Climate Initiatives Task Force

JULY TASK FORCE MEETING
I. Call to Order

II. Roll Call

III. Welcome and Opening Remarks— Harry Vorhoff, Office of the Governor

IV. Louisiana Greenhouse Gas Inventory 2020 Update— Dr. David Dismukes, LSU Center for Energy Studies

V. Climate Action Plan Process & Structure— Charles Sutcliffe, Office of the Governor

VI. Discussion on High-Level Priorities & Second Consequence Analysis— Lindsay Cooper, Office of the Governor, and Colleen McHugh, The Water Institute of the Gulf

VII. Public Comment

VIII. Adjourn
Climate Action Plan
Process & Structure
I. Climate Initiatives Task Force Membership List
II. Introduction
III. Charge of the Task Force
IV. Need for Action: Climate Risks to Louisiana
V. Opportunities Posed by Climate Action
VI. Problem Context (GHG Inventory)
VII. Planning Process
VIII. Fundamental Objectives
IX. Committee and Advisory Group Reports
X. 2021 Work Plan and Meeting Schedule
Louisiana Climate Action Plan

Draft Sections:
I. Vision
II. Objectives and Targets
III. Need for Action
IV. Planning Process
V. Problem Context: GHG Emissions Inventory
VI. Strategies and Actions
VII. Consequence Analysis: GHG Emissions Pathway and Co-Benefits
VIII. Gaps and Future Research Needs
IX. Implementation Matrix

Strategies and Actions
a. Clean Energy Transition
b. Industrial Decarbonization
c. Safe and Resilient Energy Infrastructure for Tomorrow's Energy Needs
d. Transportation, Development, and the Built Environment
e. Natural and Working Lands and Wetlands
f. An Inclusive, Low-Carbon Economy
g. Collaboration and Partnerships to Ensure Successful Implementation
Late August:

• Revised Draft Partial Final Report (Decision Context)
• Action Portfolio DRAFT to public

Late September:

• Collect and report out on feedback from Portfolio and Decision Context

November-December:

• Public comment on Draft Report
## Revised Fundamental Objectives

| **Reducing Net Greenhouse Gas (GHG) Emissions** | • Minimize net greenhouse gas emissions  
• Maximize greenhouse gas capture and sequestration |
| **Improving Quality of Life for Residents and Communities** | • Maximize quality of, and access to, essential goods, services, and infrastructure for residents  
• Maximize positive public health outcomes and public safety  
• Maximize preservation of cultural heritage |
| **Creating a More Equitable Society** | • Reduce socioeconomic, demographic, and geographic disparities in future opportunities and outcomes  
• **Maximize reduction and mitigation of institutionalized harms to historically underserved and marginalized people and communities**  
• Maximize reduction and mitigation of historic and structural inequities and their impacts for underserved and marginalized communities, including communities of color and indigenous peoples  
• Maximize engagement with and participation of communities in decision-making and implementation |
| **Managing for Short- and Long-Term Success** | • Maximize confidence of the public and stakeholders in the outcome of emissions-reduction strategies to increase support for their implementation  
• Maximize the efficiency and effectiveness of emissions-reduction strategies  
• Maximize timely implementation of emissions-reduction strategies  
• Maximize the durability of emissions-reduction strategies in an uncertain future |
| **Strengthening the Economy and Workforce** | • **Maximize employment, economic opportunity, and support for Louisiana workers**  
• Maximize job creation and support for Louisiana workers  
• Maximize economic growth |
| **Conserving Natural Resources and Protecting the Environment** | • Maximize preservation of natural resources and ecosystem services  
• Maximize environmental stewardship and support of healthy ecosystems |
| **Adapting to a Changing Climate** | • Increase resilience of the built and natural environment to climate change  
• Increase the resilience of communities to climate change |
Reducing Net Greenhouse Gas (GHG) Emissions

• Minimize net greenhouse gas emissions
• Maximize greenhouse gas capture and sequestration
Creating a More Equitable Society

- Reduce socioeconomic, demographic, and geographic disparities in future opportunities and outcomes
- Maximize reduction and mitigation of institutionalized harms to historically underserved and marginalized people and communities
- Maximize engagement with and participation of communities in decision-making and implementation
Strengthening the Economy and Workforce

• Maximize employment, economic opportunity, and support for Louisiana workers

• Maximize job creation and support for Louisiana workers

• Maximize economic growth
High-Level Priorities
We must take action.

