



Subcommittee on Long-Term Regional Planning
Processes and Business Modeling

Evaluative Criteria and Climate Decision-Making Framework

Item 3b

September 25, 2024

Today's Discussion

- ✓ Review Feedback To Date
- ✓ Applicable Projects and Programs
- ✓ Draft CAMP4W Assessment Form
 - ✓ Summary Page
 - ✓ Color Ranking
 - ✓ Six Evaluative Criteria Attributes
- ✓ Example Project Assessment
- ✓ Next Steps



CAMP4W Evaluative Criteria Feedback

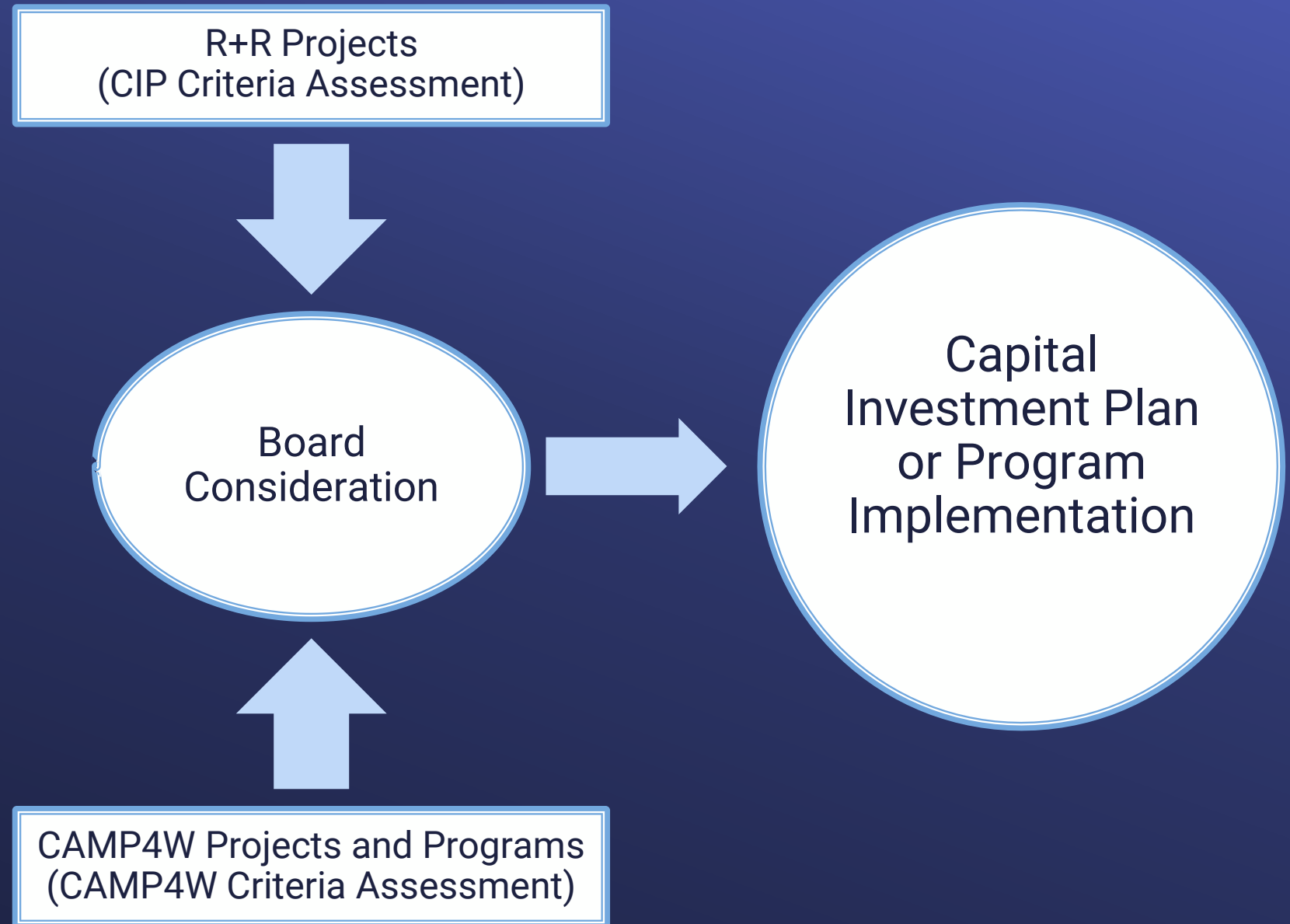
- General support for including both quantitative and qualitative information that lead to staff recommendations
- Some support for scoring each criteria category numerically or with color ranking
- Suggestion to include some minimum threshold(s)
- Project review should not be limited to yes/no Qs
- Desire to emphasize reliability and cost factors and reflect the magnitude of projects
- Discussion around whether criteria will apply to projects, programs and portfolios as well as the opportunity to include companion projects
- Ensure assessment can reflect programs and projects that optimize existing infrastructure and resources

