



2029 COASTAL MASTER PLAN
COMMITTED TO OUR COAST

2029 COASTAL MASTER PLAN NEW PROJECT DEVELOPMENT

BTNEP MANAGEMENT CONFERENCE
KATIE FREER



AUGUST 14, 2025

PRESENTATION OUTLINE

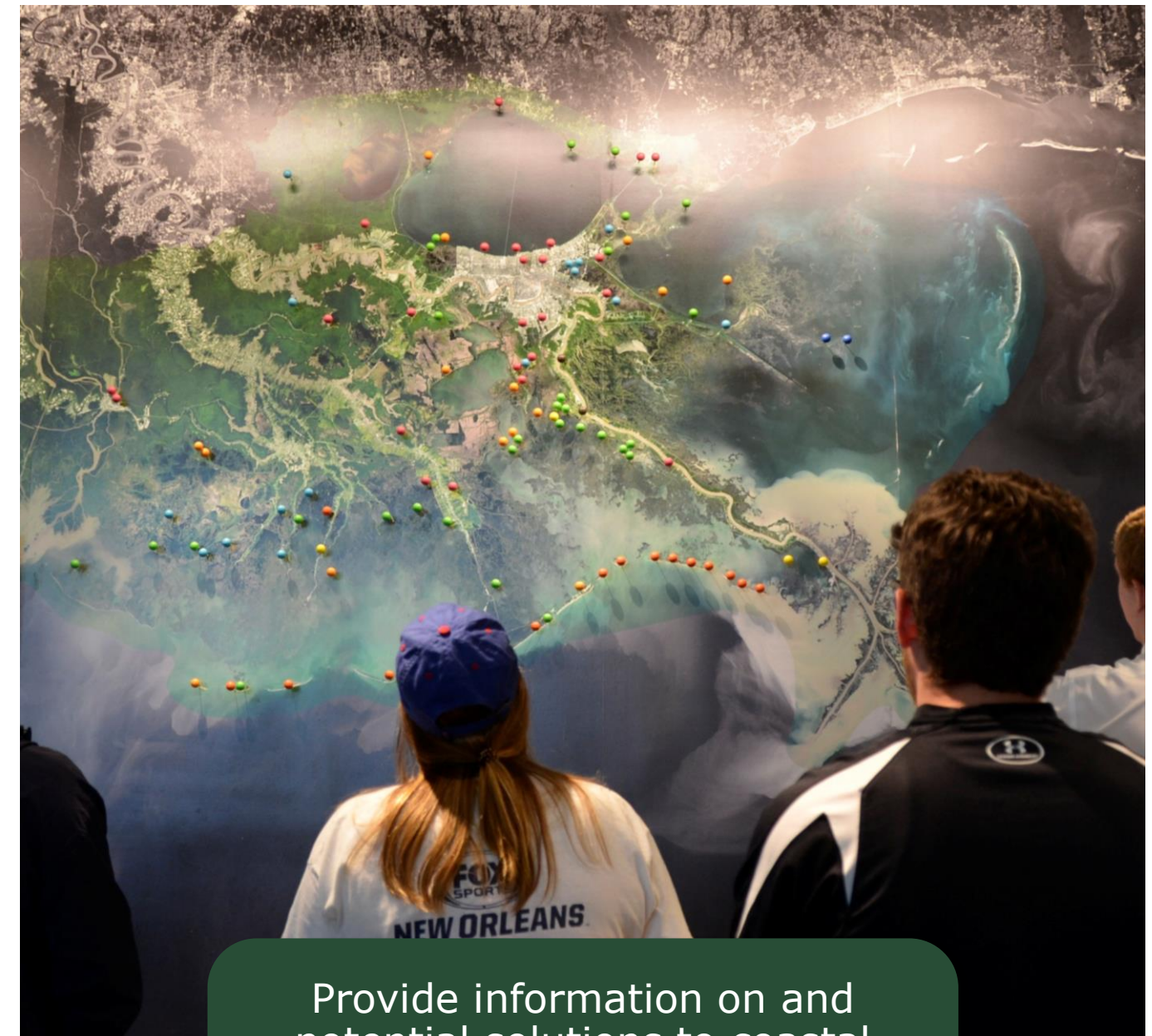
- What is Louisiana's Coastal Master Plan?
- How is it developed?
- Public Solicitation for New Project Ideas



