



The New Landscape of Stormwater Grants Exploring Infrastructure and Resilience Opportunities

May 5, 2022

10:30 a.m. – 11:30 a.m. (Eastern)

www.florida-stormwater.org



APPLIED SCIENCES

Florida Based. Regionally Skilled.

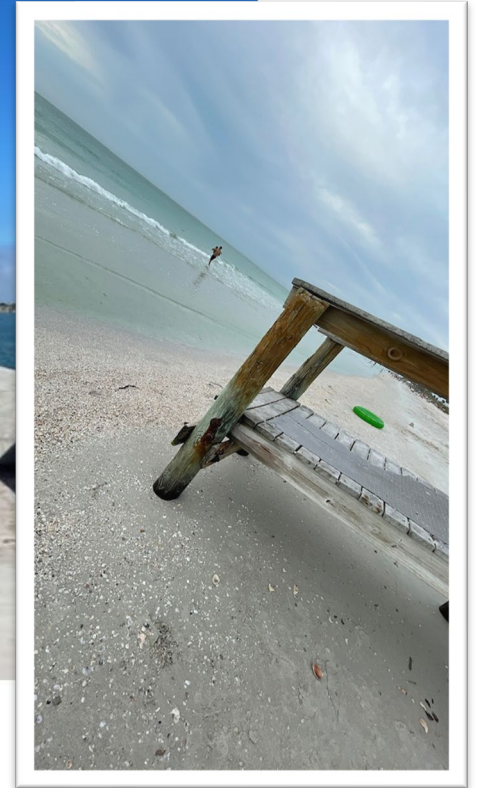


**Resilient
Ready** Tampa
Bay





Pass-A-Grille, St. Pete Beach

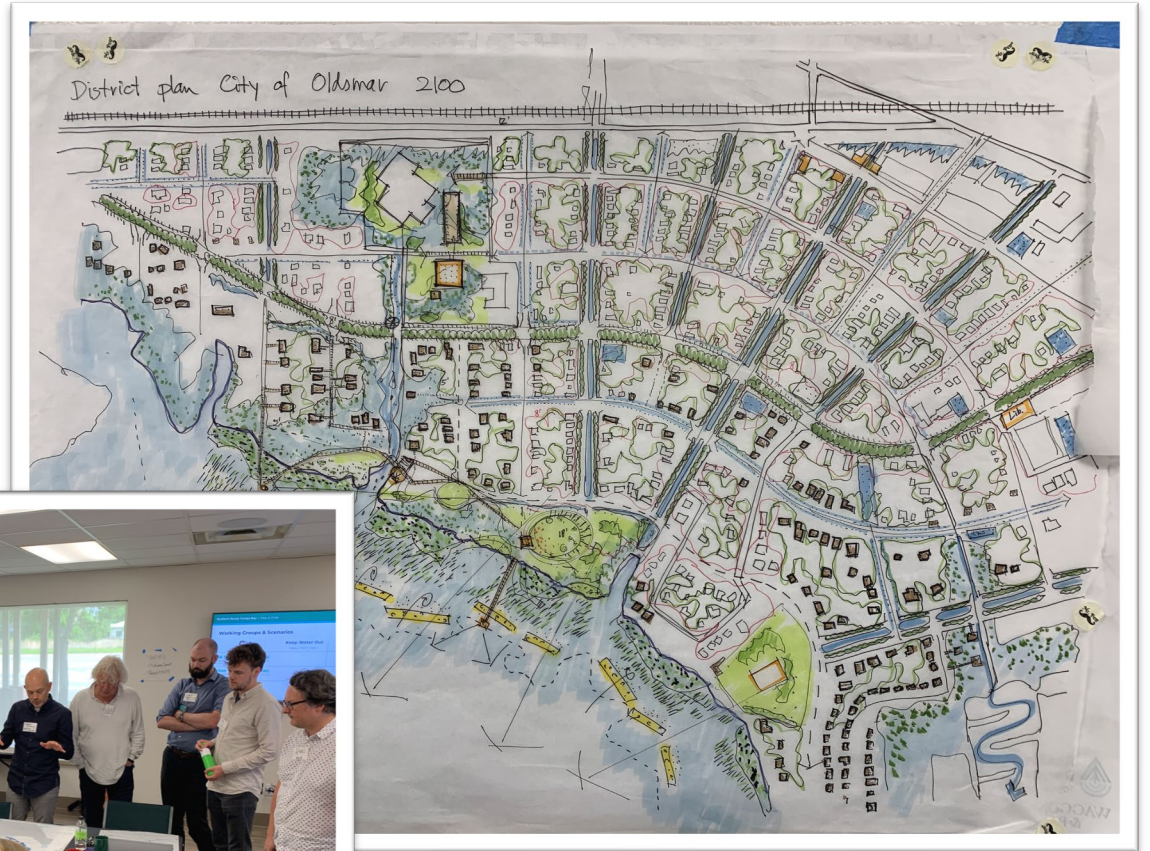


R.E. Olds Park, Oldsmar



N. Tampa Closed Basins, City of Tampa









The Water School Senior Capstone Course at FGCU

Applied Sciences has been mentoring engineering students to identify and assess feasible alternatives to reduce flooding and enhance water quality in a known problem areas.
within the Tampa Bay Region.

Pictured Matt Goolsby from Applied Sciences with future Water Resources Engineers Selena, Nour, and Jose.





Watershed Planning
Water Management
Urban Design
Resiliency Strategies

OneWaterFL.com





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Protecting **FLORIDA** Together

RESILIENT FLORIDA

Diane Quigley, AICP, WEDG
May 5, 2022



“The state is particularly vulnerable to adverse impacts from flooding resulting from increases in frequency and duration of rainfall events, storm surge from more frequent and severe weather systems and sea level rise. Such adverse impacts pose economic, social, environmental, and public health and safety challenges to the state.”

Legislative Intent, section 380.093(1)(a), F.S.

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PROGRAMMATIC OVERVIEW



RF Grant Program and Regional Resilience Entity Funding

To assist local governments with Vulnerability Assessments, Peril of Flood Comprehensive Plan Amendments

Statewide Flooding and Sea Level Rise Resilience Plan

To assist local governments and eligible entities in implementing projects that address flooding and sea level rise

Statewide Data Set and Assessment

Collection of local vulnerability assessments and data to assist in creating a Statewide Flooding and Sea Level Rise Assessment

