WELCOME

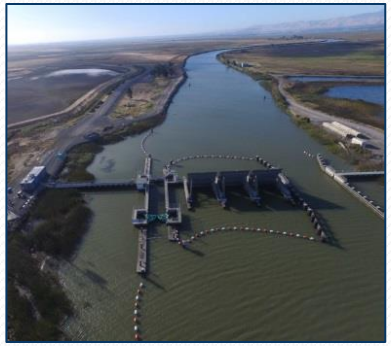
Photos: C. Sloop – Bird'sEyeView, CDFW

CDFW Invites Agencies and Stakeholders
to Help Develop a

Long-Term

Delta Conservation Framework

for the Sacramento San Joaquin Delta, Yolo Bypass and Suisun Marsh by 2017



Stakeholder Engagement

1. **Four public workshops:**
   a) August 18, 2016 √
   b) September 21, 2016
   c) October 20, 2016
   d) November 30, 2016
2. **30-day public review of document**

Agenda

1. **Welcome and Introductions**
2. **Overview & Quick Review Workshop 1 Outcomes**
3. **Conservation Topics & Goals**
   a) Overview
   b) Small Group Engagement (Break Out 1)
   c) Group Discussion
4. **Using Challenges to Develop Goal-specific Implementation Strategies**
   a) Overview
   b) Small Group Engagement (Break Out 2)
   c) Group Discussion
5. **Next Steps**

State
CA Natural Resources Agency
CA Department of Fish & Wildlife
- Water Branch
- Watershed Restoration Grants Branch
- Interagency Ecological Program

CA Department of Water Resources
Delta Stewardship Council
Delta Science Program
SSJ Delta Conservancy
Delta Protection Commission

