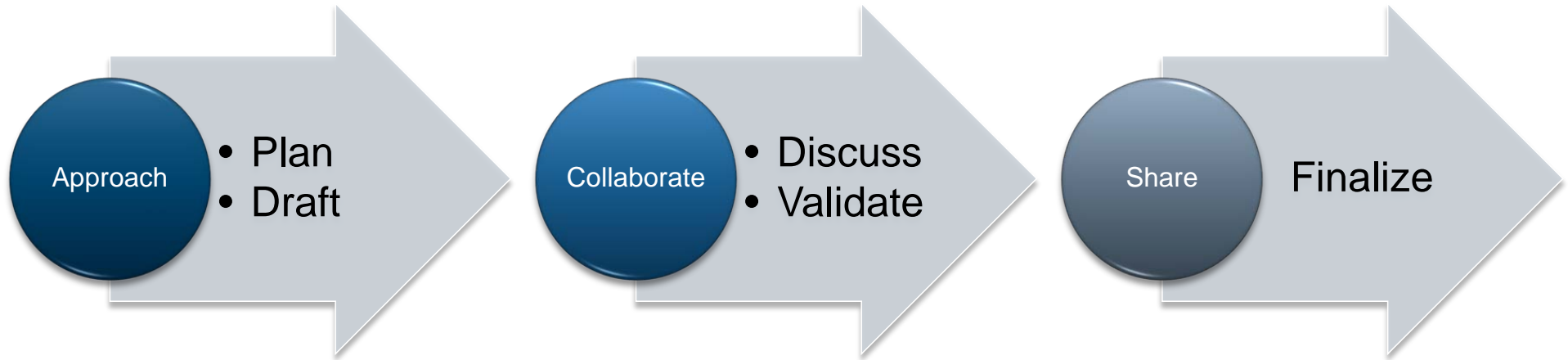
# Executive Steering Committee



# Solution Architecture

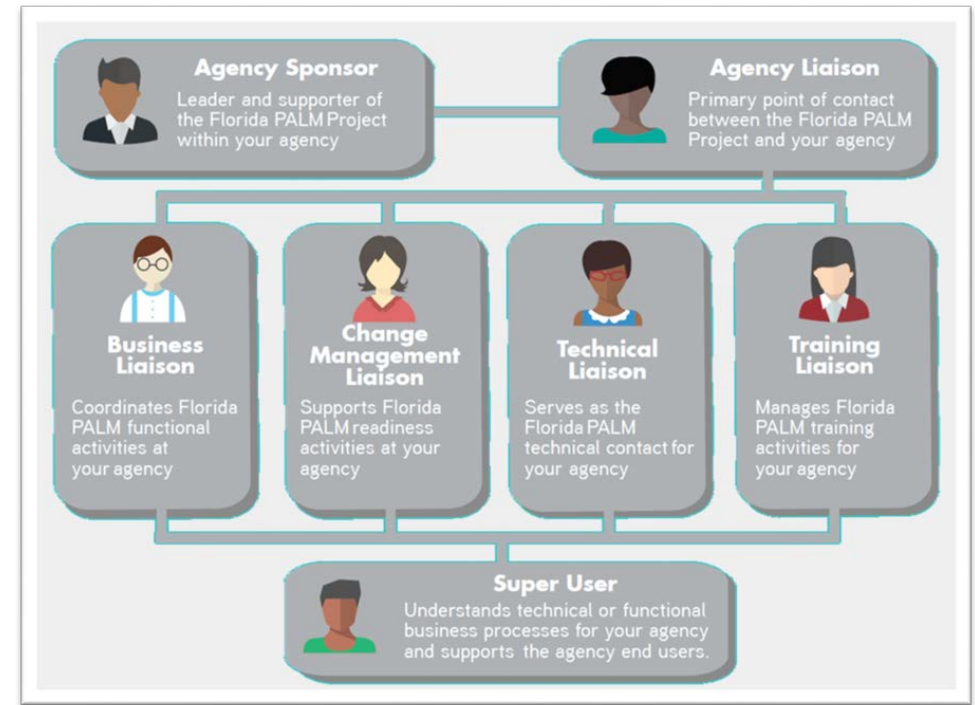


# Communication and Engagement Activities



# Communication and Engagement Activities

- ▶ Change Champion Network
  - Primary channel for communication between organizations and the Project
  - Provides internal support for organizations
- ▶ Frequent touchpoint meetings with Pilot, Wave, and FFMIS partners
- ▶ Communication packages, presentations, posters, flyers, postcards



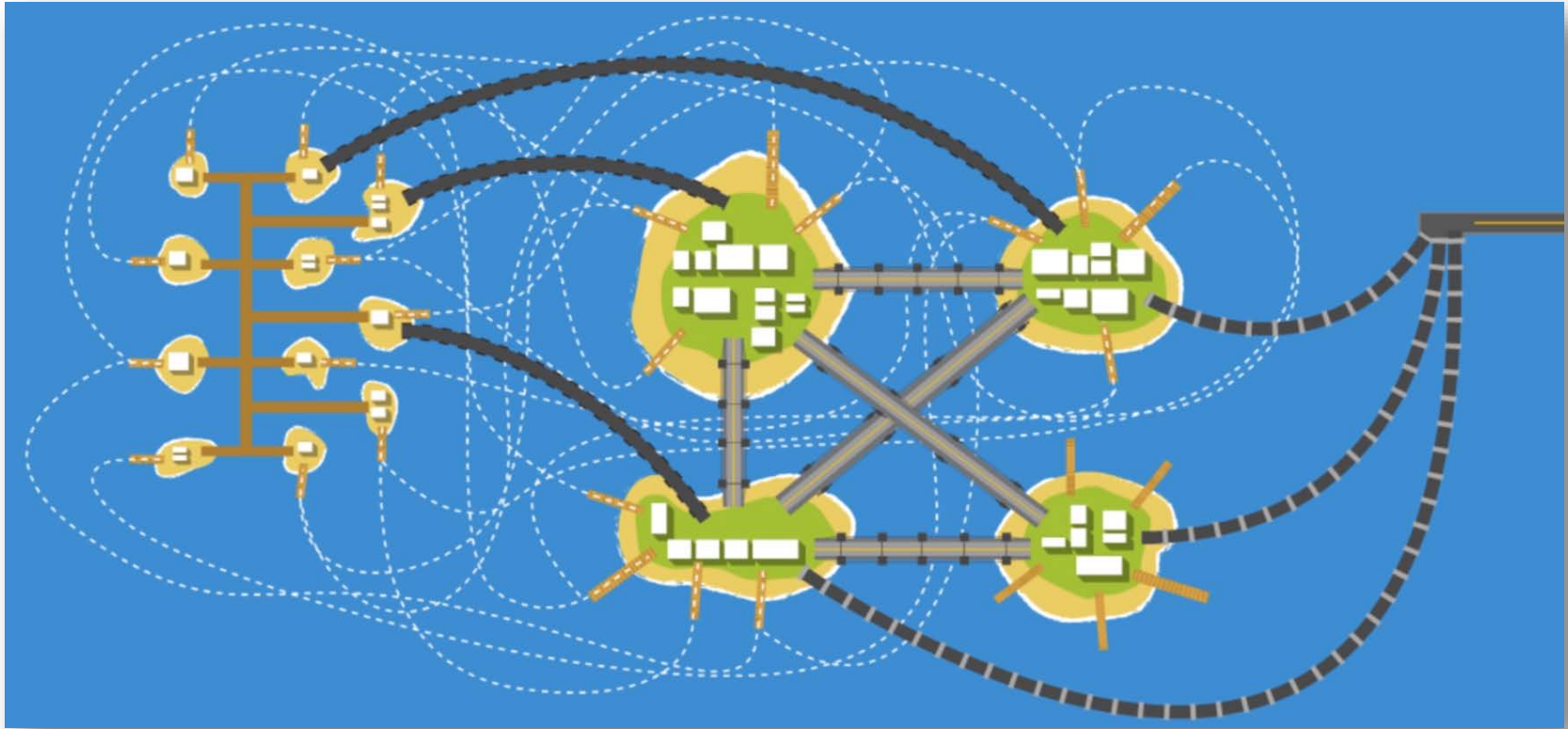
# Communication and Engagement Activities