Florida Flood Hub

Scientific research, expert working groups, flooding and sea level rise modeling methodology, recommendations, training and education



\$100 million
in state funding for
22-23 Resilient
Florida Plan
Implementation
Grants

- Submitted to the Legislature on December 1, 2021, and every year thereafter
- Project List and funding to be approved by the Legislature
- Must have 50% match unless they are a financially disadvantaged community per statute
- Must be identified as a critical asset through a Vulnerability Assessment
- Proposed 76 projects totaling over \$270M sent to Legislature on December 1, 2021, subject to appropriation

RESILIENT FLORIDA

CRITICAL ASSETS



**Transportation
assets and
evacuation
routes**

**Natural,
cultural and
historical
resources**

**Wastewater,
stormwater
and
other utility
Infrastructure**

**Critical
community
and
emergency
facilities**



THE DEPARTMENT SOLICITS PROJECTS

From local governments that address risks of flooding or sea level rise identified in vulnerability assessments and meet statutory requirements.

From water management or flood control districts that mitigate the risks of flooding or sea level rise on water supplies or water resources of the state.

That have 50% match, except if from a financially disadvantaged small community.

RESILIENT FLORIDA PROCESS



JULY 1

DEP opened
Resilient Florida
project portal.

SEPT. 1

Deadline to submit
proposed projects
through portal.

DEC. 1

Statewide Flooding
and Sea Level Rise
Resilience Plan
due.

STATEWIDE FLOODING AND SEA LEVEL RISE RESILIENCE PLAN **STATUTORY REQUIREMENTS**



A TIERED REVIEW PROCESS FOR THE PLAN WAS CREATED IN SB 1954 AND CODIFIED IN SECTION 380.093, F.S.

TIER 3 (20%)

Local match, previous commitment and exceeding minimum requirements.

TIER 1 (40%)

Addressing risks to critical assets and regionally significant assets, as well as existing efforts to reduce upland costs.