Private
South Delta Resident

Federal
US Bureau of Reclamation
Central Valley Joint Venture
SF Bay NERR

County
Sacramento
San Joaquin
Solano
Solano County Water Agency
Solano RCD

Metropolitan Water District

NGOs
The Nature Conservancy
Yolo Basin Foundation
Yolo Habitat Conservancy

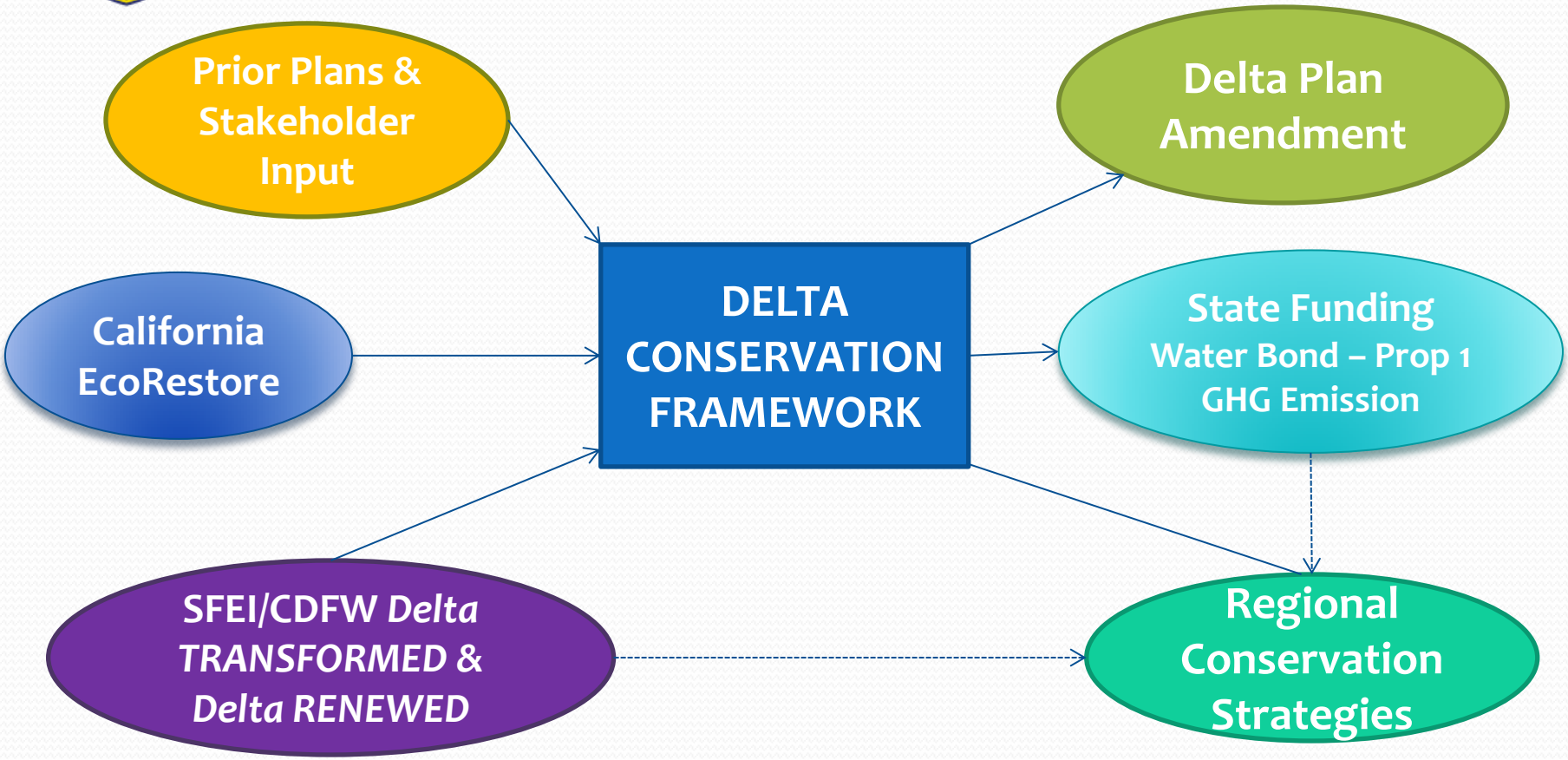
Consulting Firms
Douglas Environmental
ESA
Flow West
MBIC Engineers/RD
Mosaic Associates
The Catalyst Group – Delta Vision Foundation

Academic
UC Davis

WEBSITE:
https://www.wildlife.ca.gov/Conservation/Watersheds/DCF

Photos: C. Sloop – Bird'sEyeView, CDFW

Planning Context



Vision for a Future Delta

A mosaic of towns, agricultural landscapes, managed wetlands, and resilient ecosystems where people prosper and healthy fish, wildlife, and plant communities thrive.

