

Governor's Coastal Office Update: Resilience and Climate

Bayou Industrial Group

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GOVERNOR'S
OFFICE OF
COASTAL
ACTIVITIES

Coastal Protection and Restoration Authority

Single state entity with authority to articulate a clear statement of priorities to achieve comprehensive coastal protection for Louisiana.

Mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan.



Tremendous Progress in 2020

16 New Construction Starts: \$406 Million Total Value

12 Projects Completed: \$189 Million Total Value

Miles of Levees Improved: 13+ miles

Cubic Yards of Sediment Dredged: 9.4+ Million CY

Acres Created: 1,885 acres

**\$910 million in new funding announcements
for major projects**

Second Term Coastal Priorities



Building Resilience & Climate Initiatives
Task Force

More Integrated Approach to the
Mississippi and Atchafalaya Rivers

Initiatives for a Sustainable Oyster Industry

Growing, Diversifying, and Protecting the
Economy through Investments in Coastal
Protection and Restoration

Coastal Innovation and Collaboration Hub

Mitigate *and* Adapt

Adapt by Building Resilience

- Coastal Master Plan
- LA SAFE
- Louisiana Watershed Initiative
- **Adaptive Governance Initiative**

Reduce Greenhouse Gas Emissions

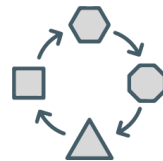
- **Climate Initiatives Task Force**
 - Greenhouse Gas Emissions Inventory
 - Blue Carbon
 - Carbon Capture, Utilization, and Storage
 - Other Emissions Reductions

Resilience Executive Order

- **Chief Resilience Officer**
- **Agency Resilience Coordinators**
- **Agency participation includes:**
 - Assessing agency vulnerabilities
 - Identifying adaptation actions
 - Incorporating results into strategic plans
 - Leveraging funding sources and partnerships toward common goals



Assess agency
vulnerabilities



Develop adaptation
options



Institutionalize
resilience

Governor's Executive Order (Vision)

“Whereas,

By following the science and welcoming all stakeholders, Louisiana can and will reduce greenhouse gas emissions to limit the impacts of climate change that harm the state’s natural and cultural heritage, while adapting to maintain its position as a world leader in energy, industry, agriculture, and transportation;”



Goals

By 2025

26-

28%

Of 2005 levels

By 2030

40-

50%

Of 2005 levels

By 2050

Net
Zero

Approach

1. Science-Driven
2. Bottom-Up
3. Welcoming all stakeholders
4. Balanced and Implementable
5. Play to Our Strengths and Take Advantage of Co-benefits
 - a. Coastal Restoration Investments
 - b. “Saudi Arabia” of Carbon Dioxide Sequestration (geology, infrastructure, industry, expertise)
 - c. Co-benefits: health, equity, economy, quality of life, disaster resilience

Offshore Wind in the Gulf

Inter-governmental process with BOEM official kickoff in the Spring

Ongoing conversations with LED, DNR, and private sector

Enthusiasm about the potential to seize this opportunity:

- Clean energy
- Utilizes existing LA expertise in offshore oil and gas
- New business opportunities
- Manufacturing center already in New Orleans



