

Maine Climate Council

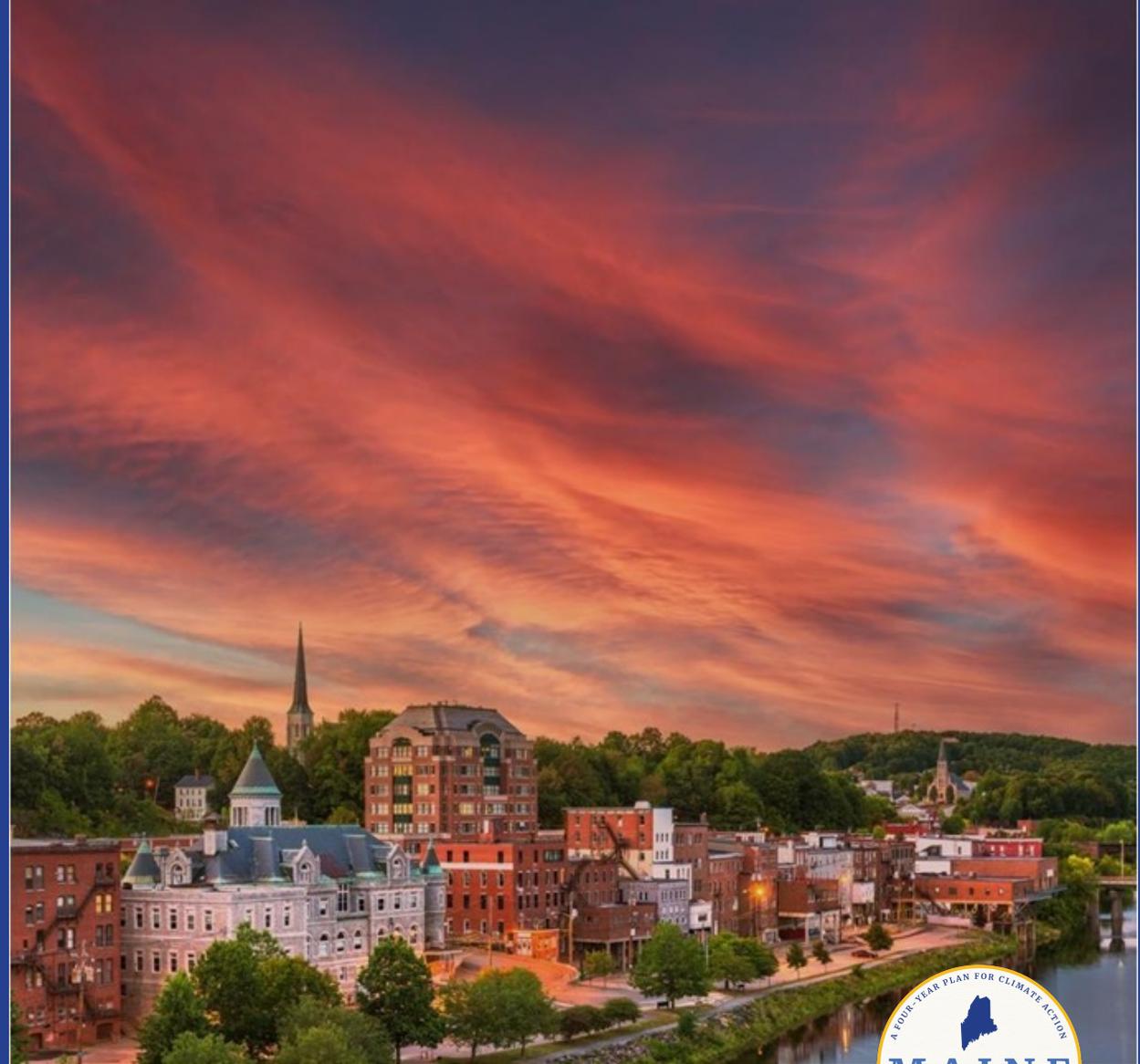
Community Resilience Working Group (CRWG) – Meeting #1