Delta Conservation Framework

Purpose

I. Shared vision and overarching goals for Delta conservation

II. Forum for collaborative engagement and broad buy in

III. Long-term extension of *California EcoRestore*

IV. Potential solutions to recognized challenges

Delta Conservation Framework

Purpose

I. Inform regional conservation strategies

VI. Inform State funding priorities

VII. Basis for amendment of the ecosystem elements of the Delta Plan

Principles

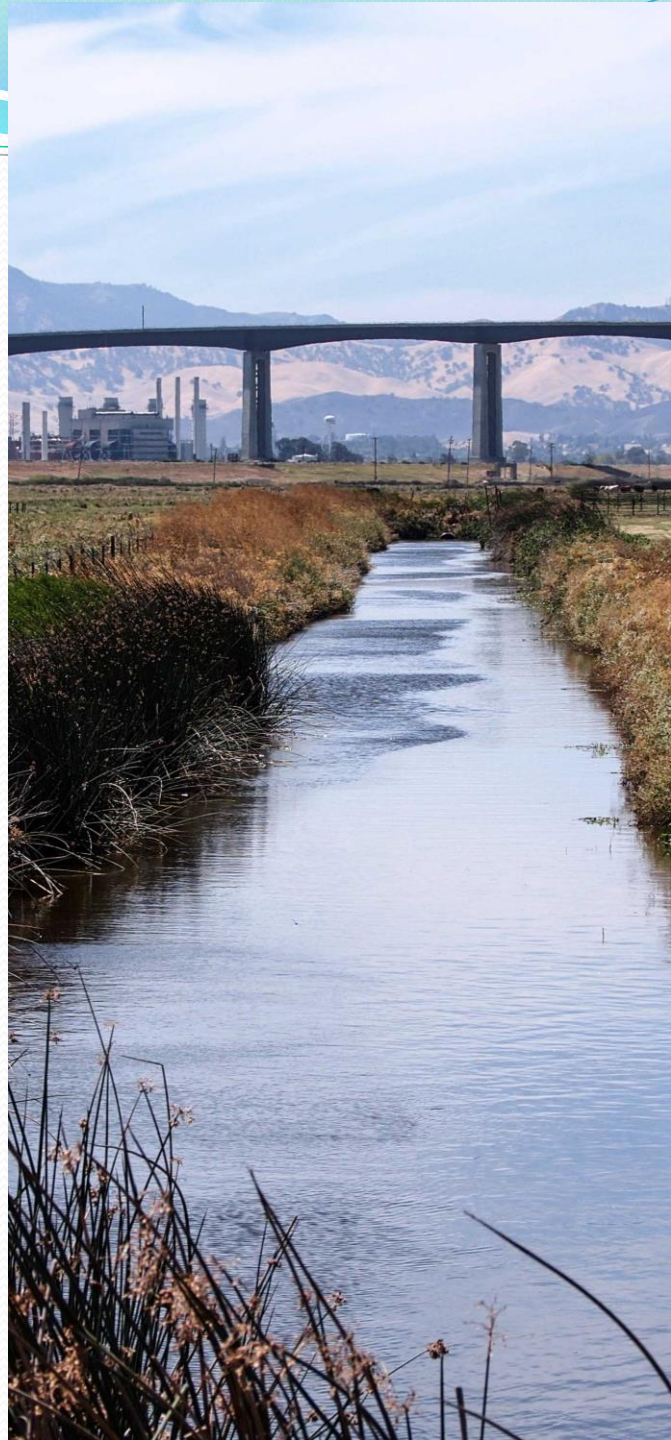
Central Premise:

The conservation of Delta ecosystems will benefit both people and the environment

1. Building Community
2. *Promoting Ecological Function*
3. Providing Multiple Benefits
4. *Focusing On People And Place*
5. *Increasing Efficiency (Process And Cost)*
6. *Highlighting Need for Funding*

