



Deepwater Horizon Natural Resource Damage Assessment and Restoration Trustee Council Annual Public Meeting

July 19, 2018

Tonight's Agenda

- **Welcome and Introduction**
- **Trustee Council Update**
- **Restoration Area Updates**
- **Your Comments**

Trustee Council Representatives

Florida	Alabama	Mississippi	Louisiana	Texas
Phil Coram	Chris Blankenship	Gary Rikard	Alyson Graugnard	Robin Riechers

DOI	EPA	NOAA	USDA
Mary Josie Blanchard	Mary Kay Lynch	Chris Doley	Homer Wilkes

Trustee Council Update

Timeline of Key Restoration Events

APRIL 2016
Settlement
Adds \$7.8B
in Natural
Resource
Damages

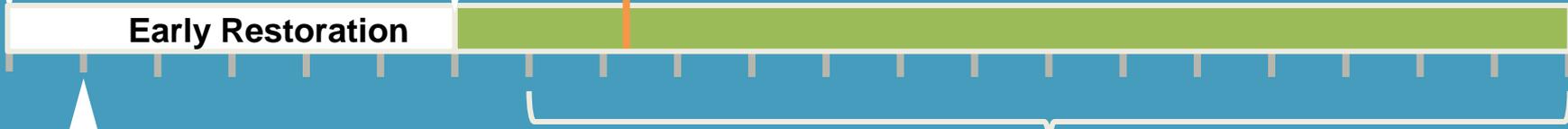
APRIL 2010
Oil Spill

Today
JULY 2018

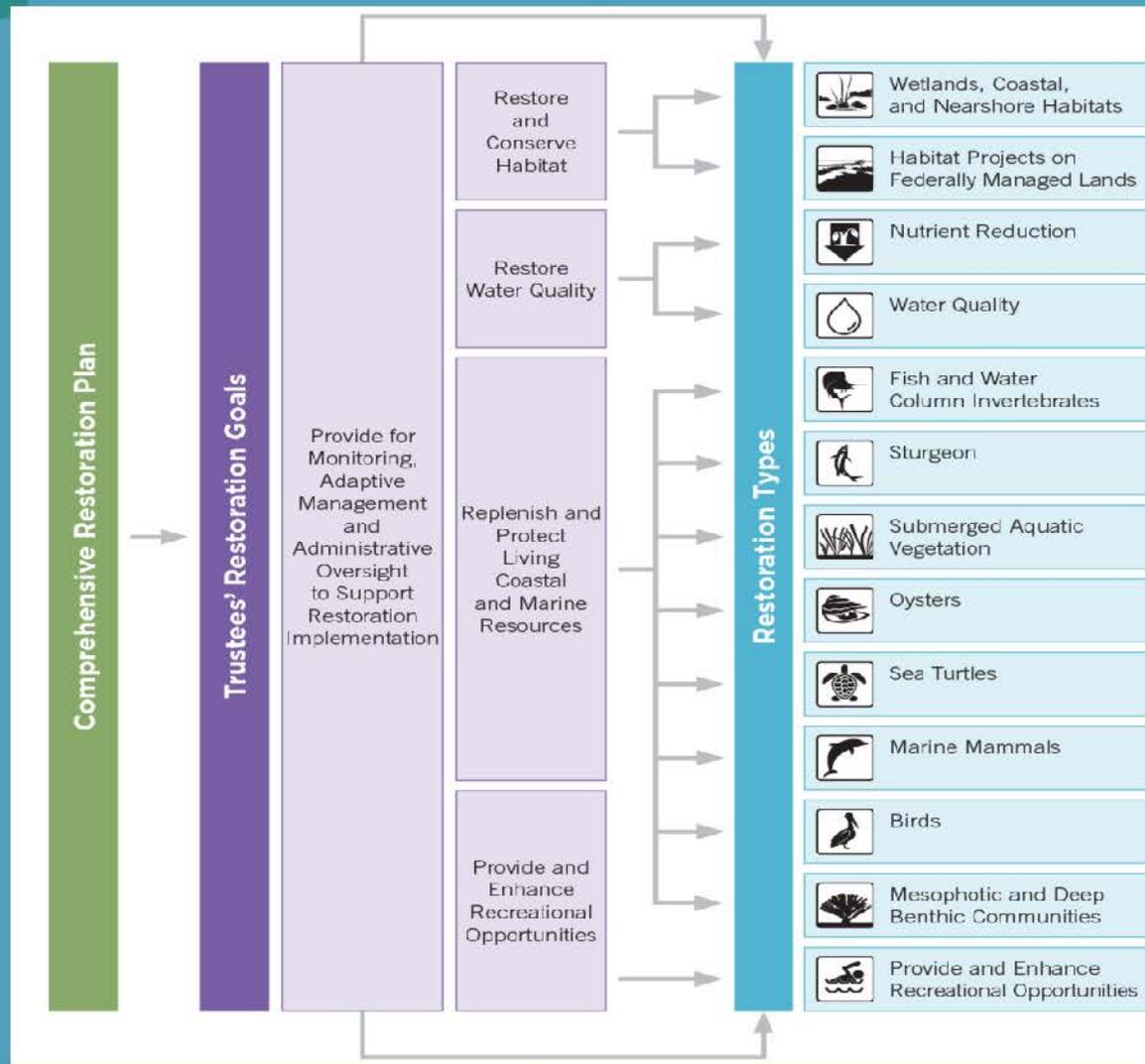
Early Restoration

APRIL 2017-2031
Trustees Release Reports & Receive
Payments of Settlement Funds Every April

