

# Delta Levees Investment Strategy

## *Public Meetings*

*Delta Stewardship Council*

January 2015



DELTA STEWARDSHIP COUNCIL

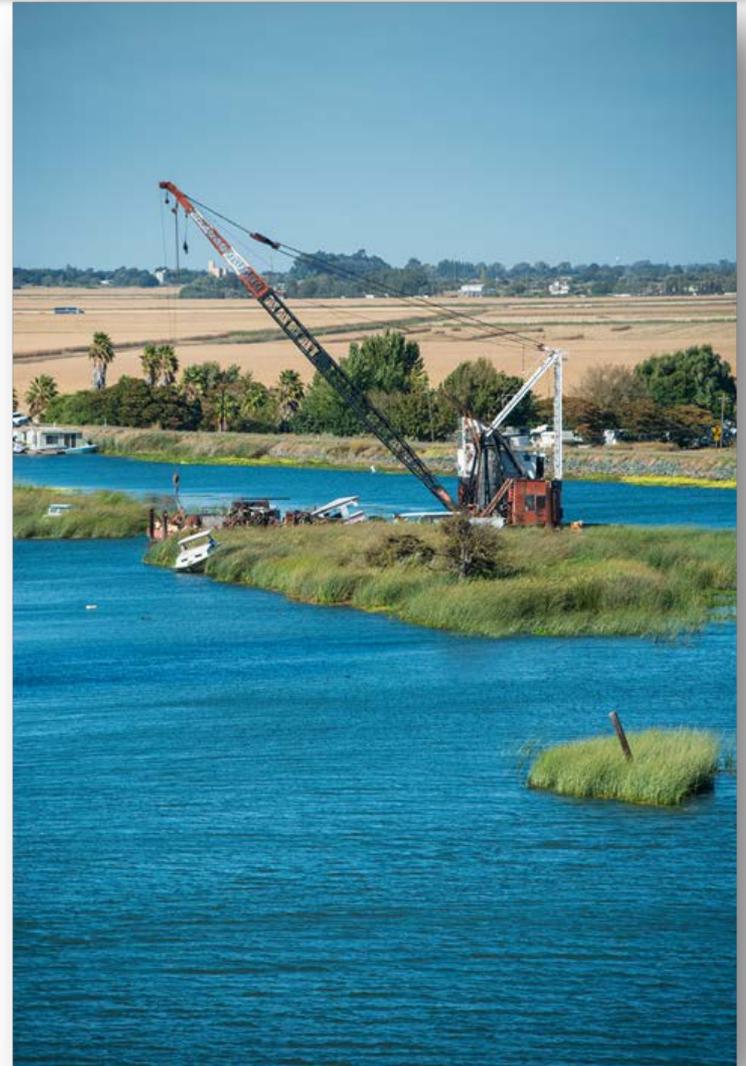
# Agreements for a Successful Meeting

## Be Respectful

- *Silence cell phones*
- *Listen to other participants*
- *Avoid side conversations*

## Participate

- *Learn about the project*
- *Share your ideas*
- *Submit written comments*



# Meeting Agenda

- 🌊 Introduce the Project
  - *Purpose and outcomes*
  - *Planning process*
- 🌊 Review initial project inputs
  - *Islands and tracts*
  - *Assets affected by Delta levees*
- 🌊 Demo the project decision-support & visualization tool
- 🌊 Questions and discussion



# This Evening's Presenters

## Delta Stewardship Council

-  Cindy Messer, Project Director
-  Dustin Jones, Project Manager
-  Keith Coolidge, Manager of External Affairs

## ARCADIS Project Team

-  Nidhi Kalra, Decision Support Specialist
-  Larry Roth, Project Manager

# Our Delta Levee System



# Our Delta Levee System

## Delta Reform Act includes:

Project Levees	Identified in the <i>State Plan of Flood Control</i>	1/3 of the levees	380 miles +/-
Non-project Levees	Identified in DWR's <i>Delta Atlas</i>	2/3 of the levees	720 miles +/-

# Goals of this Project

-  **Reduce flood risks** to save lives, reduce property damage, and protect State interests
-  Update priorities for State investments in **levee operations, maintenance, and improvements** in the Delta