LOUISIANA'S MASTER PLAN FOR A SUSTAINABLE COAST



Identify restoration & risk reduction projects eligible for state support

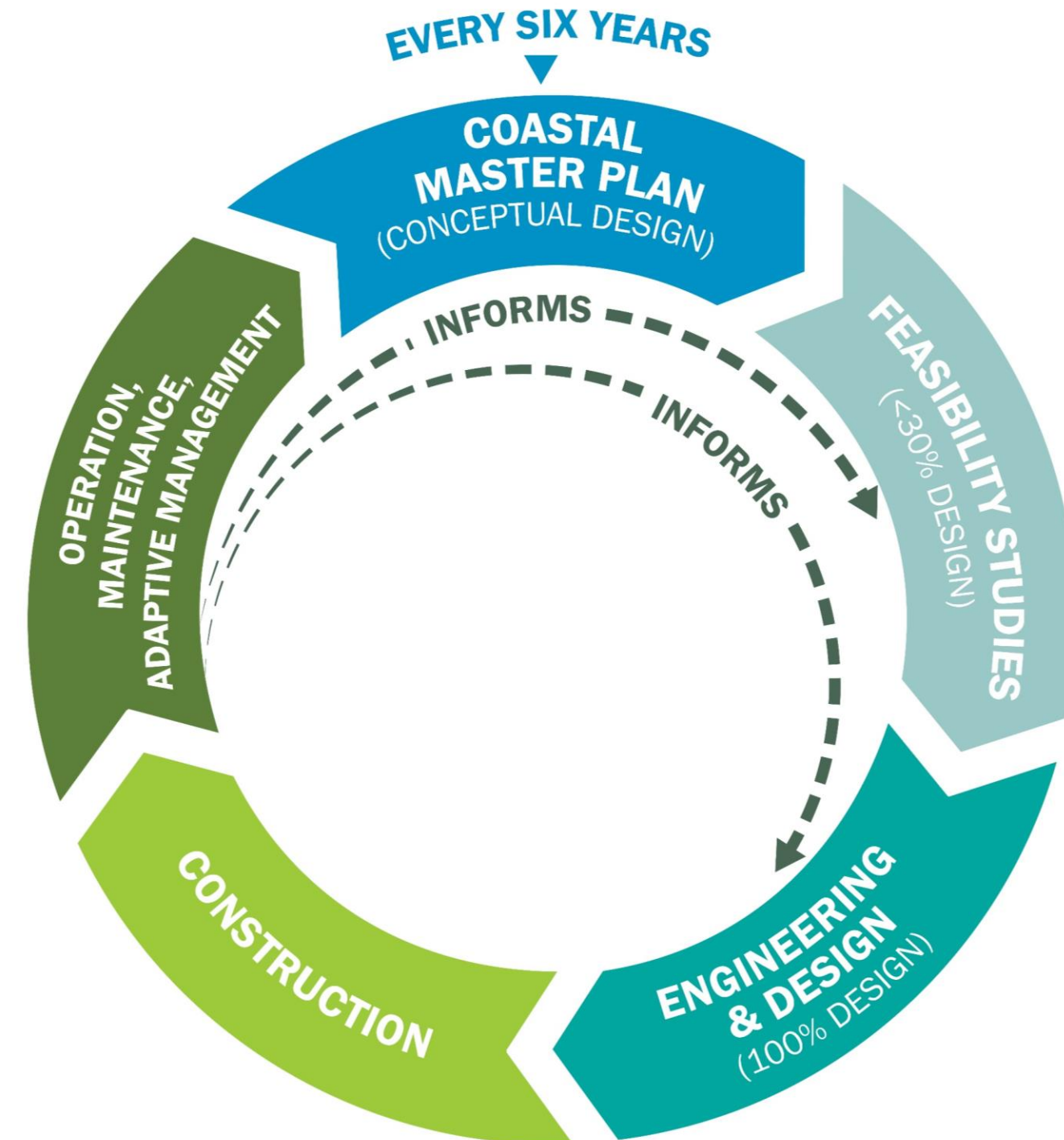


Provide information on and potential solutions to coastal challenges

A LIVING DOCUMENT

How can the state spend its money most cost-effectively over **the next 50 years** to reduce storm surge-based flood risk and restore and maintain coastal wetlands?

Updating the plan every 6 years ensures that the latest science, engineering, and real-world conditions are incorporated to continuously improve the Coastal Master Plan's impact and make the case for additional funding.



WHAT IS THE MASTER PLAN TRYING TO ACHIEVE?

Goals



LAND LOSS REDUCTION



STORM SURGE RISK REDUCTION

Objectives



FLOOD PROTECTION



NATURAL PROCESSES



COASTAL HABITATS



CULTURAL RESOURCES



WORKING COAST

WHAT THE PLAN IS & WHAT IT ISN'T

What it is...

- A living plan to preserve our rich history, culture, ecosystems, and natural resources
- A proposal of a robust suite of restoration and risk reduction projects to provide coastwide benefits
- Information about land loss, storm surge-based flood risk, and associated challenges facing coastal Louisiana
- A tool to understand possible future conditions