TIER 4 (10%)

Innovation to reduce costs, regional collaboration and financially disadvantaged communities.

TIER 2 (30%)

Existing flooding conditions, readiness to proceed, environmental options and exceeding minimum requirements.

RESILIENT FLORIDA RULE DEVELOPMENT

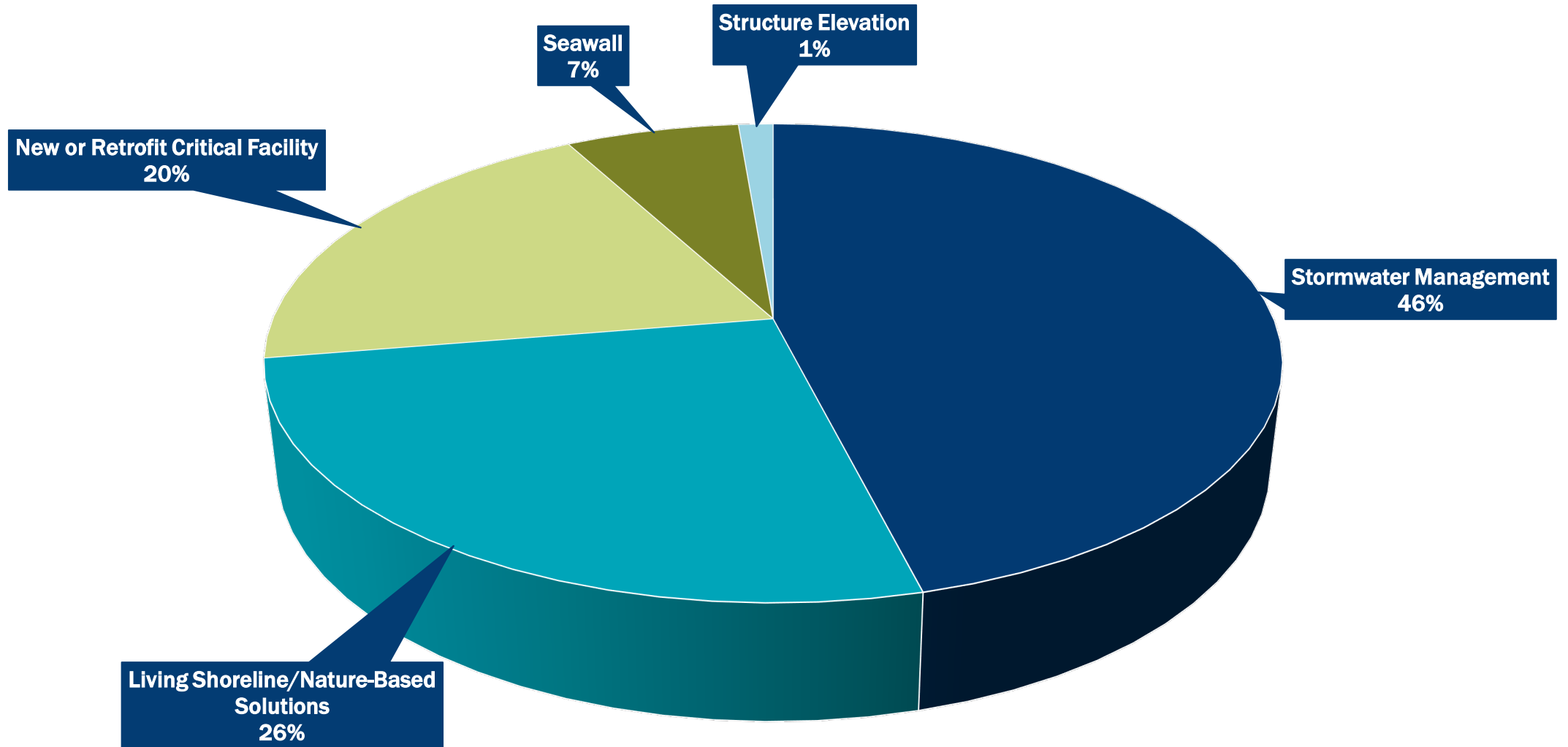


The screenshot shows a web form titled "Resilient Florida Rulemaking Updates" with the Florida Department of Environmental Protection logo at the top. Below the title is a paragraph of text: "The Resilient Florida program will provide \$1 billion over four years to provide grants to state and local government entities to fund projects to address the impacts of sea level rise, intensified storms and localized flooding." The form includes a "Sign-Up For Program Updates" link, followed by input fields for "First Name *", "Last Name *", "Organization Representing (if none, please indicate n/a) *", and "Email Address *". At the bottom, there is a link "About the Florida Department of Environmental Protection" and a small paragraph of text: "The Florida Department of Environmental Protection is the state's principal environmental agency, created to protect, conserve and manage Florida's environment and natural resources. The department enforces federal and state environmental laws, protects Florida's air and water quality, cleans up pollution, regulates solid waste management, promotes pollution prevention and acquires environmentally sensitive lands for preservation. The agency also maintains a statewide system of parks, trails and aquatic preserves. Visit the department's website at [FloridaDEP.gov](#)."

- Focus on project prioritization criteria and ranking identified in statute for the annual Statewide Plan
- Hosted a formal Public Workshop on March 17, 2022
- Comment period ended
- Recommend following the rule development status and signing up to receive rule workshop notices at:
<https://survey.alchemer.com/s3/6500872/Resilient-Florida-Rulemaking-Updates>