Delta Conservation

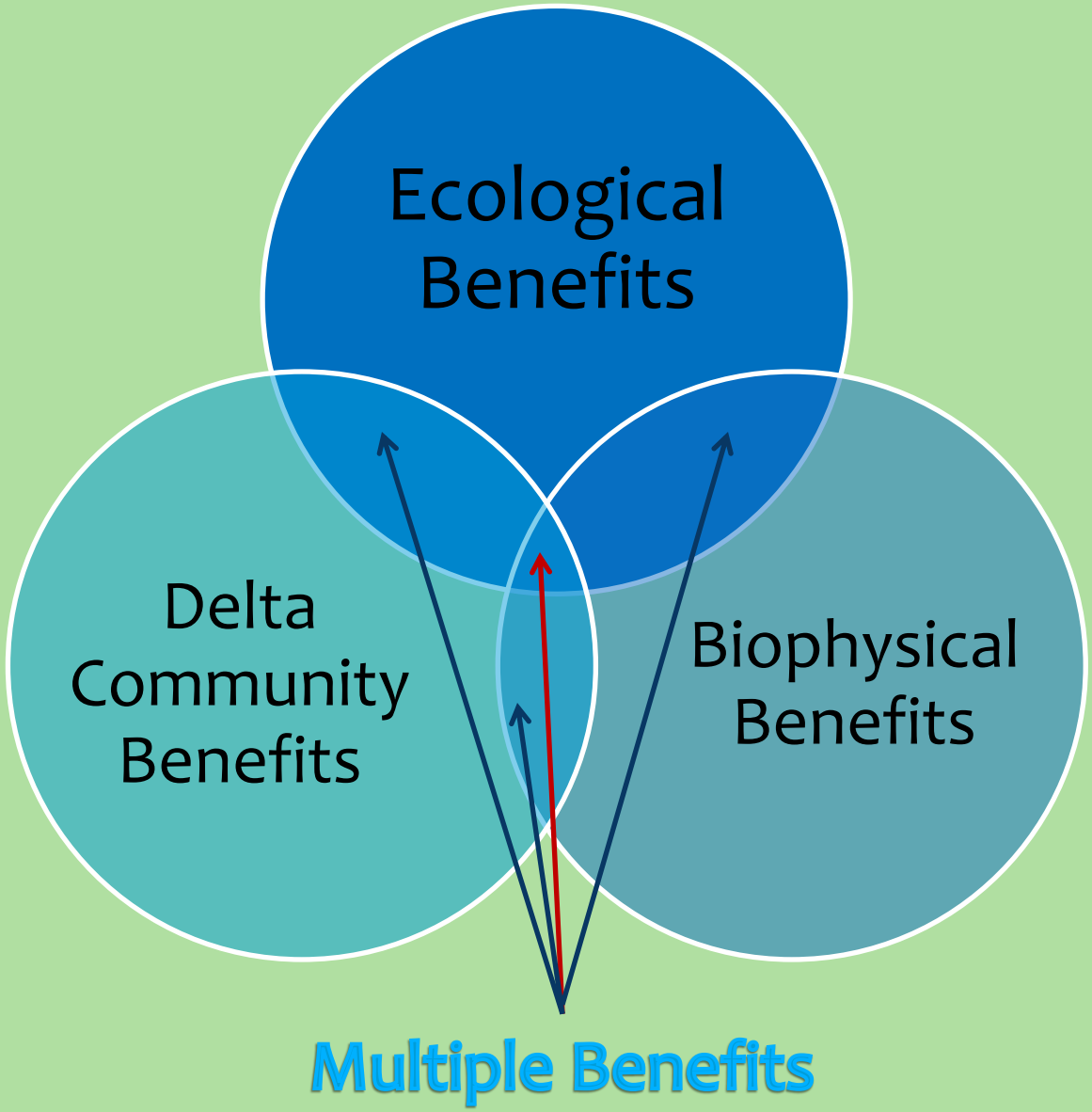
Implementing ***strategies and related actions*** *for* ***Delta stakeholder integration*** *and the* ***protection, enhancement, restoration, and adaptive management*** *of* ***Delta ecosystems and their ecological functions*** *to* ***benefit human and natural communities***



Integrating Ecosystem Function

- across geographic and time scales
- in conjunction with Delta community goals

ECOSYSTEM FUNCTION



Consistency with Existing Plans

- EcoRestore
- Delta Renewed - Draft report SFEI/CDFW Delta Landscapes Project
- California Water Action Plan
- The Delta Plan/Delta Reform Act
- State Wildlife Action Plan
- CCMP for the San Francisco Estuary
- Suisun Marsh Plan
- CV Flood Protection Plan Conservation Strategy
- CVJV Implementation Plan
- ERP Conservation Strategy

Process Overview

WHY?

Purpose & Principles

Vision

WHAT?

Conservation Topics

Goals

Solutions

HOW? WHO? WHEN? WHERE?

Strategies
(*Goal specific Action Plans*)

"A goal without a plan is a wish!"

IMPLEMENTATION

Outcome

Example: Channel Margins – Co-Benefits

WHY DCF?

1. Building Community
2. *Promoting Ecological Function*
3. Providing Multiple Benefits
4. *Focusing On People And Place*
5. *Increasing Efficiency (Process & Cost)*
6. *Highlighting Need for Funding*

Purpose & Principles

Vision

"Uncertainty of combined value of leveed channel margins as wildlife habitat and flood protection"

WHAT?

CHANNEL MARGINS

"Provide flood protection and habitat value on water side of levees."

Conservation Topic

Goals

Pressures - Challenges

Solutions

HOW? WHO? WHEN? WHERE?

