



Subcommittee on Long-Term Regional Planning
Processes and Business Modeling

Draft Climate Adaptation Master Plan for Water Policy Framework

Item 3b

February 26, 2025

Item 3b
CAMP4W
Draft Policy
Framework
Discussion

Subject

Discuss the development of a Climate Adaptation Policy Framework for Board Approval in April 2025.

Purpose

Seek input from the CAMP4W Task Force on the Climate Adaptation Policy Framework aimed to systemically align Metropolitan with CAMP4W priorities.

Next Steps

The Climate Adaptation Policy Framework will be incorporated into the Draft CAMP4W Implementation Strategy, which will be brought to the Board for approval in April.

2025 Q1 CAMP4W Activities

➤ Feb. 26, 2025: CAMP4W Task Force

- Climate Adaptation Policy Framework
- Seek Board Input on Draft Master Plan Implementation Strategy
- Documents:
 - Final Working Memo #10
 - Draft Implementation Strategy
 - Draft 2024 Annual Report

➤ March 11, 2025: FAM

- Info Item: Draft CAMP4W Implementation Strategy
- Documents:
 - Draft CAMP4W Implementation Strategy

➤ March 26, 2025: CAMP4W Task Force

- Review CAMP4W Implementation Strategy
- Documents:
 - Draft CAMP4W Implementation Strategy

➤ April 8, 2025: FAM and Board

- Seek Board Approval of CAMP4W Implementation Strategy
- Documents:
 - Final CAMP4W Implementation Strategy

CAMP4W Task Force Charter

CAMP4W Task Force

Joint Task Force of Board Members and Member Agencies has been chartered to produce a regional plan (CAMP4W) that will develop and establish a master plan that includes:

- Climate and Growth Scenarios
- Time-bound Targets
- Framework for Climate Decision-Making and Reporting
- **Policies, Initiatives, and Partnerships**
- Business Models and Funding Strategies



A Policy
Framework to
systemically
integrate
Climate
Adaptation

Policy Framework Objectives

1. Systemically integrate climate adaptation, deepen knowledge and understanding of impacts, and improve climate hazard response
2. Update existing and set new policies to strengthen the role of adaptive management and climate adaptation in Metropolitan's initiatives and decision making
3. Underscore the value of the Metropolitan Member Agency cooperative and other partnerships in achieving regional climate resilience



A Policy
Framework to
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Adaptation

Existing Climate-Related Policies

1. Board Legislative Priorities reviewed annually to address emerging and applicable issues related to climate action and adaptation
2. Existing Board Adopted Policy Principles include limited climate-specific policies:
 - 2022 Bay-Delta Policy Framework addresses climate risks and resilience in Bay-Delta
 - 2016 Policy on incorporating climate adaptation into Watershed Management Plans
 - 2002 Policy on incorporating climate into water resources planning



Climate Adaptation Policy Framework Structure

CAMP4W Themes

Reliability

Resilience

Financial
Sustainability

Affordability

Equity

Policy Statements (Overarching Direction)

Integrate climate adaptation into water supply reliability

Achieve climate resilience of resources and infrastructure

Account for financial risks associated with climate change

Consider cost impacts of climate adaptation

Include affected communities in climate adaptation

Initiatives (Specific Implementation Actions)

Policies, Programs, Actions, Studies, Research, Partnerships etc. to implement Climate Adaptation Policy Objectives

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Framework
Reliability	➤ Metropolitan will consider climate risks and integrate climate adaptation strategies into water supply programs, policies, planning, implementation and operations
Resilience	➤ Metropolitan will integrate climate risk and vulnerability assessments for climate-related hazards including drought, extreme heat and precipitation, sea level rise, flooding, and wildfire using the best available climate science and climate change information into planning, implementation and operations
Financial Sustainability	➤ Metropolitan will reduce short-term and long-term climate-related financial risks through periodic reviews and potential refinement of its business model, active monitoring and managing of financial conditions, and by maintaining flexible financing alternatives
Affordability	➤ Metropolitan will continue to support retail user affordability efforts that support our mission to provide regional wholesale water service in the most economically responsible way
Equity	➤ Metropolitan will engage with the diverse communities we serve to listen, communicate transparently, and co-create solutions for greater equity in climate adaptation planning and implementation

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Framework
Reliability	<ul style="list-style-type: none">➤ Metropolitan will consider climate risks and integrate climate adaptation strategies into water supply programs, policies, planning, implementation, and operations

Example Initiatives:



Incentives for Member Agencies to increase regional water resilience



Infrastructure projects to improve access to water supplies



Watershed resilience projects to strengthen imported supplies



Programs to actualize benefits from wet weather years

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Framework
Resilience	<ul style="list-style-type: none">➤ Metropolitan will integrate climate risk and vulnerability assessments for climate-related hazards including drought, extreme heat and precipitation, sea level rise, flooding, and wildfire using the best available climate science and climate change information into planning, implementation and operations

Example Initiatives:



Establish infrastructure performance criteria and implement infrastructure projects to achieve climate resilience



Assess power system vulnerabilities



Review workforce safety measures for climate risks

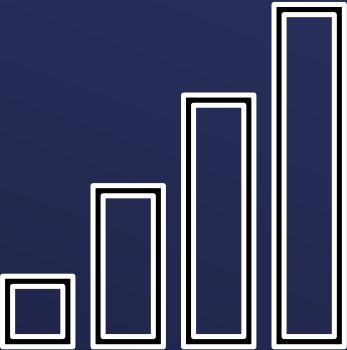


Update fire management plans for critical facilities

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Framework
Financial Sustainability	<ul style="list-style-type: none">➤ Metropolitan will reduce short-term and long-term climate-related financial risks through periodic reviews and potential refinement of its business model, active monitoring and managing of financial conditions, and by maintaining flexible financing alternatives

