



One Water and Stewardship Committee

Draft Climate Adaptation Master Plan for Water Policy Framework

Item 9d

November 18, 2024

Item 9d
CAMP4W
Draft Policy
Framework
Discussion

Subject

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

Purpose

Seek input from the One Water and Stewardship Committee on the value of developing a Climate Adaptation Policy Framework that translates CAMP4W thematic priorities into Policies, Initiatives and Partnerships

Next Steps

Jan/Feb – Present Climate Adaptation Policy Framework as a component of the Draft CAMP4W Master Plan



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

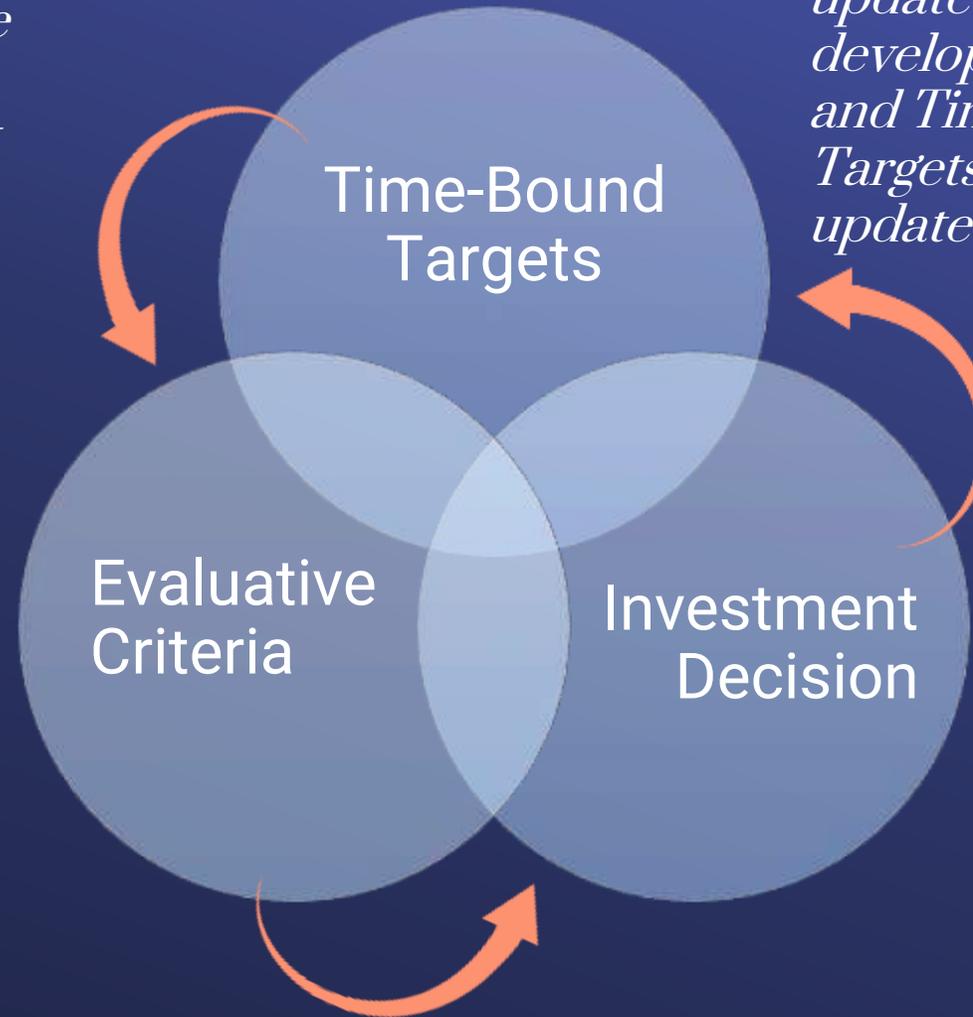


Climate Decision-Making Framework focused on Projects and Programs

Integrated Elements:
Time-Bound Targets, Evaluative Criteria and Investment Decisions function together



