



Friends of Casco Bay  
Casco BAYKEEPER

# Overview of Climate Council and Coastal and Marine Working Group

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Photo Credit: Kevin Morris



**Maine Climate Council**

**Coastal and Marine Working Group**

**Draft Strategies**

# History

**2003 Greenhouse Gas Emissions Goals: Mitigation**

**2004 Climate Action Plan (Mitigation)**

**2010 Adaptation Report**

**Maine Interagency Climate Adaptation Working Group**



LAW WITHOUT  
GOVERNOR'S  
SIGNATURE

APRIL 30, 2014

CHAPTER

110

RESOLVES

STATE OF MAINE

—  
IN THE YEAR OF OUR LORD  
TWO THOUSAND AND FOURTEEN

—  
H.P. 1174 - L.D. 1602

Resolve, Establishing the Commission To Study the Effects of Coastal and Ocean Acidification and Its Existing and Potential Effects on Species That Are Commercially Harvested and Grown along the Maine Coast

# Maine Ocean and Coastal Acidification Partnership



Maine Climate Council

Coastal & Marine Working Group

Draft Recommendations



# Symposia and Public Workshops

## Research network

# An Action Plan to Address and Adapt to Ocean Climate Change in Maine



- Identify funding to support essential strategies and actions
- Build on existing efforts
- Enhance staffing and budget of Department of Environmental Protection and Department of Marine Resources
- Recognize the critical roles that municipalities, fishermen, aquaculturalists, and others are playing and will play to address climate change



The Maine Ocean and Coastal Acidification Partnership

Official report to the Maine Climate Council,  
adopted by The Maine Ocean and Coastal  
Acidification Steering Committee  
September 26, 2019