APRIL 2011
\$1B Early
Restoration
Agreement
w/ BP



Programmatic Damage Assessment & Restoration Plan



Allocation of Restoration Funds

Restoration Funding in Dollars

Major Restoration Categories	Unknown Conditions	Region-wide	Open Ocean	Alabama	Florida	Louisiana	Mississippi	Texas	Total Restoration Funding*
1. RESTORE AND CONSERVE HABITAT									
Wetlands, Coastal, and Nearshore Habitats				65,000,000	5,000,000	4,009,062,700	55,500,000	100,000,000	4,234,562,700
Habitat Projects on Federally Managed Lands				3,000,000	17,500,000	50,000,000	5,000,000		75,500,000
Early Restoration Projects (through Phase IV)				28,110,000	15,629,367	259,625,700	80,000,000		383,365,067
2. RESTORE WATER QUALITY									
Nutrient Reduction (Nonpoint Source)				5,000,000	35,000,000	20,000,000	27,500,000	22,500,000	110,000,000
Water Quality (e.g. Stormwater Treatments, Hydrologic Restoration, Reduction of Sedimentation, etc.)					300,000,000				300,000,000
3. REPLENISH AND PROTECT LIVING COASTAL AND MARINE RESOURCES									
Fish and Water Column Invertebrates			380,000,000						380,000,000
Early Restoration Fish and Water Column			20,000,000						20,000,000
Sturgeon			15,000,000						15,000,000
Sea Turtles		60,000,000	55,000,000	5,500,000	20,000,000	10,000,000	5,000,000	7,500,000	163,000,000
Early Restoration Sea Turtles		29,255,165						19,965,000	49,221,165
Submerged Aquatic Vegetation						22,000,000			22,000,000
Marine Mammals		19,000,000	55,000,000	5,000,000	5,000,000	50,000,000	10,000,000		144,000,000
Birds		70,400,000	70,000,000	30,000,000	40,000,000	148,500,000	25,000,000	20,000,000	403,900,000
Early Restoration Birds		1,823,100		145,000	2,835,000	71,937,300		20,603,770	97,344,170
Mesophotic and Deep Benthic Communities			273,300,000						273,300,000
Oysters		63,372,413		10,000,000	20,000,000	26,000,000	20,000,000	22,500,000	162,872,413
Early Restoration Oysters				3,329,000	5,370,596	14,874,300	13,600,000		37,173,896
4. PROVIDE AND ENHANCE RECREATIONAL OPPORTUNITIES									
Provide and Enhance Recreational Opportunities				25,000,000	63,274,513	38,000,000	5,000,000		131,274,513
Early Restoration of Recreational Loss			23,397,916	85,505,305	120,543,167	22,000,000	18,957,000	18,582,688	287,986,076
5. MONITORING, ADAPTIVE MANAGEMENT, AND ADMINISTRATIVE OVERSIGHT									
Monitoring and Adaptive Management		65,000,000	200,000,000	10,000,000	10,000,000	225,000,000	7,500,000	2,500,000	520,000,000
Administrative Oversight and Comprehensive Planning		40,000,000	150,000,000	20,000,000	20,000,000	33,000,000	22,500,000	4,000,000	289,500,000
Adaptive Management NRD Payment for Unknown Conditions	700,000,000								700,000,000
TOTAL NRD FUNDING	\$700,000,000	\$349,851,678	\$1,240,697,916	\$295,589,305	\$680,152,643	\$5,000,000,000	\$295,557,000	\$238,151,458	

Governance

Trustee
Council

Trustee Implementation
Groups

Individual
Trustee
Agencies

Texas

*Trustees for
Texas*

*Federal
Trustees*

Louisiana

*Trustees for
Louisiana*

*Federal
Trustees*

Mississippi

*Trustee for
Mississippi*

*Federal
Trustees*

Alabama

*Trustees for
Alabama*

*Federal
Trustees*

Florida

*Trustees for
Florida*

*Federal
Trustees*

**Region-
wide**

All Trustees

**Open
Ocean**

*Federal
Trustees*

**Adaptive
Mgm't and
Unknown
Conditions**

All Trustees

Council Work Since Settlement

- Released first and second annual reports via DIVER data system
- Received first and second of 15 annual payments from BP
- Released revised Trustee Council Standard Operating Procedures

Council Work Since Settlement

Monitoring & Adaptive Management (MAM)

- Released the Monitoring & Adaptive Management Procedures and Guidelines Manual Version 1.0
- Developing data management system in DIVER
- Establishing mechanisms for coordination with other restoration efforts regarding MAM

Restoration Area Updates



Alabama Restoration Area

Alabama Restoration Area Representatives



- **Amy Hunter**, Alabama Department of Conservation and Natural Resources
- **Seth Newton**, Geological Survey of Alabama
- **Dan Van Nostrand**, National Oceanic and Atmospheric Administration
- **Brian Spears**, Department of the Interior
- **Chris Parker**, Environmental Protection Agency
- **Ron Howard**, U.S. Department of Agriculture