***through an open and transparent process***

# Why We're Developing the Delta Levees Investment Strategy

- 🌊 The Delta is of critical importance
- 🌊 \$1 to \$3 billion needed to upgrade levees
- 🌊 State has limited funding and needs to know how to spend it wisely
- 🌊 Want to involve multiple beneficiaries in the solution



# Major Existing Funding Streams for Levee Improvements

**\$700 million committed since the 1970s**

**Delta Levees Subventions Program**      \$2 to 16 million/yr →      Reclamation Districts

**Proposition 1E**      Portion of \$3 billion →      Reclamation Districts

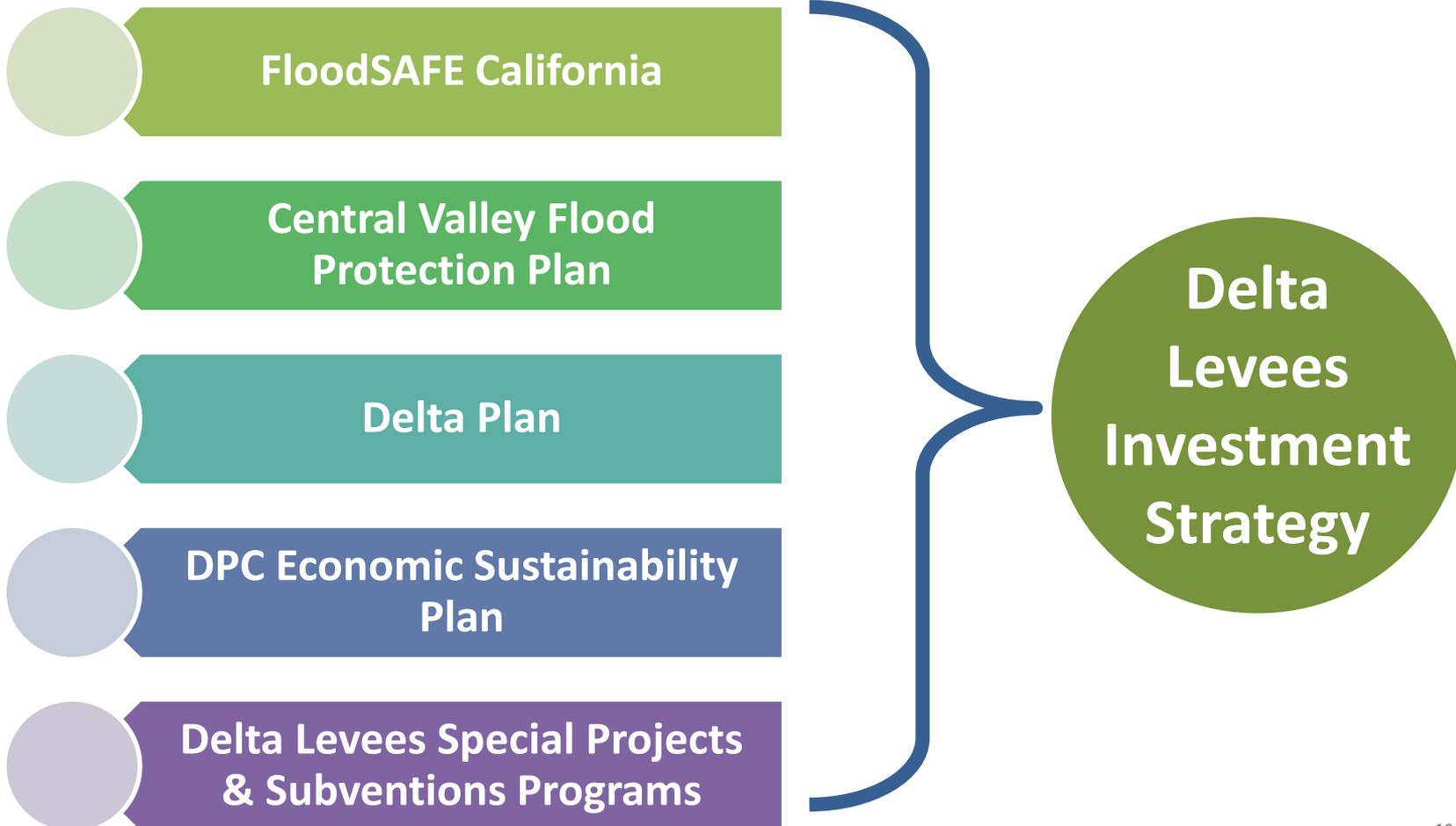
**Proposition 84**      \$275 million →      Reclamation Districts