Co-Chairs:

Judy East, Department of Agriculture, Conservation and Forestry

Rebecca Boulos, Maine Public Health Association

Samuel Roy, Maine Emergency Management Agency



GOVERNOR'S OFFICE OF
Policy Innovation
and the Future



MAINE DEPARTMENT OF
Environmental Protection



November 9, 2023

Maine Climate Council

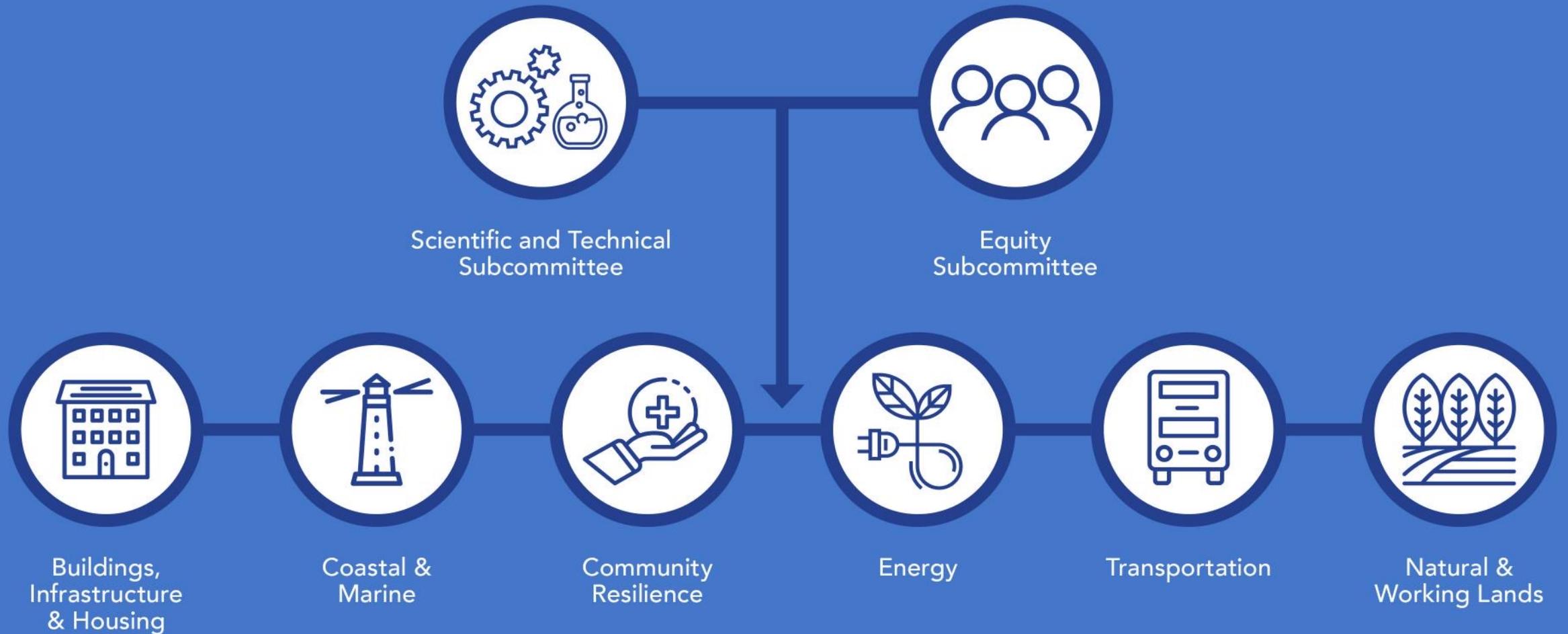


November 9, 2023

Community Resilience Working Group Meeting



Maine Climate Council



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CLIMATE COUNCIL GOALS



12.01.24

Updated Climate
Action Plan Due



Achieve State
Carbon Neutrality by

2045

Reduce Maine's Greenhouse Gas Emissions
by Targets Outlined in State Law

45%

BELOW 1990
LEVELS BY 2030

80%

BELOW 1990
LEVELS BY 2050



ENSURE MAINE PEOPLE, INDUSTRIES, AND COMMUNITIES ARE
RESILIENT TO THE IMPACTS OF CLIMATE CHANGE.