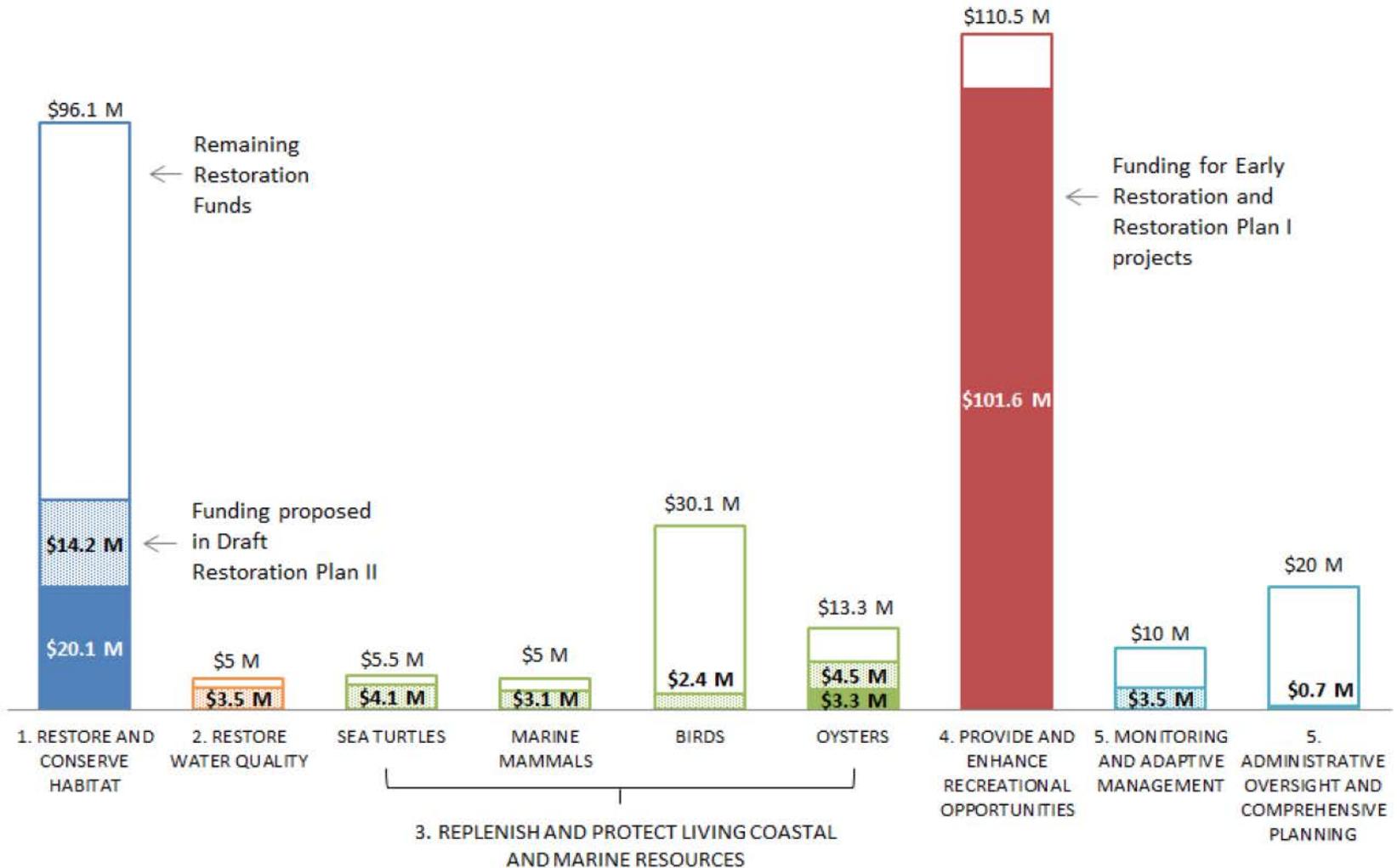


Funding Update

- The AL TIG has committed approximately \$126 million (43%) of its \$296 million in funding through early restoration projects, final post-settlement restoration plans, and resolutions.



Funding Update





Alabama Restoration Area

Current

- Continued implementation of Early Restoration Projects and projects from the Alabama TIG Restoration Plan I (Recreational Use)
- Working on finalizing the Alabama TIG Restoration Plan II (Ecological Restoration)
- Ongoing monitoring of implemented projects

Future

- Anticipate the release of the Final Alabama TIG Restoration Plan II (Ecological Restoration) in Fall 2018
- Continued implementation and monitoring of projects
- Alabama Restoration Summit on October 11, 2018 at Spanish Fort Community Center



Florida Restoration Area

FL Restoration Area Representatives



- **Phil Coram**, Florida Department of Environmental Protection
- **Gareth Leonard**, Florida Fish and Wildlife Conservation Commission
- **Dianne Ingram**, Department of the Interior
- **Amy Newbold**, U.S. Environmental Protection Agency
- **Laurie Rounds**, National Oceanic and Atmospheric Administration
- **Ron Howard**, U.S. Department of Agriculture