**Proposition 1**      \$295 million →      Reclamation Districts

**Local Funding**      →      Reclamation Districts



# Existing Programs Inform Current Project



# Basis for Priorities: 'State's Interests'



Public Health  
& Safety



Ecosystem  
Restoration



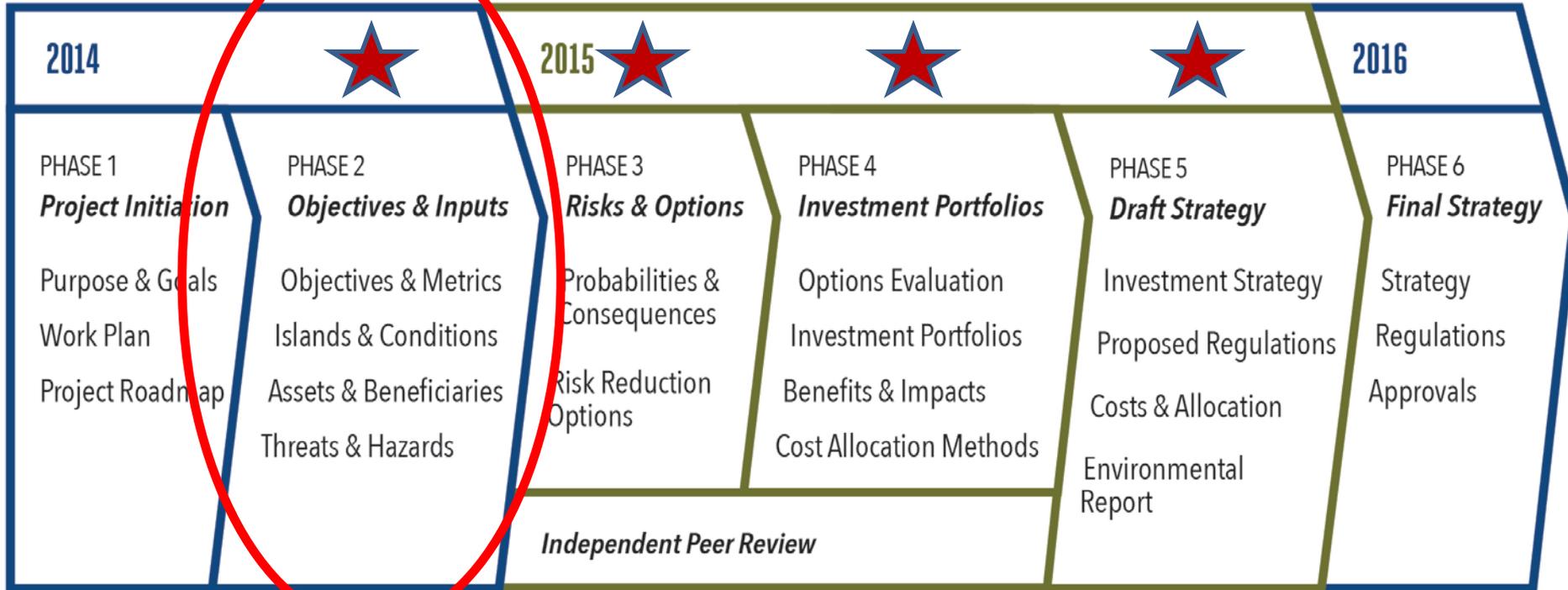
Water Supply  
Reliability



Delta's economic well-being  
Cultural, recreational & natural resources  
Agricultural resources