- ▶ Representative Agencies Workgroups
- ▶ All Agency Confirmation sessions
- ▶ Organizational Readiness Survey
- ▶ CCN Town Hall
- ▶ Chart of Account Design working sessions





# Interface Connections



# Testing Before Implementation

Unit Test

Regression Test

Security Test

System Test

Mock Conversion Test

Penetration Test

Interface & Integration Test

User Acceptance Test

Performance Test

Parallel & Comparison Test

Operational Readiness Test

Disaster Recovery Test

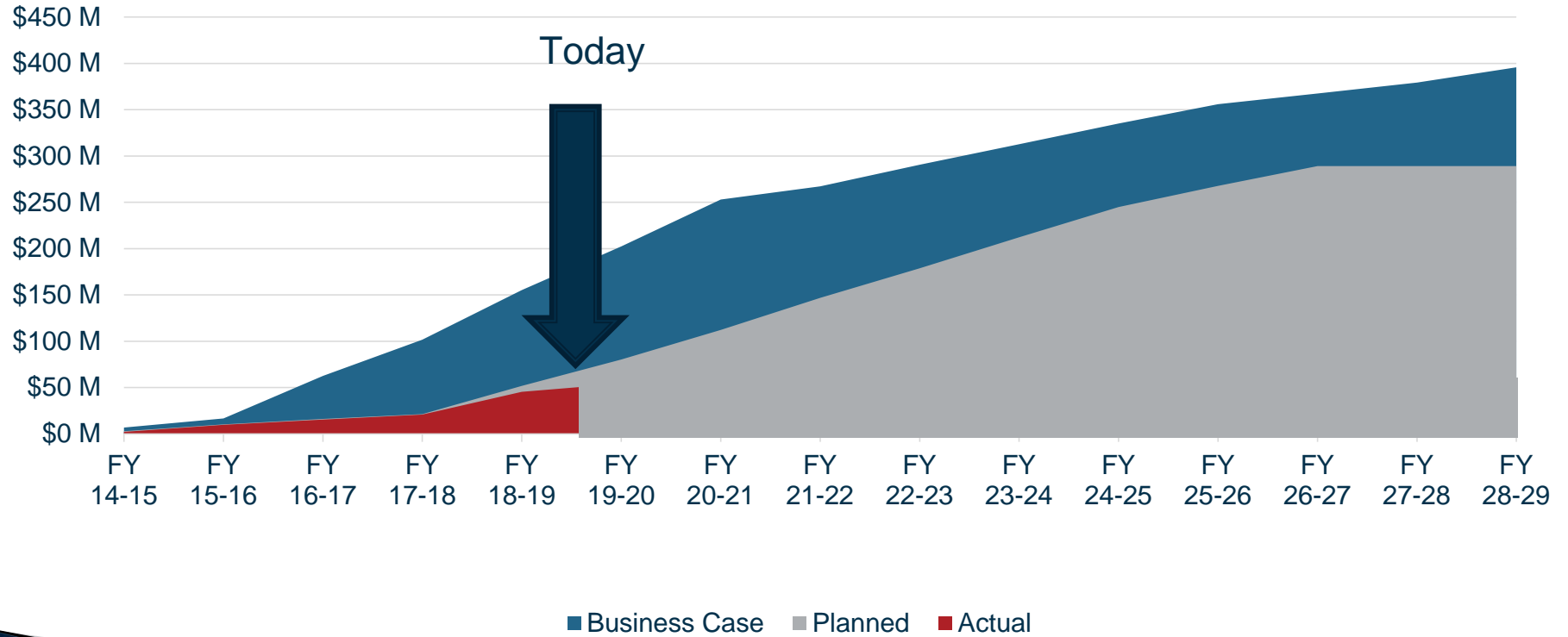


# Budget Request for FY 2020-21

- ▶ Legislative Budget request for FY 2020-21: \$33.4 M
  - Special Category: \$26.4 M
    - Contract for software and integrator services: \$22.7 M
    - Project administration, additional contract support services including independent verification and validation: \$3.7 M
  - Salaries & Benefits for 61 full-time employees: \$7 M



# Total Project Funding Estimate



# PALM Recommended Statutory Changes

- ▶ Proviso directed DFS to submit by November 1, 2019, final recommendations by the PALM Executive Steering Committee and draft legislation for any statutory changes needed to implement PALM
- ▶ 12 Recommendations included, among others:
  - Replacing references to FLAIR and CMS with Financial Management Subsystem
  - Removing references to FFMIS Board and Coordinating Council, Strategic Task Force to Replace Financial and Cash Management Systems
  - Updating Definitions and Descriptions
  - Modifying prescribed method for retaining documents and records



# Upcoming Activities

- ▶ Non-Production Infrastructure
- ▶ Interim Business Process Models
- ▶ Interfaces, Conversions, and Reports for Pilot Implementation
- ▶ Training Needs Assessment



# Embrace the Journey

**Florida PALM**  
Planning, Accounting, and Ledger Management

# CONTACT INFORMATION

DFS LEGISLATIVE AFFAIRS

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PROJECT WEBSITE

[WWW.MYFLORIDACFO.COM/FLORIDAPALM/](http://WWW.MYFLORIDACFO.COM/FLORIDAPALM/)





**THE FLORIDA SENATE**  
**APPEARANCE RECORD**

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12/11

Meeting Date

Bill Number (if applicable)

Topic Florida PALM Presentation

Amendment Barcode (if applicable)

Name Melissa Turner

Job Title Project Director of Florida PALM

Address 1650 Summit Lake Dr., Suite 200

Phone (850) 413-2890

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Tallahassee

FL

32317

City

State

Zip

Email Melissa.Turner@myfloridacfo.com

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Department of Financial Services