2024 Plan Timeline



DEC 1, 2020

Maine Won't Wait Climate
Action Plan Delivered to
Legislature



MAY 2023

Governor Announces
New and Returning
Appointments to
Climate Council



SEPT 2023 - JUNE 2024

Working Groups &
Subcommittees Meet to Update
Mitigation and Adaptation
Strategies



SEPT 2024

Climate Council
Meets to Consider and
Adopt Strategies



DEC 1, 2024

Updated Climate
Action Plan Delivered
to Legislature

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Working Groups



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Instructions to the working groups:

By June 2024, recommend updates to existing strategies and/or new strategies to address gap areas

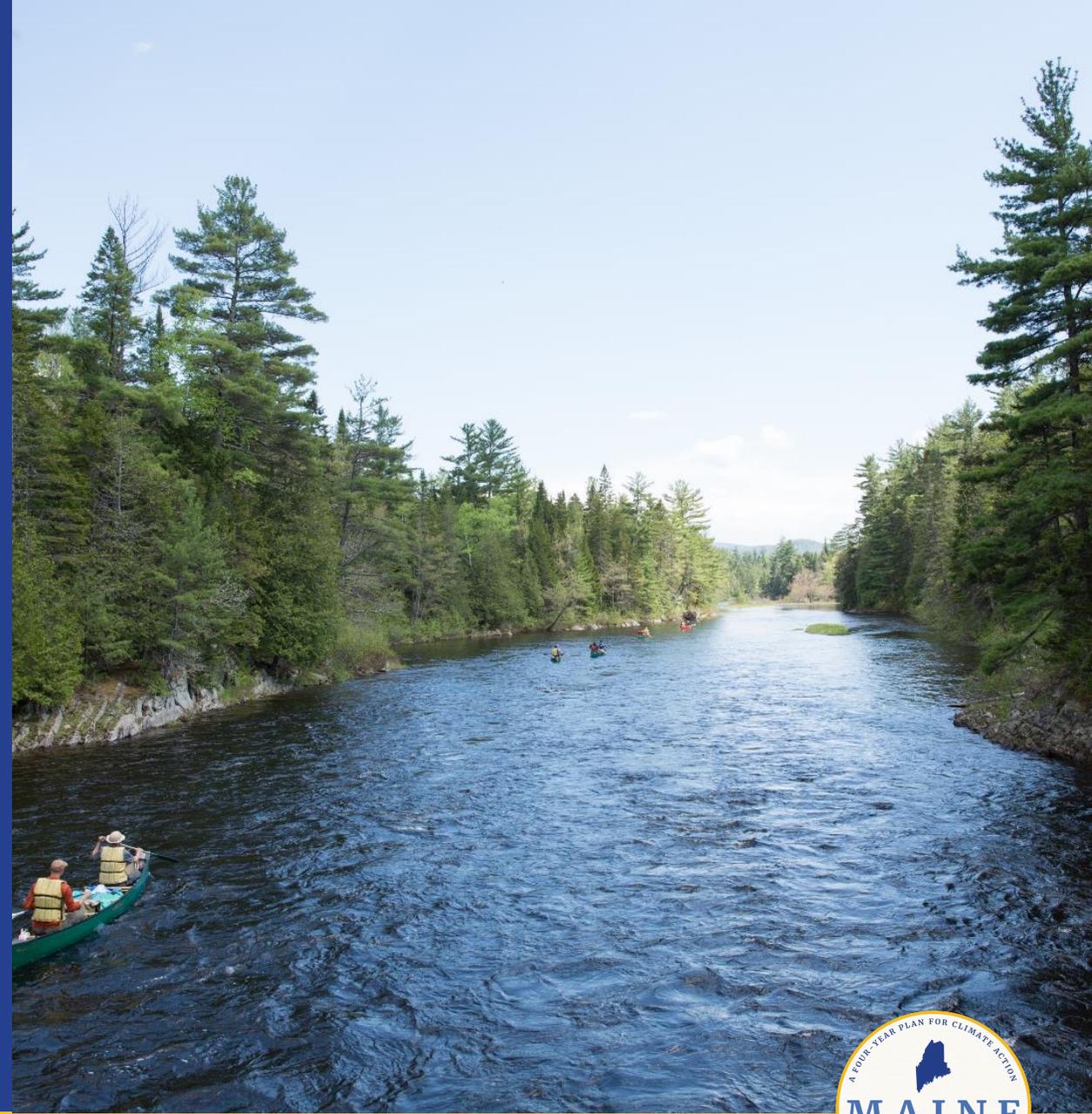
Stages in the working group process

- Nov-Dec Taking Stock of progress to date, existing *Maine Won't Wait* strategies, and equity recommendations
- Dec Prioritizing Working Group (WG) effort—where will the WG spend its time?
- Jan-May Updating Strategies using guided templates for discussion
- June Reporting back to the Climate Council a list of updated strategies using similar language and detail to *Maine Won't Wait*

Working group role in integrating equity:

1. Consult with priority populations to make equitable recommendations
2. Review and consider **equity monitoring metrics** to track progress towards equity outcomes