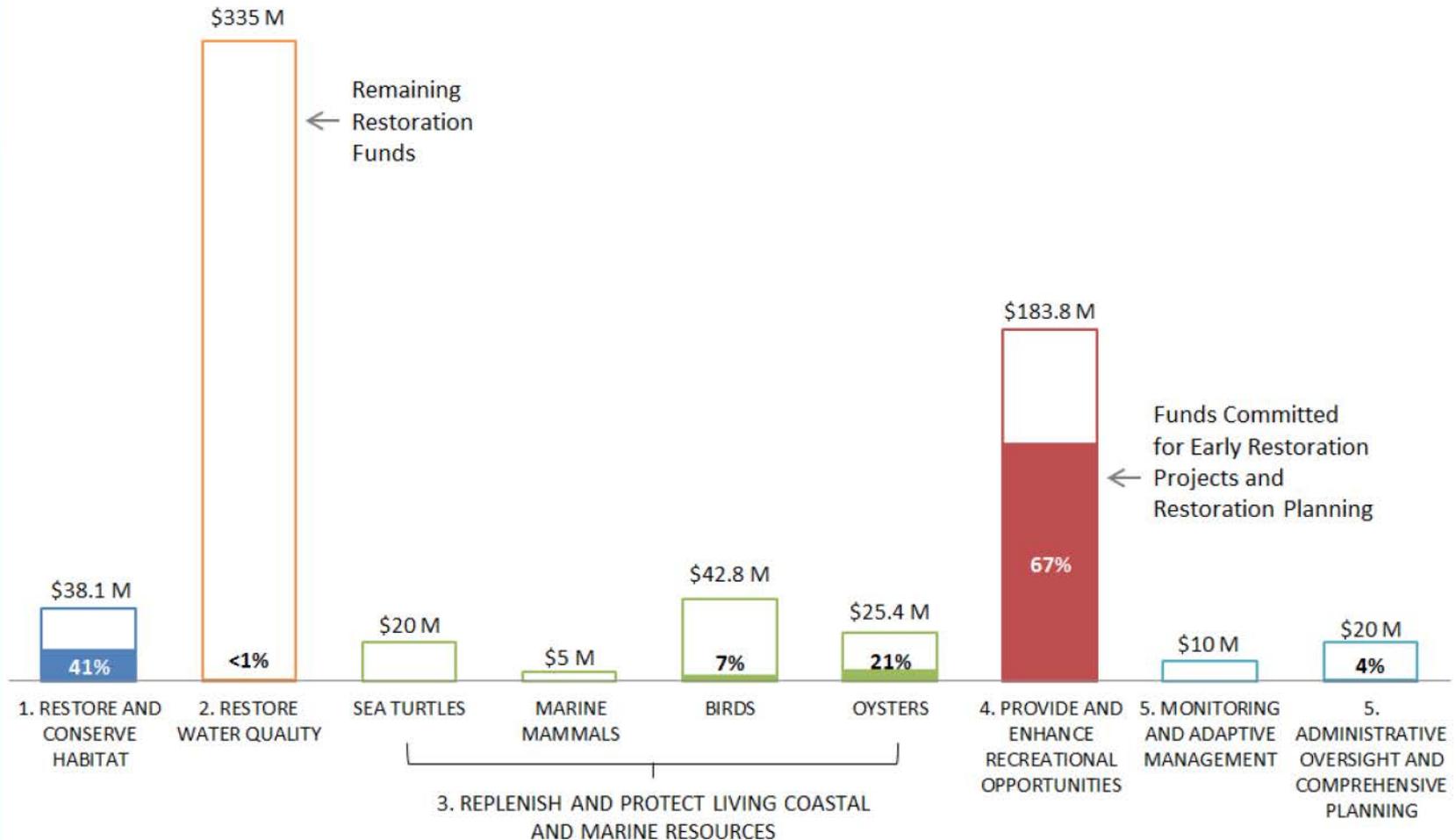


Funding Update

- The FL TIG has committed approximately \$148 million (22%) of its \$680 million in funding through early restoration projects, developing restoration plans, and resolutions.



Funding Update





Florida Restoration Area

Current

- Continued Implementation of 25 Early Restoration projects
- Ongoing monitoring of Early Restoration projects that have completed implementation
- Implement project approved for the 2nd Phase of the Florida Coastal Access Project (Phase V of Early Restoration)

Future

- Anticipate releasing the FL TIG's first post-settlement draft restoration plan in September
- Continue implementation of Early Restoration projects and initiate monitoring on those projects
- Anticipate initiating restoration planning for the second post-settlement restoration plan in late fall of 2018



Louisiana Restoration Area

LA Restoration Area Representatives



- **Michael Ellis**, Louisiana
- **John Tirpak**, Department of the Interior
- **Mel Landry**, National Oceanic and Atmospheric Administration
- **Doug Jacobson**, U.S. Environmental Protection Agency
- **Ron Howard**, U.S. Department of Agriculture

