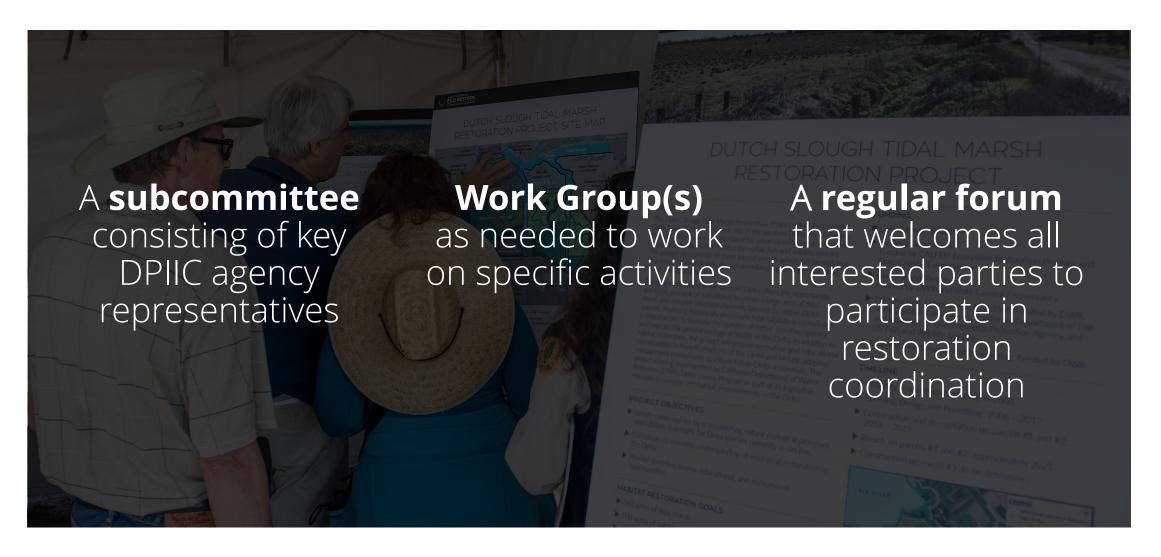


# **PURPOSE**

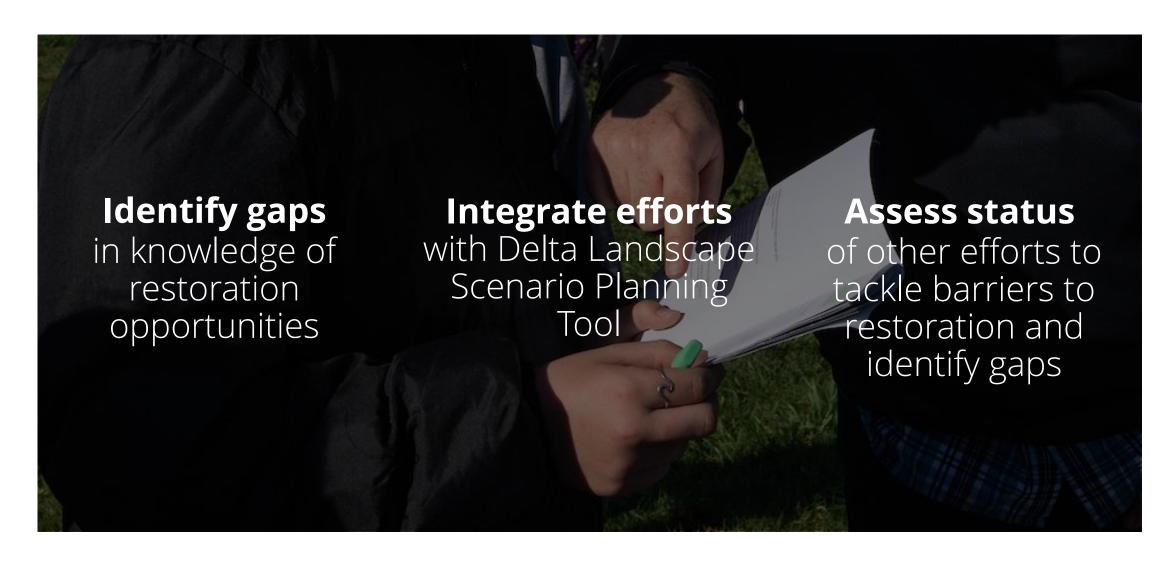
Identify and implement strategies for reducing barriers to landscape-scale restoration and increase estuary-wide coordination



### **STRUCTURE**



### **INITIAL WORKPLAN**



# TIMELINE 2022

### Winter

- January 31 and March 14: Initial subcommittee meetings
- February 17: Vision/goalsetting work group meeting

## Spring

- March 28: Present subcommittee progress at DPIIC Meeting
- Develop objectives and timelines related to endorsed Subcommittee goals
- TBD: Spring Restoration Forum





## What additional restoration planning is needed?

At what scale and what locations?