Block Island Wind Farm, Rhode Island
Photo from Clean Energy Group

Structure: *Task Force*

State Agencies and Government

- GOCA
- DOA
- LDAF
- CPRA
- LED
- DNR
- DEQ
- DOTD
- PSC
- House
- Senate

Industry

LMOGA
LCA
Utilities

Science

Federal Science Agency
Louisiana Academic

Community

Environment
Local Government
Indigenous Peoples

Environmental Justice
Community Development
Special Qualifications
At-Large

STRUCTURE

TASK FORCE

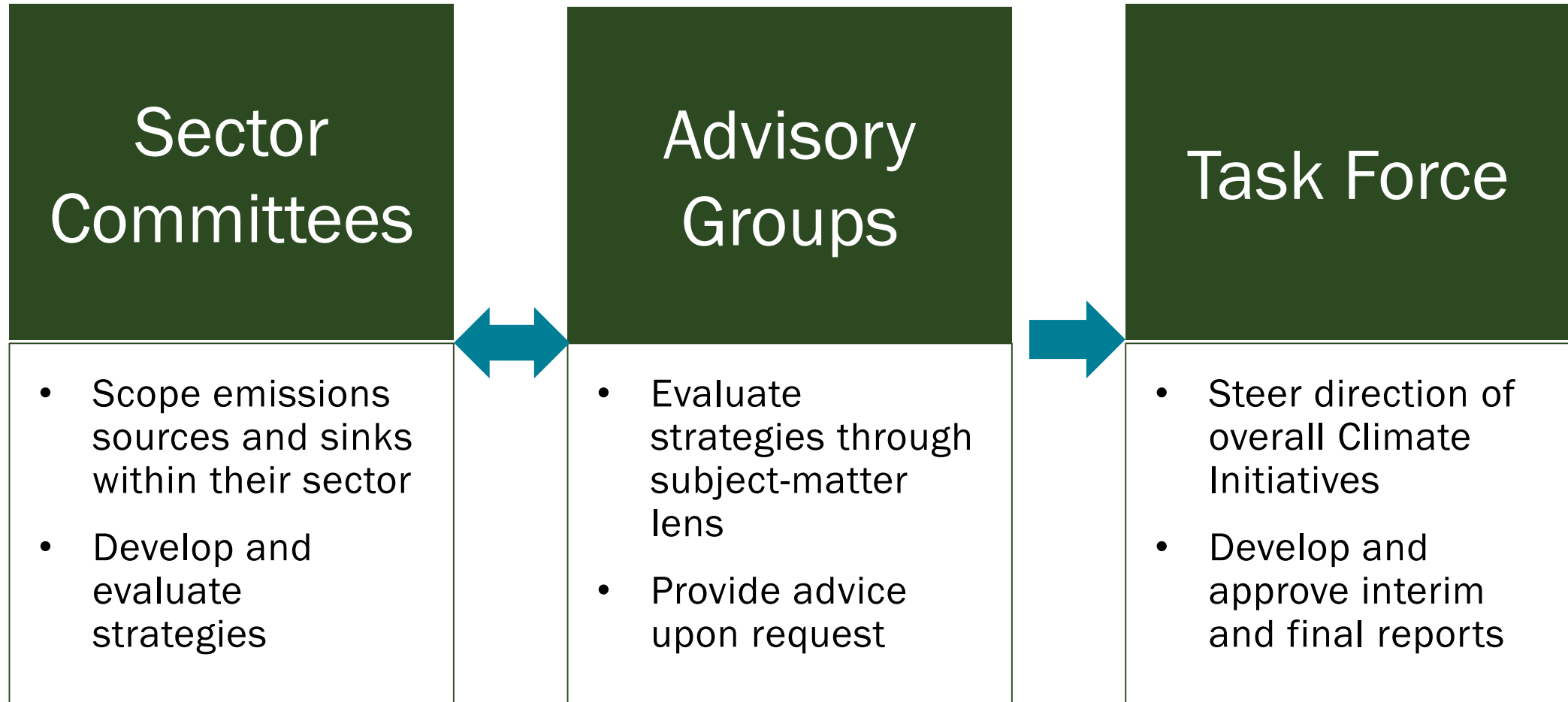
ADVISORY GROUPS

- Scientific
- Equity
- Finance
- Legal

SECTOR COMMITTEES

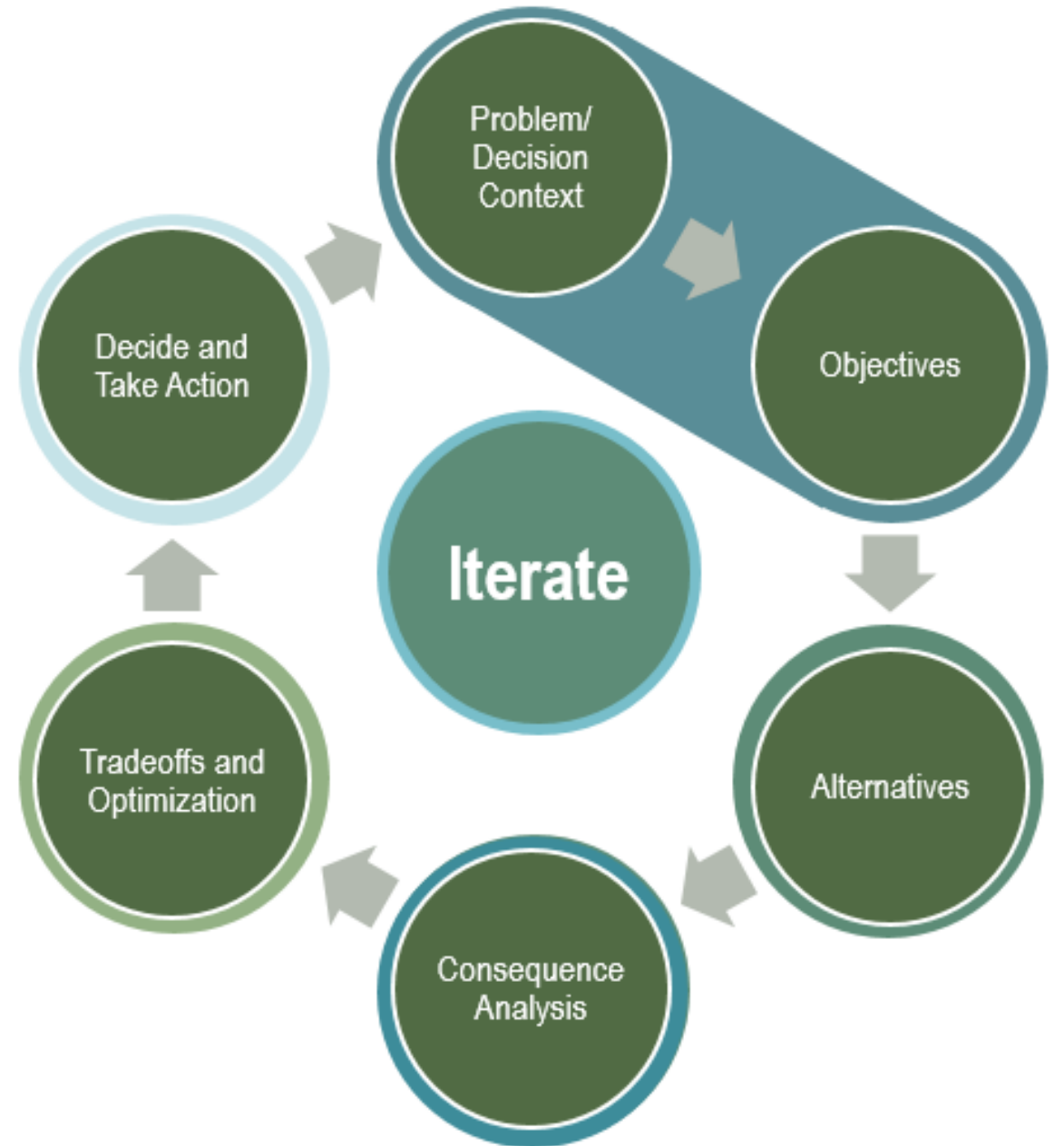
- Agriculture, Forestry, Conservation and Waste
- Power Production, Distribution, and Use
- Land Use, Buildings, and Housing
- Manufacturing and Industry
- Transportation
- Mining and Oil & Gas Production

How it will work...