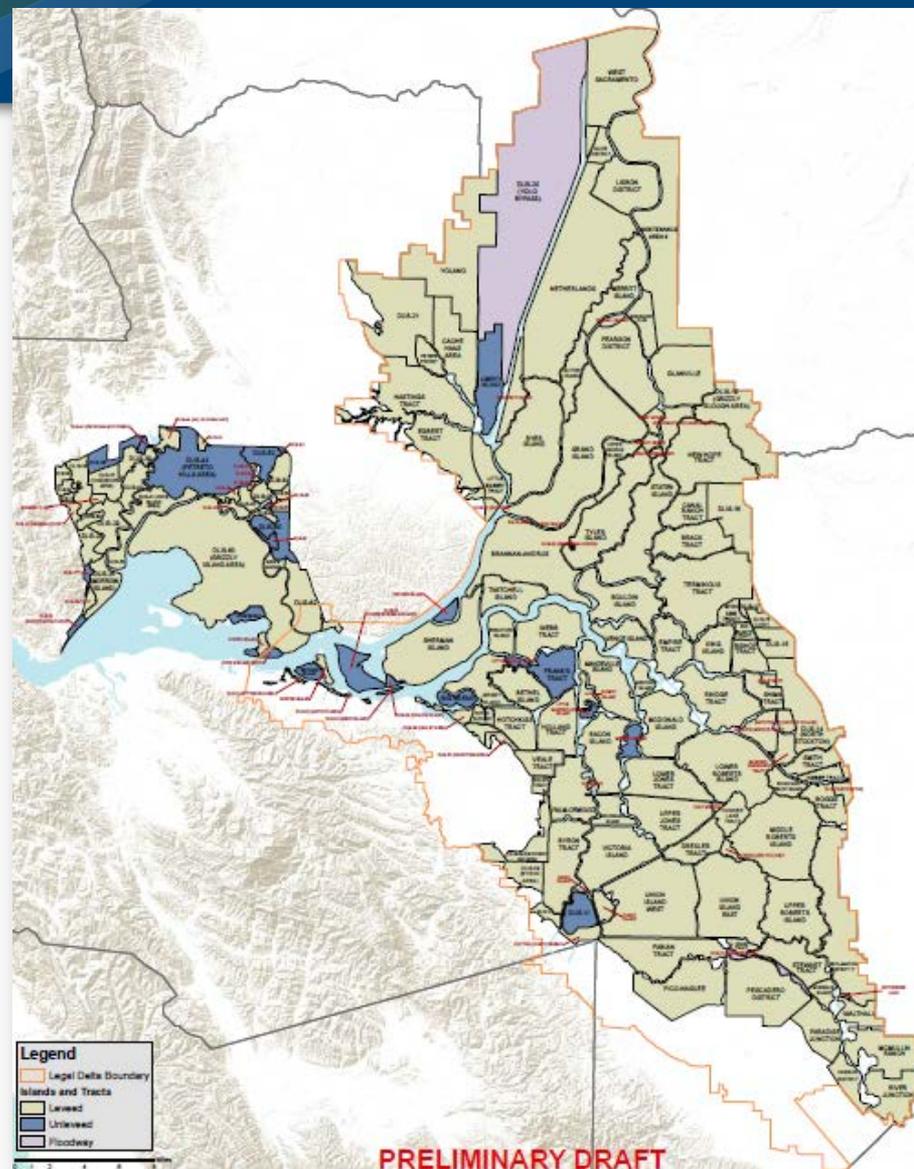
# How We Plan to Develop the Strategy

## Project Planning Process



# Information and Data Sources

- Reclamation Districts
- State and federal levee and flood studies
- Delta Protection Commission
  - Economic Sustainability Plan*
- Delta Stewardship Council
  - Delta Plan*
  - Risk Reduction Issue Paper*