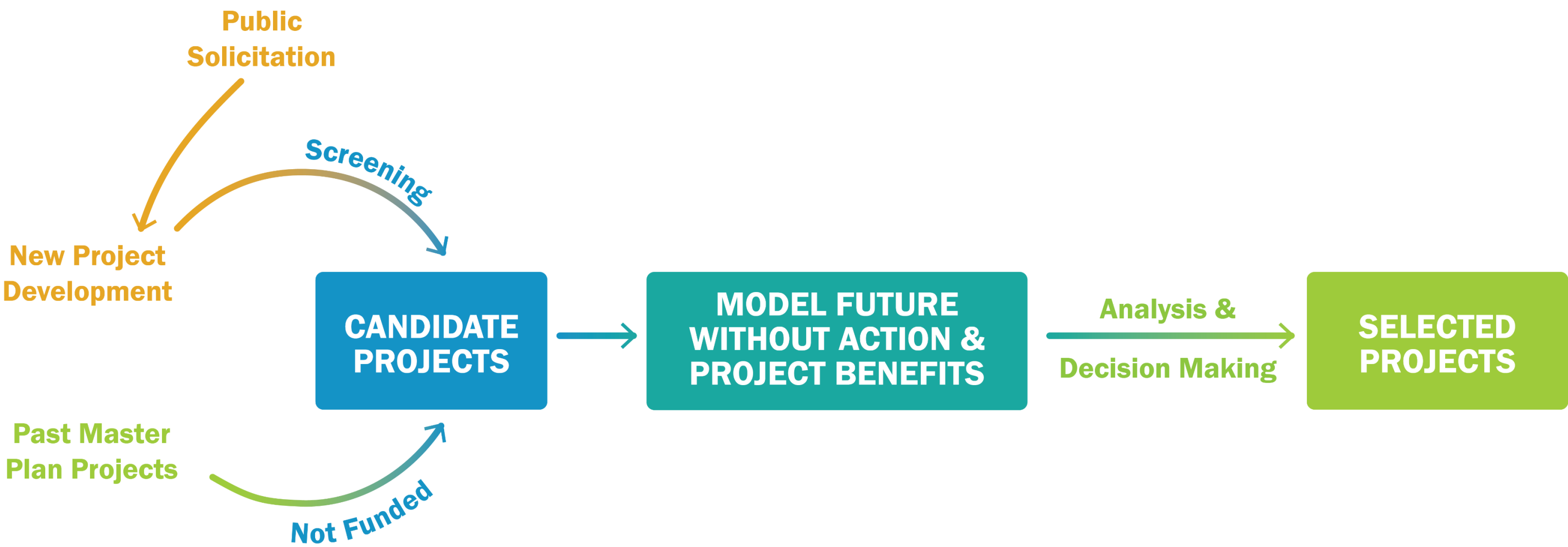
What it isn't...

- A direct funding source for new projects
- A prioritized or ranked list of projects
- Detailed, highly specific project development
- Detailed, highly localized project evaluation tool

HOW DO WE GET THERE?



HOW DO WE GET THERE?



BARATARIA

Figure: Aerial View of the Barataria Region with the 2023 Coastal Master Plan projects.

Structural Risk Reduction

Ridge Restoration

Marsh Creation

Landbridge

Diversion



TERREBONNE

Figure: Aerial View of the Terrebonne Region with the 2023 Coastal Master Plan projects.

Together, the Coastal Master Plan projects address the plan's goals and its objectives