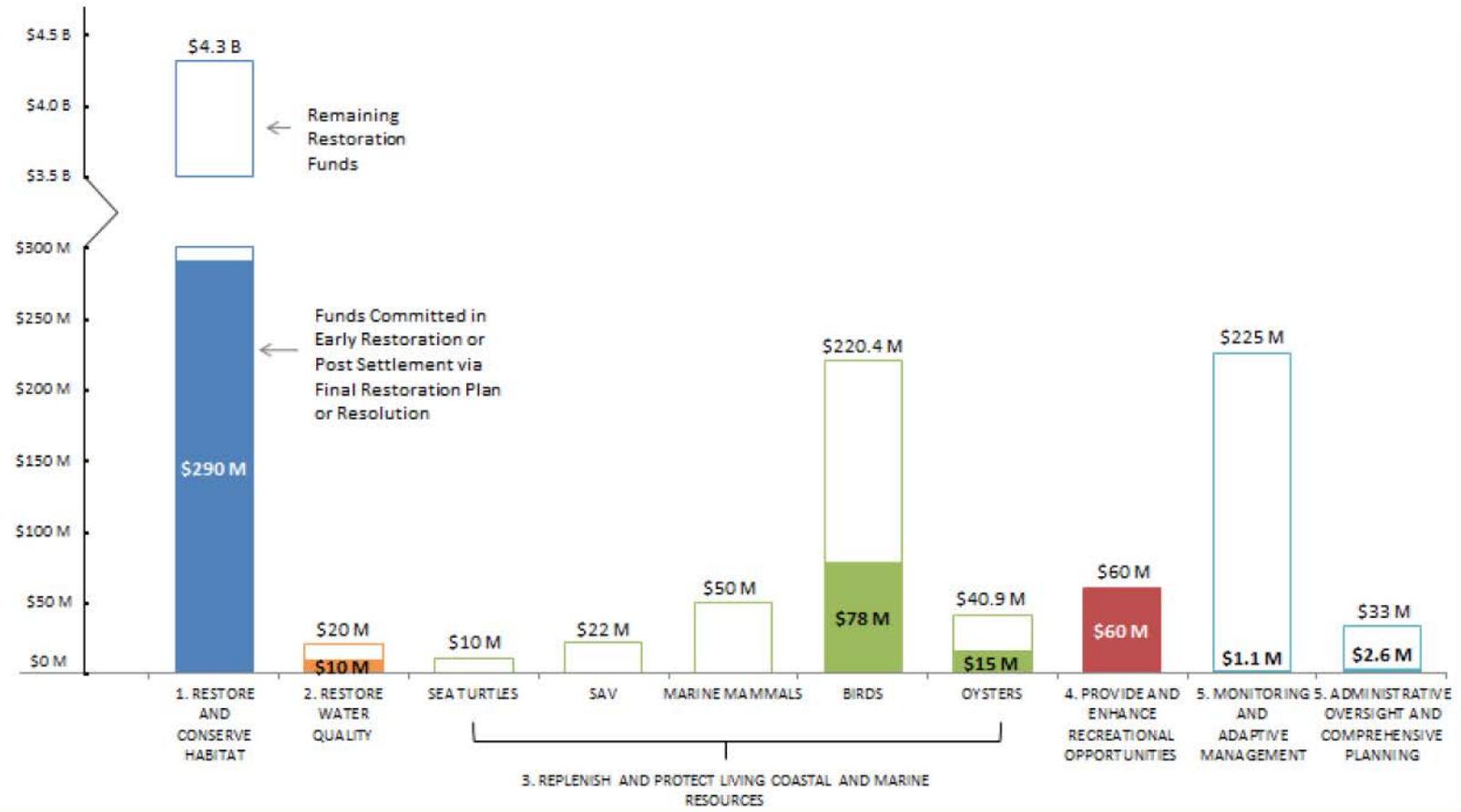


Funding Update

- The LA TIG has committed approximately \$455 million of its \$5 billion in funding through early restoration projects, final post-settlement restoration plans, and resolutions.



Funding Update





Recent LA TIG Activities

- **Restoration Plan #1: *Habitat and Birds***
- **Restoration Plan #2: *Provide and Enhance Recreational Opportunities***
- **Strategic Restoration Plan #3: *Barataria Basin***
- **Restoration Plan #4: *Nutrient Reduction and Provide and Enhance Recreational Opportunities***
- ***Monitoring & Adaptive Management***



Future Restoration Plans

Restoration Plan #1 - Phase II Plan(s)

- Evaluation of design alternatives for 6 projects in Restoration Plan 1 - Phase I

Restoration Plan #3 (Barataria Strategic Plan) – Phase II Plans

- Evaluation of design alternatives for Large-scale Barataria Marsh Creation - Component E
- Evaluation of alternatives for the Mid-Barataria Sediment Diversion
- Evaluation of Marsh and Ridge Projects for Outcome-Based Performance Contracting

Living Coastal & Marine Resources Restoration Plan(s)

- Birds, Oysters, SAV, Marine Mammals, & Turtles



Mississippi Restoration Area

MS Restoration Area Representatives



- **Gary Rikard**, Mississippi Department of Environmental Quality
- **Brian Spears**, Department of the Interior
- **Dan Van Nostrand**, National Oceanic and Atmospheric Administration
- **Ron Howard**, U.S. Department of Agriculture
- **Troy Pierce**, U.S. Environmental Protection Agency