# Outcomes of the Delta Levees Investment Strategy

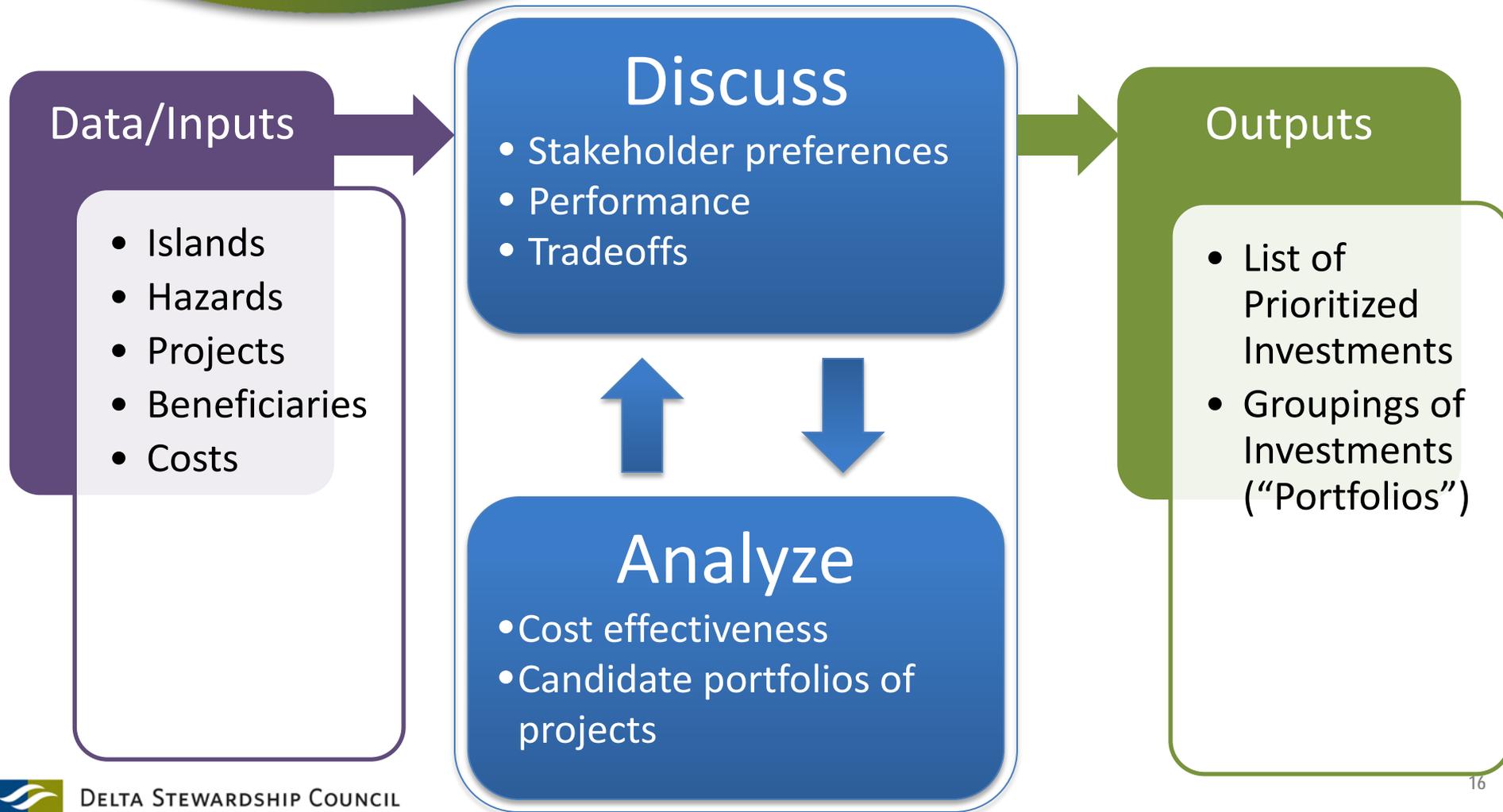
-  Levee investment & flood risk-reduction strategy
  - *Tiered ranking of investments for Delta levee improvements where State investments will do the most good*
  - *Allocation of costs among multiple beneficiaries*
-  Revisions to the interim Delta Plan
-  Decision support and visualization tool for future use