COASTAL MASTER PLAN OBJECTIVES



**FLOOD
PROTECTION**



**NATURAL
PROCESSES**



**COASTAL
HABITATS**



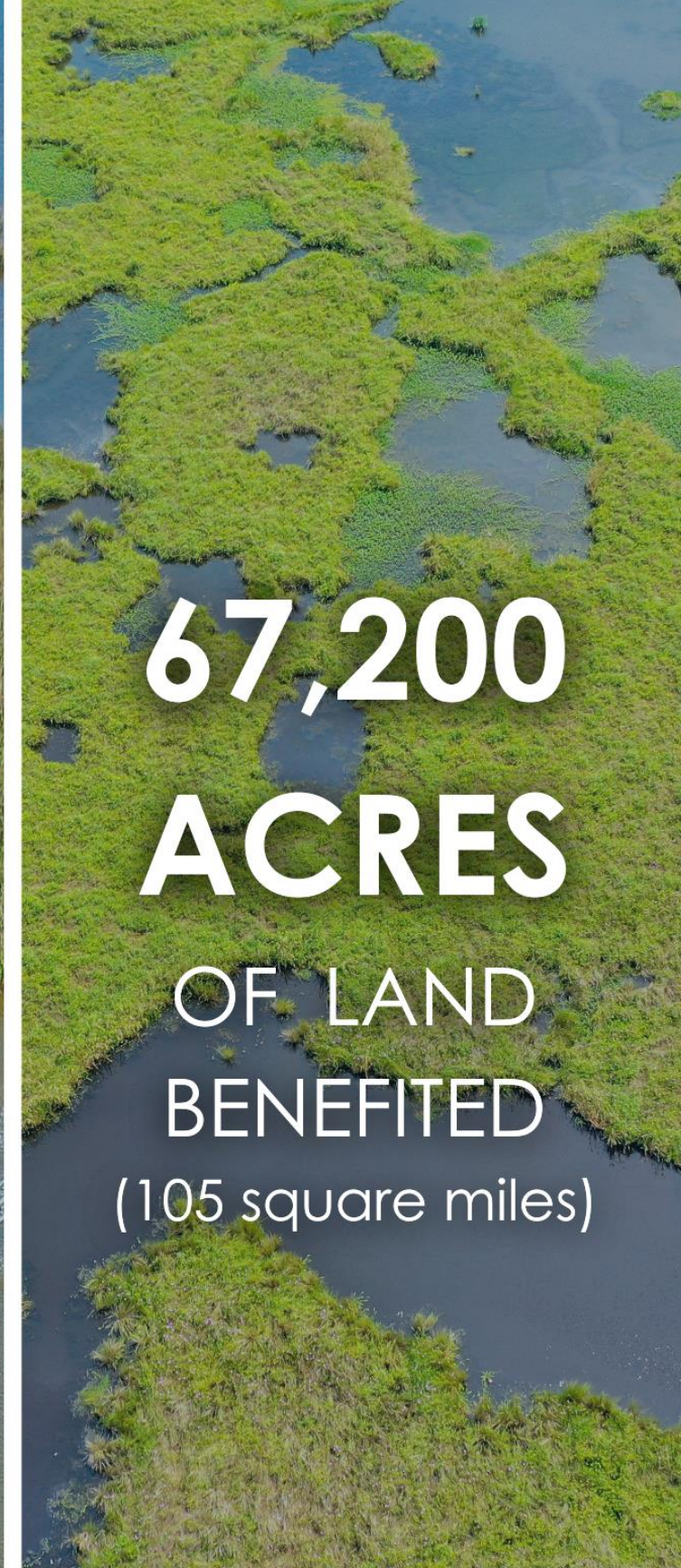
**CULTURAL
RESOURCES**



**WORKING
COAST**



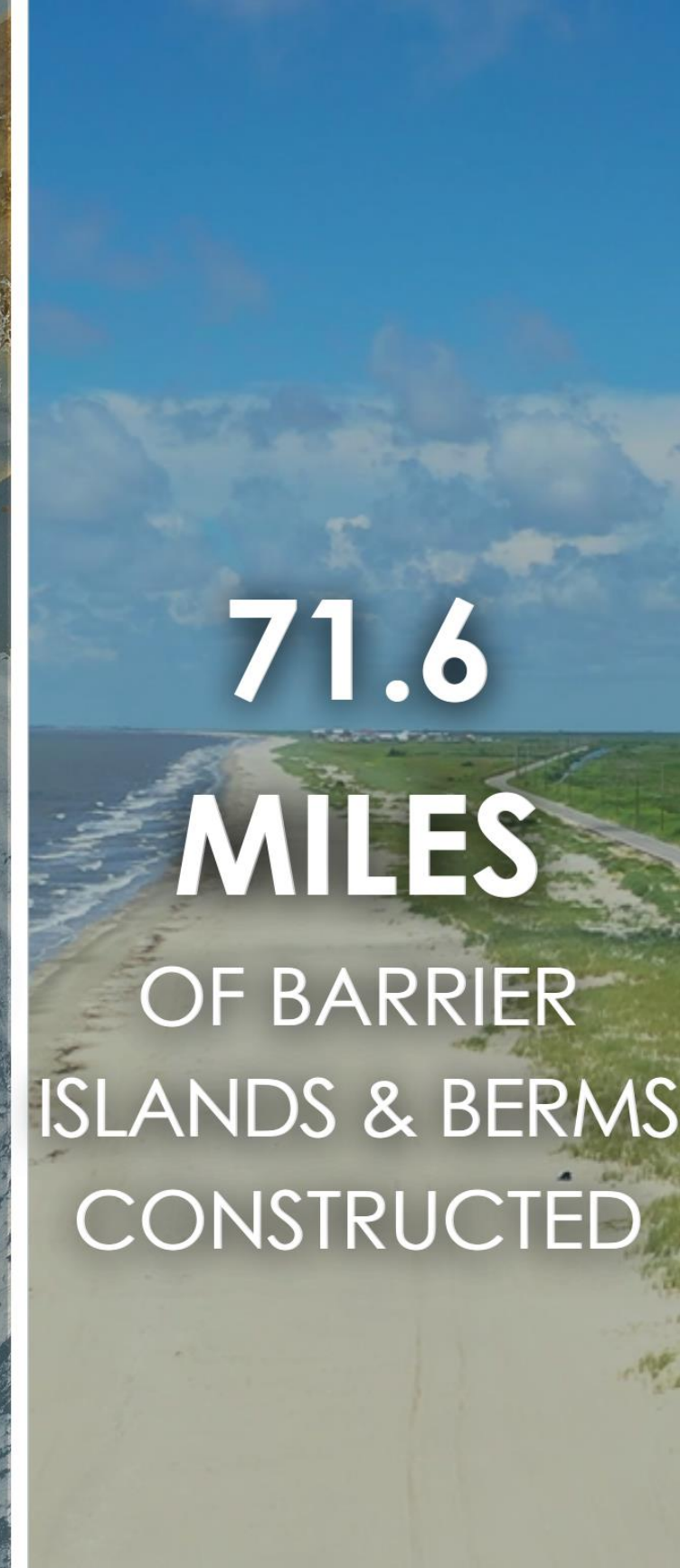
**\$21.4
BILLION**
IN FUNDING
SECURED



**67,200
ACRES**
OF LAND
BENEFITED
(105 square miles)



**226
MILLION**
CUBIC YARDS OF
FILL UTILIZED



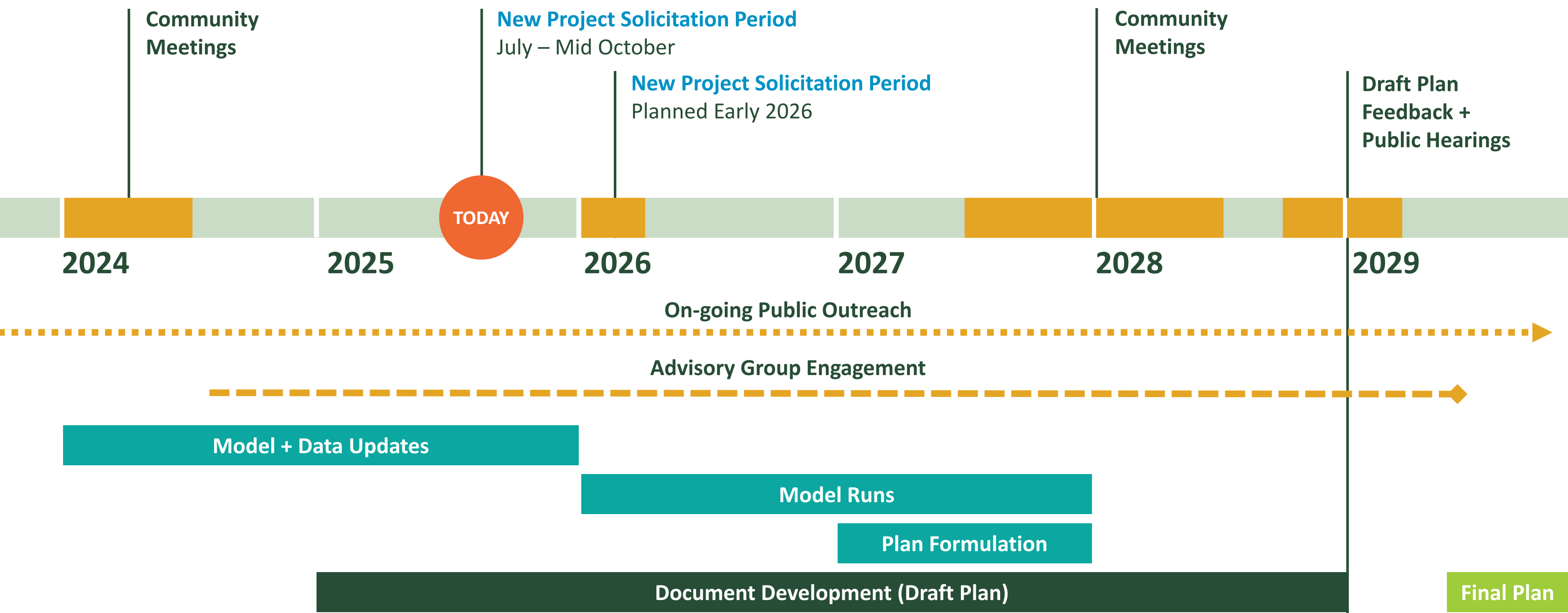
**71.6
MILES**
OF BARRIER
ISLANDS & BERMS
CONSTRUCTED



**383
MILES**
OF LEVEE
IMPROVED

Louisiana's Coastal Program
2007 - 2024

KEY ENGAGEMENT POINTS & MASTER PLAN FORMATION



PUBLIC SOLICITATION 1

WHAT

CPRA is accepting new project ideas to be screened and evaluated for potential inclusion in the 2029 Coastal Master Plan

WHO

Anyone with a project idea to reduce land loss and/or storm surge-based flood risk in coastal Louisiana

