

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 Ql 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

CAMP4W Task Force Charter 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



Policy Framework Objectives

A Policy
Framework to
systemically
integrate
Climate
Adaptation

- 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 <u>adaptive management</u> and <u>climate adaptation</u> in Metropolitan's <u>initiatives and decision making</u>
- 3. Underscore the value of the Metropolitan Member Agency <u>cooperative</u> and other <u>partnerships</u> in achieving <u>regional climate</u> <u>resilience</u>



A Policy Framework to systemically integrate Climate 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				

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

Themes	Policy Framework	
Reliability	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

Themes	Policy Framework	
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	

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

Themes	Policy Framework
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

Example Initiatives:



Track financial implications of climate-induced expenses



Consider updates to reserve policy



Consider adjustments to fixed and volumetric rate structures

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

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)

Project and Program Development



Evaluation
Use
eval

Project and Program



Implementation

Incorporate adaptation considerations in planning processes, project development, studies, etc.

Use CAMP4W evaluative criteria and modified CIP criteria for decision-making

Incorporate climate adaptation and sustainability measures into programs, operations, project design, and construction

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