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

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S-001 (10/14/14)

# Wastewater Asset Overview

**Todd Swingle, P.E.**

Toho Water Authority, Executive Director  
FWEA Utility Council, Board Member

Senate Appropriations Subcommittee on Agriculture,  
Environment, and General Government

**December 11, 2019**



bringing you life's  
most precious resource

# INTEGRATED SOLUTIONS

DOMESTIC  
WASTEWATER

SEPTIC  
SYSTEMS

STORMWATER

YARDS AND  
FERTILIZER

AGRICULTURE

ATMOSPHERIC  
DEPOSITION

MUCK / OTHER  
ACCUMULATION



**TO A COMMON OBJECTIVE**

# ASCE INFRASTRUCTURE REPORT CARD - WASTEWATER



CAPACITY



FUTURE  
NEED



RESILIENCE



CONDITION



OPERATE &  
MAINTAIN



INNOVATION

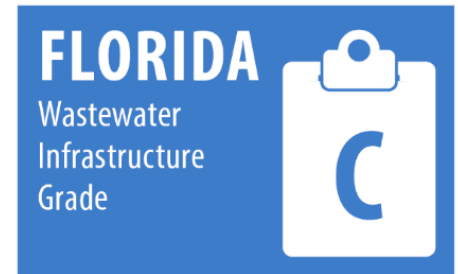
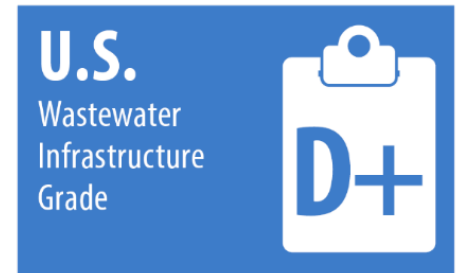


FUNDING



PUBLIC  
SAFETY

- **3,700** wastewater treatment facilities
- **1/3** of Florida's population is served using septic tanks
- Over **1,900** impaired water body segments throughout the State
- Florida is a National Leader in reuse
- Population growth, aging infrastructure and a sensitive ecological environment are increasing the need to invest more **\$\$\$** in our infrastructure



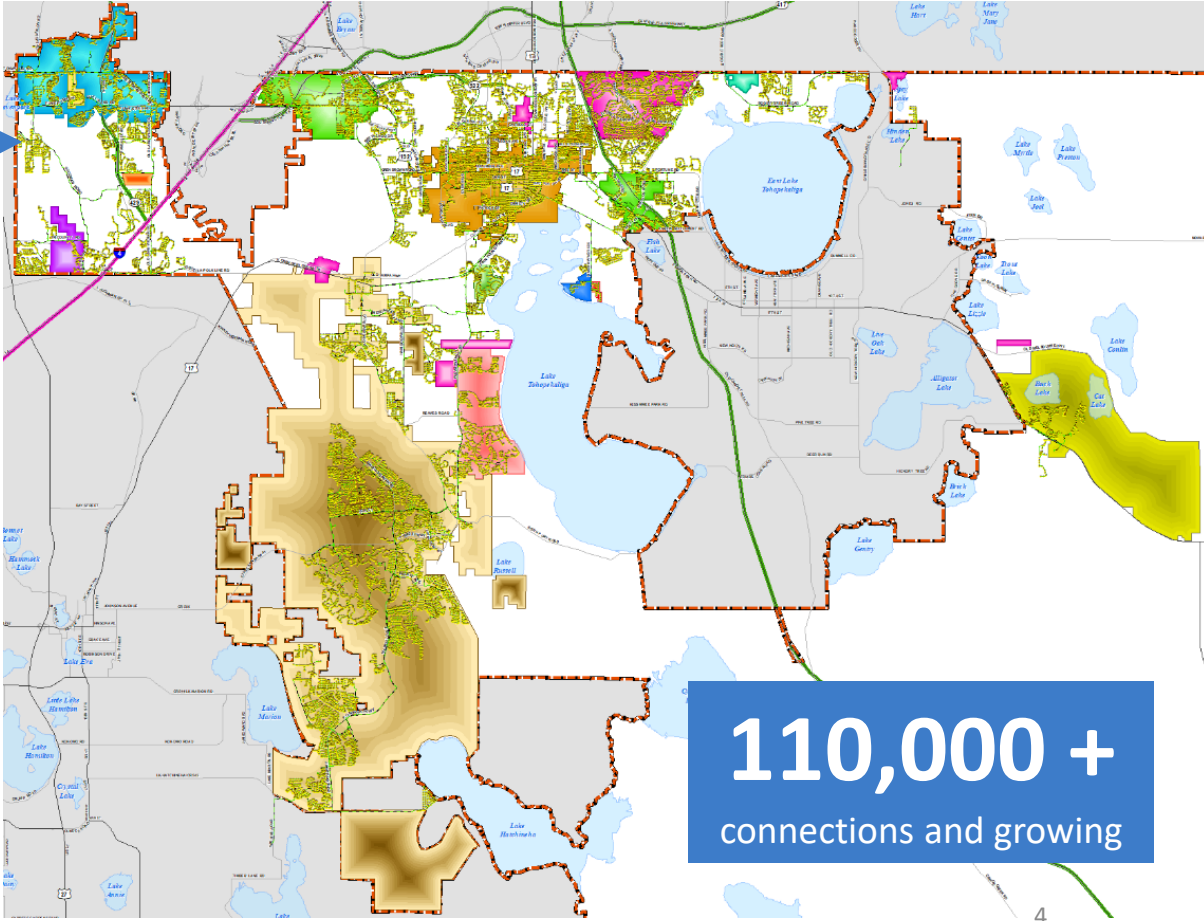
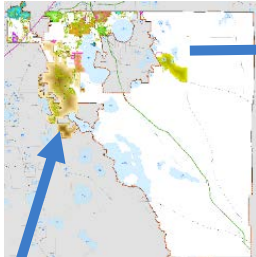
# TOHO BY THE NUMBERS

## OUR WASTEWATER ASSETS

- Gravity mains - 939 miles
- Force mains - 330 miles
- Manholes - 23,632
- Lift stations - 427
- Valves - 2,163