WHEN

Now through October 17, 2025

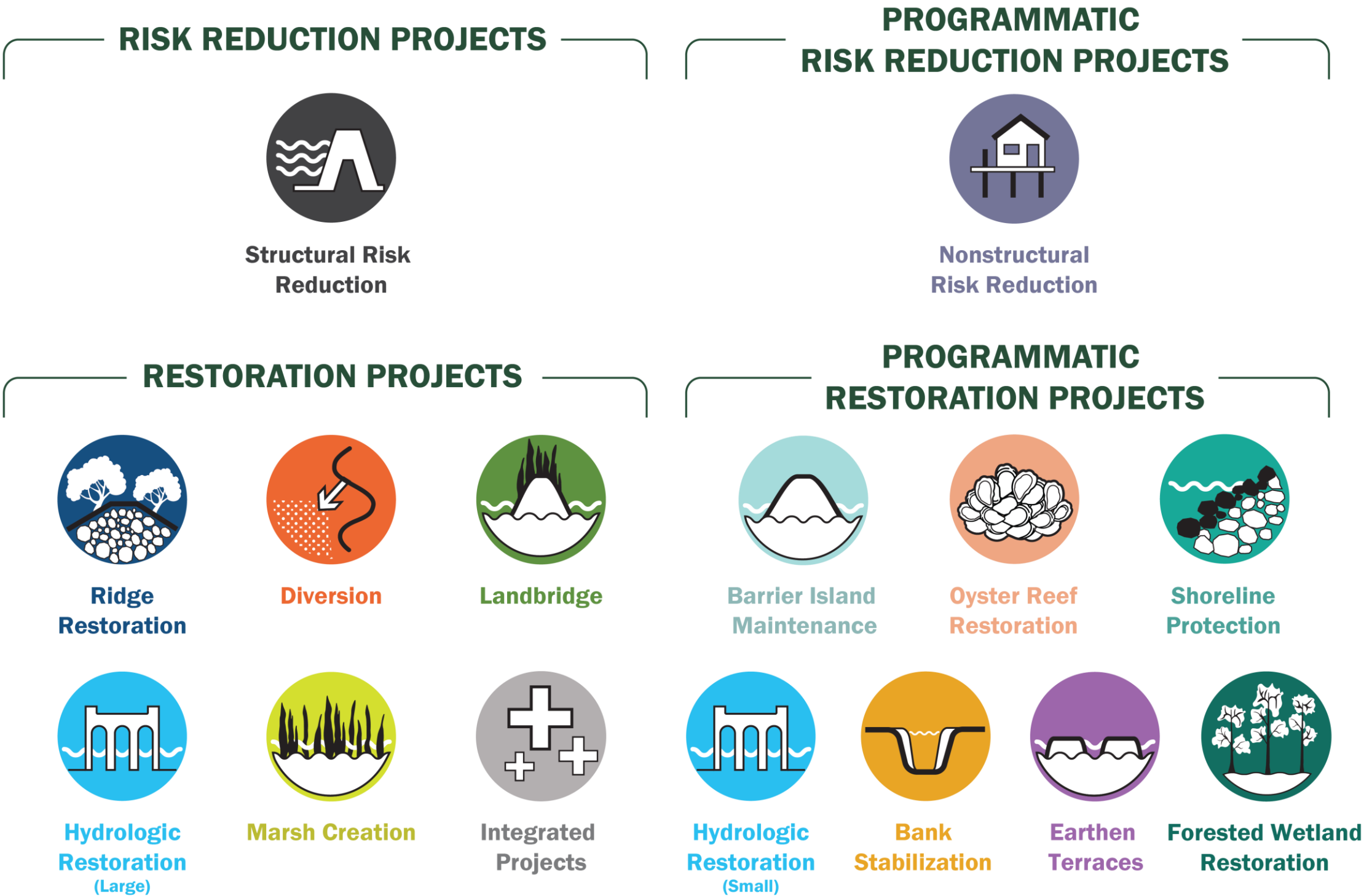
HOW

Submit project ideas through our online Coastal Challenge and Project Idea Submission Form



<https://bit.ly/2029MP>

2029 COASTAL MASTER PLAN PROJECT TYPES





STORM SURGE RISK REDUCTION



RISK REDUCTION PROJECTS



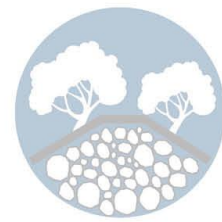
Structural Risk
Reduction

PROGRAMMATIC RISK REDUCTION PROJECTS

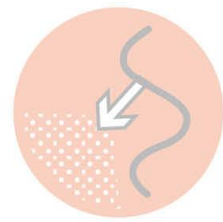


Nonstructural
Risk Reduction

RESTORATION PROJECTS



Ridge
Restoration



Diversion



Landbridge



Hydrologic
Restoration
(Large)



Marsh Creation

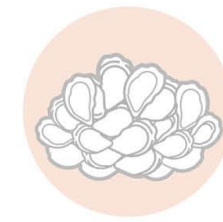


Integrated
Projects

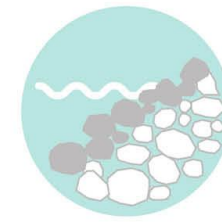
PROGRAMMATIC RESTORATION PROJECTS



Barrier Island
Maintenance



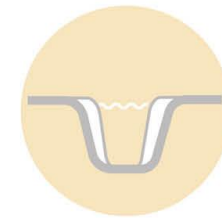
Oyster Reef
Restoration



Shoreline
Protection



Hydrologic
Restoration
(Small)



