Deepwater Horizon Restoration

In the Barataria-Terrebonne NEP

NOAA Restoration Center
National Oceanic and Atmospheric Administration
U.S. Department of Commerce

Deepwater Horizon

The Beginning

At 9:45pm on April 20th, 2010, the Deepwater Horizon Oil Rig exploded and sank nearly a mile below the Gulf's surface. Eleven workers were killed and the the largest marine oil spill in U.S. history began.

BTNEP Response

Protecting Projects

Responding to Oiled Wildlife

BTNEP Response

Oil Spill Selfies

The Aftermath

Leaked petroleum formed a slick over more than 57,500 square miles of the Gulf of Mexico.

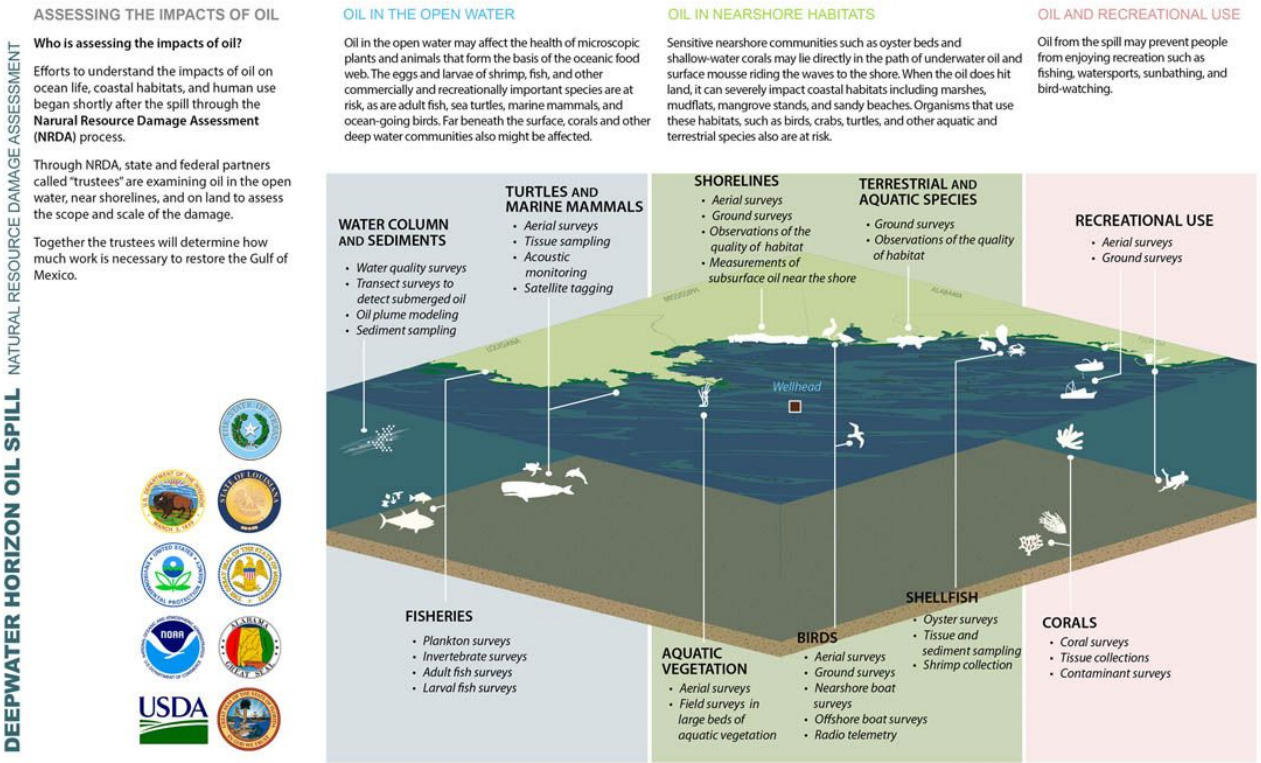
More than 1,300 miles of oiled Shoreline

More than one third of federal Gulf waters were closed to fishing at the peak of the spill; fishing, tourism, and other industries struggled to survive.

"Basically everywhere the oil went, it created harm."

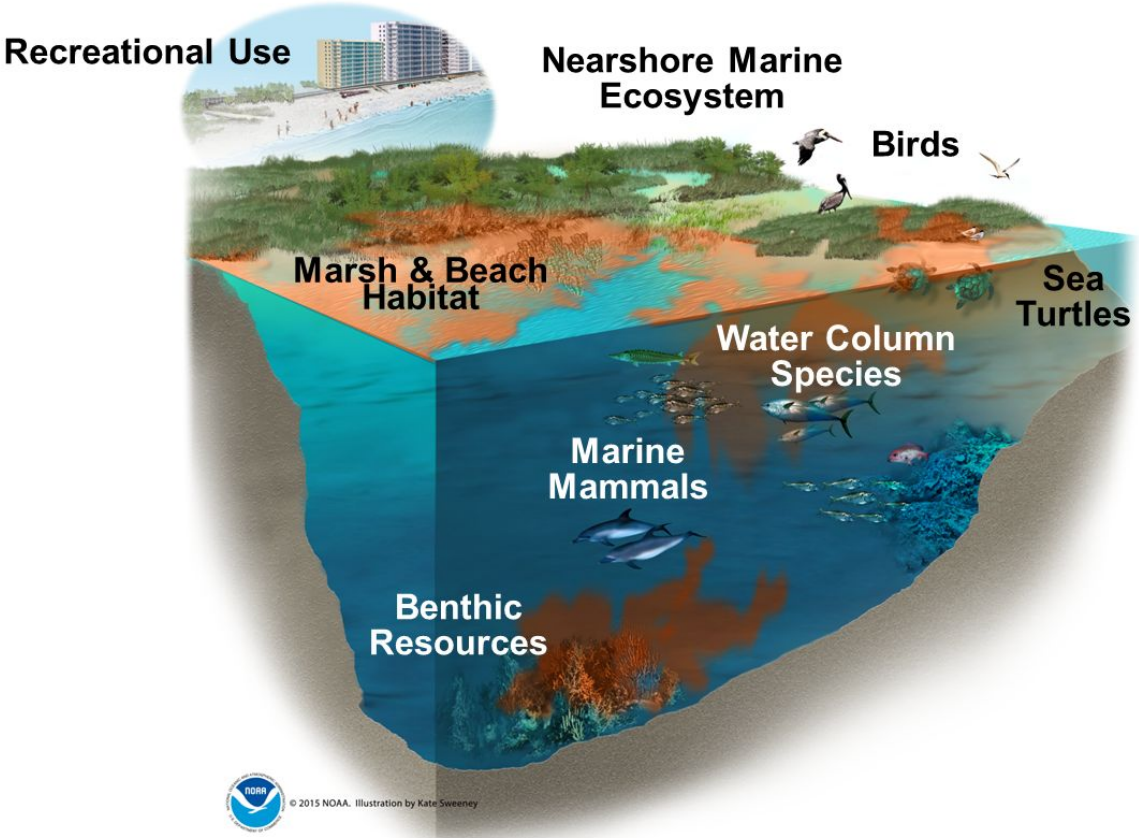
-DONALD BOESCH,
President of the
University of Maryland