RESILIENT FLORIDA

FY 22/23 STATEWIDE FLOODING AND SEA LEVEL RISE RESILIENCE PLAN



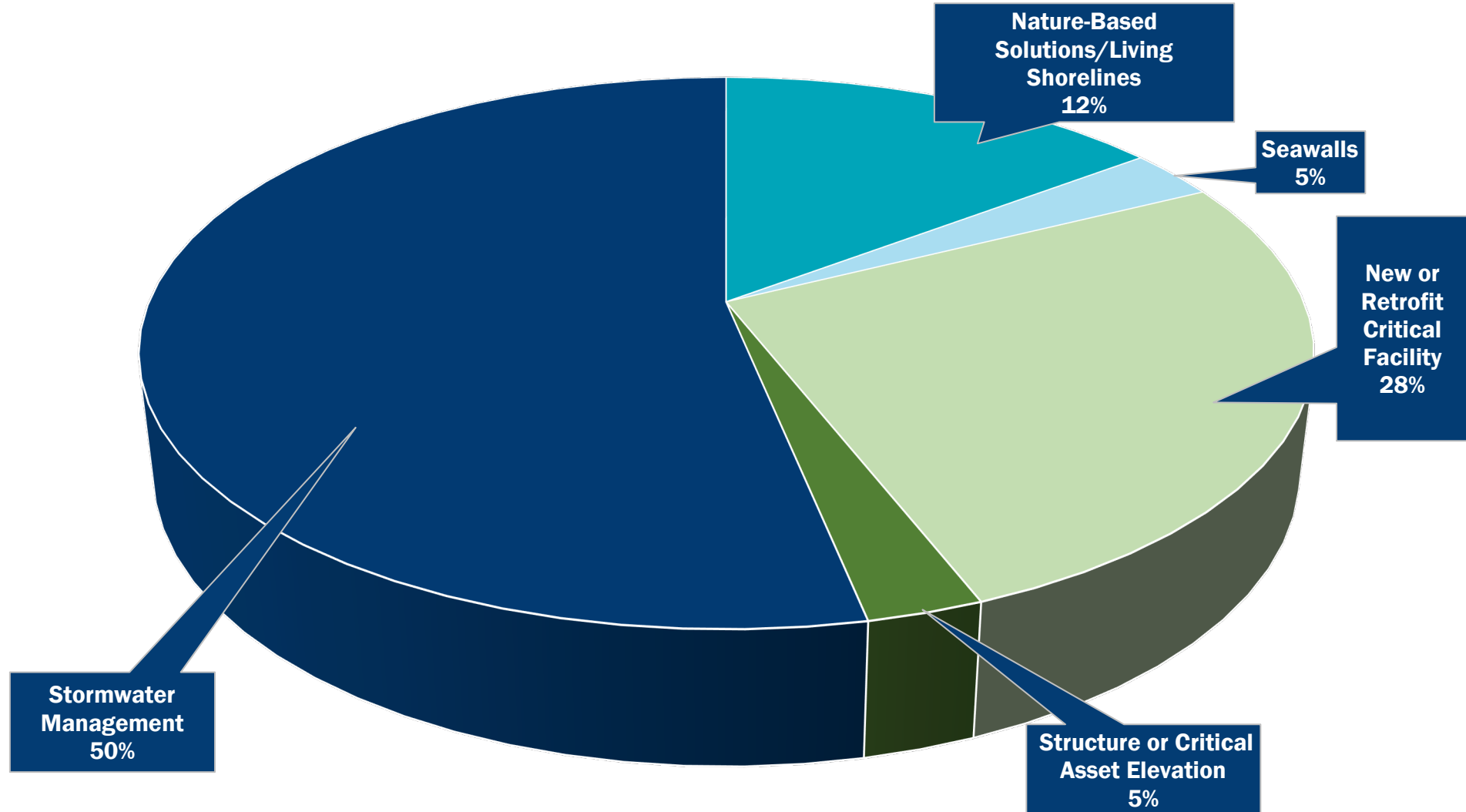


\$404 MILLION IN FEDERAL FUNDING FOR RESILIENCE IMPLEMENTATION PROJECTS:

- Project proposals collected, evaluated and ranked with Statewide Plan projects
- Criteria for American Rescue Plan Act (ARPA) funding differs:
 - Do not need to conduct a Vulnerability Assessment
 - Do not need a 50% local match
- Must be encumbered by December 31, 2024
- Must be spent by December 31, 2026
- February 1, 2022, the Governor announced 113 implementation projects

RESILIENT FLORIDA

FY 21/22 STATEWIDE FLOODING AND SEA LEVEL RISE RESILIENCE PLAN (FEDERALLY FUNDED PROJECTS)



RESILIENT FLORIDA

FY 22/23 BUDGET



- **Planning Grants, RRE and State Plan Funding levels remain the same**
- **Federal Funds \$ 200 Million**
 - \$20 Million identified for Planning Grants and Pre-construction activities for eligible communities