No single strategy is the solution.

Many strategies from various portfolios are needed to meet our emission reduction targets.

Strategies require intentional action to ensure co-benefits and positive outcomes for our fundamental objectives and all people.

Further analysis on many strategies must be done to reduce uncertainty and promote confidence associated with outcomes.
Staff Process Since June to Refine Strategies and Actions

- Public Call for Action Proposals
- Sector Committee meeting notes and discussions on Actions
- Consequence Analysis results and feedback
- CTF discussion and takeaways from the Consequence Analysis
- Best Practices to synthesize, organize, combine, and gap fill
- Direction from the Governor

- Outline first draft of the portfolio of strategies and actions for CTF feedback
- Action Portfolio for second round consequence analysis
- Iterative process to refine, improve, and detail Actions
A Portfolio is a comprehensive set of strategies and actions towards achieving the GHG reduction targets and other fundamental objectives.

A Strategy is a high-level path to reduce GHG emissions.

An Action is based around a specific policy, program, or project that can be directly implemented.
I. Clean Energy Transition

II. Industrial Decarbonization

III. Safe and Resilient Energy Infrastructure for Tomorrow's Energy Needs

IV. Transportation, Development, and the Built Environment

V. Natural and Working Lands and Wetlands

VI. An Inclusive, Low-Carbon Economy

VII. Collaboration and Partnerships to Ensure Successful Implementation
I. Clean Energy Transition

a. Shift towards a clean and renewable power grid

b. Increase the availability and utilization of renewable-powered electricity among end-users

II. Industrial Decarbonization

a. Improve efficiencies in industrial processes and facilities

b. Accelerate electrification, fuel switching, and other alternative fuels usage

c. Deploy CCS for the hardest-to-abate industrial emissions

d. Reduce waste and promote reduced-carbon materials

e. Monitor, inventory, certify, and support industrial decarbonization
III. Safe and Resilient Energy Infrastructure for Tomorrow's Energy Needs

a. Engage in strategic long-term planning for energy infrastructure that is resilient and reliably meets Louisiana's growing need for clean energy
b. Equitably advance permitting for new infrastructure
c. Actively manage legacy infrastructure
d. Improve monitoring of methane and other GHGs to more accurately and efficiently detect and repair leaks

IV. Transportation, Development, and the Built Environment

a. Increase adoption and accessibility of clean fuels and vehicles
b. Support reduced trips and efficiencies across modes of transportation
c. Link land use and transportation planning for compact development patterns and increased public transit access
d. Improve the efficiency and resilience of homes and buildings
V. Natural and Working Lands and Wetlands

a. Preserve and expand natural and managed lands and wetlands to maximize climate mitigation and adaptation goals
b. Support the management and conservation of working agricultural and forestry lands

VI. Inclusive Low-Carbon Economy

a. Strengthen clean energy education as a critical component of Louisiana’s energy transition
b. Prioritize the growth of local jobs and economic development for a low-carbon economy
c. Build a more just and resilient future for all Louisiana residents
VII. Collaboration and Partnerships to Ensure Successful Implementation

a. Ensure Louisiana is prepared to maximize potential federal funding opportunities

b. Position Louisiana as a climate leader through engaging in national and regional dialogues and planning

c. Call to action across state agencies

d. Call to action with local governments

e. Call to action for private sector and regulated utilities

f. Improved engagement with all communities and state and federal tribes
How well do these strategies reflect our high-level priorities based on past discussions and analysis to date?

Are big components missing or misrepresented?