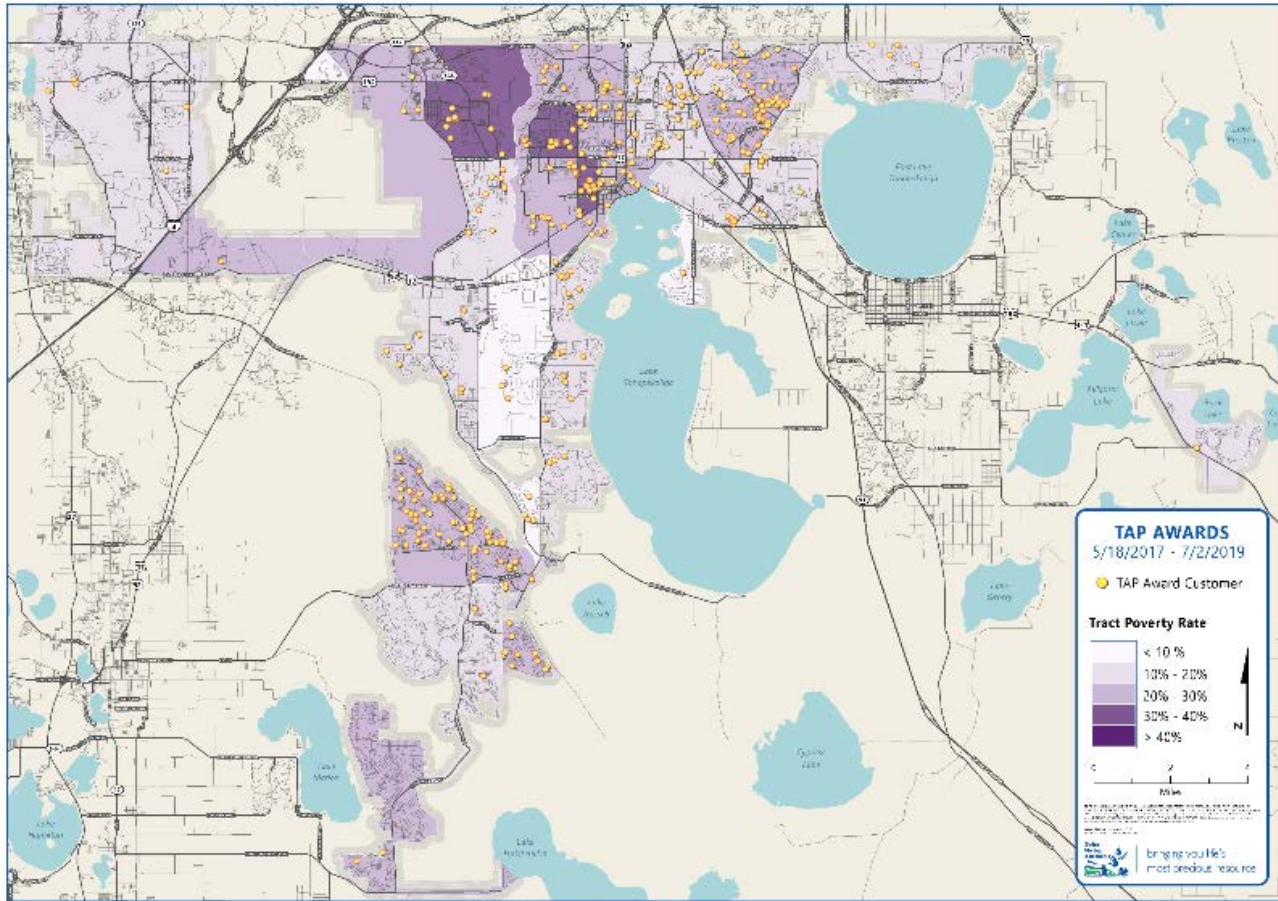


## Osceola County



**110,000 +**  
connections and growing

# UTILITY MANAGEMENT - A BALANCING ACT



**COMMUNITY**



**WATER RESOURCES**

Moody's: Aa2  
Fitch: AAA  
S&P: AA+  
**FINANCIAL**



**INFRASTRUCTURE**

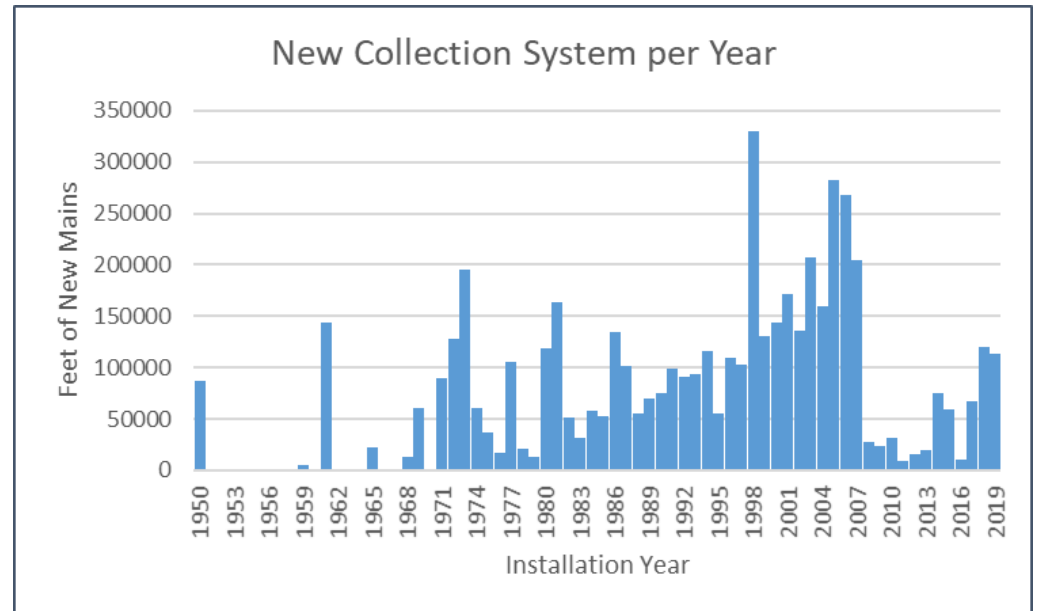
# THE ASSET PLANNING CHALLENGE

## EVERY PLANNING YEAR IS DIFFERENT

- Growth trends
- System acquisition and mergers
- Asset lifecycles vary – years to many decades
- Major projects – treatment plants
- Success of maintenance programs

