



One Water and Stewardship Committee

CAMP4W Policies, Initiatives, and Partnerships Discussion

Item 6e

August 19, 2024

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CAMP4W Policies, Initiatives, and Partnerships 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

Oct 2024 - Seek CAMP4W Task Force input on a Draft Climate Adaptation Policy Framework

Dec 2024 – 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

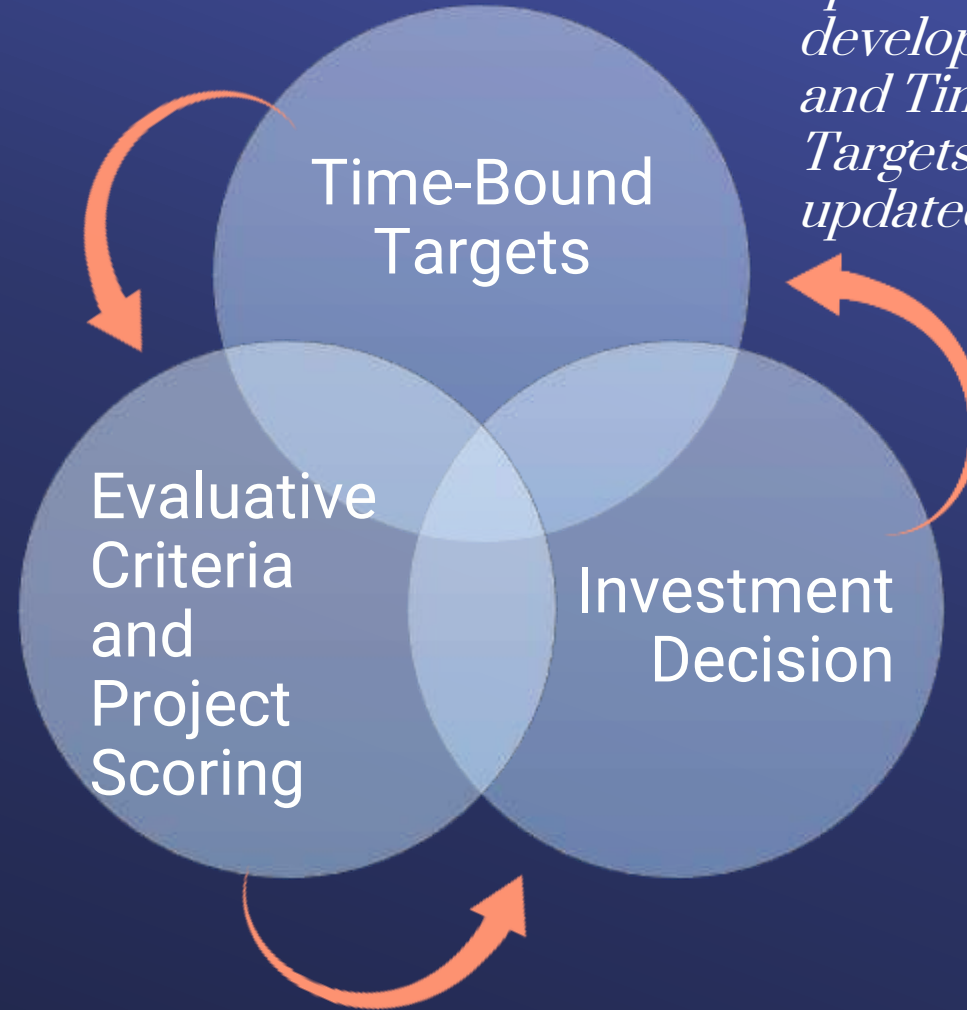


Climate Decision-Making Framework focused on Projects and Programs

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

Scores and Time-Bound Targets inform decision-making

Purpose of Climate Adaptation Policy Framework

Systemically enhance Metropolitan's ability to adaptively manage, strengthen regional climate resilience, and further Metropolitan's mission of providing its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way



A Policy Framework to systemically integrate Climate Adaptation

DRAFT 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












Policy and Initiative areas identified in Year One Progress Report



SHAPING OUR FUTURE

Policies that focus on being equitable, forward-thinking, and environmentally sustainable can shape the direction Metropolitan takes into the future, impacting investment decisions and the footprint we leave behind.