3. Establish numeric goals and targets for priority **equity outcome metrics**

Equity



November 9, 2023

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Strategy F: Build Healthy & Resilient Communities

Recommendation #1: Empower Local and Regional Community Resilience Efforts

Recommendation #2: Adopt Official Sea-Level Rise Projections

Recommendation #3: Emphasize Resilience Through Land-Use Planning and Legal Tools

Recommendation #4: Strengthen Public Health Monitoring, Education, and Prevention

MWW:
Empower Local and Regional
Community Resilience Efforts

MWW:
Adopt Official Sea-Level Rise
Projections

MWW:
Emphasize Resilience Through Land-
Use Planning and Legal Tools

MWW:
Strengthen Public Health
Monitoring, Education, and
Prevention

→
Equity goal: Increase participation in, and technical assistance and funding for, climate resilience planning and action in disadvantaged and frontline communities

→
Equity goal: Support planning, monitoring and education for climate-related health hazards in disadvantaged and frontline communities

→
Equity goal: Increase access to information provided via state natural hazard emergency alert systems for disadvantaged individuals

Strategy G: Invest in Climate-Ready Infrastructure

Recommendation #1: Assess Climate Vulnerability and Provide Climate-Ready Design Guidance

Recommendation #2: Establish a State Infrastructure Adaptation Fund

MWW:

