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DELTA PLAN FIVE-YEAR REVIEW 2023

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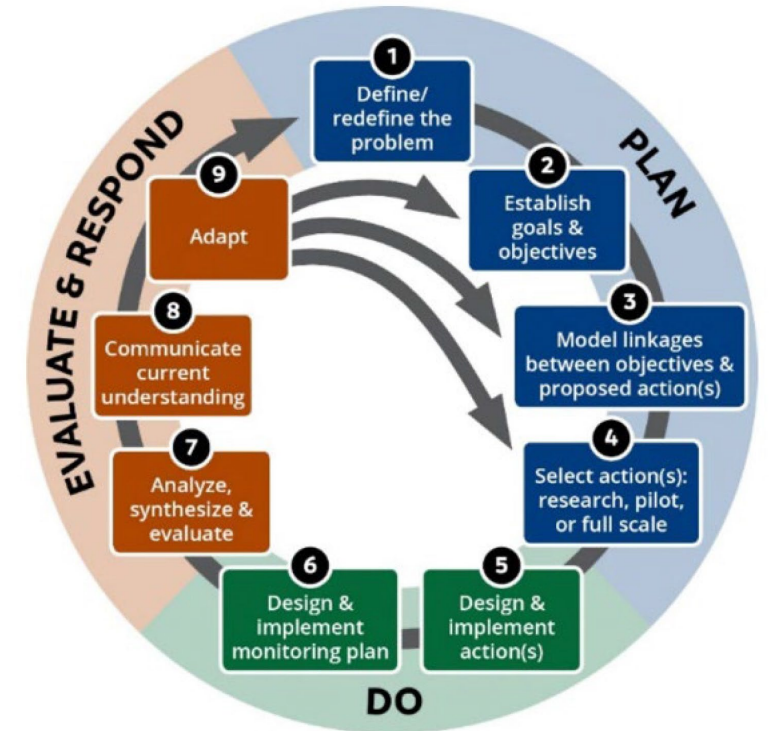


**Delta
Stewardship
Council**

A CALIFORNIA STATE AGENCY

Five-Year Review of the Delta Plan

- **Water Code section 85300(c)**
 - “[t]he Council shall review the Delta Plan at least once every five years and may revise it as the Council deems appropriate...”
- **Delta Plan adaptive management: ‘Evaluate and Respond’, inform the new cycle of ‘Planning’ and ‘Doing’**
 - Respond to changes in the natural and societal environments
 - Incorporate evolving science and knowledge
 - Consider evolving pace and uncertainty of climate change
 - Review progress implementing the Delta Plan over the preceding five years
 - Identify areas where progress has been made or is lacking, and to inform the Council about opportunities to address deficiencies
 - Recommend priority actions for the subsequent five years



The First Five-Year Review (2019)

- **Five-Year Review Period: 2013–2018**
 - Staff evaluation of implementation activities
 - Surveys and focus group interviews with agencies and stakeholders
 - Council member input
- **2019 Report Findings and Recommendations**
 - Strengthening plan implementation
 - Key planning topics and emerging issues
 - Staff development and technological advancement
- **Detailed Report and Highlights**










2019 Recommendations to Strengthen the Delta Plan

 Completed
  In Progress
  Not Started

COVERED ACTIONS	RECOMMENDED ACTION	STATUS
Outreach and Early Consultation	Track and report the status of active covered action projects .	
	Invest in developing relationships with local government .	
	Develop a web map to advise project proponents on Delta Plan spatial policies .	
Administrative Procedures	Review administrative procedures based on covered actions and appeals to date.	
	Revise administrative procedures for appeals.	
Adaptive Management	Provide project proponents with relevant example adaptive management plans during early consultation.	
	Develop the Delta Conservation Adaptive Management Action Strategy to support restoration projects and integration of efforts across the system.	
Best Available Science	Focus early consultation on project-specific best available science needs , with emphasis on explanations of policy criteria.	
	Develop scientific tools, venues, products, and publications through the Science Action Agenda to use when developing certifications of consistency.	

