

Long-Term Regional Planning Processes and Business Modeling Subcommittee

Potential Framework for Climate Adaptation Master Planning Process

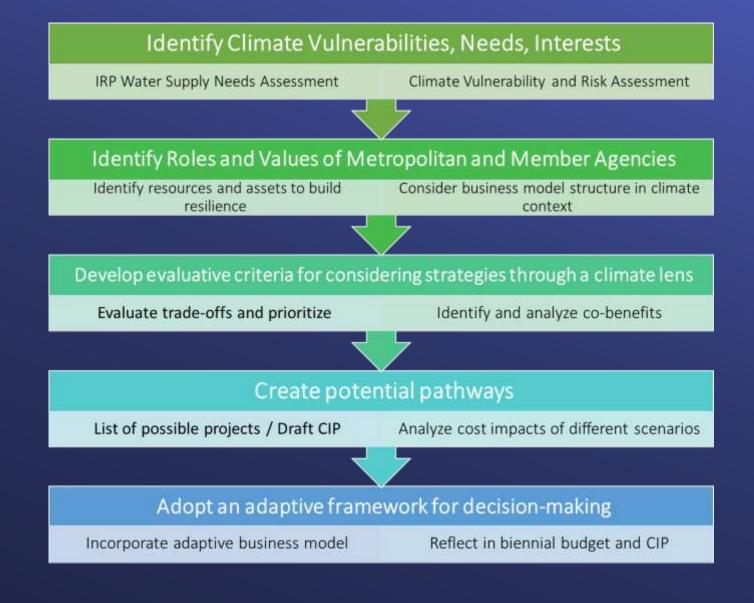
Item 3a March 28, 2023

Today's Discussion

Climate Adaptation Master Plan for Water (CAMP4W)

- Potential Framework for Planning Process
- Draft Committee Reporting Structure
- CAMP4W Goals and Planning Document Purpose and Status, incl. comments received
- Next Steps

Climate Adaptation Master Plan for Water



Potential Upcoming Board Policy Decisions

Climate Adaptation Master Plan for Water (CAMP4W)

- 1) Develop mutual understanding of key terms and outline goals and potential impacts for Metropolitan and Member Agencies related to:
 - Resilience, Reliability, Financial Sustainability, Affordability
- 2) Develop evaluative criteria to measure climate resilient strategies for:
 - Local and regional water supply and conveyance projects
 - Storage development inside and outside service area
 - Investments in imported water supply
 - Demand management and conservation programs
- 3) Identify potential pathways for future investment to meet resilience, reliability, financial sustainability and affordability goals and objectives and evaluate against criteria
- 4) Evaluate organizational needs for meeting goals and objectives including:
 - Business model options
 - Financing and rate structures
 - Workforce development

Potential Climate Adaptation Master Planning Process

Defining the Problem

- BoardRetreat
- Initiate mutual understanding of climate vulnerabilities, MA needs and interests, values and challenges

Readiness & Structure

- Discuss planning and schedule
- Start to discuss key terms
- Hire climate, planning consultants

Resilience & Reliability

- BoardWorkshop
- Mutual understanding of terms
- Discuss climate risks
- Water Supply Gap Analyses
- Align MWD planning with MA plans
- Consider evaluative criteria

Affordability & Financial Sustainability

- BoardWorkshop
- Mutual understanding of terms
- Test criteria
- Identify vulnerable / high risk areas
- Discuss tradeoffs and co-benefits

Resilient Water Supply Pathways

- BoardWorkshop
- Consider potential pathways
- Discuss tradeoffs and co-benefits
- costs
 associated
 with
 potential
 pathways

Water Resilience & Business Model

- Consider potential pathways
- Explore
 financing
 models for
 regional and
 local projects

Water Resilience & Financial Sustainability

- Test pathways
- Consider "no regrets" projects
- Explore connection to CIP and Biennial Budget

Decision Making Framework

- Consider an adaptive framework for decision-making
- Refine CIP and Biennial Budget

Member Agency and Public Engagement

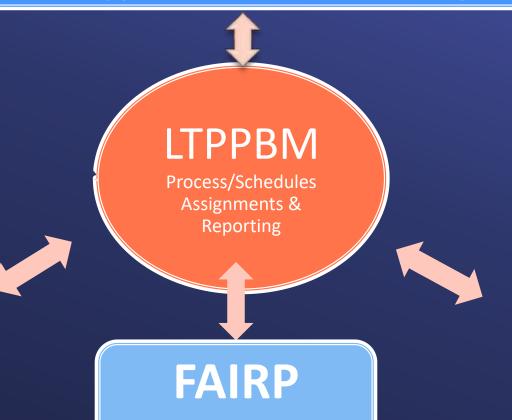
DRAFT
Board Committee
Reporting
Structure

BOARD OF DIRECTORS

Final Approvals • Focused Workshops

Other Committees

EOT: SWPDA projects,
PWSC, CIP discussions,
power supply
EOP: Ethical decision
making
EIA: Affordability,
Equity



Process/Schedules
Business Model
Financing Plan
Rates Review

OWS

Risk
Evaluative Criteria
Resilient Water Supply
Pathways
Demand Management &
Conservation

Intent of Goals and Planning Document

Climate Adaptation Master Plan for Water

(CAMP4W)

- 1. Memorialize issues raised in the February Board Retreat
- 2. Provide context and high-level goals for the Climate Adaptation Master Planning Process
- 3. Initiate mutual understanding around key terms
- 4. Identify policy and planning issues to be addressed during the Climate Adaptation Planning Process

Sample of Board Board Comments to Date Climate Adaptation Master Plan for Water (CAMP4W)

- This is a Board-driven process and Member Agency input is essential
- Describe the steps in the planning process
- Develop mutual understanding of key terms: Resilience, Reliability, Financial Sustainability, Affordability (including metrics and methods for measuring)
- Focus water planning first on near-term needs including facilities to serve SWPDA
- Align with Member Agency planning efforts
- Next workshop should focus on developing empathy and understanding among Board Members

Sample of Member Agency Comments to Date

Climate Adaptation

(CAMP4W)

Master Plan for Water

- Need a detailed process and schedule
- Goals and Objectives should be highlighted
- Frame as guidance and considerations, not as policy positions
- Develop mutual understanding of key terms: Resilience, Reliability, Financial Sustainability, Affordability (including metrics and methods for measuring)
- Align with Member Agency planning
- Consider current climate risks including an emphasis on SWP-dependent areas as well the potential impacts of no action
- Suggestion to break out document into 3 sections/phases: (1) Overarching Goals; (2) Definitions; (3) Guidance

Potential Outcomes of Today's Discussion

Any Action Items will go to:

- 1) 4/10 FAIRP Committee
- 2) 4/11 Board of Directors

- 1) Direct staff to schedule and organize a series Board sessions focused on building mutual understandings of each other's needs, interests and values, communication techniques, aligning on key terms and developing evaluative criteria and potential pathways to adapt to climate change
- 2) Encourage FAIRP and Board to authorize General Manger to initiate the development of the Climate Adaptation Master Plan for Water, including staff report backs on:
 - Climate risks and vulnerabilities
 - Water Supply Gap Analyses
 - Next steps to align with MA plans
- 3) Encourage the Board to use the Goals and Planning Considerations document, associated comments and the Facilitators' Retreat Report as background information for the CAMP4W process