The Assessment

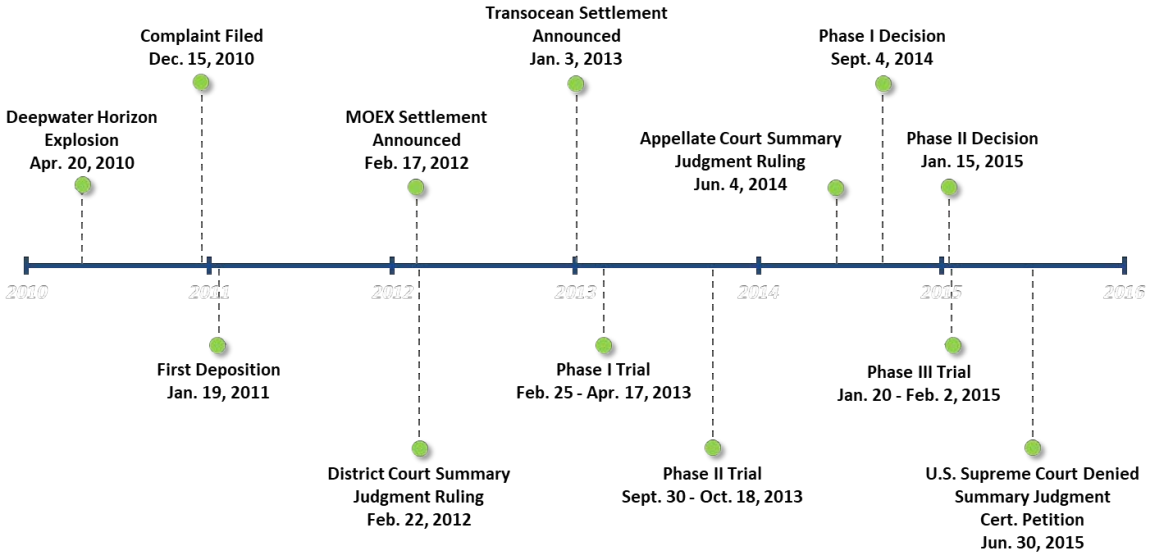


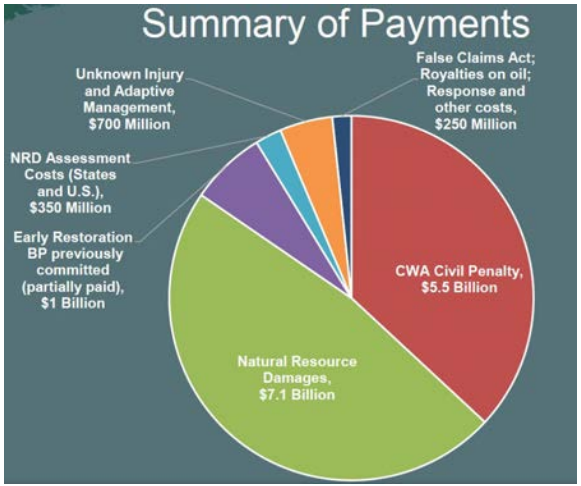
DWHdiver.ORR.NOAA.gov

The Impact

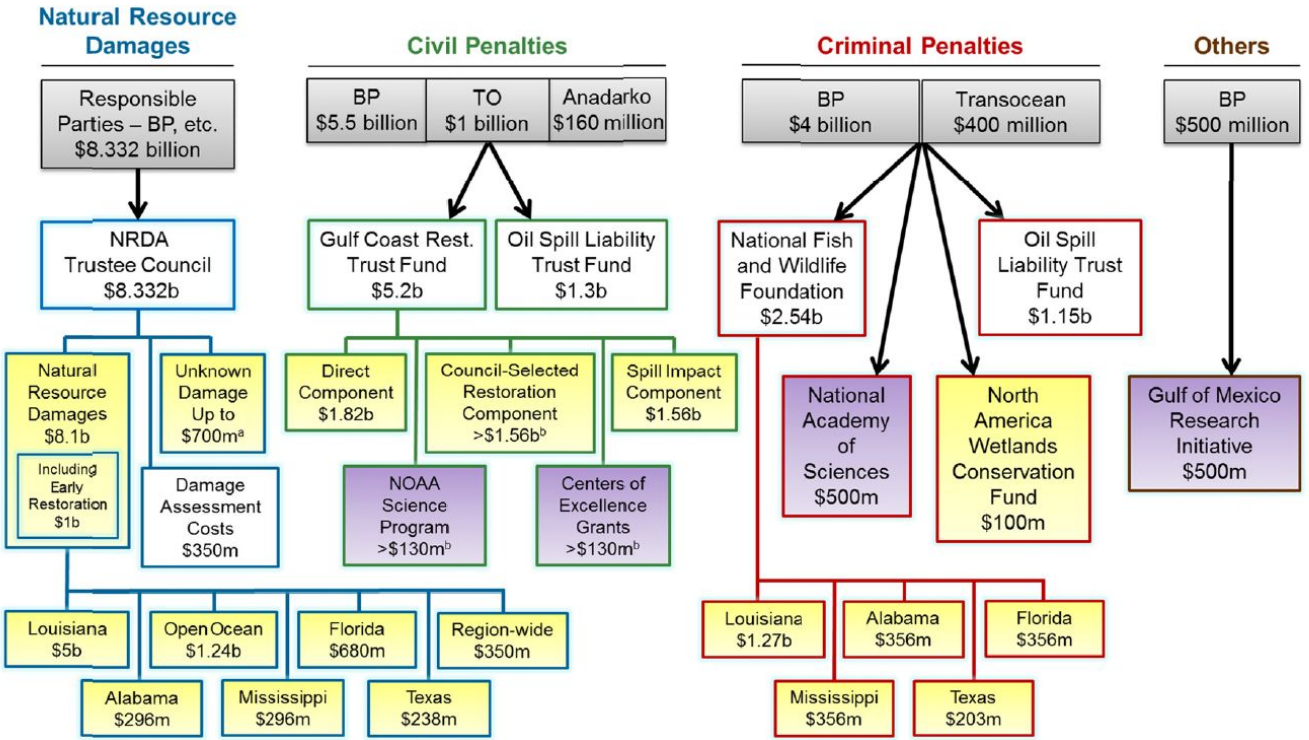

Recreational Use
Nearshore Marine Ecosystem
Birds
Marsh & Beach Habitat
Sea Turtles
Water Column Species
Marine Mammals
Benthic Resources
© 2015 NOAA. Illustration by Kate Sweeney

The Settlement(s)





Funding



SOURCE: Effective Monitoring to Evaluate Ecological Restoration in the Gulf of Mexico, NASEM (2017). Available at: https://www.nap.edu/catalog/23476/effective-monitoring-to-evaluate-ecological-restoration-in-the-gulf-of-mexico. National Academies of Sciences, Engineering, and Medicine. 2022. An Approach for Assessing U.S. Gulf Coast Ecosystem Restoration: A Gulf Research Program Environmental Monitoring Report. Washington, DC: The National Academies Press. https://doi.org/10.17226/26335.

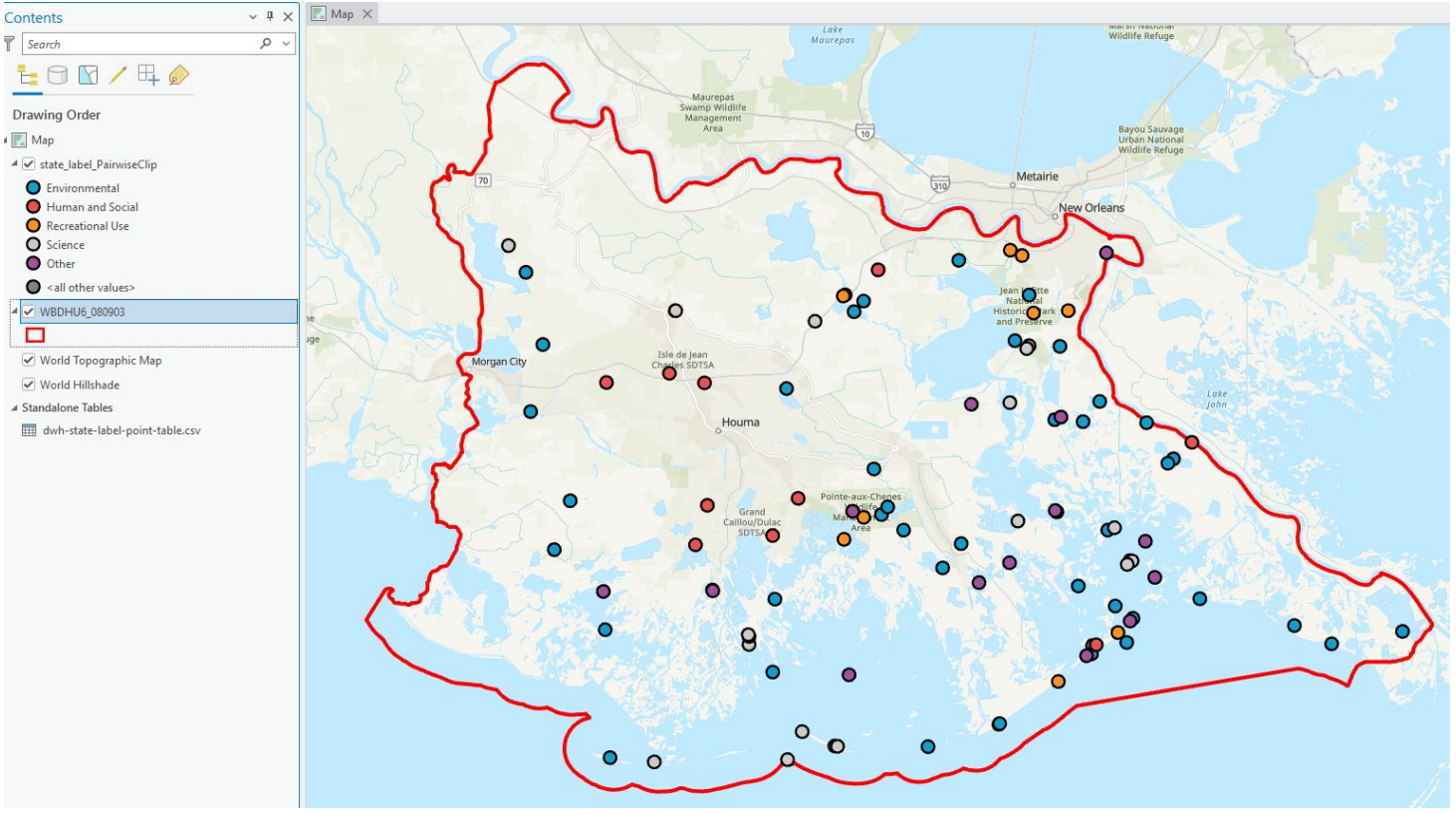
Payments

Table 1: Payment Schedule for Civil Penalty		
Payment Date	Assumed Year	Amount
Anniversary of the Effective Date	2017	$379,310,345
Anniversary of the Effective Date	2018	$189,655,172
Anniversary of the Effective Date	2019	$379,310,345
Anniversary of the Effective Date	2020	$379,310,345
Anniversary of the Effective Date	2021	$379,310,345
Anniversary of the Effective Date	2022	$379,310,345
Anniversary of the Effective Date	2023	$379,310,345
Anniversary of the Effective Date	2024	$379,310,345
Anniversary of the Effective Date	2025	$379,310,345
Anniversary of the Effective Date	2026	$379,310,345
Anniversary of the Effective Date	2027	$379,310,345
Anniversary of the Effective Date	2028	$379,310,345
Anniversary of the Effective Date	2029	$379,310,345
Anniversary of the Effective Date	2030	$379,310,345
Anniversary of the Effective Date	2031	$379,310,343
Total:		**$5,500,000,000**