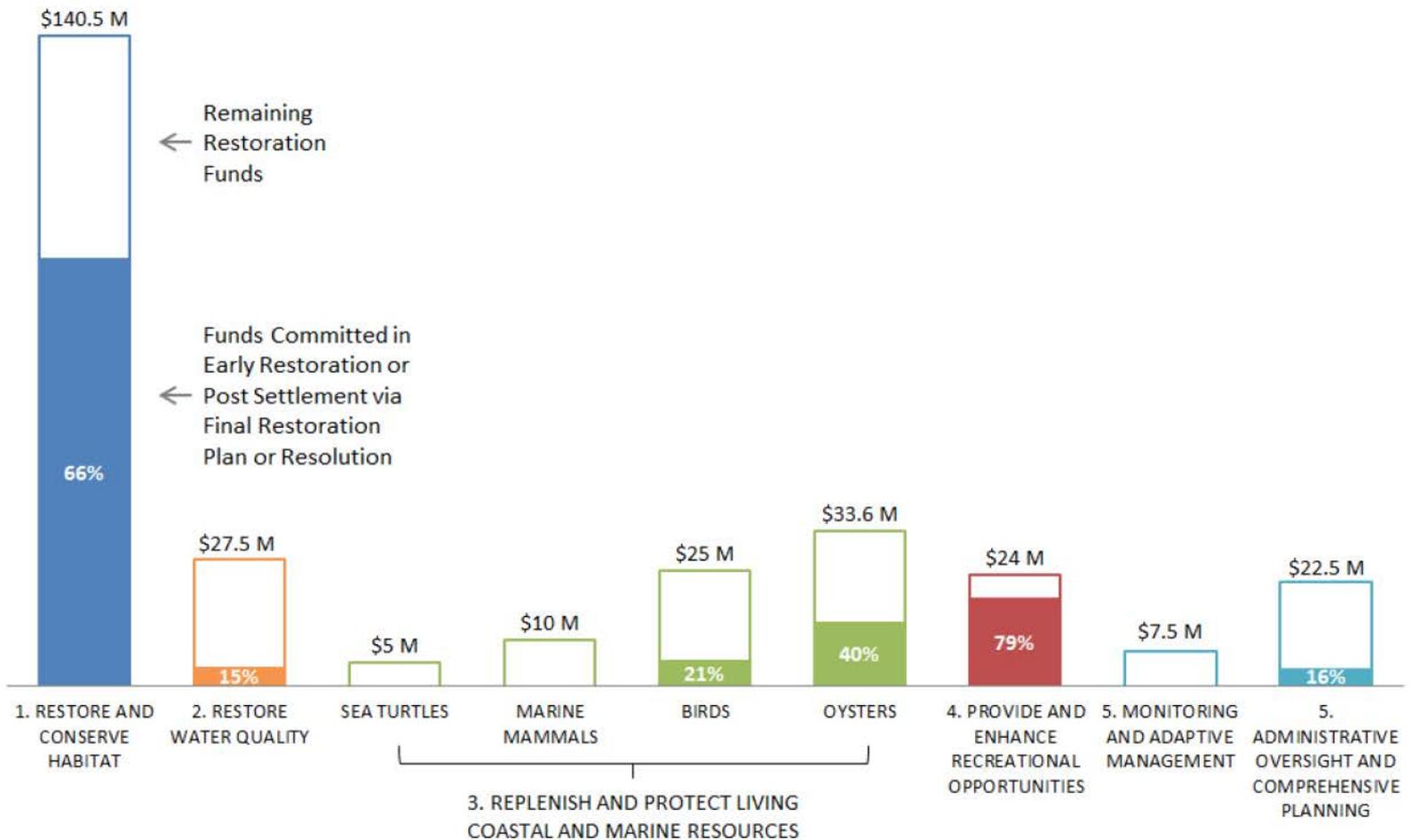


Funding Update

- The MS TIG has committed approximately \$137.7 (47%) of its \$295 million in funding through early restoration projects, final post-settlement restoration plans, and resolutions.



Funding Update





Mississippi Restoration Area

Current

- Continued implementation of 5 Early Restoration projects and monitoring on 2 completed Early Restoration projects
- Continued engineering/design and implementation of 3 projects from the Mississippi TIG 2016-2017 Restoration Plan/Environmental Assessment
- In June 2018 the MS TIG requested project ideas from the public for our second restoration plan. Call for ideas closes August 10.

Future

- Draft the second MS TIG restoration plan
- Continue implementation and monitoring of projects
- Will hold a MS TIG Annual Meeting this fall



Texas Restoration Area

TX Restoration Area Representatives



- **Don Pitts**, Texas Parks and Wildlife Department
- **Richard Seiler**, Texas Commission on Environmental Quality
- **Angela Sunley**, Texas General Land Office
- **Chip Wood**, U.S. Department of the Interior
- **Jamie Schubert**, National Oceanic and Atmospheric Admin.
- **Ron Howard**, U.S. Department of Agriculture
- **Doug Jacobson**, U.S. Environmental Protection Agency

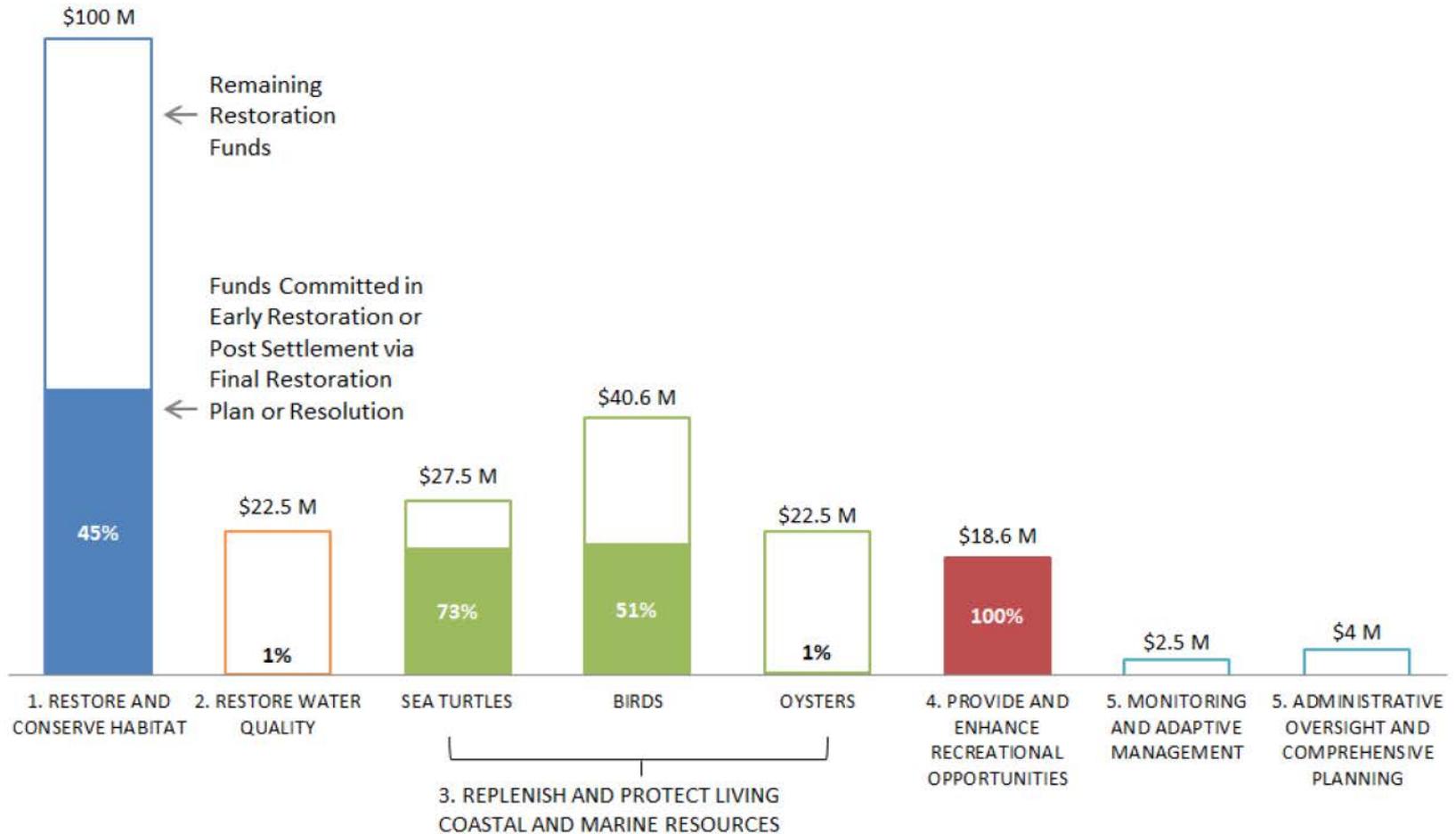


Funding Update

- The TX TIG has committed approximately \$104.5 million (44%) of its \$238 million in funding through early restoration projects, final post-settlement restoration plans, and resolutions.