"Build partnerships through efforts of entity X that facilitate implementation of pilot projects to evaluate co-benefit with associated long-term funding by 2020"

Strategies
(*Goal specific Action Plans*)

"Pilot projects to evaluate co-benefits"

Outcome

DESIRED RESULT

"Pilot efforts show that Delta levees are providing co-benefit of flood protection and improved habitat value under x circumstance"

Example: Wildlife-friendly Farming

WHY DCF?

1. Building Community
2. *Promoting Ecological Function*
3. Providing Multiple Benefits
4. *Focusing On People And Place*
5. *Increasing Efficiency (Process & Cost)*
6. *Highlighting Need for Funding*

Purpose & Principles

Vision

"Farmers make greater profits by planting vineyards"

WHAT?

AGRICULTURAL LANDS

"Increase areas utilizing wildlife-friendly farming practices to provide landscape connectivity for wildlife"

Conservation Focus Themes

Goals

Pressures - Challenges

Solutions

HOW? WHO? WHEN? WHERE?

"Build programs that provide incentives for farmers to provide wildlife-friendly "pop up habitats" for migratory birds and other wildlife"

Strategies
(*Goal specific Action Plans*)

"Provide financial incentives to farmers to implement wildlife friendly practices"

Vision

Desired Result

"A mosaic Delta landscape of agricultural areas and connected ecosystems that support people and diverse wildlife communities"

Conservation Topics

- **Goals**

DELTA COMMUNITY INTEGRATION

- Stakeholder Communication & Collaboration – "*Buy In*"
- Integrating Conservation with Agricultural Sustainability – "*Wildlife-friendly farming*"
- Integrating Conservation & Flood Protection –"*Co-benefit*"
- Low-impact Outdoor Recreation – "*Tourism*"
- Public Education & Outreach – "*Healthy Delta as Place*"
- Integrated Water Management –"*Reliable Local Water*"

FUNCTIONAL DELTA ECOSYSTEMS

- Resilient ecosystems and underlying processes
- Climate change adaptation
- Biodiversity – native dominant communities
- Life history support for resident and migratory wildlife
- Improved water quality
- Facilitated permitting for conservation projects
- Sustained conservation funding

Conservation Topic
FUNCTIONAL ECOSYSTEMS

AQUATIC
- Fluvial Systems
- Tidal Perennial Aquatic
- Nontidal Perennial Aquatic

TRANSITIONAL
- Managed Wetlands
- Floodplains
- Channel Margins
- Valley Foothill Riparian
- Marsh Transition Zone
- Upland Transitional Corridors

TERRESTRIAL
- Agricultural Lands
- Central Valley Grassland
- Vernal Pool Complexes & Alkali Seasonal Wetlands

Small Group Engagement 1

Conservation Focus Themes & Setting Goals

1. *Brief introductions (5 mins)*
2. *Review materials (10 min)*
3. *Provide input : Capture feedback on flip chart (25 min)*
4. *Share results with large group (5 min each group)*

List of Materials

1. Conservation topic list and associated goals for DCF

2. Conservation topic table showing relevant information from other planning documents.

Breakout Groups

1. Amanda Bohl – *Delta Stewardship Council (DSC)*
2. Brooke Jacobs – *CDFW*
3. Campbell Ingram – *Delta Conservancy*
4. Charlotte Biggs – *DWR*
5. Jessica Davenport – *DSC*

Implementation Strategies

Linking Delta Conservation Challenges with Conservation Goals by Topic

ECOYSTEM FUNCTION

- Degraded ecosystem function and habitat loss
- Biodiversity Loss
- Reduced Habitat Connectivity
- Sustained Migratory Bird Habitats
- Persistence of Special Status Species
- Integration of Agricultural Lands