THANK YOU

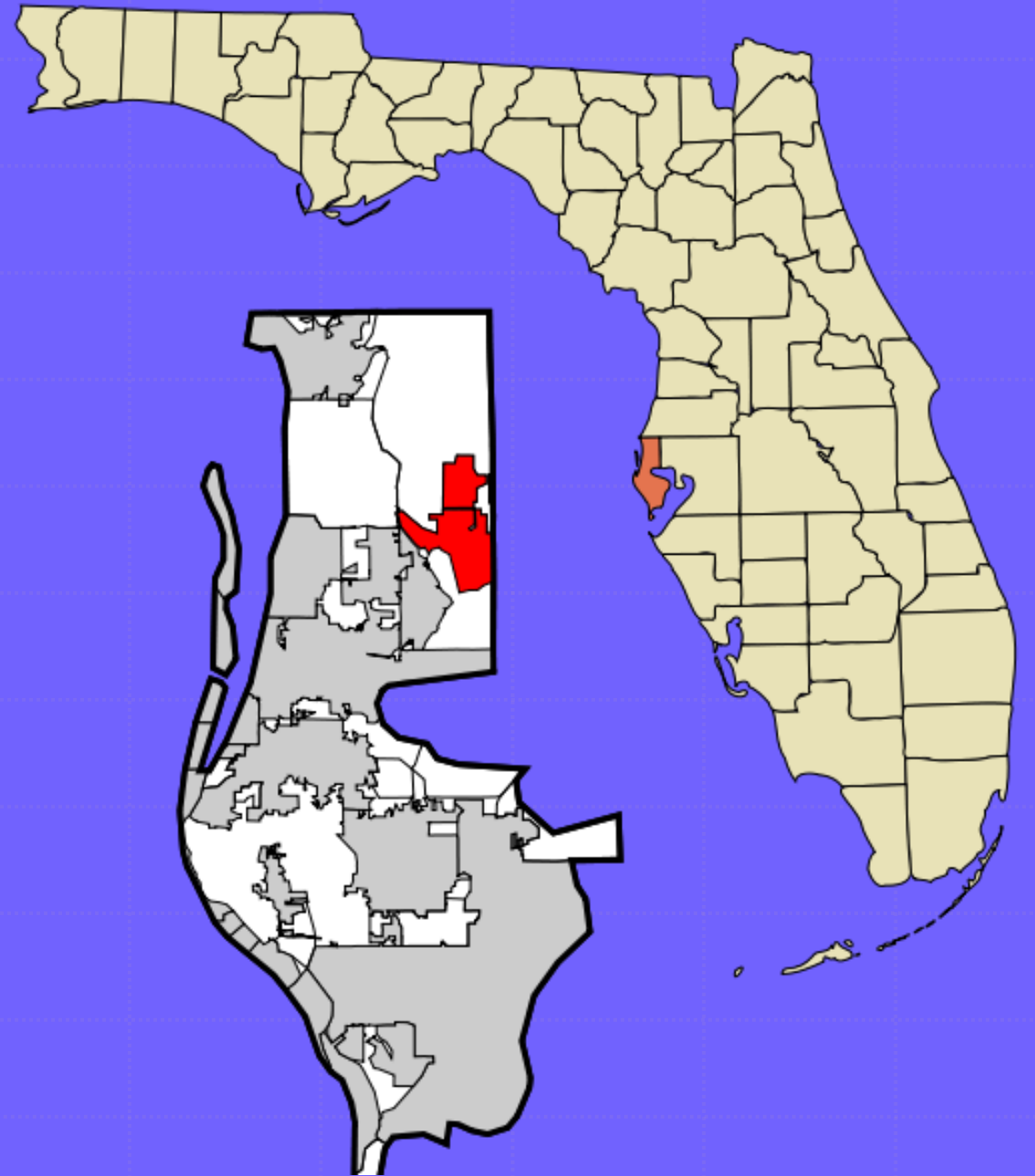


The New Landscape of Stormwater Grants: Exploring Infrastructure and Resilience Opportunities