Table 2: Payment Schedule for $7.1 Billion Payment for Natural Resource Damages		
Payment Date	Assumed Year	Amount
Anniversary of the Effective Date	2017	$489,655,172
Anniversary of the Effective Date	2018	$244,827,586
Anniversary of the Effective Date	2019	$489,655,172
Anniversary of the Effective Date	2020	$489,655,172
Anniversary of the Effective Date	2021	$489,655,172
Anniversary of the Effective Date	2022	$489,655,172
Anniversary of the Effective Date	2023	$489,655,172
Anniversary of the Effective Date	2024	$489,655,172
Anniversary of the Effective Date	2025	$489,655,172
Anniversary of the Effective Date	2026	$489,655,172
Anniversary of the Effective Date	2027	$489,655,172
Anniversary of the Effective Date	2028	$489,655,172
Anniversary of the Effective Date	2029	$489,655,172
Anniversary of the Effective Date	2030	$489,655,172
Anniversary of the Effective Date	2031	$489,655,178
Total:		**$7,100,000,000**

DWH Project Tracker

https://dwhprojecttracker.org/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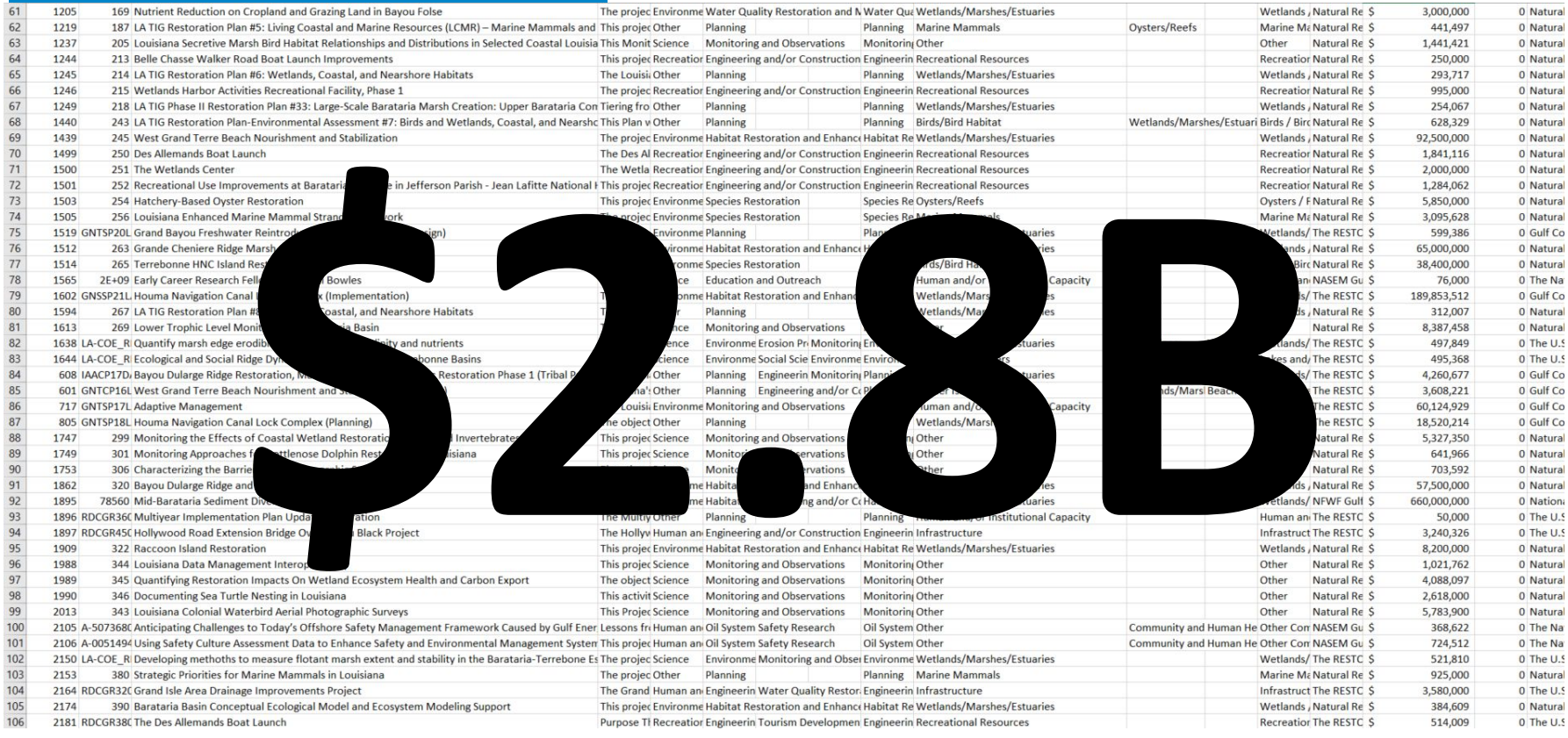
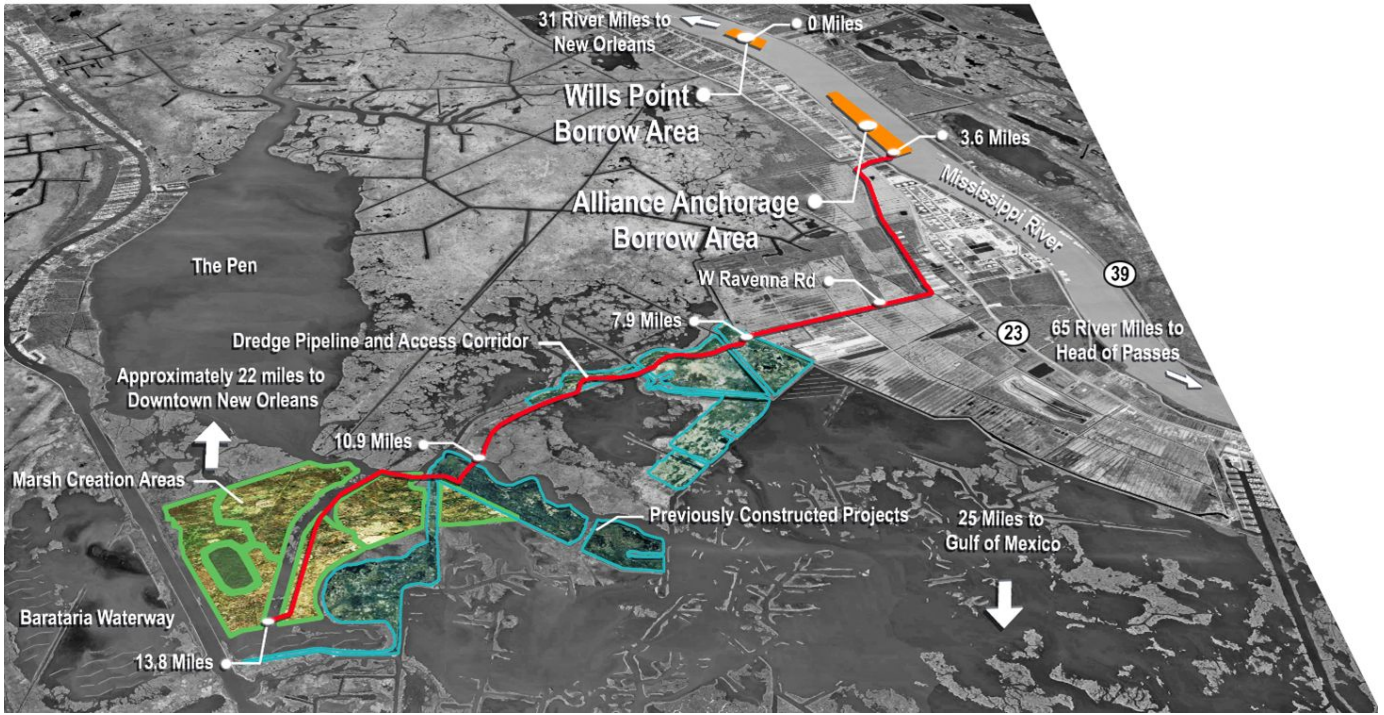
Search
Drawing Order
Map
state_label_PairwiseClip
Environmental
Human and Social
Recreational Use
Science
Other
<all other values>
WBDHU6_080903
World Topographic Map
World Hillshade
Standalone Tables
dwh-state-label-point-table.csv
Map
Lake Maurepas
Maurepas Swamp Wildlife Management Area
Bayou Sauvage Urban National Wildlife Refuge
Metairie
New Orleans
Morgan City
Isle de Jean Charles SDTSA
Houma
Grand Caillou/Dulac SDTSA
Pointe-aux-Chenes
Lake John