# LD 1679: Maine Climate Council

- Mitigation
- Adaptation



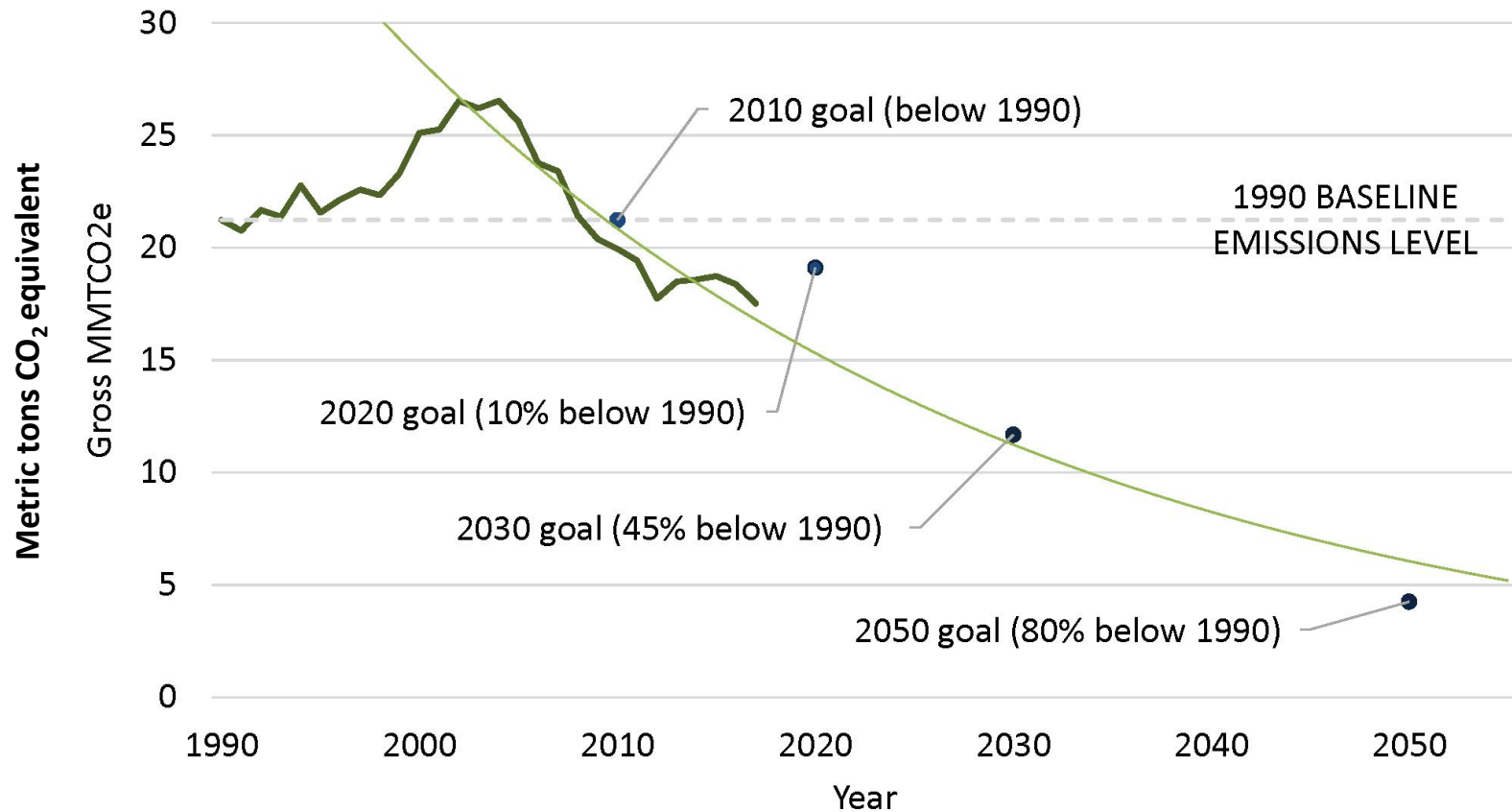


# Mitigation: efforts to reduce or prevent emission of greenhouse gases

- 45% below 1990 gross annual levels by 2030
- 80% below 1990 gross annual levels by 2050
- Net zero by 2045



# Reduction and emissions goals



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

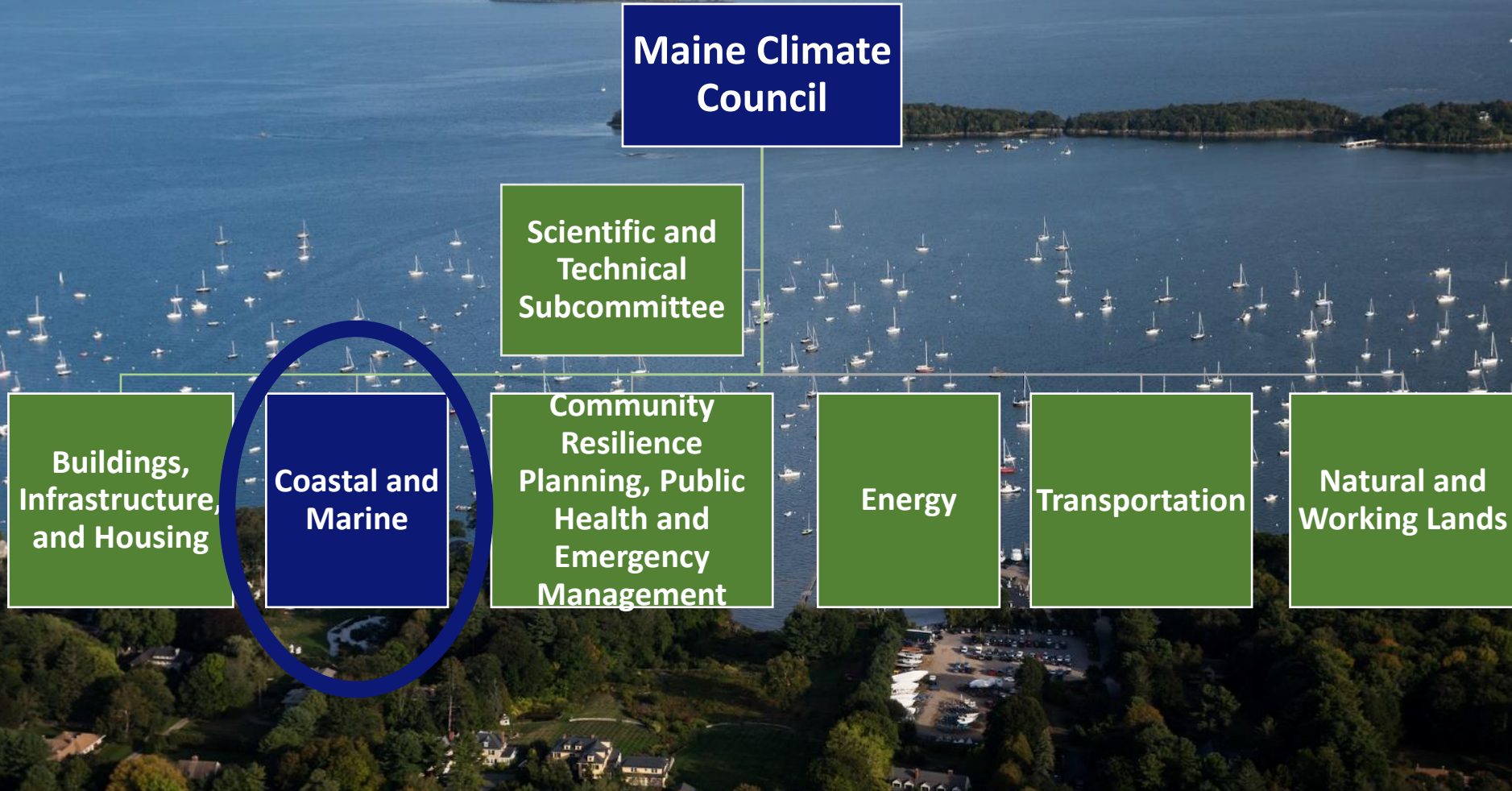
[www.maine.gov/dep](http://www.maine.gov/dep)

