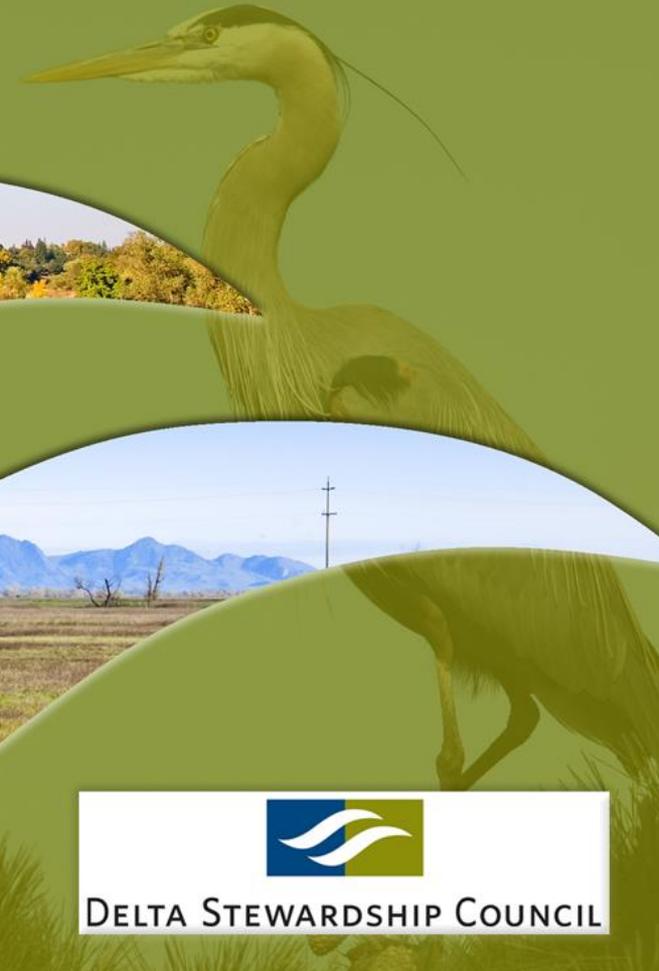


Delta Levees Investment Strategy

Public Meetings

Delta Stewardship Council

December 2014



DELTA STEWARDSHIP COUNCIL

Purpose & Agenda

-  Overview of the Delta Levees Investment Strategy
 - *Purpose and outcomes*
 - *Planning process*
-  Review initial project inputs
 - *Islands and tracts*
 - *Assets affected by Delta levees*
-  Introduce the planning tool for developing investment priorities
 - *Demonstration*
-  Questions and discussion

Agreements for a Successful Meeting

Be Respectful

- *Please silence all cell phones and electronic devices*
- *Listen carefully to other participants*
- *Avoid side conversations*

Participate

- *Learn about the project*
- *Please introduce yourself when you have questions or comments*
- *Discuss issues and ideas with the project team*
- *Submit written comments*

Project Team

-  Cindy Messer, Project Director
-  Dustin Jones, Project Manager
-  You Chen (Tim) Chao, Senior Engineer
-  Larry Roth, Project Manager, ARCADIS
-  Nidhi Kalra, Decision Support Specialist, RAND

Sacramento-San Joaquin Delta Reform Act of 2009

85305. (a) *The Delta Plan shall attempt to reduce risks to people, property, and state interests in the Delta by promoting effective emergency preparedness, appropriate land uses, and **strategic levee investments**.*

85306. *The council, in consultation with the Central Valley Flood Protection Board, shall recommend in the Delta Plan **priorities for state investments in levee operation, maintenance, and improvements** in the Delta, including both levees that are a part of the State Plan of Flood Control and nonproject levees.*

Why are we doing this project?

Working with other agencies and the public, the Council is developing a ***Delta Levees Investment Strategy*** to:

- Reduce risks to people, property, and State interests
- Update priorities for State investments in levee operations, maintenance, and improvements in the Delta
- Contribute to achieving the coequal goals for the Delta



What are State interests in the Delta?

 The Delta Reform Act and other state laws provide guidance on State interests

Public Health and Safety

- *Increase public health and safety*
- *Promote the public safety, health, and welfare, and protect public and private property, wildlife, fisheries, and the natural environment*
- *Reduce risks to people, property, and State interests*

Ecosystem

- *Protect, restore, and enhance the Delta ecosystem, including fisheries and wildlife*
- *Develop new or improved aquatic and terrestrial habitat and protect existing habitats*
- *Improve water quality*

Water Supply

- *Provide more reliable water supply*
- *Improve water conveyance*
- *Improve water quality*

Protecting Delta as Place

 Actions in the Delta to reduce risks to State interests should be implemented in a manner that considers:

Delta as Place

- *Protect and enhance the unique cultural, recreational, natural resource, and agricultural values of the Delta*
- *Protect, maintain, and where possible, enhance and restore the Delta environment, including, but not limited to, agriculture, wildlife habitat, and recreational activities*
- *Utilize and conserve Delta resources, taking into account the social and economic needs of the people of the state*
- *Protect natural and scenic resources of the Delta*
- *Conserve and develop Delta land resources*
- *Maximize public access to Delta resources and maximize public recreational opportunities in the Delta*