## ASSET MANAGEMENT PLANNING SUCCESS

- Goal driven
- Forward looking, long view
- Actionable
- Adaptable
- Documented





**BUILD**



**OPERATE**



**MAINTAIN**



**REACT**



**REHAB**



**ASSESS**

# THE ASSET CYCLE





**WIFIA**  
PROGRAM

## PRIORITIZE

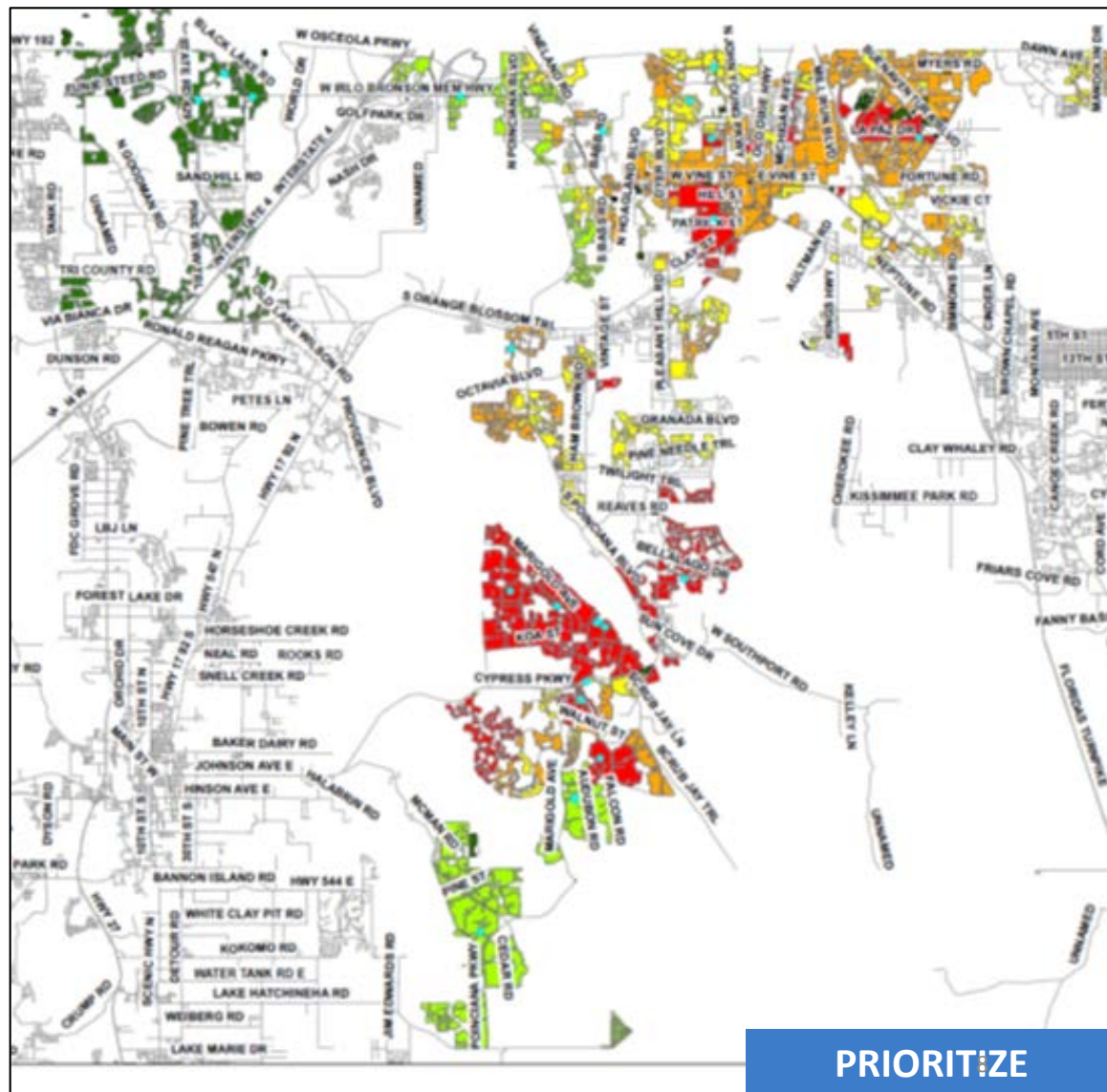
- Probability
  - I&I, Failure Rate, SSOs
- Consequence
  - Impact (Environment, People, \$)
  - Depth (> 10' deep)

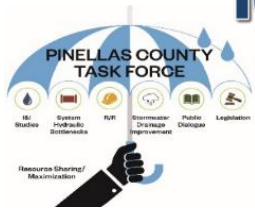
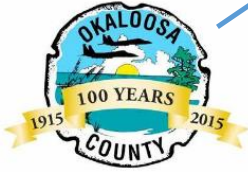
## ASSESS

- 75 miles
- 8500 manholes

## ACCELERATE

- \$81 million
  - 49% WIFIA loan proceeds
  - 51% Toho operating revenues
- Complete in 5 years