**Adaptation: to anticipate the adverse effects of climate change and act to prevent or minimize harm or take advantage of opportunities**



Photo courtesy of Downeast Institute

# MAINE CLIMATE COUNCIL ORGANIZATIONAL CHART



# Coastal and Marine Working Group

An aerial photograph of a coastal town, likely in Maine, featuring a harbor filled with numerous sailboats and a long pier extending into the water. The town is built on a peninsula with green trees and residential buildings. The water is a deep blue, and the sky is overcast with soft, diffused light.

# Track Coastal and Ocean Impacts: Mapping, Monitoring and Modeling



Courtesy of Island Institute and Bigelow  
Laboratory for Ocean Sciences

# Maine Coastal and Marine Information Exchange



# Maine Marine Business Council





# Working Waterfront: climate ready infrastructure



# Climate-adaptive planning and management using nature-based solutions



# Blue Carbon Optimization



- April 16, 2020 Coastal & Marine Working Group meeting (9-noon)
- May 21, 2020 Coastal & Marine Working Group meeting (9-noon)
- April/May 2020 Coastal & Marine Working Group Stakeholder Meetings
- May 2020 Maine Climate Council Public Meetings
- May 31, 2020 Coastal & Marine Working Group strategies due
- June 11, 2020 Coastal & Marine Working Group meeting (9-noon)
- June 17, 2020 Maine Climate Council Meeting re strategies
- June/Dec 2020 Continued work of the Council & working groups.
- Sept 9, 2020 Full Council meeting strategies with cost/benefit analysis.
- Oct 2020 Working group, stakeholder and public outreach
- Nov 5, 2020 Maine Climate Council Meeting finalize recommendations
- Dec 1, 2020 Maine Climate Council delivers plan to Governor & Legislature



# **Public Comment:**

- **All meetings open**
- **Spring on draft strategies**
- **Fall on draft climate action plan**

<https://www.maine.gov/future/initiatives/climate/climate-council>

<https://drive.google.com/drive/folders/1a7MbVEmJx0Qq0i36rERlhCdwpkV3AAte>

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