Funding Update





Texas Restoration Area

Current

- Continued implementation and monitoring of 7 Early Restoration Projects
- Implementation of engineering studies to identify critical water quality and oyster restoration priorities
- Implementation of the 13 projects approved in the Final Texas TIG 2017 Restoration Plan/Environmental Assessment

Future

- Continued implementation and monitoring of projects
- The TX TIG intends to solicit project ideas from the public in advance of drafting a second restoration plan



Open Ocean Restoration Area

Open Ocean Restoration Area Representatives



- **Laurie Rounds**, National Oceanic and Atmospheric Administration
- **Ashley Mills**, U.S. Department of the Interior
- **Ron Howard**, U.S. Department of Agriculture
- **Gale Bonanno**, U.S. Environmental Protection Agency

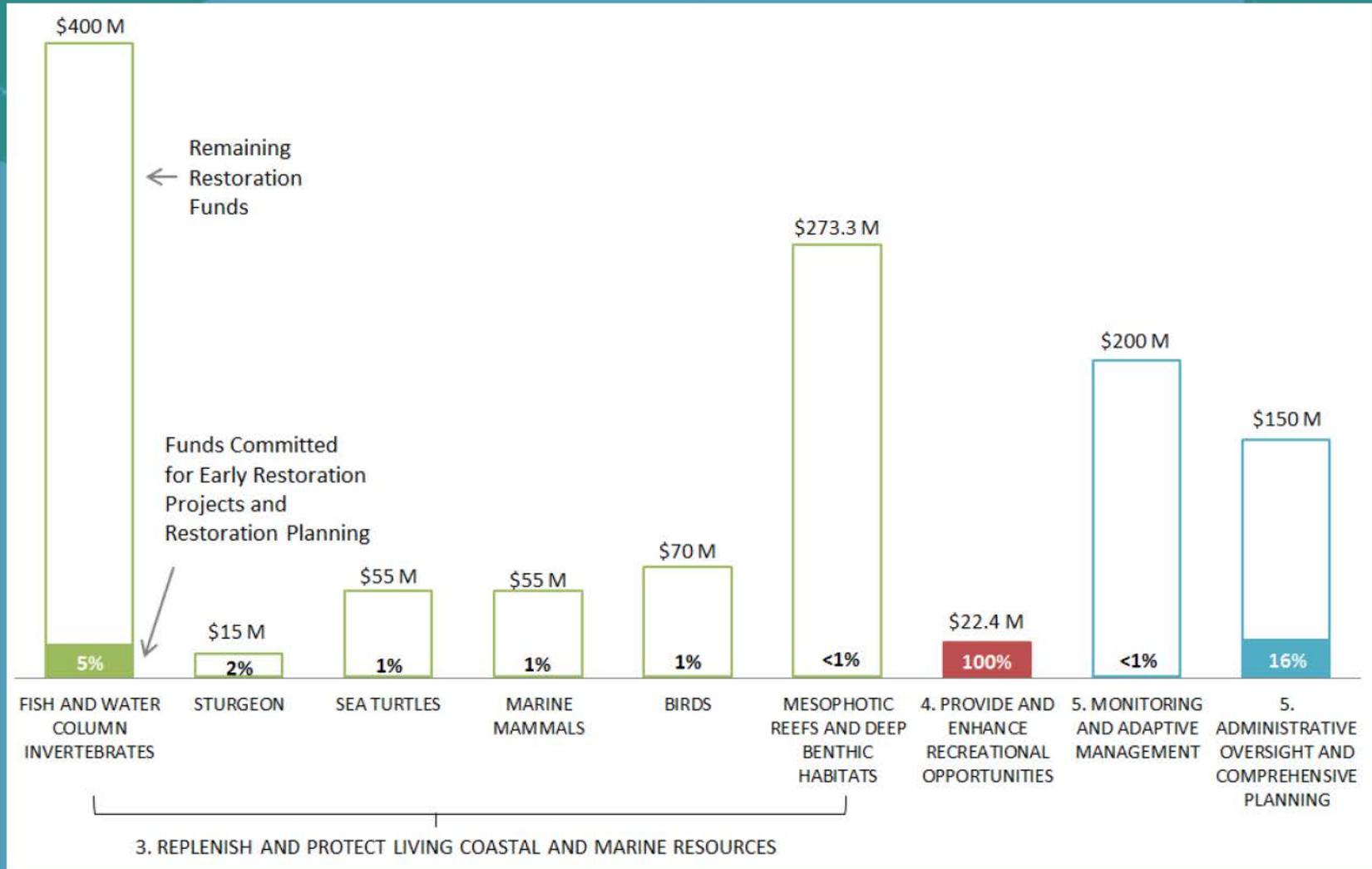


Funding Update

- The OO TIG has committed approximately \$70 million (6%) of its \$1.2 billion in funding to:
 - implement early restoration projects;
 - conduct restoration planning and outreach;
 - develop restoration plans; and
 - effectively provide administrative oversight and comprehensive planning for the federal trustees across all TIGs.