Investment in the Barataria & Terrebonne Basins



Upper Barataria Marsh Creation



Upper Barataria Marsh Creation

Upper Barataria Marsh Creation

Upper Barataria Marsh Creation

Construction, maintenance, and monitoring to cost up to **$151 million**

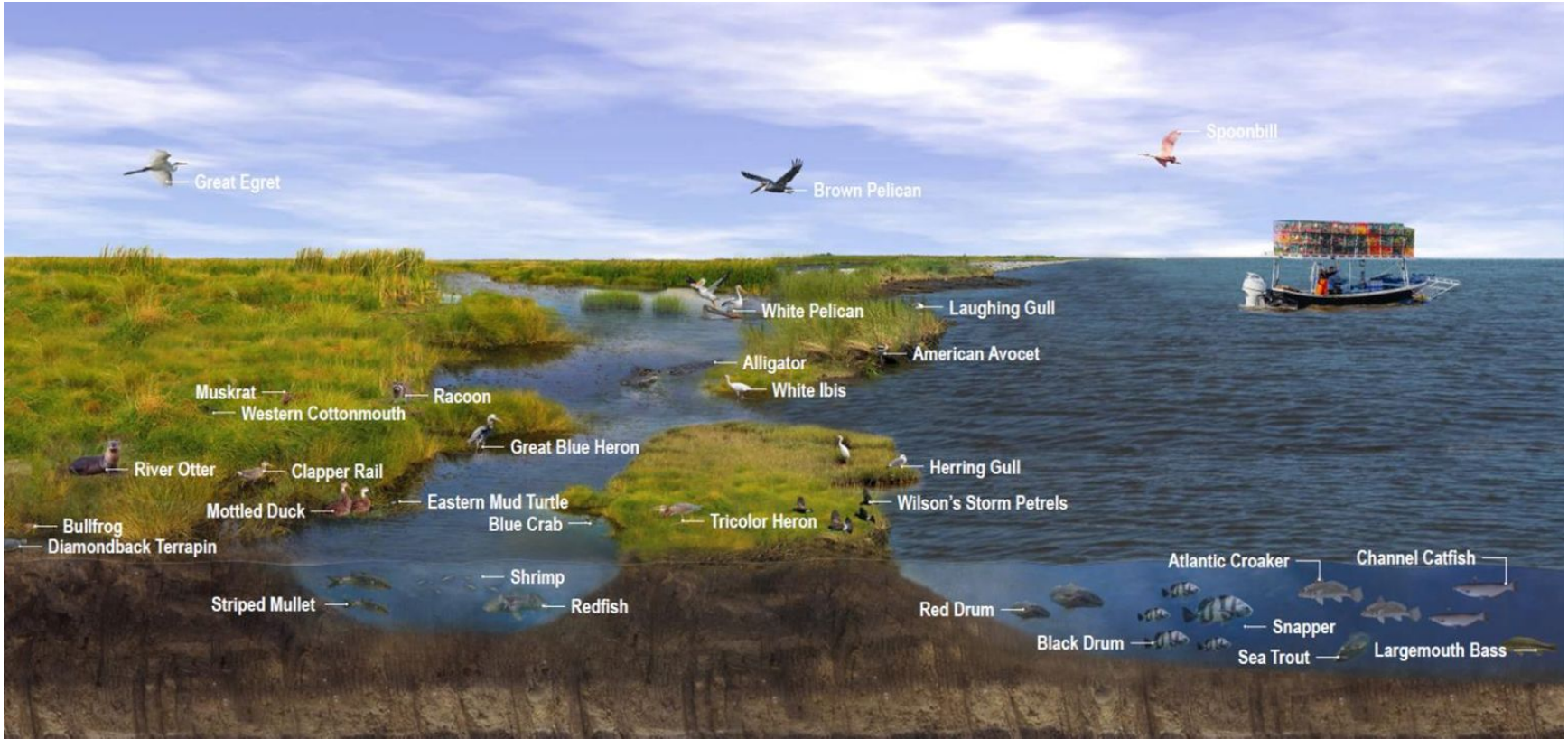
Provide more than **140 construction-related jobs**

