

March 2023

# Delta Adapts Update

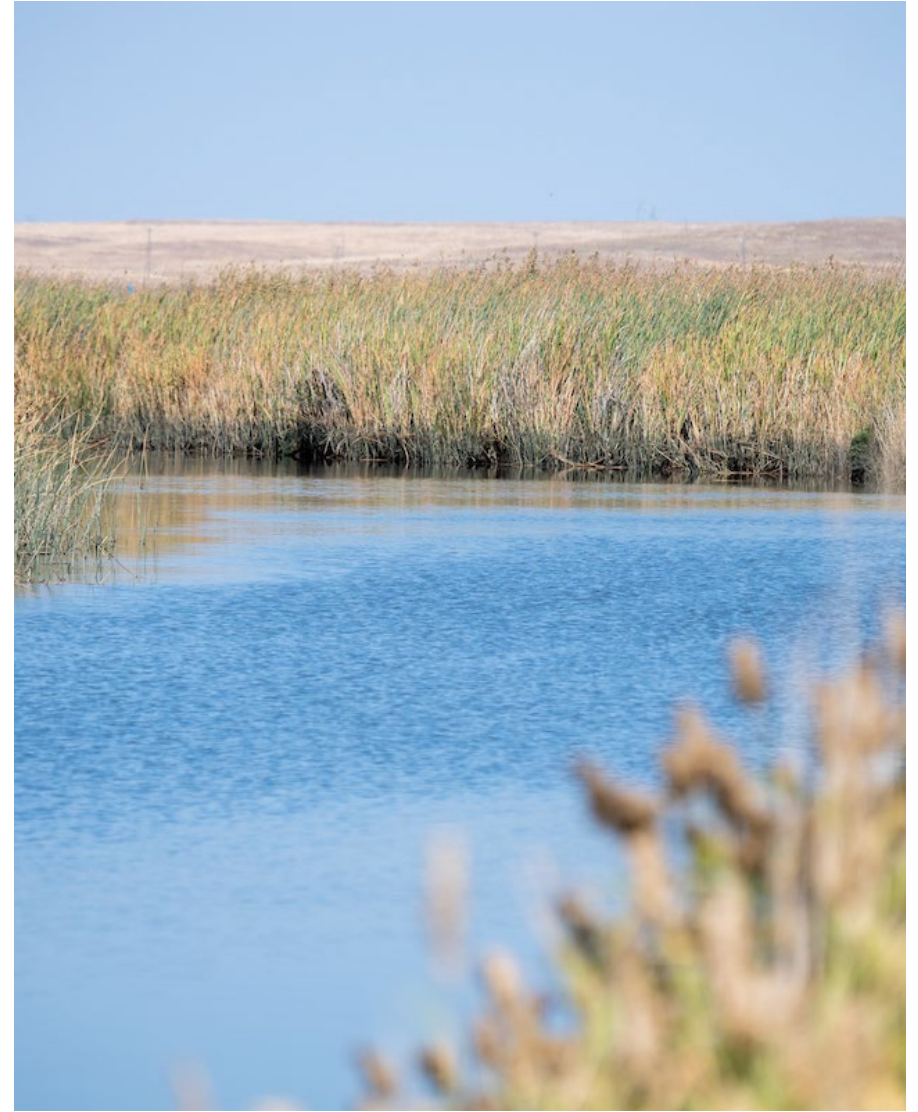


**Delta  
Stewardship  
Council**

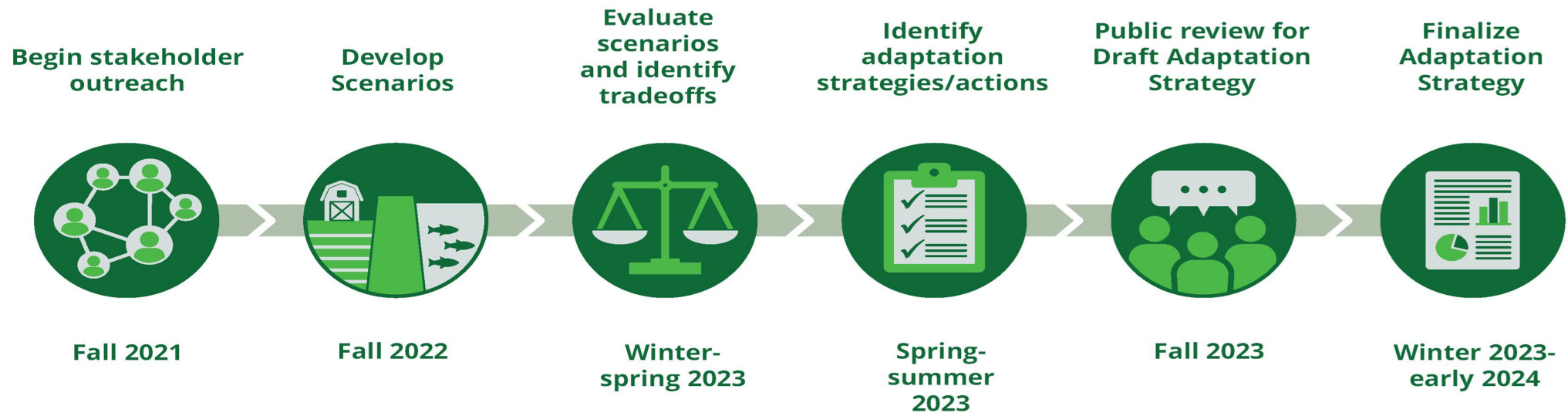
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## Last Update

- Last update to Council in November 2022
- Reviewed outreach with Focus Groups, EJ Expert Group, and growers and landowners
- Reviewed Key Takeaways



