



TEXAS COASTAL RESILIENCY MASTER PLAN

MARCH 2019

George P. Bush, Commissioner, Texas General Land Office



- A vision to protect coastal communities, infrastructure, and ecological assets from coastal hazards
- Offers nature-based as well as structural and non-structural solutions that form a Multiple Lines of Defense approach
- Through local expertise and stakeholder input from the Technical Advisory Committee, 123 Tier 1 Projects are recommended

Planning Team



State & federal agencies

Universities

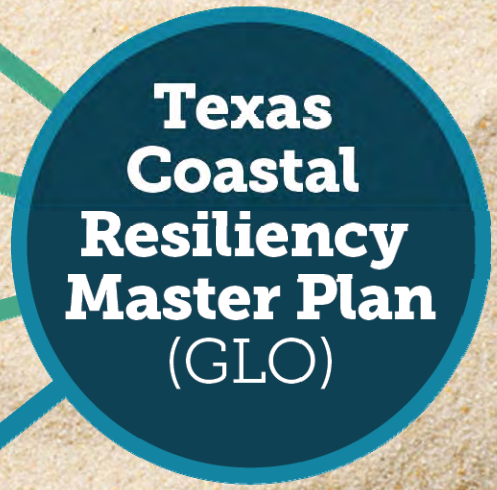
Local governments

Non-profits

Engineering firms

Port representatives

Regional trusts, foundations & partnerships



AECOM

HRI

Crouch

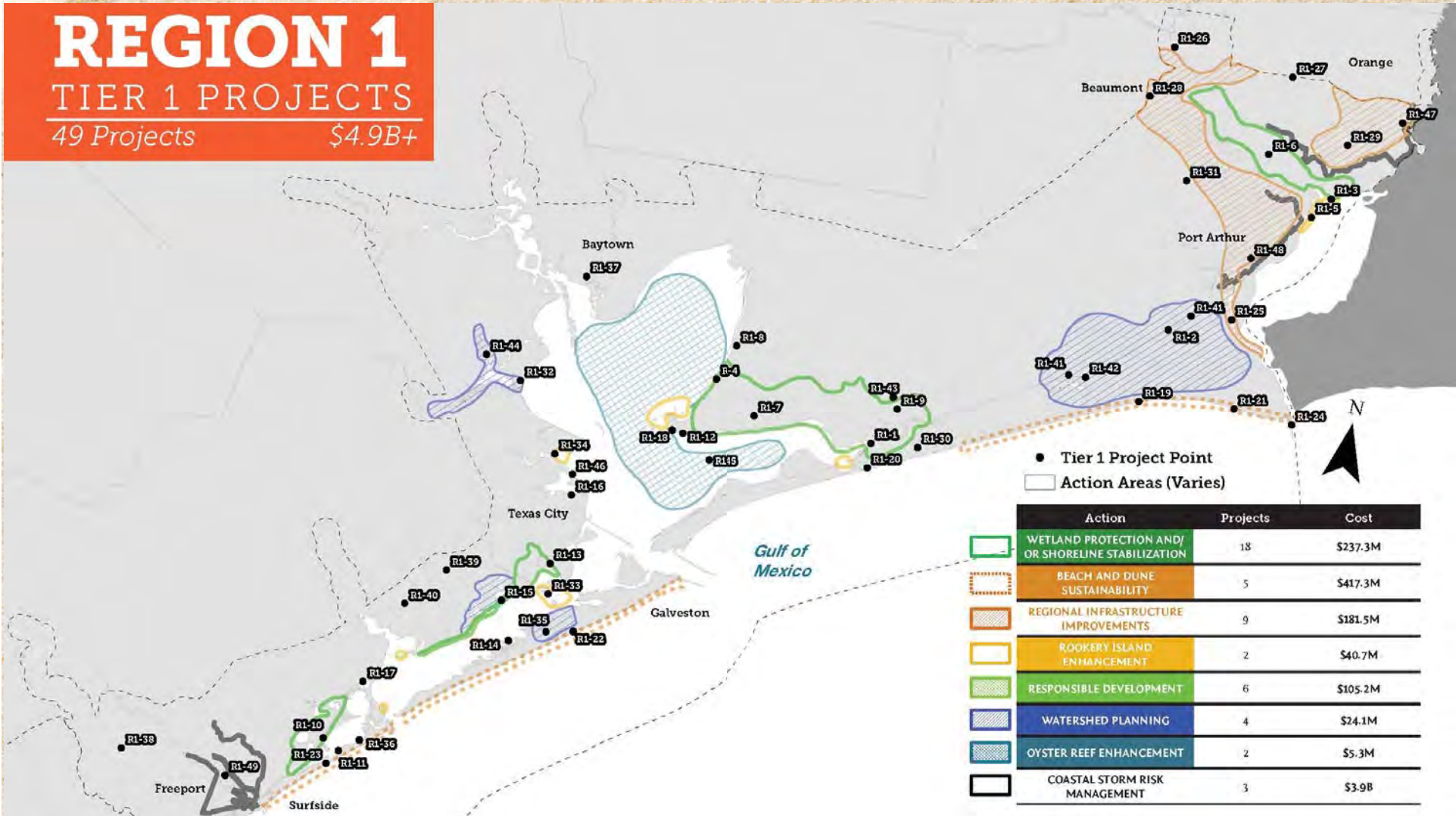
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REGION 1