Sediment is pumped **over 13 miles** from the Mississippi River borrow area dredging to the marsh creation area

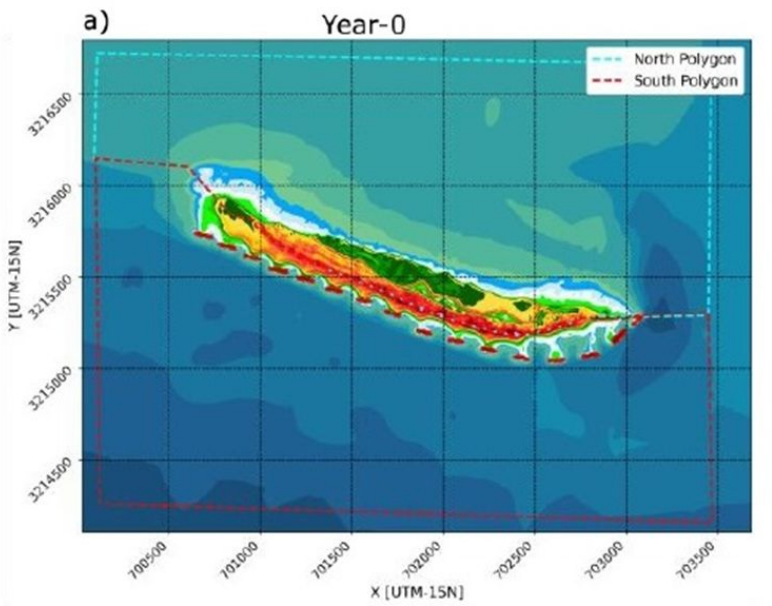
Fill marsh creation areas with approximately **8.4 million cubic yards** of sediment

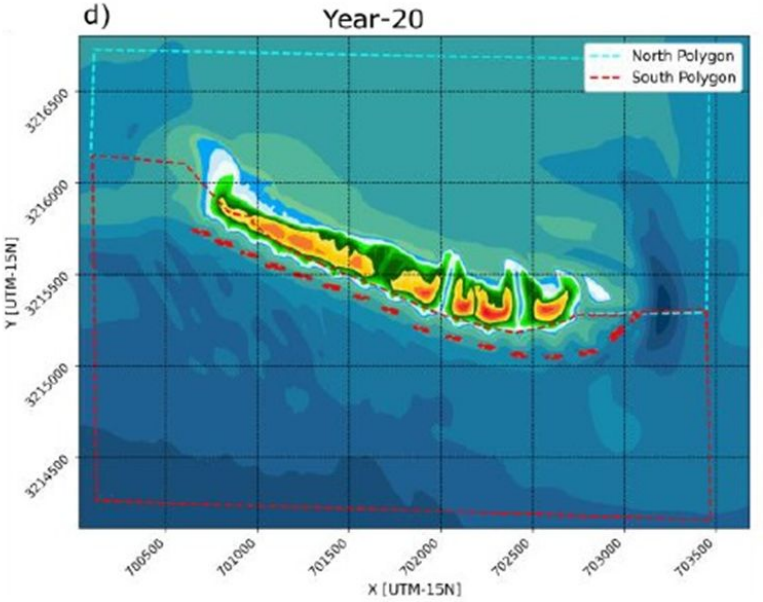
Create up to **1,183 acres** of intertidal wetlands and marsh