State Economy

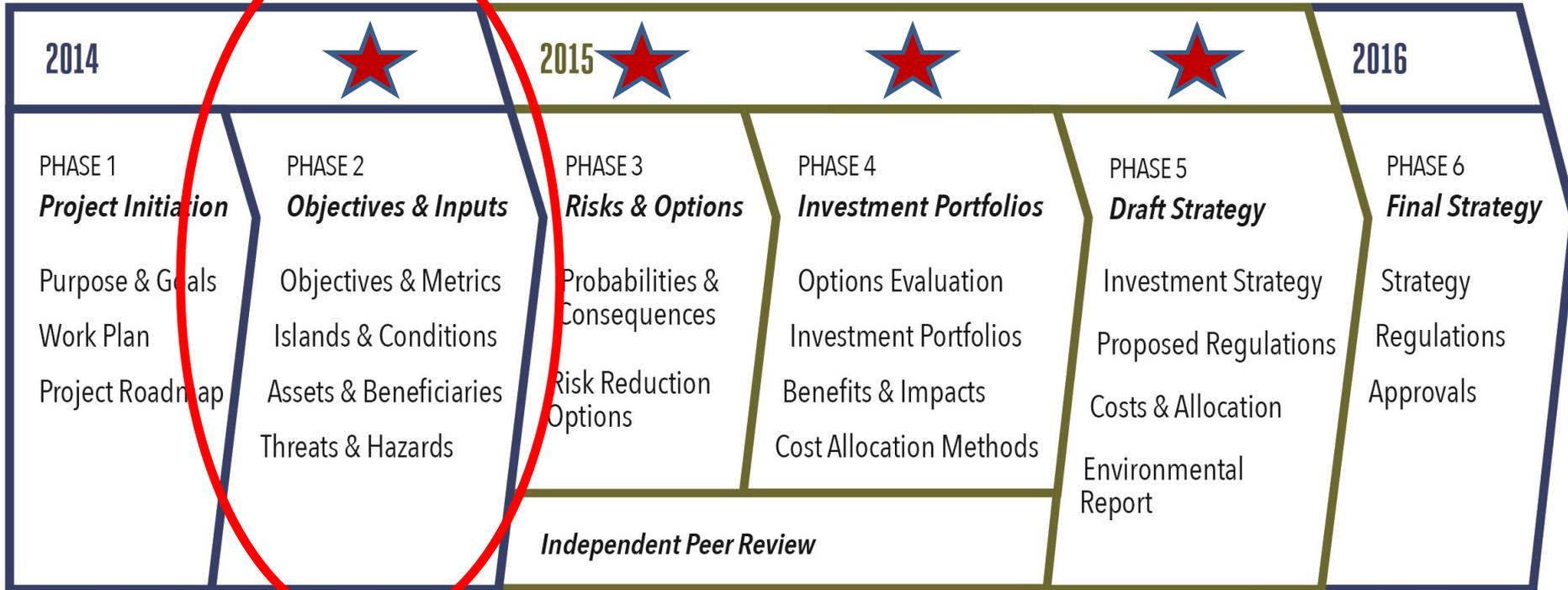
- *Support the economic and social well-being of the people of this state and especially to persons living and working in the Delta*

Outcomes of the Delta Levees Investment Strategy

-  Comprehensive levee investment & risk-reduction strategy
 - *Tiered ranking of investments for Delta levee improvements*
 - *Allocation of costs based on beneficiaries*
 - *Guidelines on appropriate levels of protection*
-  Revisions to the interim Delta Plan risk-reduction regulations and recommendations
-  A computer-based, decision-support tool that helps update investment priorities based on new information

How We Plan to Develop the Strategy

Project Planning Process



Approach for Developing Priorities

-  Measure how projects protect State interests
 - *Public health and safety*
 - *Ecosystem*
 - *Water supply*
 - *Delta as an evolving place*
-  Rank projects based on performance under many future conditions
-  Develop portfolios of projects
 - *Balance achievement of State interests*
 - *Consider funding and other constraints*

The Planning Tool Supports Collaborative Decision-making

The Planning Tool helps...

-  Rank investments
-  Optimize portfolios of investments

...based on...

-  Estimated performance of investments
 - *Over time*
 - *Under different scenarios*
-  Funding and other constraints
-  User preferences for State goals

PLANNING TOOL DEMONSTRATION



Next Steps

-  Confirm State interests
-  Refine project inputs
 - *Islands, assets, beneficiaries, hazards*
 - *Performance metrics and future scenarios*
-  Evaluate risks
 - *Probabilities, exposure, and consequences*
-  Identify and solicit projects/investments

-  Contact:
 - *Dustin Jones, (916) 445-5891, Dustin.Jones@deltacouncil.ca.gov*

Questions and Discussion

-  General Questions and Discussion
 - *Project purpose and approach*

-  Breakout Discussions
 - *Specific questions and discussion with the team*
 1. *Planning Process and Project Goals*
 2. *Project Inputs: Islands, Assets, Beneficiaries, and Hazards*
 3. *Planning Tool and Performance Metrics*

Breakout Discussions

www.deltacouncil.ca.gov

