

The ICARP Technical Advisory Council recognizes that while many stakeholders are needed to implement the state's adaptation and resiliency goals, the primary audience and focus of the Integrated Climate Adaptation and Resiliency Program is local and regional governments, while also playing a connecting role to state activities and policies. Given this direction, OPR staff is working to identify a suite of public-sector implementation actions and metrics.

The following concept proposal outlines a series of public agency implementation actions and corresponding goals and metrics, including a brief summary of existing tracking mechanisms (i.e. efforts currently underway that may be leveraged to support ICARP TAC efforts). Where possible, OPR staff has linked the proposed goals to existing legislative and executive actions.

The draft proposal does not currently address two complementary work areas of the TAC (1) defining vulnerability in the context of climate adaptation or (2) discussion and consideration of climate impact-specific metrics. ICARP staff proposes addressing these through the following next steps:

Defining vulnerability – November 20, 2017, TAC workgroup meeting

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- Presentation of sample definitions
- Presentation from Climate Justice Working Group (CJWG) on their recently released [guiding principles and recommendations](#).

Impact specific metrics – December 8, 2017, full TAC meeting

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*Tentative:* OEHHA presentation on the [2017 Update: Indicators of Climate Change in California](#)

- TAC discussion on gaps or indicators for future consideration

Discussion questions for the ICARP TAC, Vision and Principles Workgroup meeting, October 26, 2017

1. The State Sustainability Roadmap process establishes a baseline vulnerability assessment for state owned and leased facilities, as well as information on how climate adaptation considerations are made in department planning, engagement, and investment decisions, including questions specific to adaption investments made in Disadvantaged Communities.
  - a. Does the TAC have additional suggestions on how GovOps can incorporate climate adaptation metrics to the [sustainability dashboard](#)?
2. Can Safeguarding implementation tracking support and/or be incorporated into the TAC's tracking efforts?
3. Are there other existing state, regional, or local implementation tracking efforts that the TAC would like to consider for incorporation into the ICARP process?

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CONCEPT PROPOSAL: Tracking public sector climate adaptation implementation actions

SCALE	IMPLEMENTATION ACTION	GOAL/METRIC	FOCUS OR CLIMATE IMPACT	FREQUENCY	TRACKING MECHANISM
STATE	<b>Executive Order B-30-15</b>	<p>SAMPLE LANGUAGE: Pursuant to EO B-18-12, all State agencies and departments with state-owned or leased facilities prepare and submit Sustainability Roadmaps to the California Government Operations Agency. Beginning in 2017, these roadmaps will include data on climate impacts and guided discussion of climate risk, in accordance with the guidance developed under EO-B-30-15.</p>	<p><u>Facility-level discussion/review of climate risk and vulnerability for existing facilities, including:</u></p> <ul style="list-style-type: none"> <li>• Extreme Heat Events</li> <li>• Precipitation</li> <li>• Sea Level Rise</li> <li>• Consideration of Disadvantaged Communities</li> <li>• Urban Heat Islands</li> </ul> <p><u>Planning and Funding Programs</u></p> <ul style="list-style-type: none"> <li>• Integration of climate considerations in Department Planning</li> <li>• Engagement and Planning Processes</li> <li>• Funding Programs</li> </ul>	Every 2 years (starting in 2017)	<p>Sustainability Roadmap Process. Roadmaps are publicly accessible on the Sustainability dashboard.</p> <p><i>The Government Operations Agency (GovOps) currently tracks sustainability metrics, including emissions reductions.</i></p> <p><i>Adaptation related metric(s) could also be hosted on this dashboard.</i></p> <p><a href="http://www.green.ca.gov/">http://www.green.ca.gov/</a></p>
	<b>Safeguarding California Plan</b>	<p><a href="#">Appendix B</a> in the draft 2017 update to Safeguarding includes conceptual metrics for both “changing climate conditions” and “Resilience Outcomes”.</p>	<p>Sector-specific metrics for each of the 10 Safeguarding sectors (Agriculture, Biodiversity, Emergency Management, Energy, Forests, Land Use and Community Development, Ocean and Coast, Public Health, Transportation, Water)</p>	TBD	<p>Multiple, although not all proposed metrics are currently tracked through an existing program or effort (some metrics may be more feasible to track than others).</p>

SCALE	IMPLEMENTATION ACTION	GOAL/METRIC	FOCUS OR CLIMATE IMPACT	FREQUENCY	TRACKING MECHANISM
REGIONAL	TBD In coordination with SCAG, OPR staff will convene a meeting with MPOs to identify existing actions and metrics. Tentative schedule: <ul style="list-style-type: none"> <li>Conference call week of 11/6</li> <li>Report back to TAC WG on 11/20 for discussion</li> </ul>			TBD	ICARP Adaptation Clearinghouse
LOCAL	<b>Senate Bill 379</b>	All cities and counties will have incorporated adaptation and resiliency strategies applicable to that jurisdiction into the safety element of their General Plan by 2021 or upon the next update of their LHMP.	Incorporation of climate considerations in local planning documents	Annual (starting in 2018)	OPR Annual Planning Survey (APS)  <i>2018 APS could include adaptation specific questions to track Safety Elements and related documents that are created to meet SB 379 requirements.</i>
	<b>Local Hazard Mitigation Plans</b>	SAMPLE LANGUAGE: All approved LHMPs incorporate adaptation and resiliency considerations	TBD	TBD	CalOES currently tracks the status of FEMA approved <a href="#">Local Hazard Mitigation Plans by County</a> .  <i>Possible inclusion of adaptation considerations in CalOES tracking approach; or inclusion in OPR Annual Planning Survey</i>
<b>REPORTING APPROACH</b>				<b>FREQUENCY</b>	<b>TRACKING MECHANISM</b>
Implementation tracking report compiled by OPR and hosted on the ICARP clearinghouse (summary of results across scales and activities). Over time, the report can include longitudinal trends on public agency adaptation efforts.				State: biennial Regional: TBD Local: annual	ICARP adaptation clearinghouse