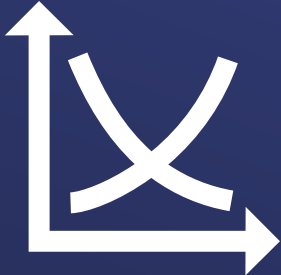
Example Initiatives:



Track financial implications of climate-induced expenses



Consider updates to reserve policy



Consider adjustments to fixed and volumetric rate structures

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Framework
Affordability	➤ Metropolitan will continue to support retail user affordability efforts that support our mission to provide regional wholesale waters service in the most economically responsible way

Example Initiatives:



Identify new partnerships, grants, and revenue sources for climate adaptation



Enhance water conservation incentives to reduce financial impacts



Work with Member Agencies to identify funds for statewide low-income rate assistance

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Framework
Equity	➤ Metropolitan will engage with the diverse communities we serve to listen, communicate transparently, and co-create solutions for greater equity in climate adaptation planning and implementation

Example Initiatives:



Develop environmental justice and community benefits policy



Develop community engagement standards



Partner with CBOs to advance water efficiency programs

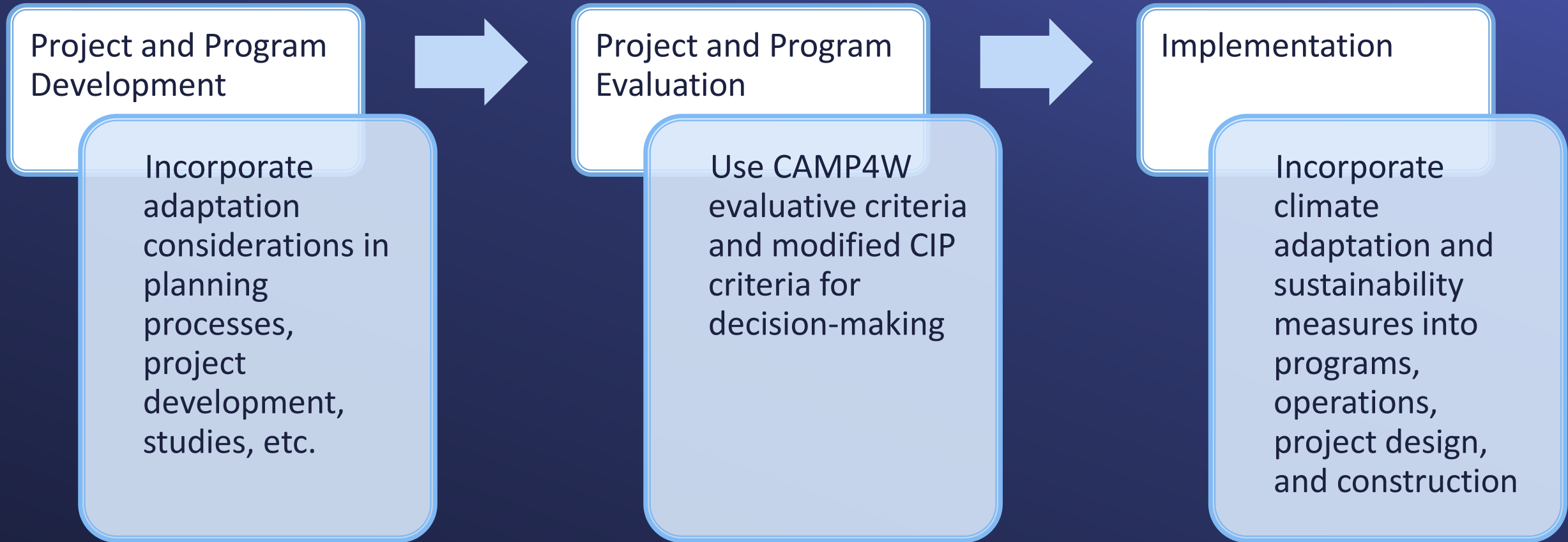
Policy Framework is a Driver for Future Action





Supplemental Slides

Integrating Climate Adaptation (Working Memo #7)



Working Memo #7

Integrating Climate Change Adaptation into Metropolitan's Planning Processes



Specific Actions to Integrate Climate Adaptation

- 1) Planning Phase:
 - a. Incorporate CAMP4W priorities, as reflected in the CAMP4W evaluative criteria, in updates to Metropolitan plans, guidelines, standards, and reports.
 - b. Add language to Requests for Proposals, if applicable, and project scoping documents to reflect climate adaptation priorities.
 - c. Update data sets, assessments, and analyses to reflect real-world conditions (as reported through Signposts) and the best available climate science.
- 2) Evaluation Phase:
 - a. Evaluate projects and programs meeting the CAMP4W threshold utilizing CAMP4W evaluative criteria.
 - b. Modify CIP evaluative criteria to reflect CAMP4W priorities and utilize for all projects being evaluated.
- 3) Deliberation Phase:
 - a. Support Board deliberation at each iteration with best available information.
 - b. Prepare CAMP4W briefing sheets for Board actions.
- 4) Implementation Phase:
 - a. Develop project and program implementation documents (specifications, provisions, plans, etc.) to advance CAMP4W priorities.

Additional Comments Received

Working Memorandum #7

Comments	Response
Facilitate a focused Member Agency Meeting on process for integrating climate adaptation into planning processes	Will organize in implementation phase
Provide information on when past planning processes will be updated	Will be included in Implementation Strategy timelines
Add additional context on August 2022 SWPDA Board resolution and corrections to SWPDA section	Will amend content in next version of Implementation Strategy