TIER 1 PROJECTS

49 Projects

\$4.9B+



- Tier 1 Project Point
- Action Areas (Varies)

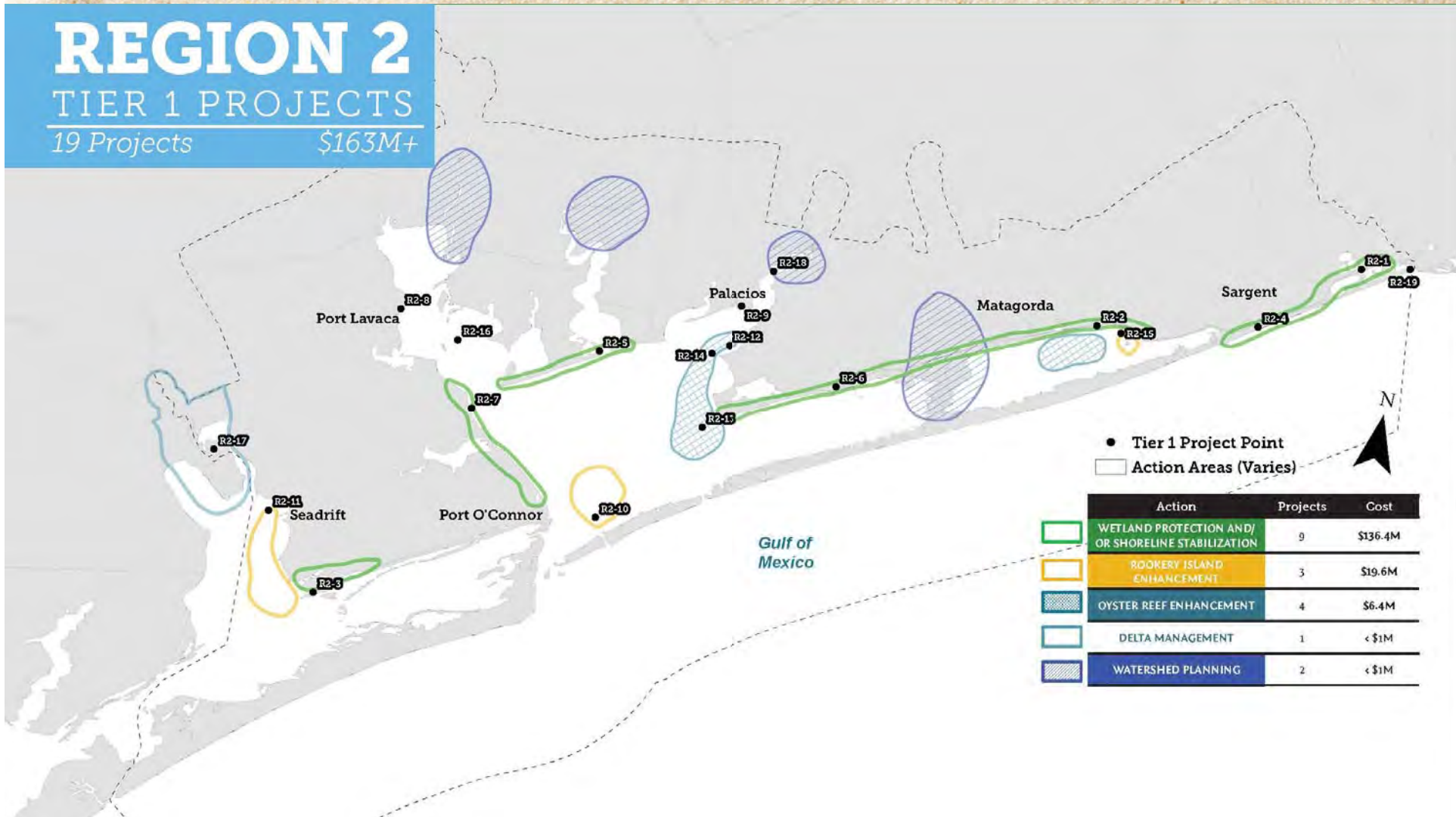
| Action | Projects | Cost |
|---|----------|----------|
| WETLAND PROTECTION AND/OR SHORELINE STABILIZATION | 18 | \$237.3M |
| BEACH AND DUNE SUSTAINABILITY | 5 | \$417.3M |
| REGIONAL INFRASTRUCTURE IMPROVEMENTS | 9 | \$181.5M |
| ROOKERY ISLAND ENHANCEMENT | 2 | \$40.7M |
| RESPONSIBLE DEVELOPMENT | 6 | \$105.2M |
| WATERSHED PLANNING | 4 | \$24.1M |
| OYSTER REEF ENHANCEMENT | 2 | \$5.3M |
| COASTAL STORM RISK MANAGEMENT | 3 | \$3.9B |