Bank
Stabilization



Earthen
Terraces



Forested Wetland
Restoration



LAND LOSS REDUCTION

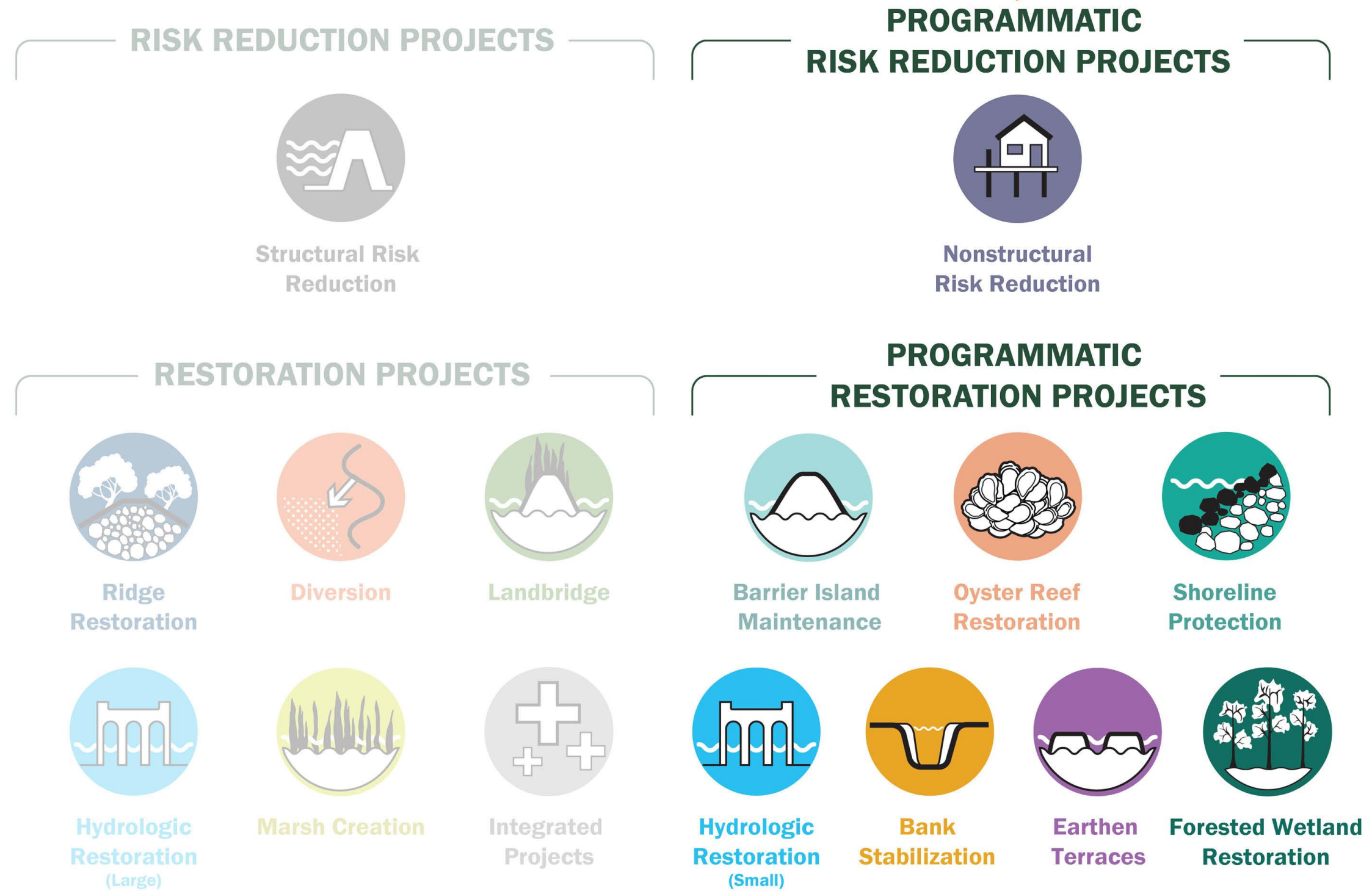


Projects that are evaluated in master plan models for their benefits



The types of projects that we are looking for today

Projects that are considered
“programmatically consistent” and do not
need to be evaluated in master plan models