Scale and Jocation may be secondary to where the desired conditions can be created, consistently and with frequency to provide the intended benefit.

Expand on the Delta Conveyance? looking at restoration projects outside, yet adjacent and beneficial to the Delta

Connectivity is more important than scale, but large scale adds economic and ecological value

Develop solutions to

regions in Figure 4-7

of DP Amendment) at

regional scale so that

solutions vs. having to

carry effort to develop

each restoration

those regional

solutions

project can tie into

regional issues (see

Consider flood risks to human communities.

Expansive connection across the Delta for landscape scale collective resilient ecosystem from watersheds to ocean.

Region-based, and potentially Delta island-specific restoration strategies

Scale may be limited Delta/sub-Delta, but should promote coordination with efforts outside of the Delta (e.g., upstream areas) to be sure that actions in different areas complement each other rather than Understanding: the suite of uses that affect the delta ecosystem (including watershed and upstream), all restoration and mitigation requirements that will ultimately compete for limited land and

Consult with ecologists on the Delta ISB who have experience with other estuaries, including Chesapeake Bay & Puget Sound, as well as research on optimizing adaptation investments.

Wider consideration of cobenefits flood control, recreation. cultural.

climate change Invasive weed response scenarios to inform risk prioritization areas

Reconcile inherent conflict between most suitable restoration sites (around Delta and Suisun topographic "edges") and existing land use values (esp. prime ag land soils)

What tools can we use to aid in the planning process?

Multi-use and multi-benefit to promote broader support.

Need greater education/outreach on how restoration can improve conditions for locals.

Tools:

Better outreach so

that stakeholders understand the importance of restoring and protecting the delta (state-wide outreach even - the Delta is important to the entire state)

Given what we have restored to date. and our targets. how do we best prioritize current funding to have the greatest benefit (restoration type and location)

Develop

"Conservation Strategies" for each Priority Habitat Ecological Restioration Area models build in science. opportunities, problem ID and

planning tools

landscape

scenario

better coordination

solutions, Already

started for Suisun.

Cache, Yolo, maybe

Using multiple funding sources from different areas of focus (Cultural, Fish, Recreation, and Utilities) on annually increasing the restoration acreage to surpass baseline goals.

> Life-cycle models, and multi-species models can aid in the planning process.

Use hydrodynamic modeling to evaluate future at 2040-2060 with high sea level rise.

Need greater commitment to multi-benefit planning efforts like Lower Elkhorn and Little Egbert Tract projects.

Ensure best available science on climate impacts and projections are factored into planning /design of restoration projects at landscape scale and that monitoring for adaptive management triggers

Which aspects of restoration\* are most important for the Restoration Subcommittee to focus on and why?

Analyzing systemic effects of landscape restoration on tidal prism and salinity: invasive species management: broad vision for what Restoration of the Delta should look like.

\* Restoration aspects - funding, permitting, O&M, organizational capacity, etc.

Identifying and finding ways to procure land that can be used for restoration.

Land management strategies for restoration conversion from ag land, duck clubs projects

Identify key obstacles and barriers to restoration pace and scale and present alternatives to address them to the DPIIC.

**Cutting green** & red tape permitting

> How to evaluate restored lands to ensure proper long-term O&M by an RD

implementation is a

key component of

planning - that is,

project leads and

some) funding to

support proper

adequate (and then

implementation and

ongoing performance

identifying clear

Establishing effective and funded entity/entities for long-term land management

Develop understanding of economic benefits of restoration.

Monitoring ecological outcomes of restoration in a systematic/coordinate

> Allowing regulatory and resource agencies to focus permit review at ecosystem scale and not get snared by individual species issues alone

Focus on areas where locals identify restoration opportunities. Developing locally-supported projects simplifies approval.

Focus on large scale restoration and streamline permitting, which can be extra complex for multibenefit project Resolving concerns around increased diversion restrictions from successful recovery of listed species

Resolving the water quality impacts of restoration on organic carbon and treatment for drinking water

Community support and value for the action and its intended benefits.

Providing means to have meaningful "local input" to restoration planning esp. around solving problems not just presenting problems

looking at restoration perspectives Permitting and facilitation of actions that would provide maximum benefit for the restoration action, especially with regards to flows needed to best support species needs (e.g., spring pulse flows that maximize

Open new collaborations between agencies, community groups, nonprofits, and Tribes to allow for different ventures of restoration projects and funding

Network weaving facilitating conversations and connections between actors in restoration planning and other related processes, e.g. Delta adapts.

Consolidating State ownership & management

> Looking at risk and flexibility in restoration projects and communicating that in the permitting

Identifying where

and how recreatio

agriculture, and

Resolving the land use impact obstacles to restoration - esp.

> Options for endowments & easements

Long-term O&M funding from multiple