1. Ashlee Painter
2. Sustainability Coordinator
3. City of Oldsmar
4. May 5, 2022

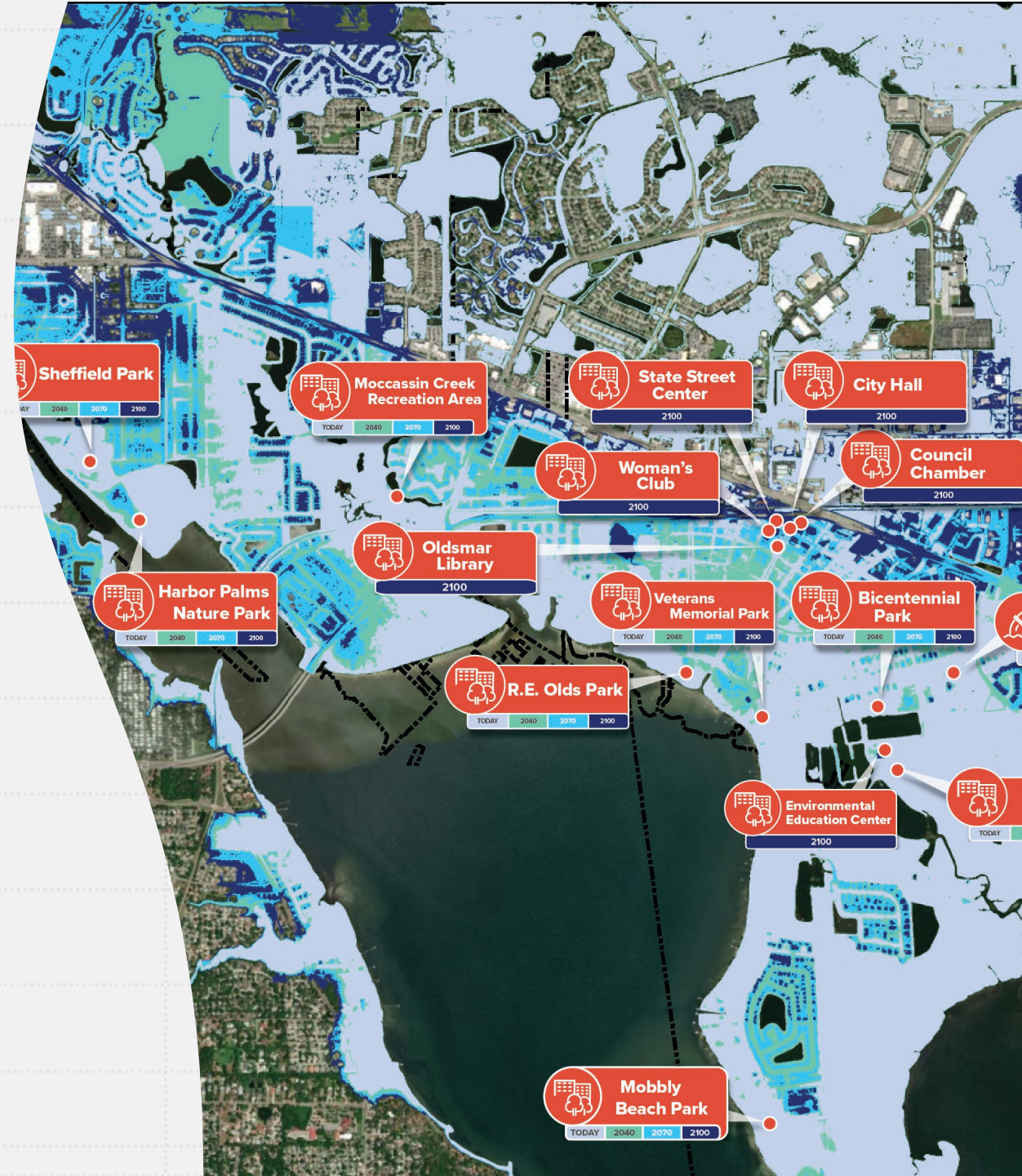
A little about Oldsmar

- Pinellas County
- "Top of the Bay" - Old Tampa Bay Watershed
- Population: 15,000
- Avg elevation: 7'



Resiliency Planning