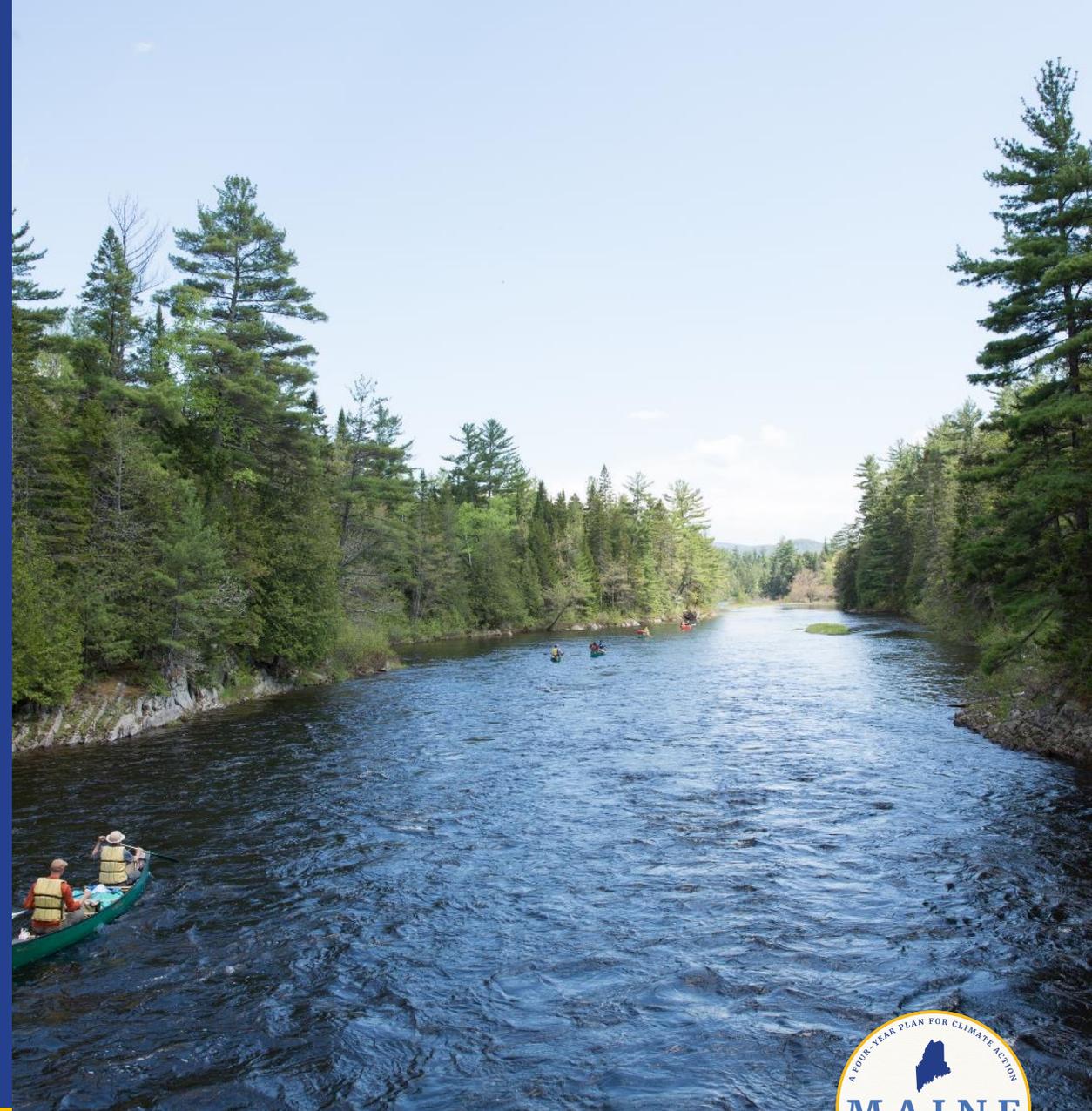
Assess Climate Vulnerability and Provide Climate-Ready Design Guidance

MWW:

Establish State Infrastructure Adaptation Fund

Equity goal: Identify and invest in climate resilient infrastructure in frontline and disadvantaged communities

Looking ahead



November 9, 2023

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New and continuing opportunities for CRWG

1. Goals and metrics to track Maine's adaptation process
2. Long-term funding and financing for adaptation and resilience
3. Invest in tools and technical assistance for communities
4. Prepare for climate risks:
 - psychological resilience
 - integrating resilience planning with emergency management
 - begin the tough conversations around "getting out of harm's way"
 - communicable diseases