REGION 2

TIER 1 PROJECTS

19 Projects

\$163M+



- Tier 1 Project Point
- Action Areas (Varies)

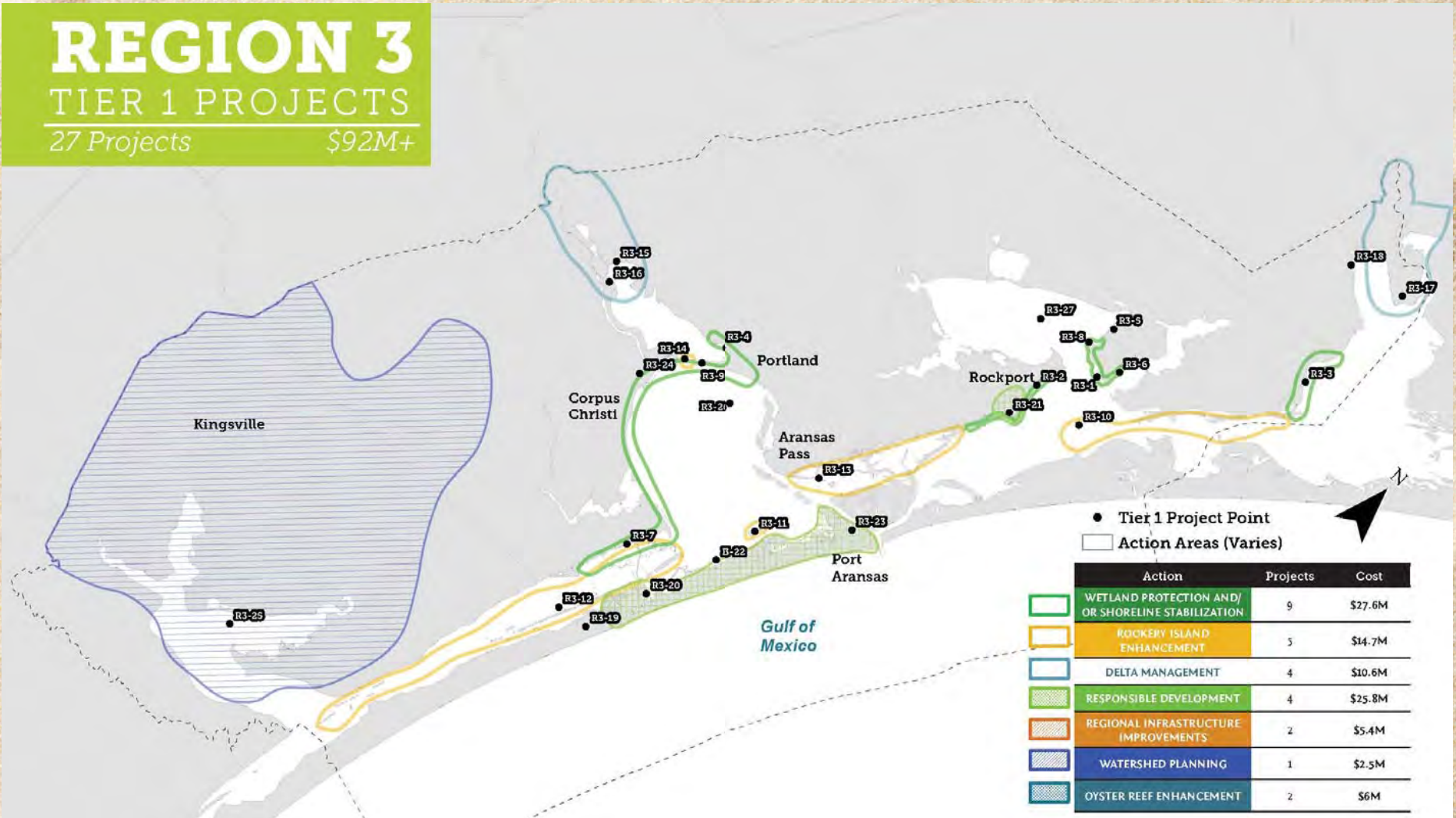
| Action | Projects | Cost |
|---|----------|----------|
| WETLAND PROTECTION AND/OR SHORELINE STABILIZATION | 9 | \$136.4M |
| ROOKERY ISLAND ENHANCEMENT | 3 | \$19.6M |
| OYSTER REEF ENHANCEMENT | 4 | \$6.4M |
| DELTA MANAGEMENT | 1 | < \$1M |
| WATERSHED PLANNING | 2 | < \$1M |