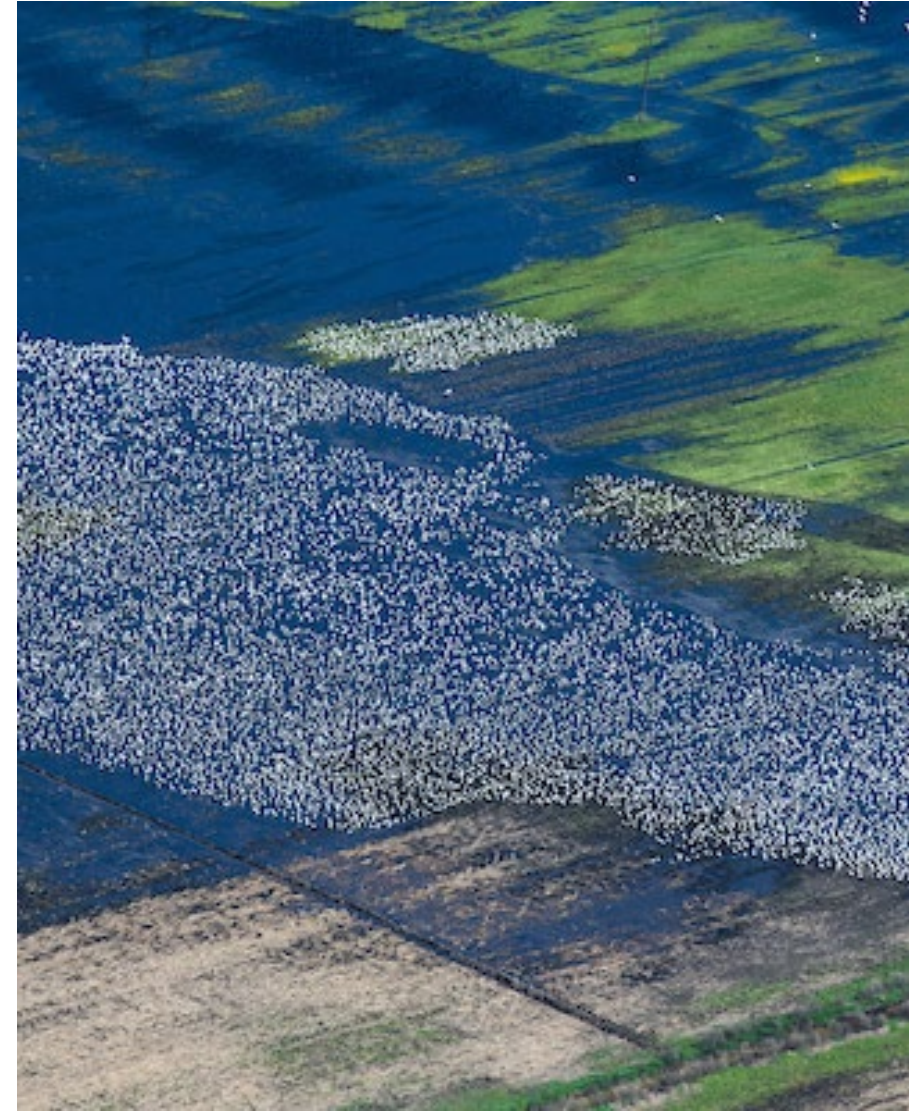
# Adaptation Process and Schedule





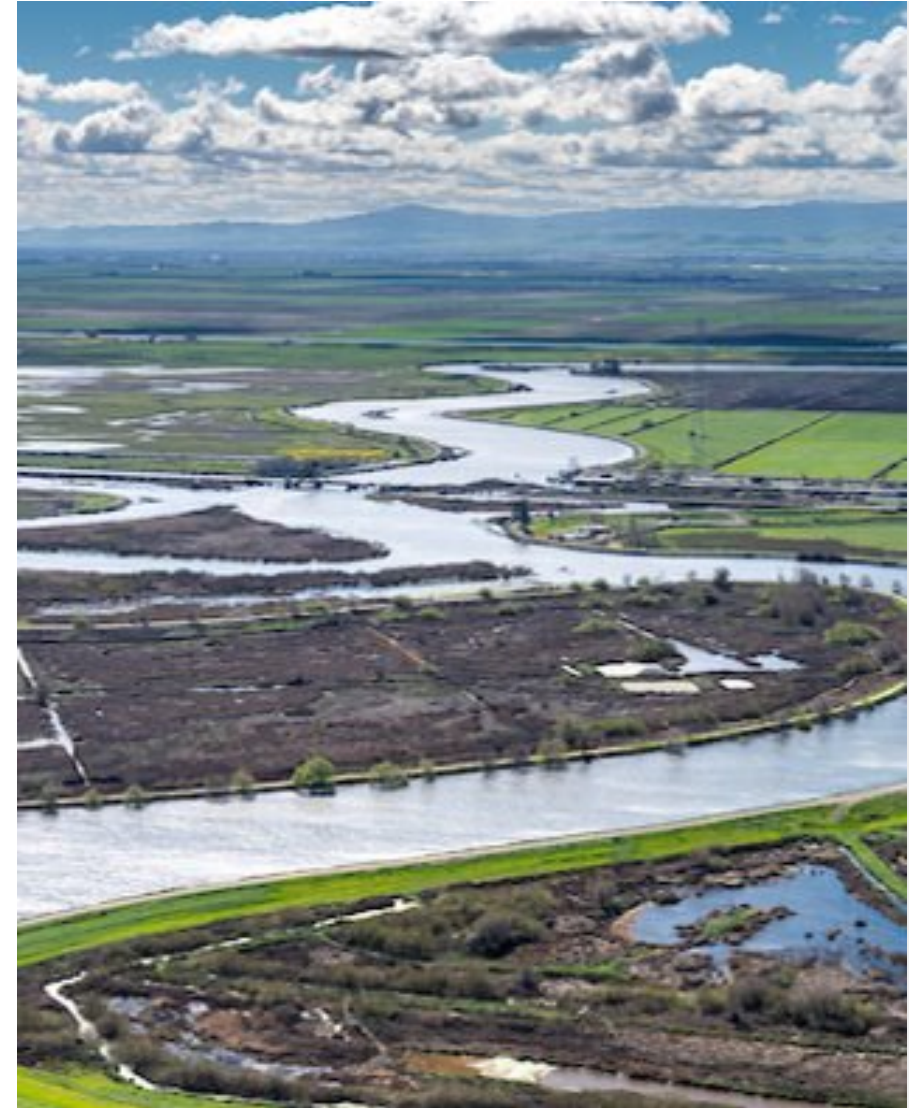
# Scenarios

- Scenarios = alternative ways to adapt on the landscape
- Help us envision potential future pathways to adaptation
- Theoretical land use changes
- Not parcel level plan for adaptation
- Different scenarios optimize for different Delta goals