CAMP4W Comprehensive Assessment

Proposed Rubric Includes Quantitative and Qualitative Measures

Evaluative Criteria	Each project or program would be considered through a robust narrative description of how project attributes achieve each objective Descriptions could include: ✓ Quantitative metrics ✓ Qualitative information ✓ Gaps in information available
Reliability	
Resilience	
Adaptability & Flexibility	
Affordability	
Environmental Co-Benefits	
Equity	

Which Investments will be Evaluated in the CAMP4W Process?



Which Investments will be Evaluated in the CAMP4W Process?

Potential questions where a “yes” answer would mean a project or program will be considered through CAMP4W:

- Is the project or program providing a new core supply, flex supply, or storage, or is the project or program enabling a new core supply, flex supply, or storage?
- Is the project or program addressing a known vulnerability to an asset(s) and does it involve improvements beyond what would be required to perform traditional R&R for that asset?
- Does the project or program exceed a certain flow-based threshold (CFS or AFY) or cost threshold (capital or O&M cost)?



Potential Projects and Programs for Future CAMP4W Assessment (not exclusive)

Core Supply

- Pure Water Phase I & II
- Delta Conveyance Project
- Groundwater Desalination
- Ocean Desalination
- Conservation / Efficiency Programs

Surface Water Storage

- Sites Reservoir
- San Joaquin Phase I & II
- Castaic Lake
- In-region Storage

Groundwater Storage

- AVEK Phase II
- Central Valley Storage
- Hayfield
- Surplus Water Management

Flexibility and Resilience

- Sepulveda Pumping Phase II
- East-West Conveyance
- AVEK to West Side

Energy Sustainability

- CRA Pump Storage
- DVL Pump Storage
- In & Out of Region Solar

CAMP4W Assessment *DRAFT*

Reliability

Blending quantitative
and qualitative
information to produce
a comprehensive
assessment

Reliability Attributes

To what degree does it advance equitable supply reliability?

To what extent does it help meet supply reliability objectives based upon Average and Dry Year conditions?

How reliable is the source of the supply in projected climate conditions?

Describe the potential portfolio benefits (e.g., how does it perform alone, with another project/program, or only with the other project/program)?

Source/Type Data

- 1) IRPSIM
- 2) Historical drought sequence data
- 3) Qualitative description of reliability attributes and/or limitations

**Revised Attribute Questions are now Integrated
into CAMP4W Assessment Form**

Metropolitan Water District of Southern California CAMP4W Comprehensive Assessment

Metropolitan is committed to meeting its mission in the face of a changing climate by developing projects and programs that advance Time-Bound Targets, consistent with the Board's priorities. This comprehensive assessment is a key part of the Climate Decision-Making Framework and will be used to support Board deliberations on which projects and programs Metropolitan should pursue.

Project/Program/Portfolio at a Glance

Title of Project/Program/Portfolio

Status (planning/design/implementation)

Capacity (if applicable)

Capital Cost (2024) Operation/Maintenance or Ongoing Cost (2024)

Description and how the project/program/portfolio supports water supplies, reliability and/or delivery

Portfolio view and additional potential companion projects/
programs/portfolios

Summary of Assessment and Staff Recommendation

Each criteria and attribute presented on the following pages includes a description of the quantitative and qualitative measures relevant to the proposed project or programs, as well as, Metropolitan staff's recommendation.