SDM Framework

1. Define the **Problem** (Decision Context)
2. Determine the **Objectives**
(Fundamental Objectives)
3. Identify **Alternatives** (Emission
Reduction Solutions)
4. Evaluate Alternatives and Forecast
Consequences
5. Evaluate **Tradeoffs** (Tradeoff Analysis)
6. Make the Decision and Take Action
(Final Strategy)



Draft Fundamental Objectives

I. Greenhouse Gas Emissions

- Greenhouse Gas Emission Reduction
- Greenhouse Gas Sequestration

II. Louisiana Residents and Communities

III. Equity

IV. Short- and Long-Term Success

V. Economy and Private Industry

VI. Natural Resources and the Environment

VII. Climate Change Adaptation

Timeline & Deliverables

October 2020

- *Appoint members*
- *First Meeting 10/30 Baton Rouge*

October-December 2020

- *Establish working groups and advisory groups*
- *Task Force Meetings*
- *Draft Interim Report*

January 2021-February 2022

- **Interim Report (Feb. 2021)**
- Draft Greenhouse Gas Inventory (Spring/Summer)
- Solutions Development
- Tradeoffs Analysis
- **Final Strategy Report (February 2022)**
- **Final GHG Inventory (February 2022)**

Public Information

- Meeting Materials & Notices
- Documents & Other Resources
- Send in Public Comment:
climate@la.gov
- Sign-up to Receive Notices of Meetings, News, etc.

<https://gov.louisiana.gov/page/climate-initiatives-task-force>

The screenshot shows the official website of the Louisiana Governor's Office, specifically the page for the Climate Initiatives Task Force. The header features the name "JOHN BEL EDWARDS" and the "OFFICE of the GOVERNOR" logo. A navigation bar includes links for ABOUT, NEWSROOM, COVID-19 RESOURCES, CENSUS 2020, PROGRAMS, STATE AGENCIES, and INTERACT, along with a search bar. The main content area is titled "Climate Initiatives Task Force" and includes an "Overview" section with text about global climate risks and the task force's mission. A "Mission & Approach" section follows, detailing the task force's goals and methods. A "GHG Emissions Reduction Goals" section lists specific targets for 2025, 2030, and 2050. On the right side, there is a "CONNECT with the GOVERNOR" sidebar with buttons for "EMAIL the GOVERNOR", "REQUEST of the GOVERNOR", and "APPLY to SERVE", along with social media icons for Twitter, Facebook, and Instagram.

JOHN BEL EDWARDS

OFFICE of the GOVERNOR

ABOUT NEWSROOM COVID-19 RESOURCES CENSUS 2020 PROGRAMS STATE AGENCIES INTERACT Search

Climate Initiatives Task Force

Overview

Scientists around the world agree that rising global temperatures pose increased risks to human health and security, livelihoods, food security, the water supply, economic growth and natural systems. For Louisiana these impacts are most severely manifested in the loss of coastal wetlands from sea level rise, increased flooding from tropical and intense rainfall events, and extreme heat. Each of these environmental and health stressors are and will increasingly have negative impacts on families, communities, and regions around our state with disproportionate impacts on those with the fewest resources.

Therefore, to improve our resilience, sustain our coast, and help avoid the worst impacts of climate change, Governor John Bel Edwards established the Climate Initiatives Task Force to proactively work to reduce the greenhouse gas emissions that are driving up global temperatures, increasing sea level and other risks that threaten our health and safety, quality of life, economic growth, and vital habitats and ecosystems.

Mission & Approach

The Climate Initiatives Task Force will investigate and make recommendations for the reduction of greenhouse gas emissions originating in Louisiana to achieve the stated greenhouse gas emissions reduction goals in order to improve the health and welfare of the people of Louisiana and advance Louisiana's economic and energy profile.

The Task Force will arrive at strategies and recommendations to reduce emissions through an inclusive, balanced approach that recognizes there are differing opinions on the best ways to reduce the worst impacts of climate change while preserving economic competitiveness. Louisiana will utilize the best available science to guide decisions and call on expertise from state government, colleges and universities, the private sector, and civil society to help inform and steer policy development.

GHG Emissions Reduction Goals

- By 2025, reduce net greenhouse gas emissions by 26-28% of 2005 levels;
- By 2030, reduce net greenhouse gas emissions by 40-50% of 2005 levels; and
- By 2050, reduce greenhouse gas emissions to net zero;

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