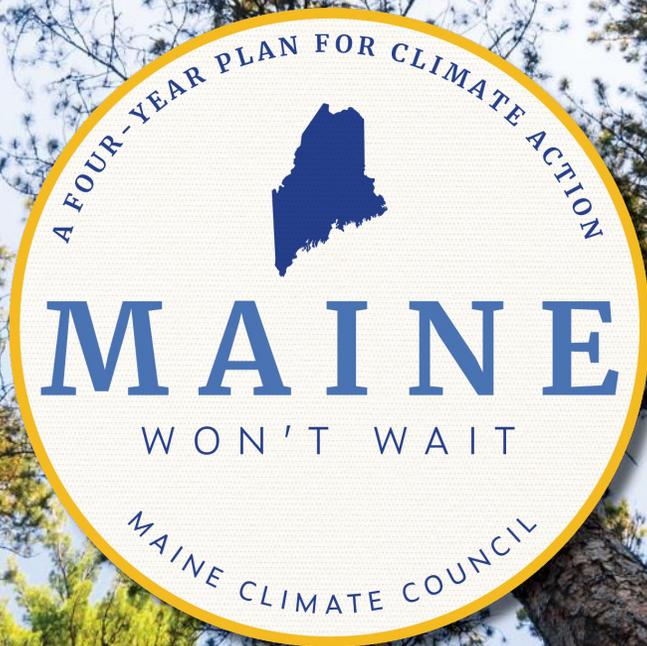
MCC Sept. 29 Polling: What should the CRWG absolutely not forget as it starts the update process?

1. Create a unifying vision that will bring together multiple groups engaged in similar work
2. Find diverse ways to engage with different communities, especially in rural areas – focus on inland flooding and wildfire
3. Invest in preparation for the impact of climate change
4. Support health system preparedness and response readiness
5. Keep equity and justice at the forefront

Intersecting Issues

For topics without a clear WG to lead, GOPIF and CBI will convene meetings on the topic.

- Workforce and economic opportunity, including innovative forest products
- Waste emissions
- Land use planning
- Education



Community Resilience Working Group

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PEOPLE IN JAY FIGURE OUT NEXT STEPS
AFTER STORM CAUSES SIGNIFICANT DAMAGE