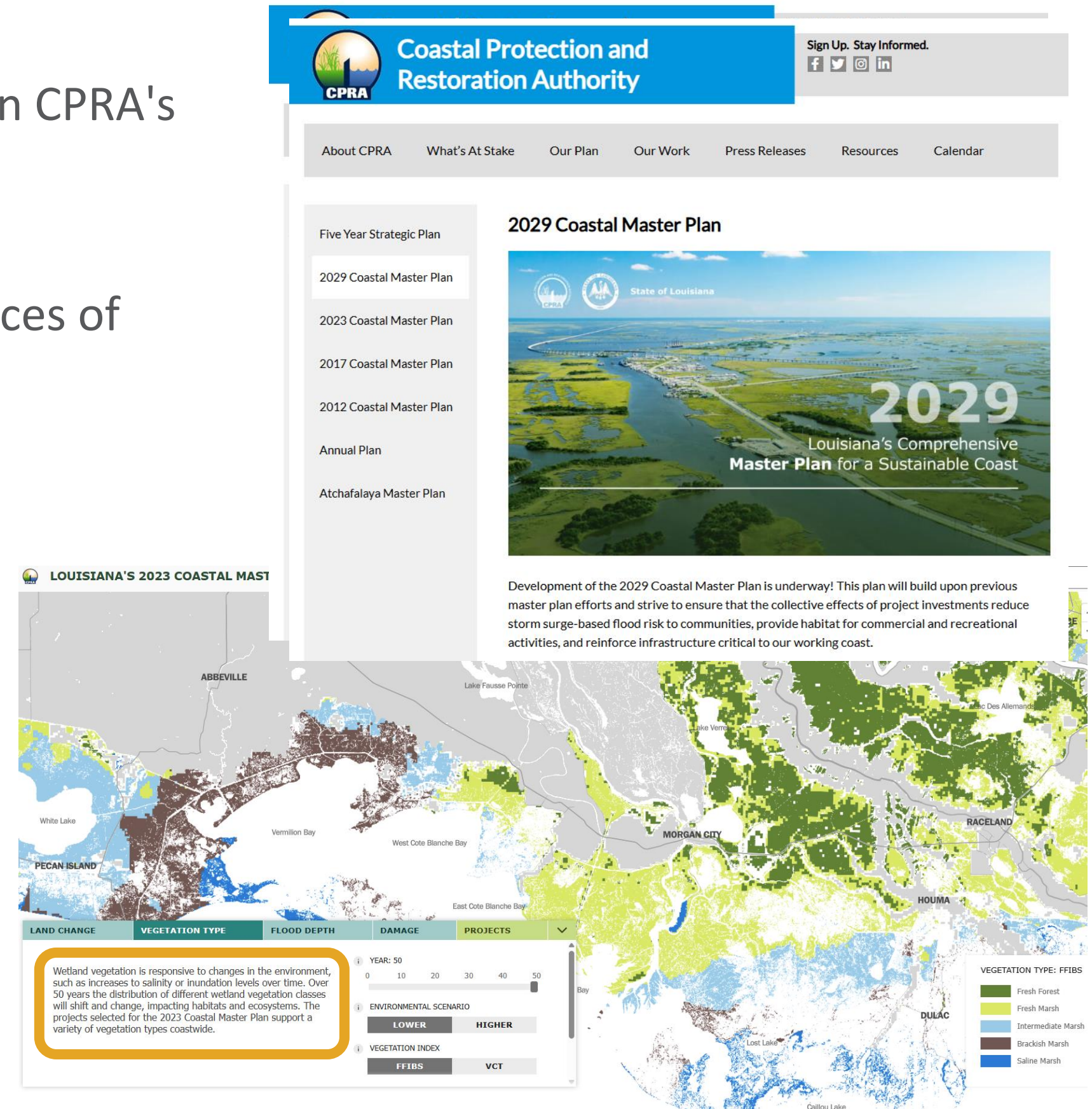


NEW PROJECT DEVELOPMENT RESOURCES

Available through the 2029 Coastal Master Plan page on CPRA's website

- Process overview, guidelines, and screening criteria
- Link to Master Plan Data Viewer and additional sources of information about current and future risks
- Answers to frequently asked questions
- Link to project submission form
- Recorded explanatory webinar
- MP29 New Project Development Website
- Booklets with details about Master Plan project types and how to develop a project idea for submission
- Deep dive content
- Virtual office hours

2029 COASTAL MASTER PLAN



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2029 COASTAL MASTER PLAN

The screenshot displays the CPRA website's header with the logo and navigation links: About CPRA, What's At Stake, Our Plan, Our Work, Press Releases, Resources, and Calendar. A sidebar on the left lists various master plans, with the 2029 Coastal Master Plan highlighted. The main content area features a large banner for the 2029 Coastal Master Plan, titled "Louisiana's Comprehensive Master Plan for a Sustainable Coast". Below the banner, a text block states: "Development of the 2029 Coastal Master Plan is underway! This plan will build upon previous master plan efforts and strive to ensure that the collective effects of project investments reduce storm surge-based flood risk to communities, provide habitat for commercial and recreational activities, and reinforce infrastructure critical to our working coast." At the bottom, a map titled "LOUISIANA'S 2023 COASTAL MAST" shows various coastal areas with a legend for vegetation types (FFIBS) and a control panel for land change, flood depth, and environmental scenarios.

Coastal Protection and Restoration Authority

Sign Up. Stay Informed.

About CPRA What's At Stake Our Plan Our Work Press Releases Resources Calendar

Five Year Strategic Plan

2029 Coastal Master Plan

2023 Coastal Master Plan

2017 Coastal Master Plan

2012 Coastal Master Plan

Annual Plan

Atchafalaya Master Plan

2029 Coastal Master Plan

State of Louisiana

2029 Louisiana's Comprehensive Master Plan for a Sustainable Coast

Development of the 2029 Coastal Master Plan is underway! This plan will build upon previous master plan efforts and strive to ensure that the collective effects of project investments reduce storm surge-based flood risk to communities, provide habitat for commercial and recreational activities, and reinforce infrastructure critical to our working coast.

LOUISIANA'S 2023 COASTAL MAST

ABBEVILLE

White Lake

PECAN ISLAND

Vermilion Bay

West Cote Blanche Bay

East Cote Blanche Bay

MORGAN CITY

RACELAND

HOUMA

DULAC

Caillou Lake

LAND CHANGE

VEGETATION TYPE

FLOOD DEPTH

DAMAGE

PROJECTS

YEAR: 50

0 10 20 30 40 50

ENVIRONMENTAL SCENARIO

LOWER HIGHER

VEGETATION INDEX

FFIBS VCT

VEGETATION TYPE: FFIBS

- Fresh Forest
- Fresh Marsh
- Intermediate Marsh
- Brackish Marsh
- Saline Marsh

Wetland vegetation is responsive to changes in the environment, such as increases to salinity or inundation levels over time. Over 50 years the distribution of different wetland vegetation classes will shift and change, impacting habitats and ecosystems. The projects selected for the 2023 Coastal Master Plan support a variety of vegetation types coastwide.

MP29 REGIONAL WORKGROUPS: REGIONAL STRATEGIES

Barataria and Terrebonne Regions

- Maximize use of available sediment and freshwater inputs
- Active management of flood protection systems for environmental benefits
- Sediment strategy needed for areas away from riverine sources



TERREBONNE BASIN STRATEGIES

- Respond to major landscape changes since last plan
- Build resilience outside of levee protection system
- Receiving communities – temporary/permanent
- Maintain Gulf-facing shorelines and bays
- Restoration to protect levees and other critical infrastructure
- Maintain barrier islands



BARATARIA BASIN STRATEGIES

- Incorporate land use planning and drainage at the watershed level to reduce flood risk
- Improve utilization of Bayou Lafourche, potential use of GIWW
- Maintain Upper Basin Swamps with River reintroduction with outfall management, addition of dredged material to increase elevation
- Hydrologic restoration for flotant in the mid basin
- Ongoing regional workgroup coordination, instead of just for new project development



PUBLIC SOLICITATION 1 QUICK FACTS

- Anyone can submit a project
- Programmatically consistent project types will not be evaluated through the MP29 process; only non-programmatic types should be submitted
 - Programmatic features can be paired with non-programmatic restoration or risk reduction features as part of an integrated project
- Level of detail is flexible—we will accept everything from a definition of a need for a project to 95% design details
- Projects will be accepted through October 17, and then again in early 2026
 - Projects submitted in Public Solicitation 1 that don't pass the desktop screening will receive feedback and can be revised and resubmitted in Public Solicitation 2 in early 2026
 - We cannot offer the same feedback, revise, resubmit opportunity following Public Solicitation 2 due to the modeling schedule

FOR MORE INFORMATION

<https://bit.ly/2029MP>

masterplan@LA.GOV