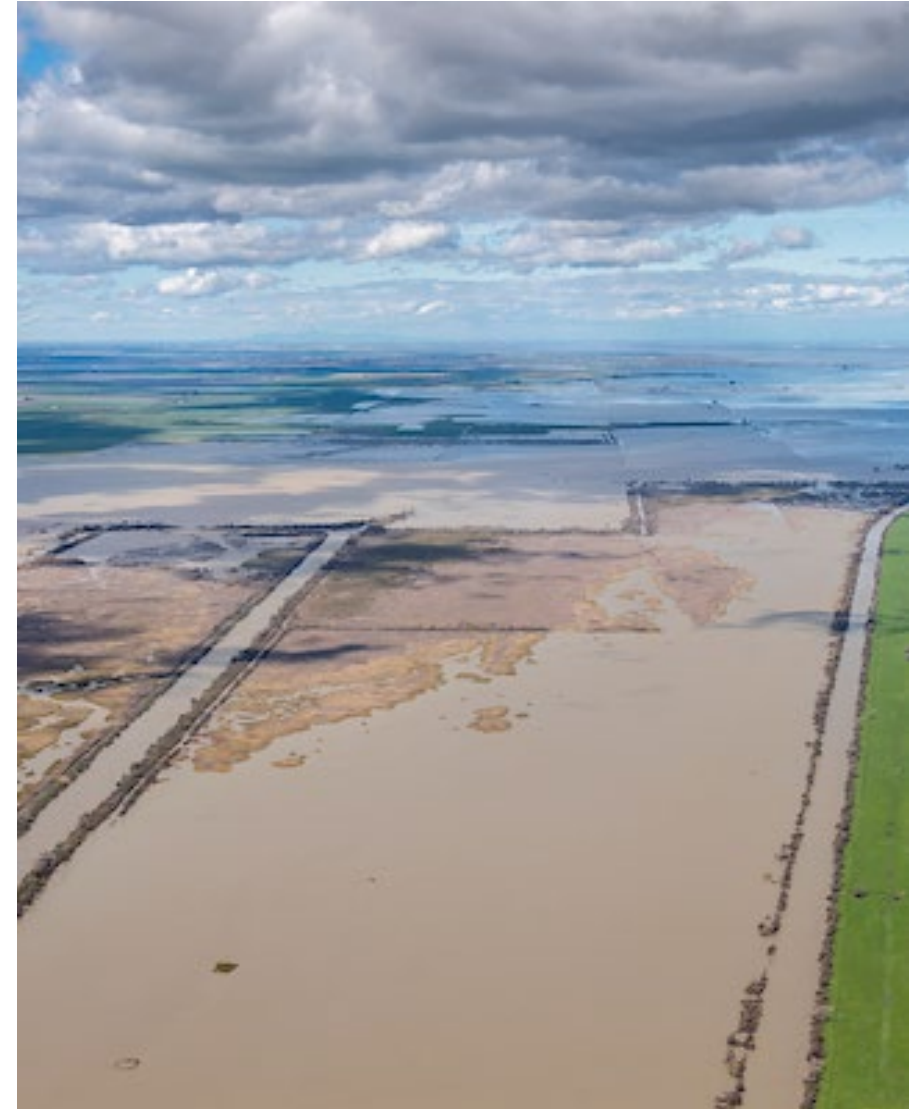
# Approach to Developing Scenarios

- Input received from outreach
- Meet existing Delta Plan goals
- Existing and planned projects
- Elevation
- Land Ownership
- Recognize constraints
- Prioritize subsidence halting or reversal



## Evaluate Scenarios and ID Tradeoffs

- Evaluate Scenarios through Modeling
  - Flood Model
  - Levee Costing Tool
  - Delta Landscape Scenario Planning Tool
  - Delta Agricultural Production Model
  - Water Quality Modeling
- Model results give us metrics
- Metrics allows us to identify trade offs





# Adaptation Strategies

- Individual strategies that support adaptation and resilience
- May be different for geographic regions or areas with different physical characteristics
- Many strategies are not related to a scenario
- Implementing agency, expected timeframe and approximate costs will be identified



## Next Steps

- Stakeholder Workgroup Meeting in May/June timeframe to review scenarios and trade offs
- Council meeting to review scenarios, trade offs, and stakeholder input and provide direction
- Council staff to prepare Draft Adaptation Strategy
- Public Review Draft Adaptation Strategy – Fall 2023





# Thank you

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