Upper Barataria Marsh Creation

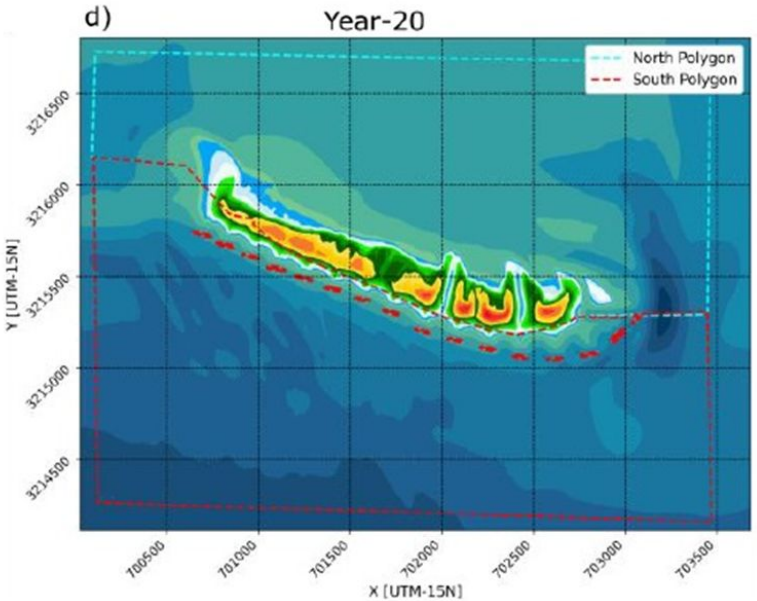


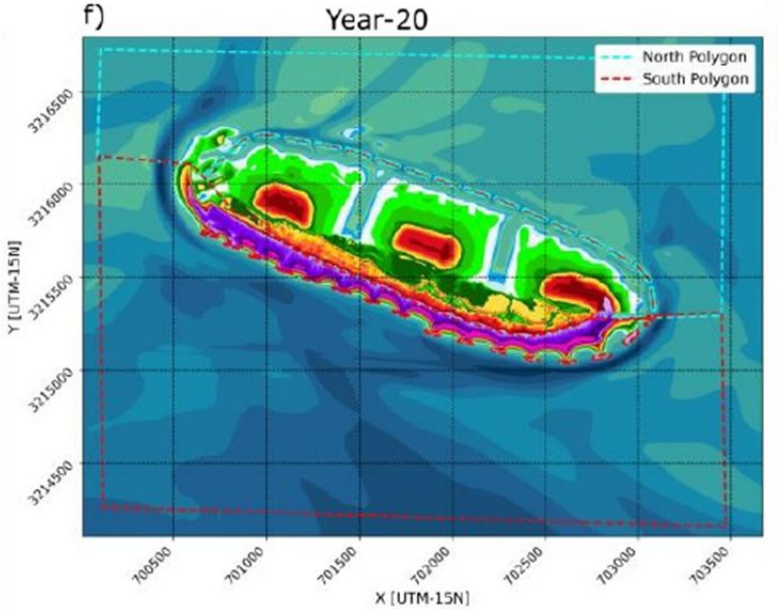
Raccoon Island - Future Without Project





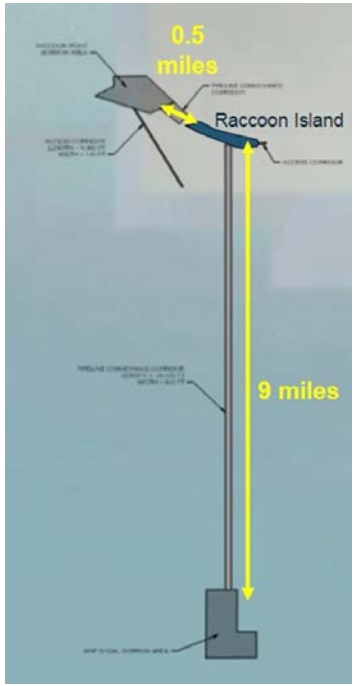
Raccoon Island - Future With Project

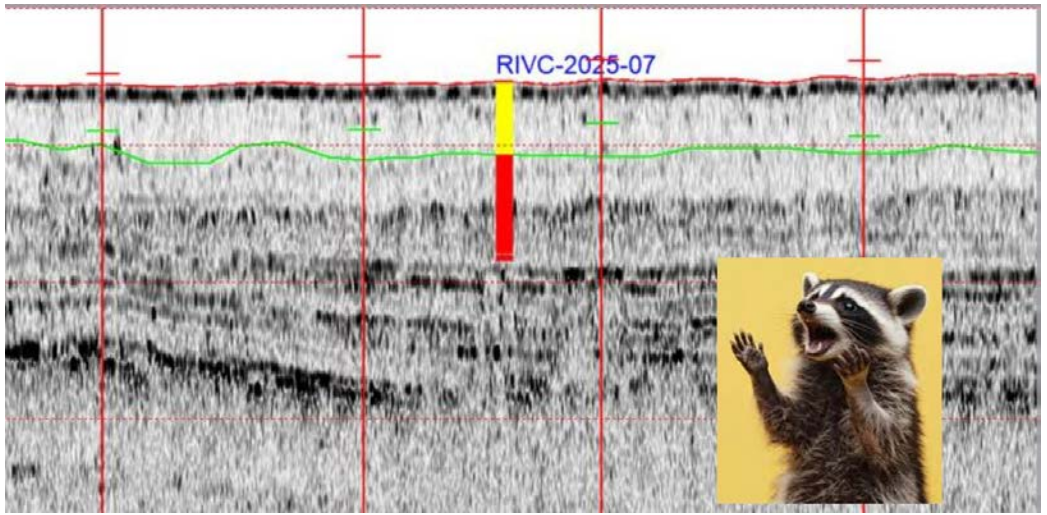




Raccoon Island - Future With Project

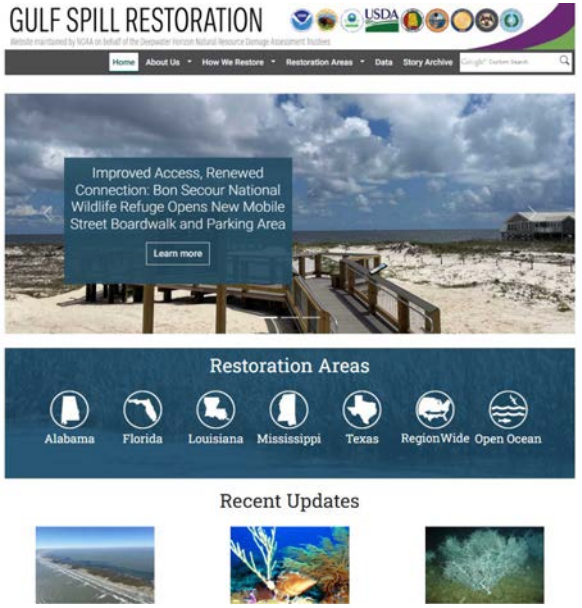