* Now through August 18: CTF provide comments on actions, working through titles and high-level details before Second Consequence Analysis.
Where we are in the process of action development

- Action proposals submitted
- All proposals posted on Climate Initiatives website
- Proposals sorted into sectors / themes and discussed by committees
- Report out to Task Force
- Organize, refine, combine/split, gap-fill, group into strategies

TODAY

- Task Force recommendation on action portfolio in final report
- Trade-off analysis with Task Force input
- Revise actions based on Advisory Group feedback
- Draft portfolio evaluated against fundamental objectives
- Revised actions & strategies organized into draft portfolio for evaluation
Action Details to Work Towards in Plan

**Title:** short and descriptive, using action verb

**Description:** One to two paragraph overview of the specific policy, program, or project; why it is important; how it addresses GHG emissions; the nuts and bolts of how it will be implemented; and how we will know if it is successful.

**Maximizing our objectives:** One paragraph describing the co-benefits of this action to the 18 fundamental objectives (icons for each objective benefitted) and how to ensure positive outcomes across objectives in implementation (mitigating negative consequences and maximizing co-benefits). Include how to address equity in implementation.

**Lead and Partners:** what entity will lead adoption and implementation of this action, who are the key collaborators across public, private, non-profit sectors

**Timeframe:** Short- (0-5 yr), Medium- (5-10 yr), or Long-Term (10-30 yr)
Second Consequence Analysis
Two Rounds of Analyses
Advisory Groups are doing two rounds of consequence analysis:

**Round 1: Complete**
- **Strategy Portfolios**
  - In the first round, we intentionally framed extreme hypothetical portfolios of strategies to forecast consequences to our fundamental objectives.

**Round 2: Aug-Sept**
- **Action Portfolio**
  - This second round will analyze consequences of our best first pass of the draft portfolio of strategies and actions that will be included in the plan.
Goals of Second Consequence Analysis

• Understand the impacts of the draft portfolio as a whole.

• Help us refine and improve the overall portfolio of strategies and actions in the plan.

• Inform how we flesh out the details of actions and how to implement them in a way that maximizes co-benefits across our fundamental objectives.

• Understand where we will need additional focus in the years to come.

* Developing the strategies and actions for the final plan is an iterative and collaborative process.
## Fundamental Objectives: What we are evaluating against

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<th>Category</th>
<th>Objectives</th>
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| **Reducing Net Greenhouse Gas (GHG) Emissions** | • Minimize net greenhouse gas emissions  
  • Maximize greenhouse gas capture and sequestration                                                                                                                                                     |
| **Improving Quality of Life for Residents and Communities** | • Maximize quality of, and access to, essential goods, services, and infrastructure for residents  
  • Maximize positive public health outcomes and public safety  
  • Maximize preservation of cultural heritage                                                                                                                                                          |
| **Creating a More Equitable Society**          | • Reduce socioeconomic, demographic, and geographic disparities in future opportunities and outcomes  
  • Maximize reduction and mitigation of institutionalized harms to historically underserved and marginalized people and communities  
  • Maximize reduction and mitigation of historic and structural inequities and their impacts for underserved and marginalized communities, including communities of color and indigenous peoples  
  • Maximize engagement with and participation of communities in decision-making and implementation                                                                                                         |
| **Managing for Short- and Long-Term Success**  | • Maximize confidence of the public and stakeholders in the outcome of emissions-reduction strategies to increase support for their implementation  
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  • Maximize the durability of emissions-reduction strategies in an uncertain future                                                                                                                                 |
| **Strengthening the Economy and Workforce**    | • Maximize employment, economic opportunity, and support for Louisiana workers  
  • Maximize job creation and support for Louisiana workers  
  • Maximize economic growth                                                                                                                                                                               |
| **Conserving Natural Resources and Protecting the Environment** | • Maximize preservation of natural resources and ecosystem services  
  • Maximize environmental stewardship and support of healthy ecosystems                                                                                                                                 |
| **Adapting to a Changing Climate**             | • Increase resilience of the built and natural environment to climate change  
  • Increase the resilience of communities to climate change                                                                                                                                              |
Consequence Analysis Components