 EQUITABLE SUPPLY RELIABILITY While Metropolitan's Resource-Development targets identify the supply and storage needs for long-term reliability, the decision to specifically focus on areas experiencing inequity is driven by policy-based targets. Metropolitan's policy goals can further identify the types of measures it will prioritize towards meeting these goals.	 LOCAL AGENCY SUPPLY DEVELOPMENT The IRP Needs Assessment assumes a certain amount of local supply will remain available overtime. By developing policies that focus on supporting Member Agencies in their efforts to protect, preserve, and share those supplies, Metropolitan will define its preference towards continuing to support local supply reliability as a key resource.	 CONSERVATION AND EFFICIENCY Metropolitan embraces Making Conservation a California Way of Life, by considering policies and programs that capture the true value of water efficiency and conservation to achieve our goals of long-term reliability, resilience and financial sustainability. This includes policies to support Member Agency compliance with SWRCB standards.
 RESILIENT INFRASTRUCTURE Assessing climate risks and expanding Metropolitan's current robust process of asset protection is critical. As our climate and risks shift, policies that direct Metropolitan to identify and address risks based on future conditions will help guide investment decisions.	 SUSTAINABILITY As an environmental steward, current and new Metropolitan policies can contribute to long-term environmental sustainability including reducing our greenhouse gas emissions, increasing energy and water efficiency, pursuing renewable energy and reducing waste.	 SURPLUS WATER MANAGEMENT Policies can support Metropolitan's management of surplus water such as during flooding events or when excess recycled water is available, by developing additional storage within existing basins and reservoirs and through new opportunities.
 ECOSYSTEM AND HABITAT BENEFITS Healthy ecosystems can impact water quality, water supply, and infrastructure resilience. Policies can drive investment to make the ecosystem more resilient to fires, flooding and other risks, protect the water quality coming from the watershed, influence supply reliability, and protect infrastructure from risk of loss or damages.	 COMMUNITY EQUITY AND AFFORDABILITY Metropolitan is committed to diversity, equity, and inclusion, through policies such as mitigating impacts to disadvantaged communities or engaging underrepresented communities in workforce development, and those that consider affordability and Metropolitan's role as a wholesaler.	 WORKFORCE DEVELOPMENT Preparing for a future with increased climate extremes drives the need for critical policies surrounding workforce development goals and Metropolitan's process for protecting employees operating under extreme or otherwise risky conditions.

DRAFT Policy Framework Structure

CAMP4W Themes

Reliability

Resilience

Financial
Sustainability

Affordability

Equity

Board Policy Statements (Overarching Direction)

Policy Statement to
integrate climate
adaptation into water
supply reliability
efforts

Policy Statement to
achieve climate
resilience of resources
and infrastructure

Policy Statement to
ensure short and long-
term revenues to
adapt to climate
change

Policy Statement to
account for financial
impacts of climate
adaptation
investments

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

Initiatives (Specific Implementation Actions)

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

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Example Policy Statements (DRAFTS)
Reliability	➤ 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	➤ 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 its existing reserve policy for emergency response and through enabling investments that help reduce the risks of climate change
Affordability	➤ Supporting retail customer affordability ensures financial sustainability for all water agencies to make necessary water project and program investments
Equity	➤ Increasing community equity and engagement positively impacts Metropolitan's programs, projects, outcomes and partnership and funding opportunities

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Example 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

Themes	Example Policy Statements (DRAFTS)
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:



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	Example Policy Statements (DRAFTS)
Financial Sustainability	➤ Metropolitan will reduce short-term and long-term climate-related financial risks through its existing reserve policy for emergency response and through enabling investments that help reduce the risks of climate change

Example Initiatives:



Identify partnership opportunities to share costs and benefits of adaptation strategies

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Example Policy Statements (DRAFTS)
Affordability	➤ Supporting retail customer affordability ensures financial sustainability for all water agencies to make necessary water project and program investments

Example Initiatives:



Develop water conservation programs, rebates and incentives to increase participation by DACs



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

CAMP4W Themes Inform Policy Framework and Initiatives

Themes	Example Policy Statements (DRAFTS)
Equity	➤ Increasing community equity and engagement positively impacts Metropolitan’s programs, projects, outcomes and partnership and funding opportunities

Example Initiatives:



Develop environmental justice
and community benefits policy



Develop community
engagement standards

Process for Climate Adaptation Policy, Initiatives, and Partnerships Development



2024 Schedule of CAMP4W and Business Model Discussions

rev. Aug '24