2019 Recommendations on Key Planning Topics and Emerging Issues

 Completed
  In Progress
  Not Started

TOPIC / ISSUE	RECOMMENDED ACTION	STATUS
Environmental Justice and Disadvantaged Communities	Develop a public participation plan addressing environmental justice and disadvantaged communities.	
	Develop an issue paper that summarizes best available science to address disadvantaged communities and environmental justice .	
Robust Treatment of Climate Change Risks to the Delta	Complete Chapter 4 revisions focusing on achieving successful restoration under predicted future conditions with updated state climate change guidance .	
	Create a climate change vulnerability assessment and adaptation strategy for the Delta and Suisun Marsh.	
Federal Coordination and Participation	Develop an issue paper that outlines opportunities and potential strategies for further engagement with federal agencies.	
Delta as an Evolving Place	Develop an issue paper that summarizes the best available science and identifies policy options related to the Delta as an evolving place.	
	Engage with Delta Protection Advisory Committee and Delta Protection Commission, increase engagement with Delta representatives.	

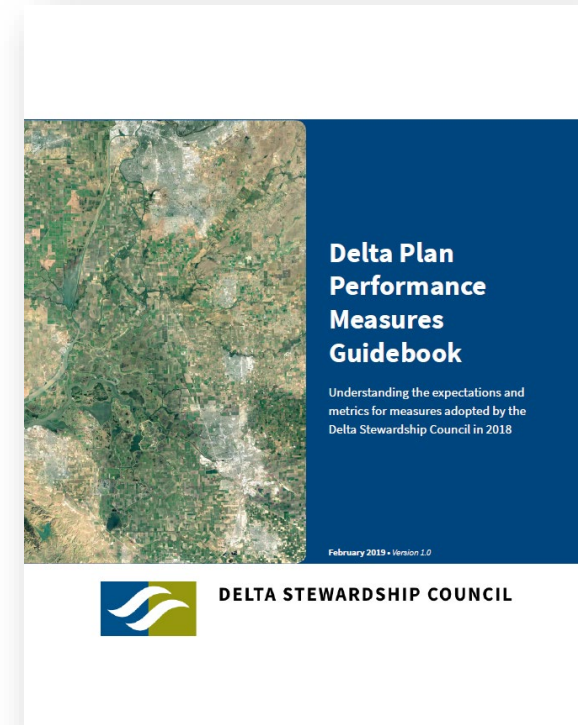
Delta Plan Five-Year Review 2023 Approach

- **Delta Plan performance measures**
 - Track status and trends toward measured objectives
 - Evaluate implementation progress and effectiveness
 - Identify implementation deficiencies and opportunities
- Other program reviews:
- **Covered actions** certifications and appeals
 - **Adaptive management** plans
 - **Best available science** criteria and themes
 - **Science needs** identified in the Delta Plan
 - **Leadership and coordination** of the Delta Plan Interagency Implementation Committee



Delta Plan Performance Measures

- **Measurable indicators** of progress toward program goals and objectives
- Based on Delta Plan **core strategies, policies and recommended actions**
- **Establish metrics, baselines, and dated targets** for management outputs and system outcomes
- Evaluate **how well the Delta Plan is working**, and opportunities for adaptive management



Learn more on YouTube

In a new YouTube video, our staff explains how Delta Plan Performance Measures use data to track the health of California's Delta.

Watch the video

Performance Measures Rating to Inform the 2023 Five-Year Review Progress Report

- Performance **baselines** established on conditions before the Delta Plan
- Performance **targets as measurable objectives** for desired management endpoints
- **Progress scores** based on current status in relation to performance target
- Five-Year Review Progress Report as interim '**pulse check**'
- Inform implementation activities and **trajectory of future progress**
- Allow for **comparison over time**



Poor (0–25%)

Fair (25–50%)

Good (50–75%)

Very Good (75–100%)

Progress Report: Delta Water Exports Match Available Water

Finding: Delta water exports decreased during dry years and increased during wet years. Overall, annual Delta water exports were reduced to match decreased water supply availability.