Raccoon Island - Sediment Source





Raccoon Island - Next Steps

The Future



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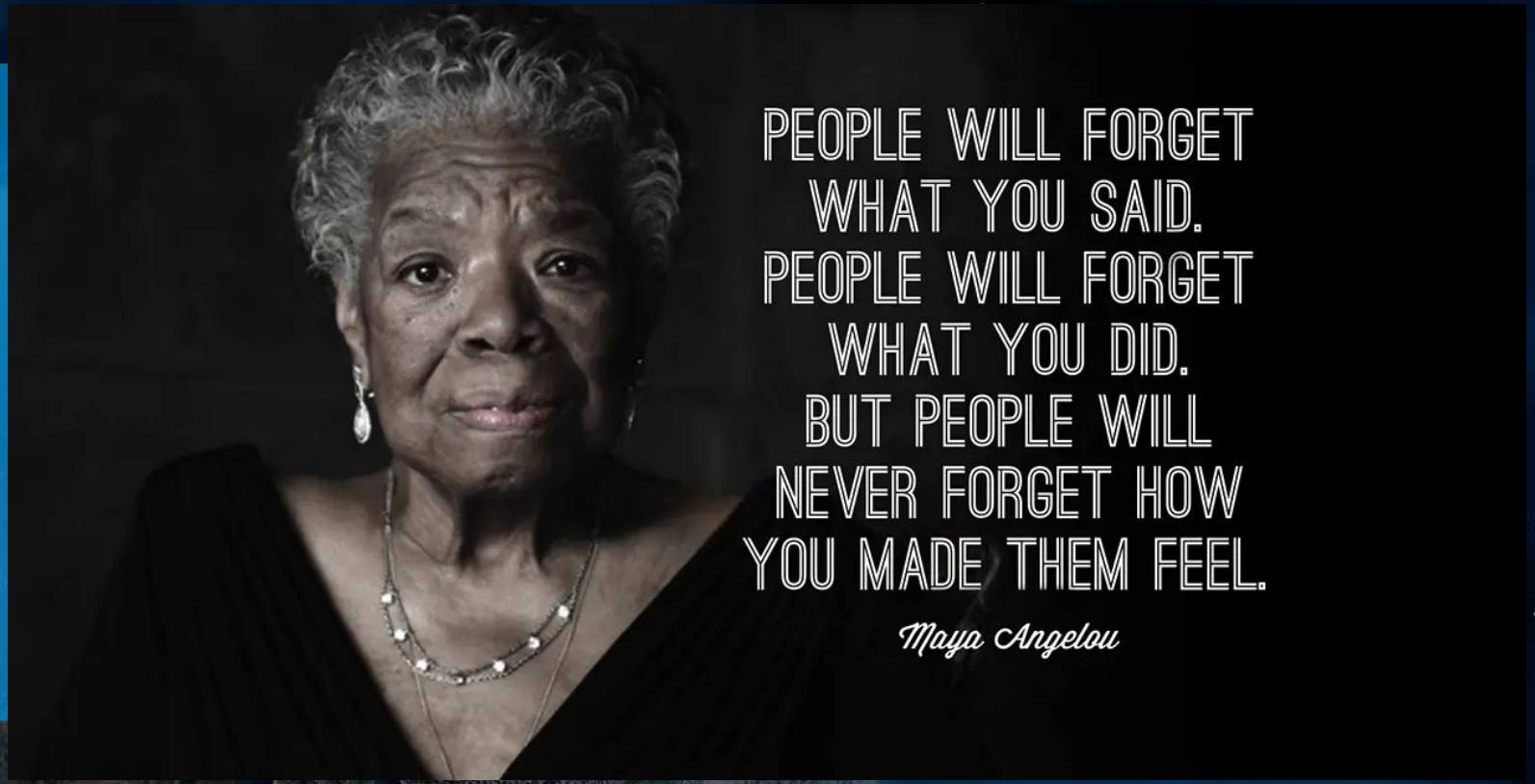
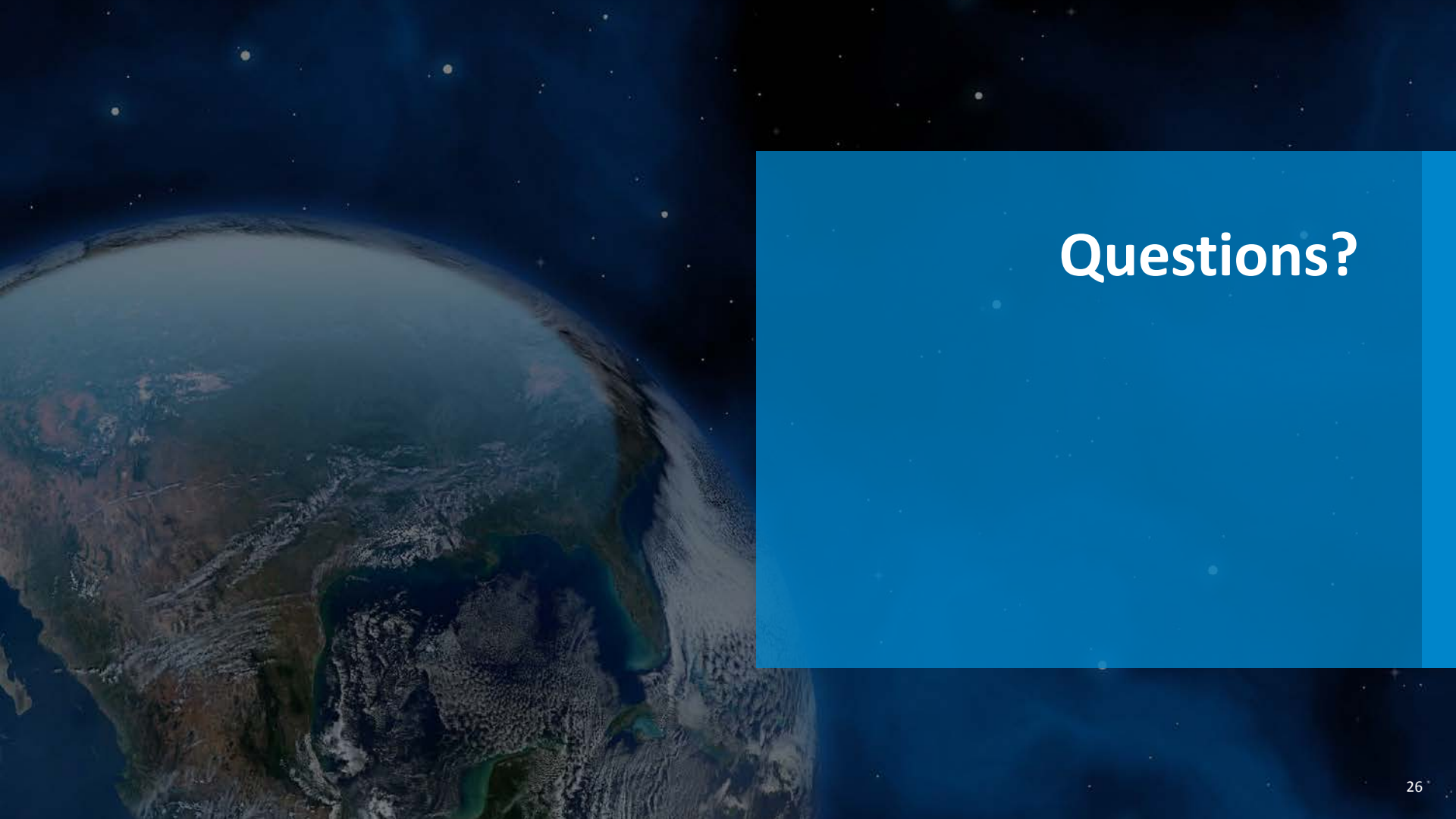

PEOPLE WILL FORGET
WHAT YOU SAID.
PEOPLE WILL FORGET
WHAT YOU DID.
BUT PEOPLE WILL
NEVER FORGET HOW
YOU MADE THEM FEEL.
Maya Angelou


Questions?