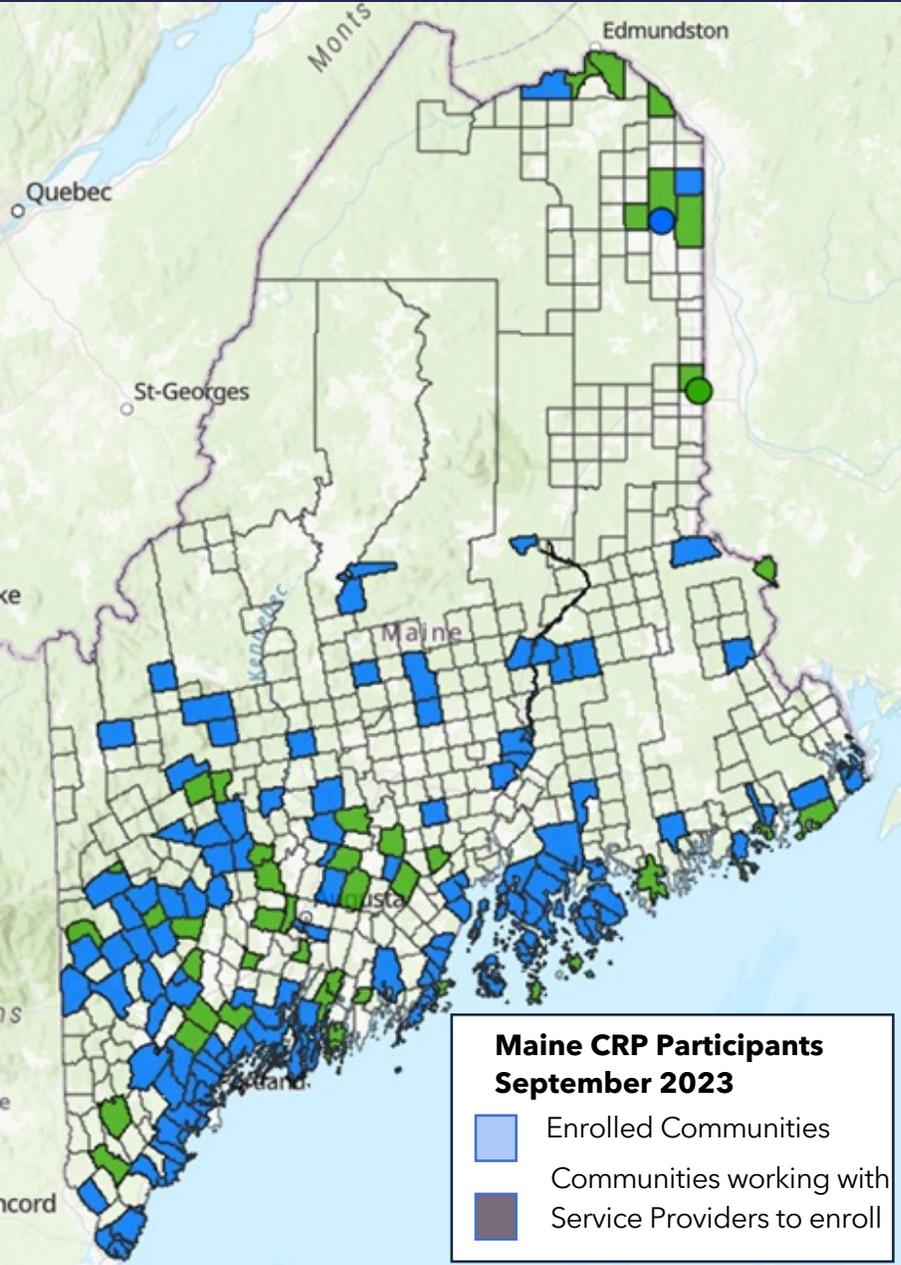
HAPPENING
NOW



Preparing for Sea-Level Rise and Inland Flooding

- Statutory and rule changes in multiple agencies to incorporate sea level rise and climate resilience
- MaineDOT is developing a coastal flood risk model for storms and projected sea level rise
 - Preliminary results: 2024
- The state will receive \$1 M from FEMA to conduct a Vulnerability Assessment of state assets to climate impacts