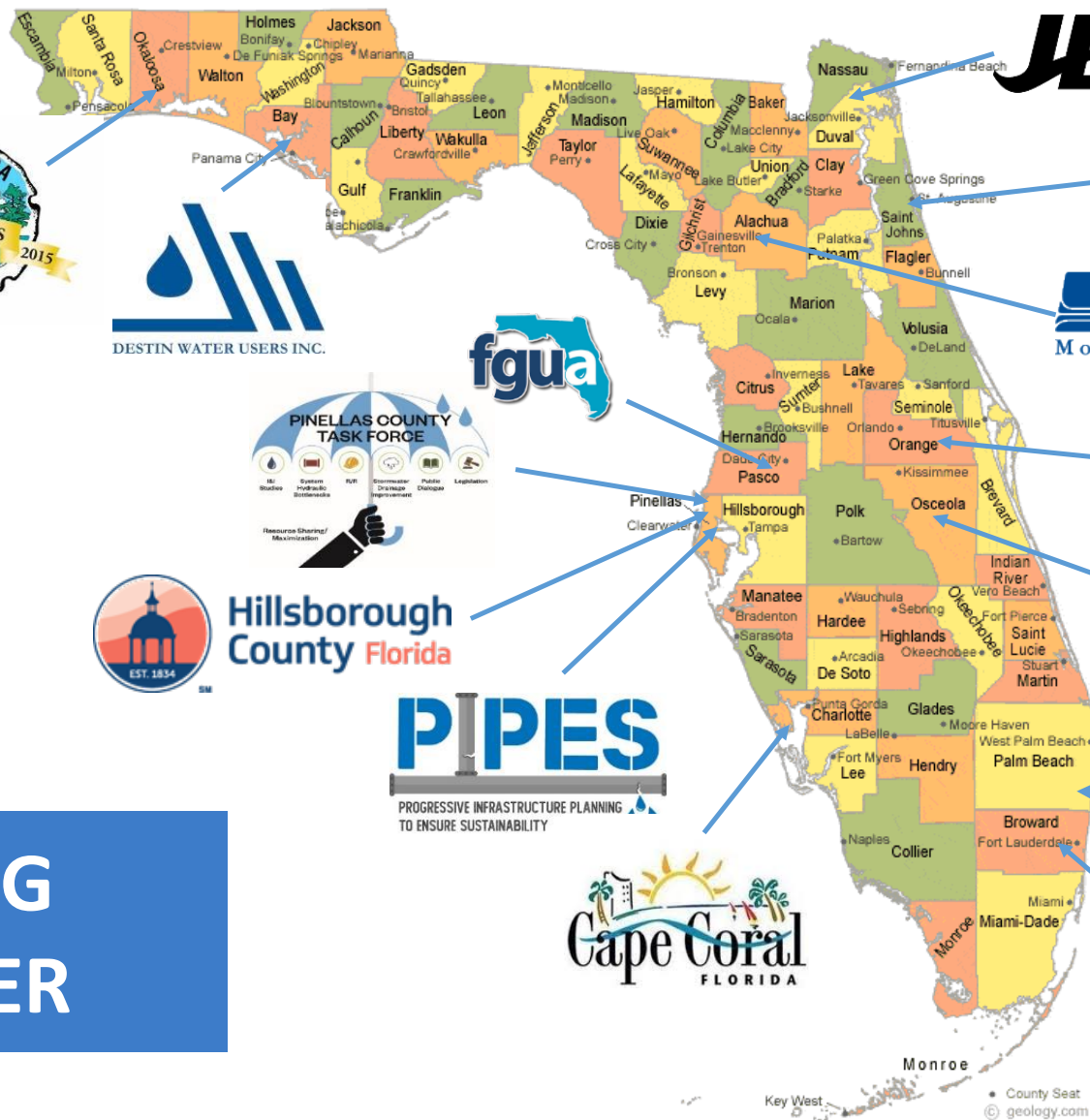




Hillsborough County Florida



WORKING TOGETHER



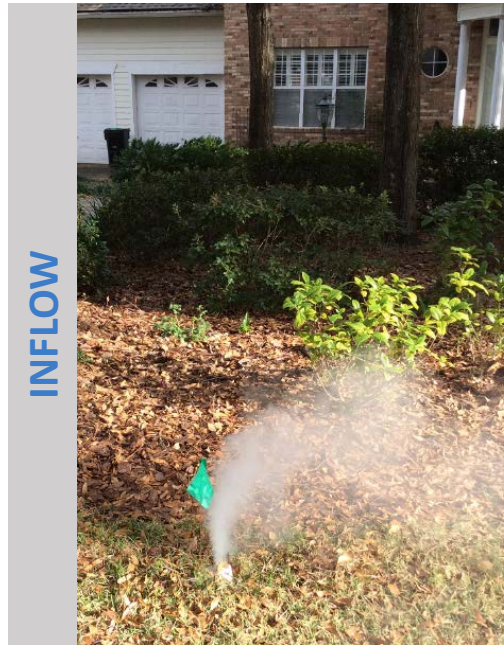
# PERFORMANCE IMPACTS - BEYOND THE PIPES

## EXTERNAL FACTORS

- Customer Behaviors
- Third Party Impacts – Utility Hits
- Stormwater Management / Flooding

## PATHWAYS TO SUCCESS

- Education / Engagement
- Managing Third Party Impacts
- Integrated Planning

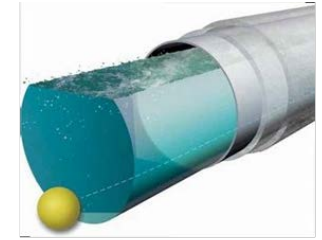


# ADVANCING TECHNOLOGY

OPERATIONS

ASSESSMENT

REHABILITATION



SmartBall Acoustic



Satellite Leak Detection



# THE ASSET MANAGEMENT SOLUTION

## ASSET MANAGEMENT APPROACH

- Demonstrated history of success
- Many approaches
- One-size fits all not viable

## EFFECTIVE PROGRAMS INCLUDE

- Capacity Planning
- Operations (Incl. Emergency Response)
- Maintenance
- Assessment
- Rehabilitation and Replacement

## PARTNERSHIPS AND INTEGRATED PLANNING



# SUMMARY

Protecting public health & environment is our core business

## WASTEWATER UTILITY CHALLENGES

- Number of connections & system size
- Managing growth
- Customer activities
- Aging infrastructure rehab & replacement
- Septic to sewer programs
- Long planning horizon



bringing you life's  
most precious resource

## **Contact Information**

Todd Swingle, P.E.  
Toho Water Authority, Executive Director  
FWEA Utility Council, Board Member  
[tswingle@tohowater.com](mailto:tswingle@tohowater.com)



# Protecting Florida's Clean Water Environment



P.O. Box 10755  
Tallahassee, Florida 32302





(850) 425-3428  
www.fweauc.org

## Examples of Florida Wastewater & Water Utility Infrastructure Investment Programs

<p><b>PIPES</b> PROGRESSIVE INFRASTRUCTURE PLANNING TO ENSURE SUSTAINABILITY</p>	<p><b>Tampa 20-Year Water and Wastewater Program \$2.88 Billion Total</b></p> <ul style="list-style-type: none"> <li>Sewer: \$1.37B to replace/renew gravity pipes, force mains, pump stations, and treatment plant facilities – identified 735 miles and grouped into Priority 1 and Priority 2             <ul style="list-style-type: none"> <li>First 5 Year Estimated Construction Budget Priority 1: \$79,900,000.</li> <li>Next 5 Year Estimated Construction Budget Priority 2: \$47,390,000</li> <li>Next 3.5 years, Neighborhood projects @\$200M</li> </ul> </li> <li>Water: \$1.51B to replace 500 miles of water mains and upgrade a 95-year-old 140 MGD WTP             <ul style="list-style-type: none"> <li>Next 5 Year construction @\$254M</li> </ul> </li> </ul>
<p><b>PINELLAS COUNTY TASK FORCE</b></p>	<p><b>Pinellas County 182 Wastewater &amp; Stormwater Projects \$180 Million Capital Improvements &amp; \$494 Million Operating Expenses</b></p> <ul style="list-style-type: none"> <li>24 Municipalities (306,495 sewer customers, 12 WWTPs, total 155 MGD)</li> <li>Sewer: \$141M Capital / \$400M Operating Expenses</li> <li>Storm water: \$39M Capital / \$94M operating             <ul style="list-style-type: none"> <li>51 I&amp;I studies, 18 Hydraulic Bottlenecks, 31 R&amp;R, 82 Storm drain improvements</li> </ul> </li> </ul>
<p><b>DESTIN WATER USERS INC.</b></p>	<p><b>Destin Water Users Water &amp; Wastewater Improvements \$17.4 Million over next 5 years</b></p> <ul style="list-style-type: none"> <li>Sludge Process Upgrades - \$1.5M</li> <li>Gravity Sewer &amp; Pressure Pipe Investigation and Repair Program - \$5M</li> <li>Lift Station SCADA Upgrade - \$900K</li> <li>Reclaimed Water Expansion - \$3.5M</li> <li>New Well and Storage Tanks – \$6.5M</li> </ul>
<p><b>Cape Coral FLORIDA</b></p>	<p><b>City of Cape Coral Rehabilitation of 30 Upper Floridan Supply Wells \$3.2 Million over next three years</b></p> <ul style="list-style-type: none"> <li>Rehab of wells – some have been in service for 43 years.</li> </ul>
<p><b>GRU</b> More than Energy</p>	<p><b>Gainesville Regional Utilities Water and Wastewater R&amp;R Project \$110 Million over next 5 years</b></p> <ul style="list-style-type: none"> <li>Wastewater System Improvements - \$73M</li> <li>I&amp;I Evaluation/Assessment - \$2M</li> <li>Water System Improvements - \$35M</li> </ul>



