

**Inventory of Oyster
Restoration Projects in
the Gulf of Mexico**

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Pew Charitable Trust**

Project objectives

- Compile a database of oyster restoration projects funded since the 2010 DWH oil spill
- Identify funding source, project lead, location and project duration
- Summarize objectives, outcomes, products and other project metrics
- Provide project reports, manuscripts and other products where possible
- Summarize data by funding source, location, objectives etc
- Compile project reports, presentations and publications for public access
- Create a report summarizing project metadata and outcomes

Funding Sources

National Fish and Wildlife Foundation (NFWF)	\$116,779,683 (27)
Restore Act (Funding Buckets 1-5)	\$ 40,395,665 (20)
Natural Resource Damage Assessment (NRDA)	\$ 68,917,682 (16)
Gulf of Mexico Research Initiative (GOMRI)	\$ 574,814 (3)
National Academies of Science Engineering and Medicine, Gulf Research Program (NASEM-GRP)	\$ 469,374 (1)
Additional funding (various sources)	\$ 70,962,146

Geographic distribution of funded projects

Texas
9 projects
\$13,480,345

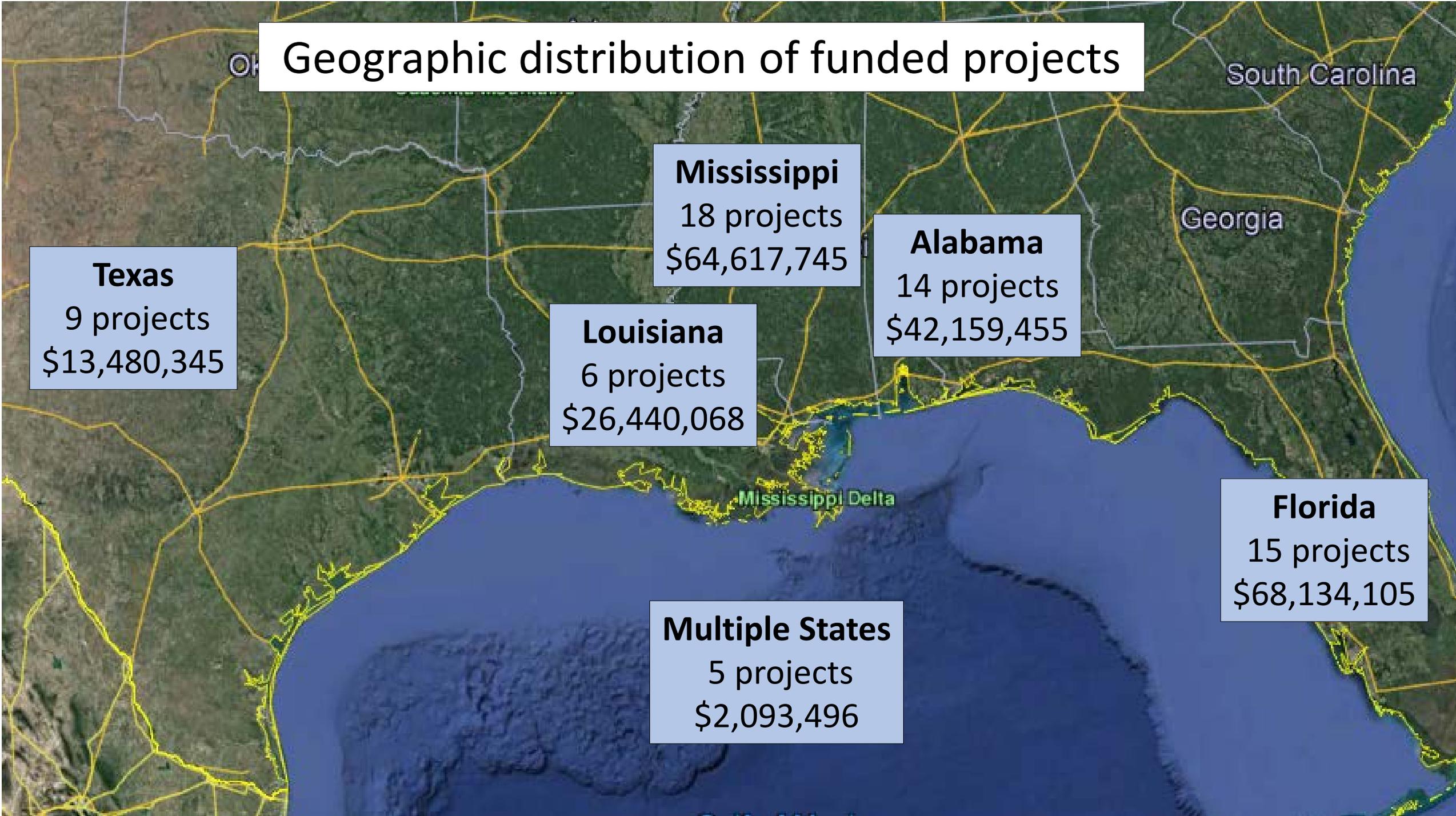
Mississippi
18 projects
\$64,617,745

Louisiana
6 projects
\$26,440,068

Alabama
14 projects
\$42,159,455

Multiple States
5 projects
\$2,093,496

Florida
15 projects
\$68,134,105



Focus of funded projects

48 Projects focused primarily on oysters and included the following categories

- **Habitat enhancement (19):** Placement of materials to restore or enhance oyster reefs
- **Research (18):** Projects included effects of oil on oysters, ecological data collection and modeling, habitat mapping, hydrodynamic modeling
- **Habitat creation (7):** Construction of oyster habitat using solid structures
- **Aquaculture (4):** Hatchery operations to produce larvae for research and restoration
- **Shell recycling (2):** Collection, curing and distributing recycled shell for restoration
- **Decision support (1):** Development of a decision support tool for oyster farming
- **Planning (1):** Design, engineering and permitting for restoration projects