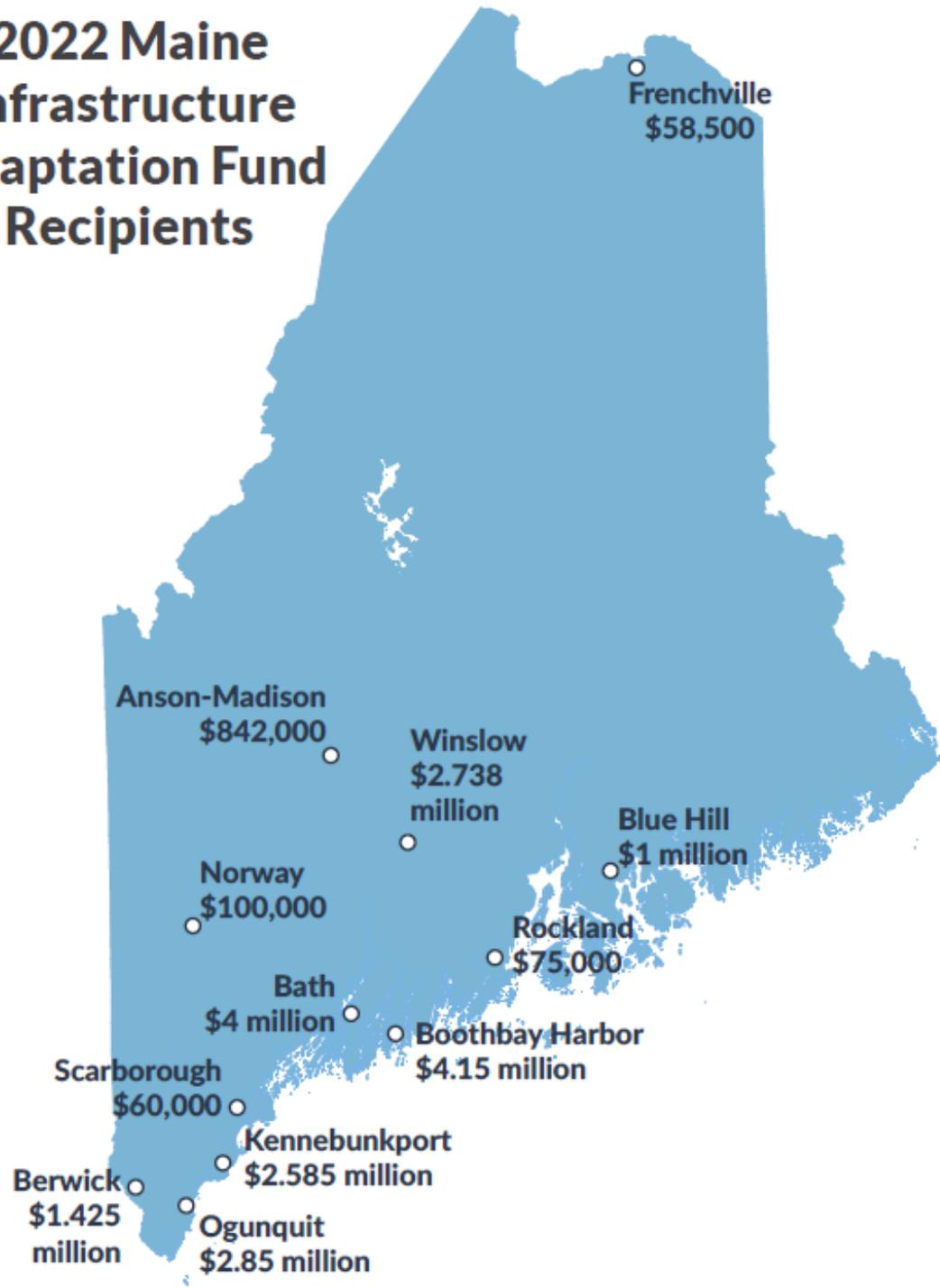
The Maine Climate Council recommends that the state consider committing to manage for 1.5 feet of relative sea-level rise by 2050, relative to the year 2000, and 3.9 feet of sea-level rise by the year 2100.



Providing technical assistance and funding for local climate action through the Community Resilience Partnership

- 174 participating communities
 - 129 fully enrolled
 - 45 working on enrollment with Service Providers
- Focus on Socially Vulnerable Communities

2022 Maine Infrastructure Adaptation Fund Recipients



Investing in Climate Ready Infrastructure through the Maine Infrastructure Adaptation Fund



- In 2022, awarded ~\$20 M to 12 communities to protect vital infrastructure
- 2023-2024 biennial budget: \$7 M for culverts, project development, and cost-share grants
- Significant state and federal investments in infrastructure, including wastewater and drinking water programs

Helping communities take action on climate change through Maine Climate Corps

Climate Corps programs take action in 8 areas:

- coastal zone
- transportation
- energy
- land and freshwater preservation
- housing
- community resilience
- education
- public health



First Climate Corps Program: Downeast Community Partners (DCP)

- **Counties Served:** Hancock and Washington
- 4 full-time Climate Corps members
- Conduct energy audits and provide energy efficiency education

***Maine Won't Wait* Recommendations and Present Status of Implementation**

Strategy F Build Healthy and Resilient Communities

Strategy F Recommendations 1-4

Strategy G Invest in Climate-Ready Infrastructure

Strategy G Recommendations 1-2

Strategy H Engage With Maine People and Communities

Strategy H Recommendation 3

March 2023 Equity Subcommittee Recommendations

Challenges and Opportunities

1. Goals and metrics to track our adaptation progress
2. Long-term adaptation funding and financing
3. Invest in tools and technical assistance for communities
4. Prepare for climate risks
 - Psychological resilience
 - Integrating resilience planning with emergency management
 - Begin the tough conversations around “getting out of harm’s way”

Community Resilience Strategy Survey *Coming Soon!*