  <p><b>INNOVATIVE SUSTAINABLE INFRASTRUCTURE PROGRAM</b></p>	<ul style="list-style-type: none"> <li>• <b>City of Boca Raton Innovative Sustainable Infrastructure Program – Water, Wastewater, Stormwater, and Road improvements \$160 Million over next 20 years</b> <ul style="list-style-type: none"> <li>• Projects identified based on a comprehensive inventory and assessment program of distribution and collection systems</li> <li>• Six comprehensive neighborhood projects including water &amp; sewer upgrades/replacements @ \$45M for next 5 years</li> <li>• Additional projects have been identified, water &amp; sewer upgrades/replacements @ \$115M over 15 years thereafter.</li> <li>• Ongoing proactive sewer main and manhole lining program @ \$2M each year</li> <li>• Ongoing proactive lift station rehabilitation program @ \$1.2M each year</li> </ul> </li> </ul>
 	<ul style="list-style-type: none"> <li>• <b>St. John's County Utility Department Wastewater Reinvestment Program and Improvements \$24 Million over next 4 years</b> <ul style="list-style-type: none"> <li>• Pointe Verdra Capital Reinvestment Program @ \$10M, small utility will address manhole, lift station, and sewer main R&amp;R</li> <li>• Lift Station Proactive R&amp;R Improvement Program @ \$10M – 40 critical lift stations</li> <li>• Continuous Manhole Inspection and Repair Program @ \$1M a year</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Orange County Wastewater R &amp; R Programs \$110 Million over next five years</b> <ul style="list-style-type: none"> <li>• Gravity R&amp;R @ \$20M, addresses 1,300 miles of gravity mains (45 miles out of 115 identified have been lined since 2015)</li> <li>• Pump Station R&amp;R @ \$55M, to address 100 out of 800 pump stations (46 rehabs completed since 2015)</li> <li>• Force Main R&amp;R @ \$35M, to inspect, test, and evaluate 60 miles of force mains and prioritize for replacement (8 miles completed to date)</li> </ul> </li> </ul>
 	<ul style="list-style-type: none"> <li>• <b>Broward County On-Site Energy Production ~ \$665 Million over approximately 35 years by 2030</b> <ul style="list-style-type: none"> <li>• From 1993 to around 2013 - Our original Broward County Neighborhood Improvement Program (NIP) was a partnership between several county agencies to upgrade roads, sidewalks, stormwater, sewer, drinking water, as well as perform septic tank conversions. Broward County invested over \$743 million of which \$388M_ was sewer and water specific (enterprise funds). General fund was used for roads, sidewalks, and stormwater.</li> <li>• In 2009 (there was some overlap between programs) we kicked off a newer Local Utilities Program that focused entirely on sewer and water upgrades in our retail system (Utility Analysis Zones). This program will upgrade areas the NIP did not reach. The total cost estimate for these improvements is nearly \$275M by 2030.</li> <li>• Cogeneration Plant - Design and Construction Management \$2.9M, Construction \$15.2M</li> </ul> </li> </ul>
 <p><b>Hillsborough County Florida</b></p>	<ul style="list-style-type: none"> <li>• <b>Hillsborough County Public Utilities \$7 Million - \$11 Million per year</b> <ul style="list-style-type: none"> <li>• Countywide Wastewater Pump Station R&amp;R typically funded at \$5M/year</li> <li>• Countywide Wastewater Force Main R&amp;R funded at between \$1-3M/year</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Countywide Water Transmission Distribution Line R&amp;R \$1-3M/year</li> </ul> <p><b>FGUA - Wastewater Collection System Lining &amp; Rehabilitation 2.7 Million</b></p> <ul style="list-style-type: none"> <li>• Aloha Gardens Wastewater System lining and rehabilitation</li> </ul>
	<p><b>JEA Capital Program for Water/Wastewater Systems \$200 Million</b></p> <p>JEA maintains an ~\$200M annual capital program for its water/wastewater system, which is currently funded on a pay/go (no new debt) basis. Some key program areas highlights related to repair/rehabilitation and resiliency programs include:</p> <ul style="list-style-type: none"> <li>• Manhole and major pump station level sensors</li> <li>• Large diameter Pipe program – evaluate ~1,000 miles of critical water and sewer mains <ul style="list-style-type: none"> <li>• Developing new standards and recommendation to harden facilities with respect to flooding, power and controls</li> <li>• \$60M rehabilitation/conversion of biosolids facility</li> <li>• SIPS – Southside Integrated Piping System @ \$60M</li> </ul> </li> </ul> <p>5 projects to install raw water pipe segments creating an integrated trunk line through Jacksonville’s southside</p>
	<p><b>Okaloosa County Water &amp; Sewer Programs \$6.2 Million over next 5 years</b></p> <ul style="list-style-type: none"> <li>• Gravity Sewer Rehabilitation Program @ \$2.9M for CIPP lining</li> <li>• Neighborhood Water Mains Improvement Program @ \$2.55M replacing undersized and aging infrastructure</li> <li>• Well Rehab Program @ \$750K for well rehabs</li> </ul>
	<p><b>Toho Water Authority Renewal and Replacement Program \$126.7 Million</b></p> <p>Projects within the Next 5 Years:</p> <ul style="list-style-type: none"> <li>• Wastewater Collection System @ \$114.1M</li> <li>• Water Distribution System @ \$5.8M</li> <li>• Water and Wastewater Treatment Facilities @ \$6.8M</li> </ul>

**THE FLORIDA SENATE**  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/11/19

Meeting Date

Bill Number (if applicable)

Topic WASTEWATER ASSET OVERVIEW

Amendment Barcode (if applicable)

Name TODD SWINGLE

Job Title EXECUTIVE DIRECTOR

Address 951 MLK Blvd

Phone 4079445131

Street

KISSIMMEE FL 34741

City

State

Zip

Email tswingle@tohowater.com

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing TOHO WATER AUTHORITY

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

# CourtSmart Tag Report

Room: EL 110

Case No.:

Type:

Caption: Senate Appropriations Subcommittee on Agriculture, Environment, and General Government Judge:

Started: 12/11/2019 1:30:44 PM

Ends: 12/11/2019 3:25:50 PM

Length: 01:55:07

1:30:46 PM Sen. Mayfield (Chair)  
1:32:09 PM TAB 1 - Presentation on the Governor's Environment Fiscal Year 2020-2021 Budget Recommendations  
1:32:35 PM Kim Cramer, Environmental Policy Coordinator, Governor's Office of Policy and Budget  
1:35:24 PM Noah Valenstein, Secretary, Florida Department of Environmental Protection  
1:40:17 PM Sen. Bean  
1:40:51 PM N. Valenstein  
1:41:21 PM Sen. Bean  
1:42:43 PM Sen. Mayfield  
1:43:13 PM N. Valenstein  
1:51:23 PM Sen. Mayfield  
1:51:54 PM Sen. Stewart  
1:52:21 PM N. Valenstein  
1:52:43 PM Sen. Rodriguez  
1:53:22 PM N. Valenstein  
1:54:24 PM Sen. Rodriguez  
1:55:01 PM N. Valenstein  
1:56:56 PM Sen. Rodriguez  
1:57:08 PM Sen. Powell  
1:58:24 PM N. Valenstein  
1:59:34 PM Sen. Powell  
2:00:07 PM N. Valenstein  
2:03:42 PM Sen. Stewart  
2:04:03 PM N. Valenstein  
2:05:25 PM Sen. Stewart  
2:05:42 PM N. Valenstein  
2:06:44 PM Sen. Mayfield  
2:06:58 PM K. Cramer  
2:07:55 PM Sen. Albritton  
2:08:02 PM K. Cramer  
2:08:18 PM Sen. Mayfield  
2:08:50 PM Amy Datz, Environmental Caucus of Florida  
2:11:01 PM Sen. Mayfield  
2:11:43 PM TAB 2 - Presentation on the Governor's General Government Fiscal Year 2020-2021 Budget  
Recommendations  
2:12:50 PM Laurie Grasel, General Government Unit Policy Coordinator, Governor's Office of Policy and Budget  
2:15:24 PM Sen. Mayfield  
2:16:05 PM Halsey Beshears, Secretary, Florida Department of Business and Professional Regulation  
2:17:17 PM Sen. Rodriguez  
2:17:47 PM H. Beshears  
2:18:19 PM Sen. Mayfield  
2:18:57 PM H. Beshears  
2:19:31 PM L. Grasel  
2:19:45 PM Randall Hunt, Secretary, Florida Lottery  
2:22:20 PM Sen. Bean  
2:22:32 PM R. Hunt  
2:23:52 PM L. Grasel  
2:24:05 PM Tami Fillyaw, Chief of Staff, Florida Department of Management Services  
2:30:02 PM Sen. Powell  
2:30:57 PM L. Grasel  
2:31:45 PM Sen. Bean  
2:32:17 PM T. Fillyaw  
2:32:42 PM L. Grasel

**2:36:38 PM** Sen. Mayfield  
**2:37:10 PM** TAB 3 - Presentation on Florida PALM by the Department of Financial Services  
**2:37:42 PM** Melissa Turner, Project Director, Florida PALM  
**2:53:25 PM** Sen. Mayfield  
**3:00:20 PM** TAB 4 - Presentation on Florida Water and Wastewater Infrastructure by the Florida Water Environment Association Utility Council  
**3:00:37 PM** Todd Swingle, P.E., Executive Director, Toho Water Authority, Board Member, FWEA Utility Council  
**3:17:05 PM** Sen. Powell  
**3:17:54 PM** T. Swingle  
**3:19:14 PM** Sen. Mayfield  
**3:20:18 PM** T. Swingle  
**3:20:35 PM** Sen. Mayfield  
**3:21:19 PM** T. Swingle  
**3:22:24 PM** Sen. Mayfield  
**3:22:44 PM** T. Swingle  
**3:23:07 PM** Sen. Mayfield  
**3:23:52 PM** T. Swingle  
**3:24:58 PM** Sen. Mayfield



## THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

### COMMITTEES:

Health Policy, *Vice Chair*  
Appropriations Subcommittee on Agriculture,  
Environment, and General Government  
Education  
Environment and Natural Resources

**SENATOR LORI BERMAN**  
31st District

November 19, 2019

The Honorable Bill Galvano  
Senate President  
409 The Capitol  
404 South Monroe Street  
Tallahassee, FL 32399-1100

A handwritten signature in blue ink, appearing to be "Lori Berman".

Dear President Galvano:

Due to the scheduling of upcoming knee surgery, I hereby request to be excused from the December 9-13<sup>th</sup> committee week.

Please let me know if you have any questions regarding this request.

Best regards,

A handwritten signature in black ink, reading "Lori Berman".

Lori Berman

A large, stylized handwritten signature in blue ink, likely belonging to David Simmons.

REPLY TO:

- 2300 High Ridge Road, Suite 161, Boynton Beach, Florida 33426 (561) 292-6014 FAX: (888) 284-6491
- 311 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5031

Senate's Website: [www.flsenate.gov](http://www.flsenate.gov)

**BILL GALVANO**  
President of the Senate

**DAVID SIMMONS**  
President Pro Tempore



## THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

### COMMITTEES:

Banking and Insurance, *Chair*  
Agriculture  
Appropriations Subcommittee on Agriculture,  
Environment, and General Government  
Community Affairs  
Military and Veterans Affairs and Space

### JOINT COMMITTEE:

Joint Committee on Public Counsel Oversight

**SENATOR DOUG BROXSON**  
1st District

December 11, 2019

Chairman Mayfield,

I am writing to request respectfully that I be excused from the December 11 meeting of the Appropriations Subcommittee on Agriculture, Environment, and General Government, due to a death in the family.

If you have any questions regarding this request, please feel free to contact my office, or myself.

Thank you for time and consideration of this matter.

Respectfully,

A handwritten signature in black ink, appearing to read "Doug Broxson".

Doug Broxson

A handwritten signature in blue ink, appearing to read "Mayfield".

### REPLY TO:

- 418 West Garden Street, 4th Floor, Room 403, Pensacola, Florida 32502 (850) 595-1036
- 318 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5001

Senate's Website: [www.flsenate.gov](http://www.flsenate.gov)

**BILL GALVANO**  
President of the Senate

**DAVID SIMMONS**  
President Pro Tempore



# THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

**SENATOR ED HOOPER**  
16th District

**COMMITTEES:**  
Governmental Oversight and Accountability, Chair  
Appropriations Subcommittee on Agriculture,  
Environment, and General Government  
Appropriations Subcommittee on Health and  
Human Services  
Health Policy  
Infrastructure and Security  
Joint Select Committee on Collective Bargaining,  
Alternating Chair  
Joint Administrative Procedures Committee

December 11, 2019

Honorable Debbie Mayfield  
Chair, Appropriations Subcommittee on Agriculture, Environment, and General  
Government  
201 The Capitol  
404 South Monroe Street  
Tallahassee, FL 32399-1100

Dear Chair Mayfield,

I am requesting an excusal today in the Appropriations Subcommittee on  
Agriculture, Environment, and General Government. Unfortunately, I am feeling  
unwell and will not be able to attend.

I appreciate your consideration in this matter.

Sincerely,

*Ed Hooper*

A handwritten signature in blue ink, appearing to read "Ed Hooper", with a large, stylized flourish at the end.

Cc: Staff Director, Giovanni Betta  
Administrative Assistant, Michelle Milligan

**REPLY TO:**

- 3450 East Lake Road, Suite 305, Palm Harbor, Florida 34685-2411 (727) 771-2102
- 326 Senate Office Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5016

Senate's Website: [www.flsenate.gov](http://www.flsenate.gov)

**BILL GALVANO**  
President of the Senate

**DAVID SIMMONS**  
President Pro Tempore