Focus of funded projects

11 Projects were secondarily focused on oysters

- **Decision support (4):** Data synthesis and ecological modeling to support management and conservation decisions
- **Habitat creation (2):** Construction of breakwaters and living shorelines
- **Planning (2):** Design and engineering for restoration/enhancement of marsh and oyster habitats
- **Research (1):** Data synthesis on biological and physical effects of living shorelines
- **Aquaculture (1):** Training for off-bottom oyster aquaculture
- **Outreach (1):** Local seafood promotion

Focus of funded projects

8 Projects were marginally focused on oysters

- **Planning (3):** Design and engineering of living shorelines, and restoration planning
- **Habitat creation (2):** Construction of breakwaters and marsh restoration
- **Decision support (1):** Data synthesis of ecological health and ecosystem services indicators to develop management decision support tool
- **Research (1):** Testing novel approach to assessing PAH levels in oysters and shrimp
- **Habitat enhancement (1):** Wetland and coastal land acquisition for conservation

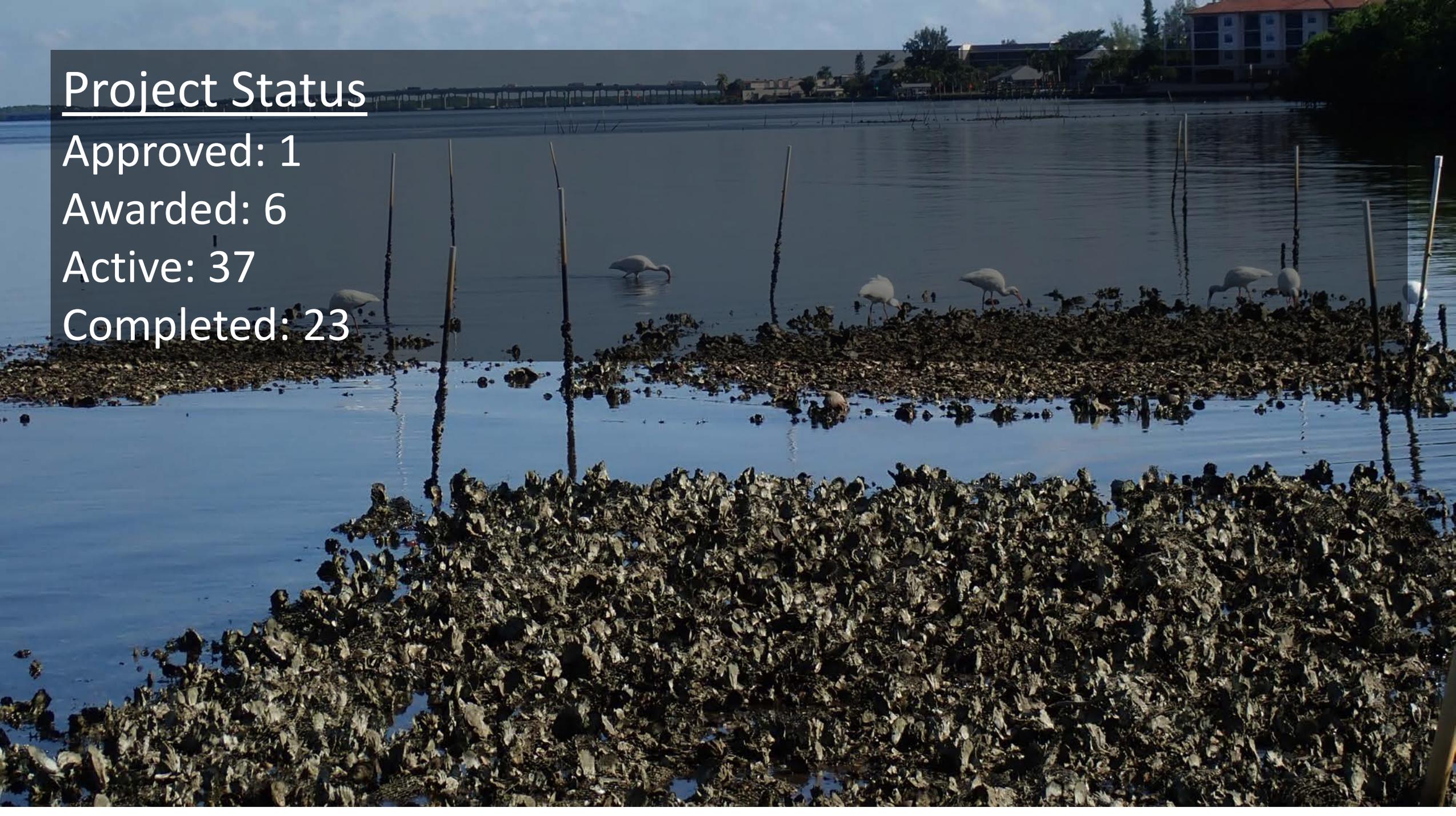
Project Status

Approved: 1

Awarded: 6

Active: 37

Completed: 23



Project Status

Approved: Restoration goals – 33,000 yd³ cultch deployed (area undefined)

Awarded: Restoration goals - > 1000 acres of oyster reef

Active: Restoration goals - 1,068 acres of oyster reef, 7,306 acres of other coastal habitats, 16 miles of living shoreline

Completed: Restored 2,522 acres of oyster reef and 5,506 ft of living shoreline

Questions?