REGION 3

TIER 1 PROJECTS

27 Projects

\$92M+

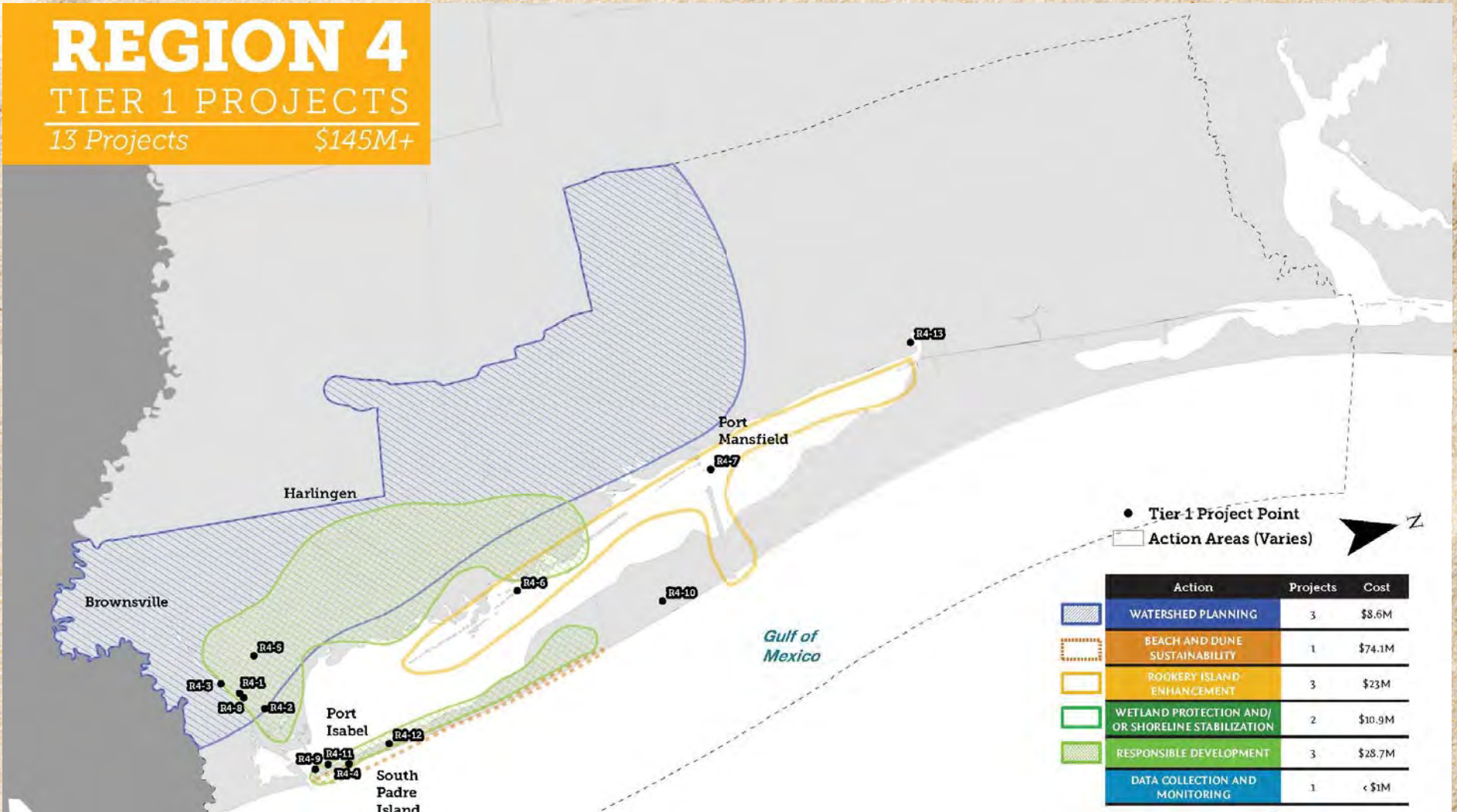


REGION 4

TIER 1 PROJECTS

13 Projects

\$145M+





COASTAL RESILIENCY MASTER PLAN

The Texas General Land Office is pleased to present the 2019 Texas Coastal Resiliency Master Plan – the second installment of a statewide plan to protect and promote a vibrant and resilient Texas coast that supports and sustains a strong economy and healthy environment for all who live, work, play or otherwise benefit from the natural resources and infrastructure along the Texas coast.

The Texas coast is an integrated network of built infrastructure and natural environments that should be considered in partnership to understand and achieve coastal resiliency. The state's natural coastal environments contribute resources and invaluable ecosystem services – such as cultural and recreational benefits, seafood, flood prevention and habitat productivity – that bolster business development, improve quality of life, and attract people to Texas. The coast's built environments provide the support services, transportation and infrastructure systems that allow communities, businesses and families to grow and flourish up and down the coast.

The Resiliency Master Plan recommends 123 Tier 1 projects that mitigate coastal hazards and address high priority needs along the Texas coast. The projects are a combination of built and nature-based strategies to enhance community resiliency along the coast and were identified through data gathering and modeling. The projects were thoroughly reviewed and vetted by a Technical Advisory Committee, made up of coastal experts, local officials, and the GLO.

2019

- [2019 Master Plan Overview](#)
- [2019 Master Plan](#)
- [Master Plan Story Map](#)
- [Coastwide Projects Story Map](#)
- [Region 1 Projects Map](#)
- [Region 1 Modeling Data Viewer](#)
- [Region 2 Projects Map](#)
- [Region 2 Modeling Data Viewer](#)
- [Region 3 Projects Map](#)
- [Region 3 Modeling Data Viewer](#)
- [Region 4 Projects Map](#)
- [Region 4 Modeling Data Viewer](#)

2017

- [2017 Executive Summary](#)
- [2017 Master Plan](#)
- [2017 Technical Report](#)

www.glo.texas.gov/crmp