Time-Bound Targets guide project development and inform scoring of projects



Adaptive Management: update resource development needs and Time-Bound Targets based on updated projections

Assessments and Time-Bound Targets inform decision-making

A Policy Framework to systemically integrate Climate Adaptation

Policy Framework Objectives

1. Systemically integrate climate adaptation to increase preparedness and improve 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
systemically
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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



DRAFT Climate Adaptation Policy Framework Structure

CAMP4W Themes

Reliability

Resilience

Financial
Sustainability

Affordability

Equity

Board Policy Statements (Overarching Direction) - 2024

Policy Statement to integrate climate adaptation into water supply reliability efforts

Policy Statement to achieve climate resilience of resources and infrastructure

Policy Statement to account for financial risks associated with climate change

Policy Statement to consider cost impacts of climate adaptation planning and implementation

Policy Statement acknowledging the role and importance of communities in climate adaptation

Initiatives (Specific Implementation Actions) – 2025

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

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Statements (DRAFTS)
Reliability	<ul style="list-style-type: none">➤ Long-term regional water supply reliability requires ongoing consideration of climate risks and integration of climate adaptation strategies into Metropolitan programs, policies, planning, workforce development, budgeting, land management, purchasing, and operations
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
Financial Sustainability	<ul style="list-style-type: none">➤ Metropolitan will reduce short-term and long-term climate-related financial risks through its reserve policy, efforts to increase fixed revenues, active monitoring and managing of financial conditions, and by maintaining flexible financing alternatives
Affordability	<ul style="list-style-type: none">➤ Metropolitan will continue to support retail user affordability efforts by pursuing cost-effective investments, new non-rate dependent revenue sources and other financial tools that support our mission to provide regional wholesale water service in the most economically responsible way
Equity	<ul style="list-style-type: none">➤ 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 Statements (DRAFTS)
Reliability	<ul style="list-style-type: none">➤ Long-term regional water supply reliability requires ongoing consideration of climate risks and integration of climate adaptation strategies into Metropolitan programs, policies, planning, workforce development, budgeting, land management, purchasing, and operations

Example Initiatives:



Revise design standards to address climate risks



Strengthen local/regional water and climate resilience programs



Strengthen imported supplies



Partner with Member Agencies

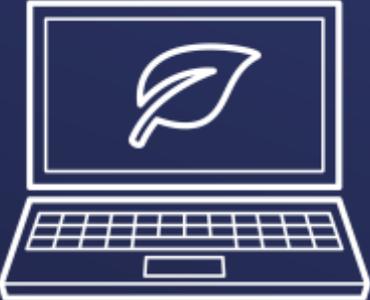
CAMP4W Themes Inform Policy Framework and Initiatives

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Example Initiatives:



Manage vulnerabilities to power infrastructure



Collect and track latest climate data



Review workforce safety measures for climate risks



Maintain updated fire management plans for critical facilities

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Statements (DRAFTS)
Financial Sustainability	<ul style="list-style-type: none">➤ Metropolitan will reduce short-term and long-term climate-related financial risks through its reserve policy, efforts to increase fixed revenues, active monitoring and managing of financial conditions, and by maintaining flexible financing alternatives

Example Initiatives:



Identify partnership opportunities to share costs and benefits of adaptation strategies

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Statements (DRAFTS)
Affordability	<ul style="list-style-type: none">➤ Metropolitan will continue to support retail user affordability efforts by pursuing cost-effective investments, new non-rate dependent revenue sources and other financial tools that support our mission to provide regional wholesale waters service in the most economically responsible way

Example Initiatives:



Develop water conservation rebates and incentives to reduce financial impacts of climate adaptation efforts on retail water users, including in DACs



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

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Policy Statements (DRAFTS)
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

2024-25 Schedule of CAMP4W Discussions



Review, Prioritize and Evaluate Business Model Alternatives