- Flood mapping
- Vulnerability assessment
- Cross sector



Breaking down the silos



Stormwater affects all departments



Including others produces more buy-in



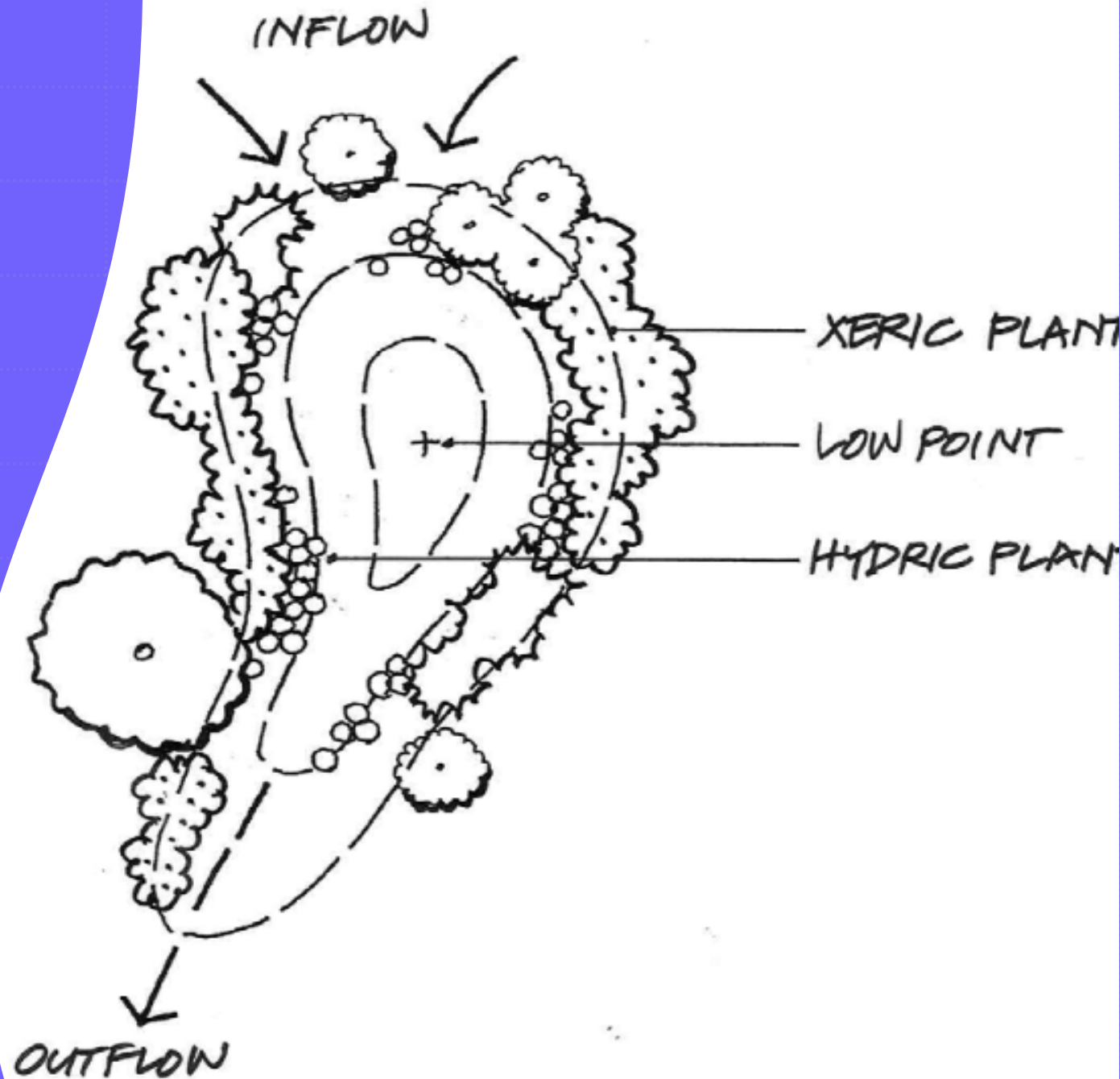
Helps all sides understand the functions of infrastructure