Metropolitan Water District of Southern California CAMP4W Comprehensive Assessment

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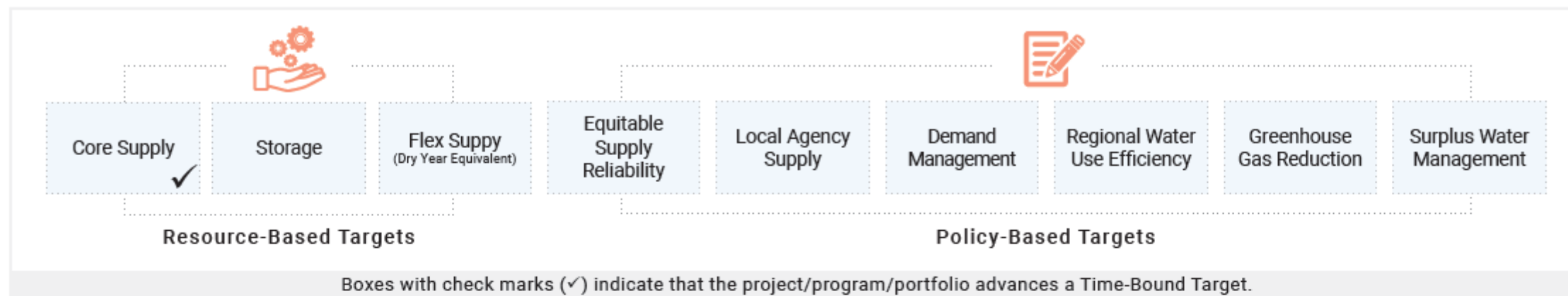
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Summary of Assessment and Staff Recommendation

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What Time-Bound Targets Does the Project/Program/Portfolio Address?



Summary of Assessment and Staff Recommendation *(see footnote on Page 2 for ranking guidelines)*

Reliability	Resilience	Financial Sustainability and Affordability	Adaptability and Flexibility	Equity	Environmental Co-Benefits
Severely Compromised	Significant	Exceptional	Significant	Limited	Compromised

See the following pages for a detailed assessment across each Evaluative Criteria category.



Footnote: Ranking Guidelines Overall

These **rankings** define which level a project, program or portfolio will deliver CAMP4W objectives overall.

	Exceptional Performance and Value
	Significant Performance and Value
	Limited Performance and Value
	Compromised Performance and Value
	Severely Compromised Performance and Value
	Not Yet Determined



Assessment

Evaluative Criteria	Attributes	Assessment	Value
 Reliability Supply Performance Equitable Reliability	1. To what degree does it advance equitable supply reliability?		Exceptional
	2. To what extent does it help meet supply reliability objectives based upon Average and Dry Year conditions?		Significant
	3. How reliable is the source of the supply in projected climate conditions? • Provide data on the frequency with which the source is available under multiple conditions.		Limited
	4. Describe the potential portfolio benefits (e.g., how does it perform alone, with another project, or only with the other project)?		Compromised

Examples of sources of information and/or content to be provided in the assessment field:

- 1. IRPSIM
- 2. Historical drought sequence data
- 3. Qualitative description of reliability attributes and/or limitations

Additional Information

Please describe how the proposed project or program advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

Key

Exceptional

Significant

Limited

Compromised

Severely Compromised

Undetermined or Not Applicable

Ranking Guidelines at the Attribute Level

Defining to which level a project, program or portfolio will deliver CAMP4W objectives for each attribute category.

Exceptional

The project/program/portfolio directly and completely addresses the benefits being assessed by the question/statement

Significant

The project/program/portfolio directly addresses most elements of the benefits being assessed by the question/statement.

Limited

The project/program/portfolio only addresses limited elements of the benefits being assessed by the question/statement or addresses them indirectly.

Compromised

The project/program/portfolio only addresses few or minor elements of the benefits being assessed by the question/statement or provides minor indirect benefits.

Severely Compromised

The project/program/portfolio does not provide any or very limited benefits to those being assessed by the question/statement.

Undetermined or Not Applicable

The ranking for this project/program/portfolio is not determined at this time.

Key

Exceptional

Significant

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Compromised

Severely
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Compromised

The project/program/portfolio only addresses few or minor elements of the benefits being assessed by the question/statement or provides minor indirect benefits.

Severely
Compromised

The project/program/portfolio does not provide any or very limited benefits to those being assessed by the question/statement.

Undetermined or
Not Applicable

The ranking for this project/program/portfolio is not determined at this time.

Example Portfolio CAMP4W Assessment

SWPDA Equitable Supply Reliability Near-Term Portfolio



Steps for Evaluative Criteria Development and Climate Decision-Making Framework