***through an open and transparent process***

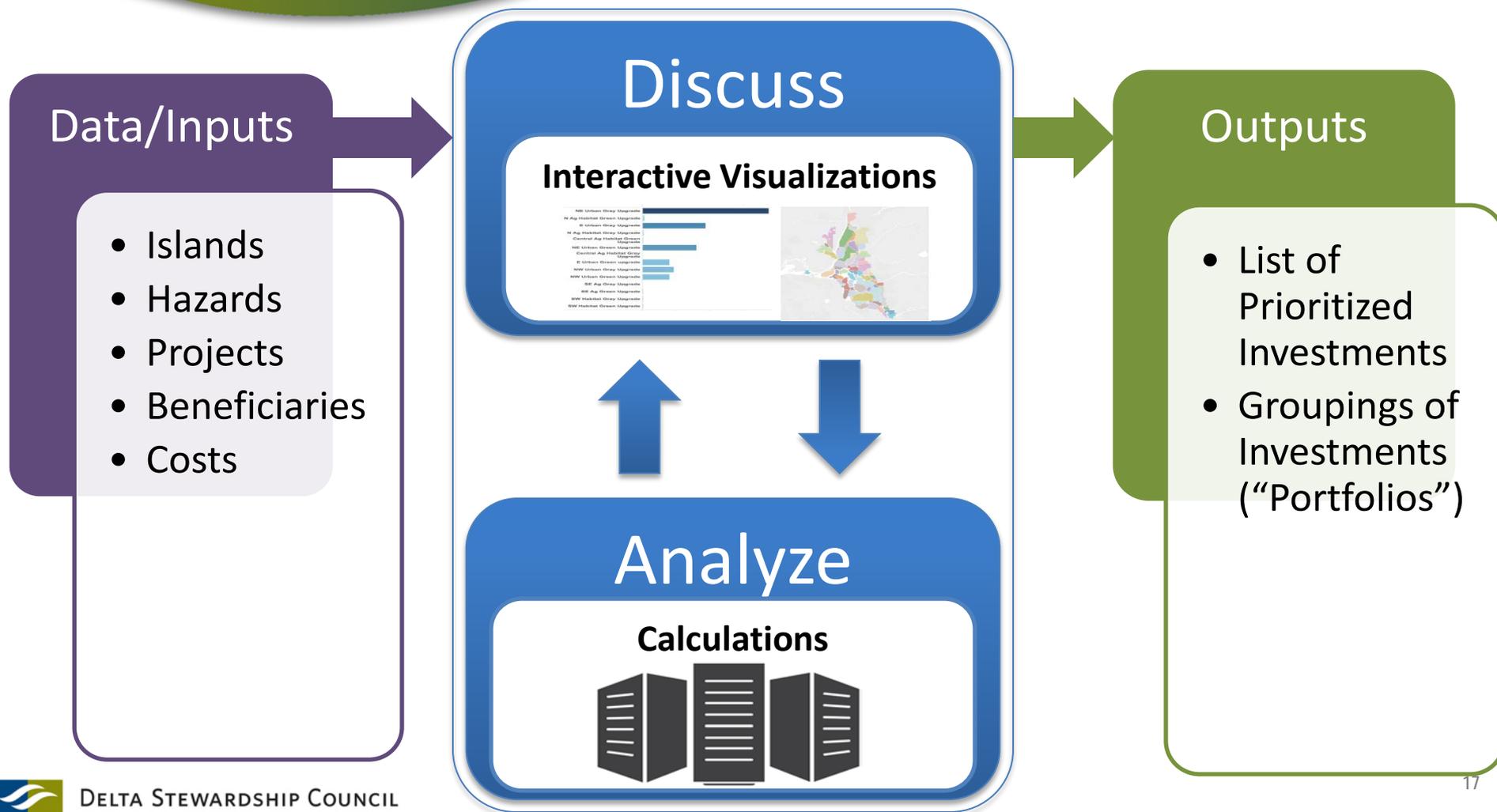
# There are several challenges to developing this strategy

-  The Delta is complex
-  The future is uncertain
-  Data are always evolving
-  Stakeholders have different interests