**Reliable
Water
Supply for
California**

**Reduce
Delta Water
Use**

**Delta Water Exports
Match Available
Water: Very Good**

- Dry Years Water Exports: Very Good
- Wet Years Water Exports: Very Good
- Fifteen-Year Average Total Water Exported Annually: Very Good

Poor (0–25%)

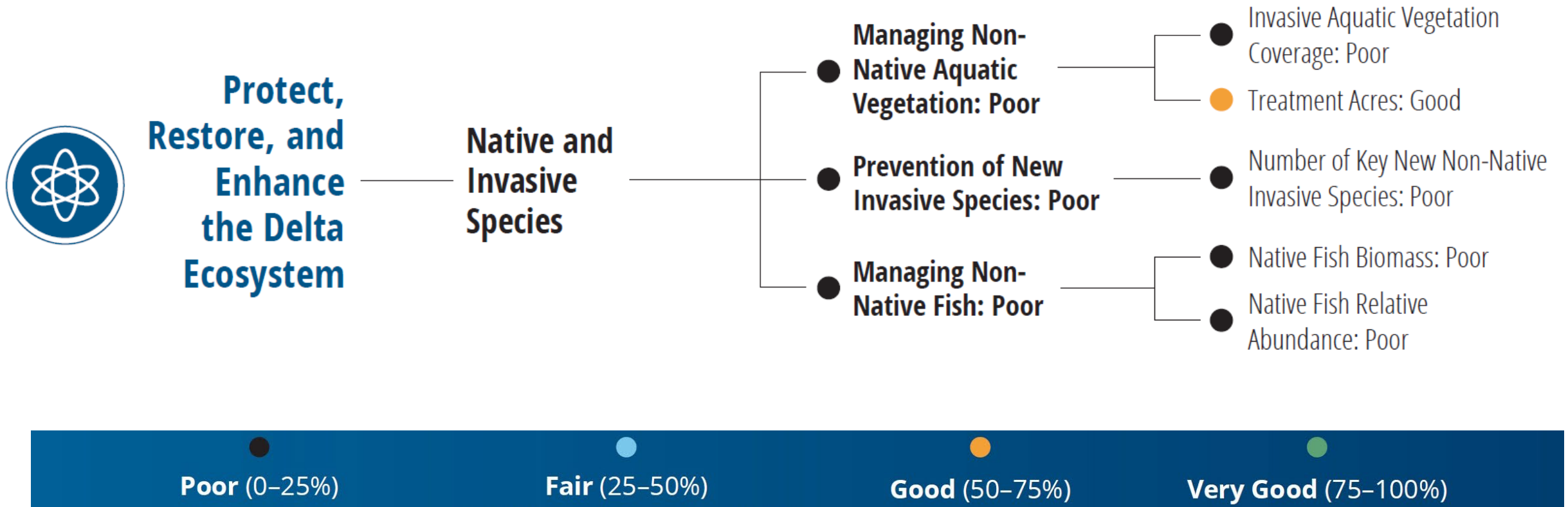
Fair (25–50%)

Good (50–75%)

Very Good (75–100%)

Progress Report: Reduce the Impact of Non-native Invasive Species

Finding: Invasive species increased in distribution and severity impacting ecosystem functions and the effectiveness of ecosystem restoration.



FIVE-YEAR REVIEW PROGRESS REPORT PERFORMANCE MEASURES

DELTA PLAN CHAPTER	PERFORMANCE MEASURES
A More Reliable Water Supply for California	<ul style="list-style-type: none"> • Water Use Conservation • Alternative Water Supply • Water Supply Reliability • Sustainable Groundwater • Delta Exports Match Available Water
Protect, Restore, and Enhance the Delta Ecosystem	<ul style="list-style-type: none"> • Yolo Bypass Floodplain Inundation • In-Delta Flows • Salmon Population Doubling Goal • Non-native Invasive Species • Natural Communities Restored
Improve Water Quality and Protect Human Health and Environment	<ul style="list-style-type: none"> • Harmful Algal Blooms • Salinity • Delta Water Quality • Toxicity • Groundwater Drinking Water Quality
Enhance the Delta as an Evolving Place	<ul style="list-style-type: none"> • Subsidence Reversal and Carbon Sequestration • Farmland Change • Delta Tourism • Delta Economic Vitality
Reduce Risk and Protect People and Property	<ul style="list-style-type: none"> • Flood Casualties and Damages • Delta Levees at Design Standards

2023 Five-Year Review of the Delta Plan



Present implementation progress report using Delta Plan performance measures



Conduct other program reviews:

- Covered actions certifications and appeals
- Adaptive management plans
- Best available science
- Leadership and coordination



Recommend priorities for...

- Council strategic work plan
- Delta Plan implementation
- Science funding
- Communications and public participation
- Delta Plan Interagency Implementation Committee
- Delta Independent Science Board

Thank you

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