Funding Update





Open Ocean Restoration Area

Current

- **Conducting engineering/design, implementation, and monitoring of 5 Early Restoration Projects**
- **Developing two restoration plans**
 - **Restoration Plan 1 focuses on Birds and Sturgeon and is anticipated to be released this summer**
 - **Restoration Plan 2 focuses on Fish, Sea Turtles, Marine Mammals, and Mesophotic and Deep Benthic Communities. It is anticipated to be released in late 2018 or early 2019**

Future

- **Continue implementation and monitoring for Early Restoration projects**
- **Release Draft Restoration Plans 1 and 2 for public comment and then finalize plans**
- **Hold additional public outreach and engagement opportunities**
- **Develop priorities to address critical information gaps and monitoring needs for restoration**



Region-wide Restoration Area

Region-Wide Restoration Area

Representatives

- **Amy Hunter**, Alabama
- **Gareth Leonard**, Florida
- **Michael Ellis**, Louisiana
- **Christopher Wells**, Mississippi
- **Angela Sunley**, Texas
- **Chris Pease**, Department of the Interior
- **Jamie Schubert**, National Oceanic and Atmospheric Administration
- **Ron Howard**, U.S. Department of Agriculture
- **Tim Landers**, U.S. Environmental Protection Agency

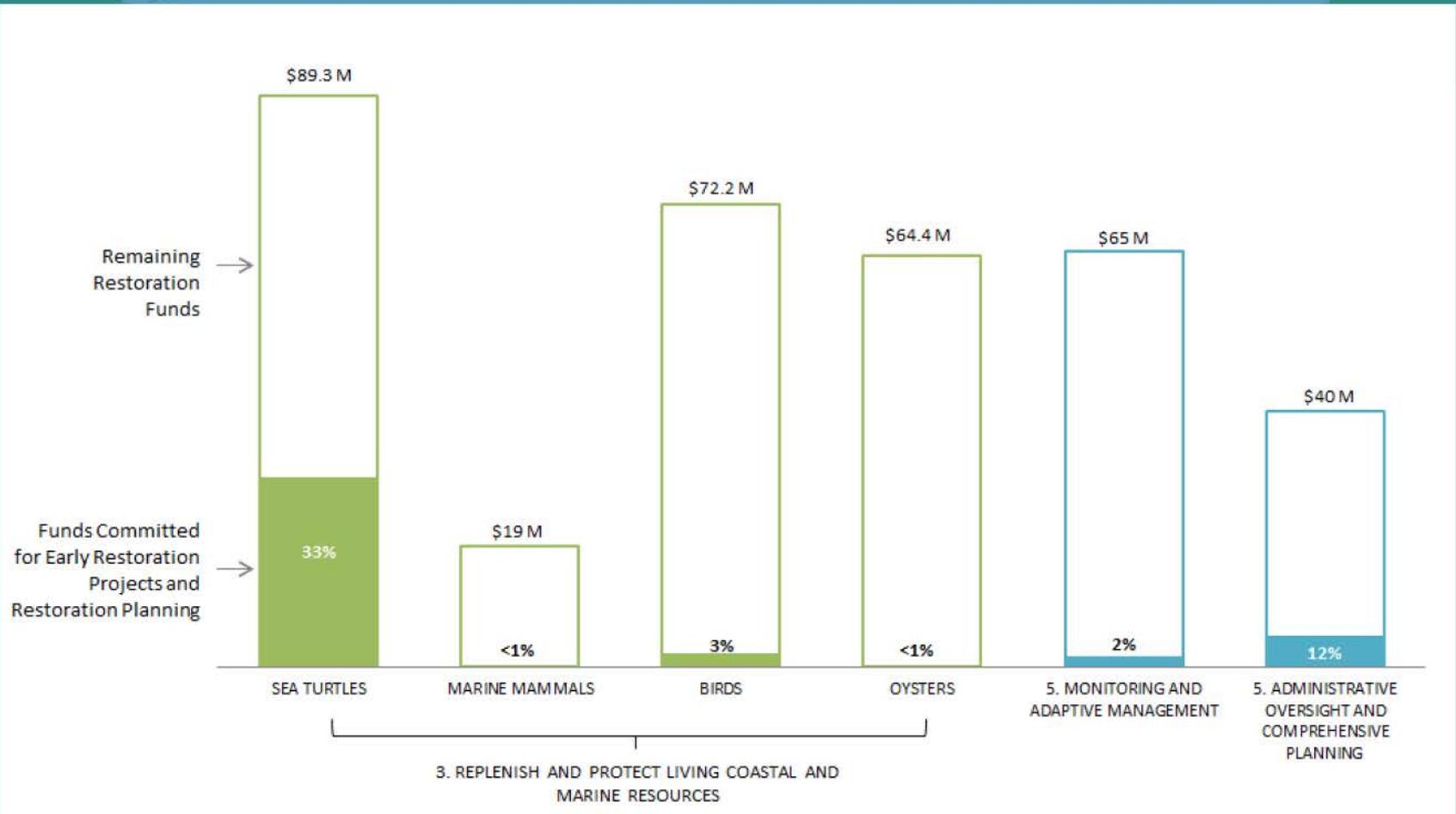


Funding Update

- The RW TIG has committed approximately \$27 million (11%) of its \$349 million in funding through early restoration projects and resolutions.



Funding Update





Region-Wide Restoration Area

Current

- Continued implementation and monitoring of 3 Early Restoration Projects
- In coordination with the Trustee Council provide funding for:
 - Administrative support for the Council and all TIGs
 - Cross-TIG Monitoring & Adaptive Management Workgroup activities

Future

- Developing scope and schedule of upcoming restoration planning efforts for Sea Turtles, Marine Mammals, Birds, and Oysters
- Continued implementation and monitoring of projects

Comments

Thank you