# We are developing a process for credible, transparent, collaborative decision making

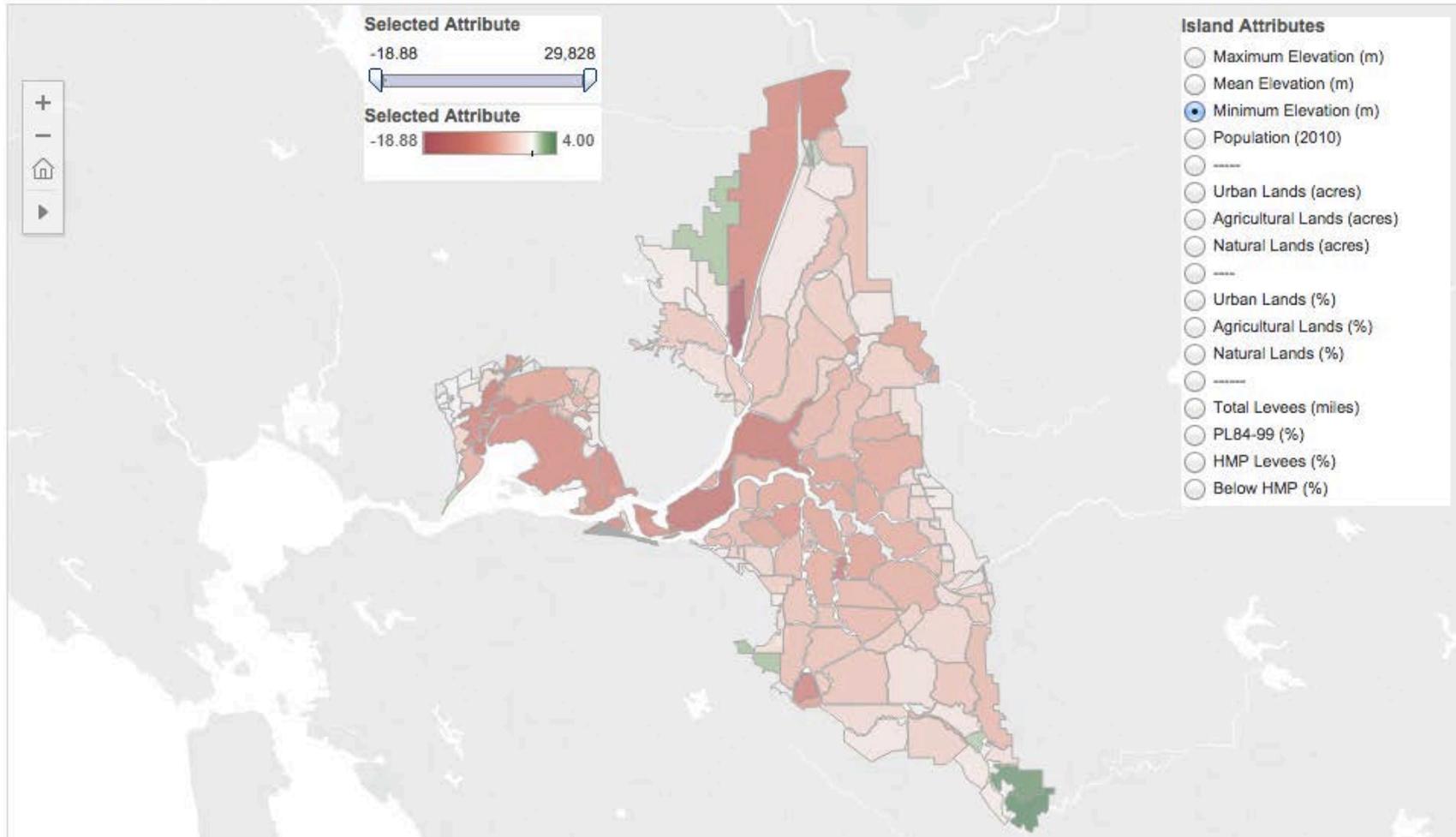


# The Planning Tool supports this process with interactive visualizations and calculations



# Planning Tool helps visualize Delta information and analysis

## Islands and Tracts



# Next Steps



-  Refine project inputs
-  Evaluate risks
-  Identify and solicit projects/investments

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# Questions and Discussion

## General Questions and Discussion

- *Project purpose and approach*

## Breakout Discussions

1. *Planning Process and Project Goals*
2. *Data/Inputs: Islands, Assets, Beneficiaries, and Hazards*
3. *Decision Support & Visualization Tool*

# Breakout Discussions

[www.deltacouncil.ca.gov](http://www.deltacouncil.ca.gov)



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