

## DISCUSSION

Agenda Item 4

September 15, 2017

**Subject:** Progress Update - Adaptation Financing Framework and Case Studies

**Staff Lead:** Nuin-Tara Key

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**RECOMMENDED ACTION:**

*None.*

**BACKGROUND:**

At the March 27, 2017 meeting the ICARP Technical Advisory Council (TAC) agreed that adaptation financing needs to be a key focus area for the Council in 2017 and subsequently, formed a Financing Workgroup.

With direction from the Financing Workgroup, ICARP staff are working to develop an *Adaptation Financing Framework* that will be hosted on the ICARP Adaptation Clearinghouse. The framework will highlight potential financing mechanisms that can be used to support adaptation planning and implementation efforts. In addition, the framework will include:

- Project-specific criteria or factors that should be considered when evaluating the utility of a specific financing mechanism
- Case studies that highlight how different mechanisms have been used to support adaptation and resiliency efforts
- Identification of current funding and financing gaps or challenges

OPR staff is working on the following efforts to inform the development of the framework:

1. Coordinating with the Resources Legacy Fund (RLF) research effort on adaptation funding/financing
2. Co-hosting regional convenings with the San Francisco Federal Reserve Bank (SF FRB) to identify regionally specific adaptation financing and funding opportunities and challenges.
3. Coordinating with the San Francisco Bay Conservation and Development Commission's (BCDC) Financing the Future Working Group effort to develop products that support local sea level rise implementation in the Bay Area.
4. Coordinating with the "Overcoming Financial and Institutional Barriers to Local Adaptation" project team (a California Fourth Climate Change Assessment funded project) to align the ICARP adaptation framework products as feasible. In addition to the technical academic study, the 4th Assessment project team is developing a number of complementary deliverables intended for local practitioners. These include an institutional adaptation capacity-building toolkit accompanied by a self-assessment tool and guidebook, and a financing archetypes framework.

**TAC Engagement**

- Draft and final products developed through each of the above efforts will be brought to the TAC Financing Workgroup and the full Council for guidance and input.
- ICARP staff will use these efforts to develop the *Adaptation Financing Framework* (to be hosted on the ICARP Adaptation Clearinghouse), with guidance and input from the TAC.

**Timeline (as of 8/29/17)**

COORDINATING EFFORT	TIMELINE
RLF research effort	<b>December, 2017:</b> TAC update <b>Early 2018:</b> Final Materials (date TBD based on final scope of work)
SF FRB convenings	<b>September – December, 2017:</b> Regional meetings (dates TBD) <b>December, 2017:</b> TAC update and report out <b>Early 2018:</b> Synthesis report and possible public release event in Sacramento
BCDC coordination	<b>September – October, 2017:</b> align coordination approach and define work products (next steps TBD)
Fourth Assessment Research	<b>Early 2018:</b> draft products <b>August 2018:</b> 4 <sup>th</sup> Assessment rollout
ICARP Adaptation Financing Framework	<b>December 8, 2017:</b> Update to TAC on Financing Framework <b>Early 2018:</b> Release of initial framework with Adaptation Clearinghouse launch