Round 2

Portfolio

Strategies

1 2 3 4 5 6

Actions

1.1 1.2 1.3 1.4 2.1 2.2 2.3 2.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 4.4 5.1 5.2 5.3 5.4 6.1 6.2 6.3 6.4

DRAFT Strategy & Action Portfolio

1) GHG Emission Reduction Objectives

2) Societal, Economic, and Other Objectives
Survey for Eliciting Advisory Group Input

• Similar structure to first round survey

• This time Advisory members will evaluate the consequences of the entire draft action portfolio and will also have the option of selecting specific strategies or actions for more detailed review of impacts on the fundamental objectives.
Timeline of Second Consequence Analysis

• Finalize FIRST DRAFT portfolio of strategies and actions: **August 18**
  - What we presented today is a work in progress – GOCA will work with your input over the coming weeks to improve and clarify this outline (particularly on the details of actions) before sending to Advisory Group members for their evaluation

• Send surveys for Advisory Group input on portfolio: **Week of August 23**
  - Advisory Groups meeting that week to go over survey process
  - **Public draft** of portfolio outline will also be shared for public comment this week

• Advisory Group survey responses due: **Week of September 13**

• GHG Analysis using EPS tool and supporting research: **Aug-Sept**

• Present findings to Task Force – **Early October**

• Refine strategies and actions based on outcomes of Consequence Analysis: **Sept-Nov**
Needed Direction from the Task Force

• Where do you need more information?
  - What strategies or actions have the most uncertainty in terms of GHG emission reduction and/or impacts to other fundamental objectives?
  - Where do you have concerns?
  - Where do you see strong potential for co-benefits?
  - Where do we need to focus our attention so that we work towards strong ideas?
DRAFT Strategy & Action Outline

I. Clean Energy Transition
II. Industrial Decarbonization
III. Safe and Resilient Energy Infrastructure for Tomorrow’s Energy Needs
IV. Transportation, Development, and the Built Environment
V. Natural and Working Lands and Wetlands
VI. An Inclusive, Low-Carbon Economy
VII. Collaboration and Partnerships to Ensure Successful Implementation
Potential Areas for Focused Review by Advisory Groups

• Increase the availability and utilization of renewable-powered electricity among end users.

• Deploy CCS for the hardest-to-abate industrial emissions

• Equitably advance permitting for new infrastructure

• Prioritize the growth of local jobs and economic development for a low-carbon economy

• Build a more just and resilient future for all Louisiana residents
Discussion
# Meeting Timeline (REVISED)

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<th>JULY</th>
<th>AUGUST</th>
<th>SEPT</th>
<th>OCT</th>
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<td><strong>July 29: Task Force Meeting</strong>&lt;br&gt;• Discuss high-level priorities&lt;br&gt;• GHG Inventory update</td>
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<td><strong>Aug (Week of 23rd): Advisory Groups Meeting</strong>&lt;br&gt;• Begin second round consequence analysis of draft strategy and action portfolio</td>
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<td><strong>GOCA: Draft Strategy and Action Portfolio Refinement</strong></td>
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<td><strong>Aug/Sept: Task Force Special Meeting</strong>&lt;br&gt;• Deep dive learning session / discussion on industrial sector approaches with outside experts</td>
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<td><strong>Oct: Task Force Meeting</strong>&lt;br&gt;• Review consequence analysis of action portfolios</td>
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<td><strong>Oct: All Hands Workshop</strong>&lt;br&gt;• Action refinement and focus on implementation mechanisms</td>
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<td><strong>Nov: Task Force Meeting</strong>&lt;br&gt;• Trade off analysis and recommendations</td>
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<td><strong>Dec: Task Force Meeting</strong>&lt;br&gt;• Review Draft Report</td>
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<td><strong>Jan: Task Force Meeting</strong>&lt;br&gt;• Approve Final Report</td>
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Public Comment