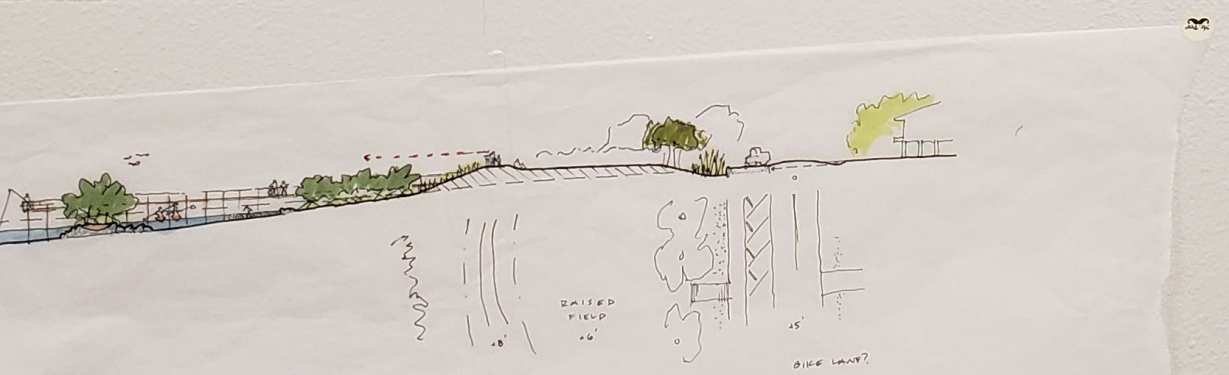


Funding comes from many places

Think outside the box – Case Study 1

- Resilient Florida Grant
- Wastewater Control Building
- Landscaping for stormwater treatment
- Reducing runoff





Think outside the box – Case Study 2

- Resilient Ready Tampa Bay
- R.E. Olds Park
- Dual purpose parks
- Envisioning greater watershed area

Show me the
money!

Resilient Florida -

<https://floridadep.gov/ResilientFlorida>

Tampa Bay Estuary Program -

<https://tbep.org/our-work/restoration-research/>

NOAA - <https://coast.noaa.gov/funding/>

Green Infrastructure -

<https://www.epa.gov/green-infrastructure/green-infrastructure-funding-opportunities>



Thank you!

Questions?

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Florida Stormwater Association