DELTA COMMUNITY INTEGRATION

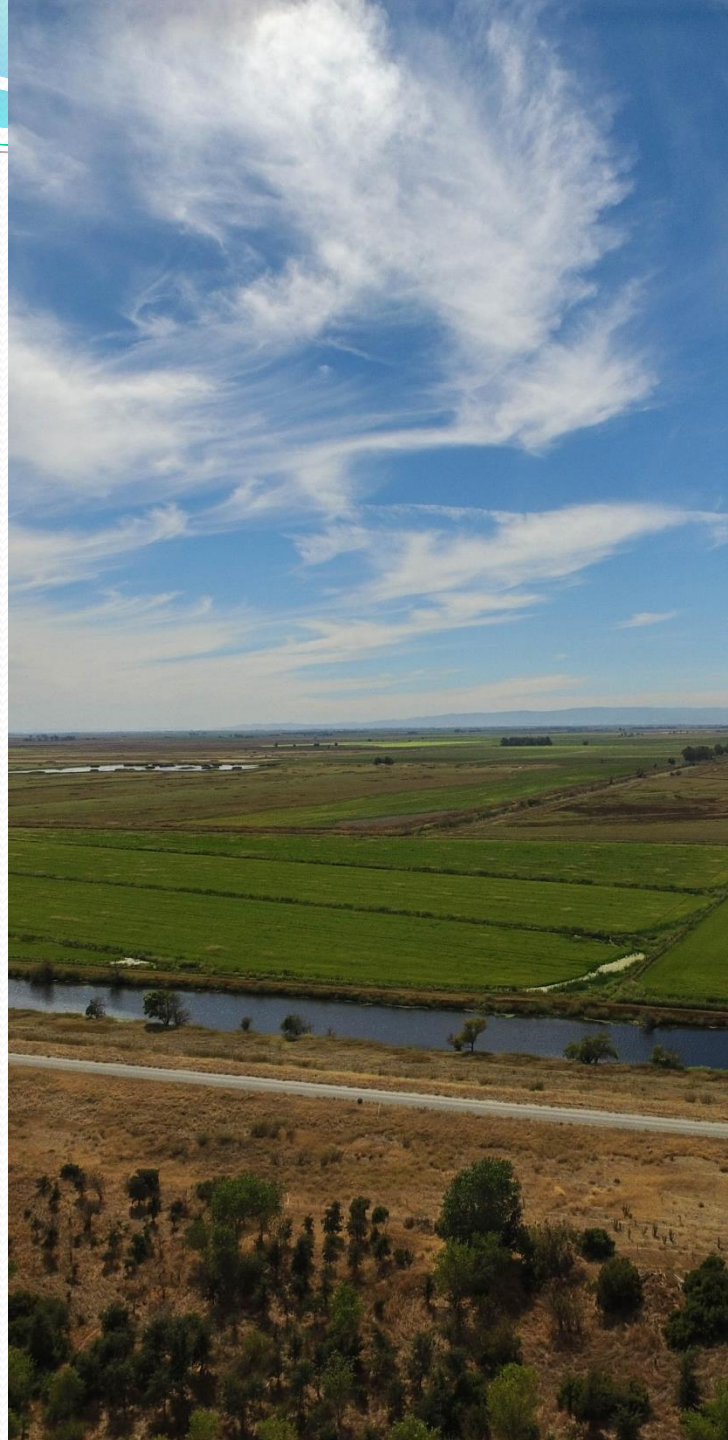
- Building local support for conservation
- Balancing conservation and Delta community goals
- Ineffective Public Education and Outreach

Implementation Strategies

Linking Delta Conservation Challenges with Conservation Goals by Topic

FUNCTIONAL DELTA ECOSYSTEMS & DELTA COMMUNITY INTEGRATION

- Climate change adaptation
- Invasive species management
- Integration of flood management & conservation
- Land protection & long-term land management
- Avoiding and minimizing adjacent agricultural-conservation neighbor conflicts
- Conservation Funding & Incentives
- Complexity and duration of conservation permitting processes
- Conservation Planning Inefficiencies



Small Group Engagement 2

Linking Solutions to Goals & Implementation Strategies

1. *Review materials (10 min)*
2. *Provide input & rank strategies : Capture input on flip chart (35 min)*
3. *Share results with large group (5 min each group)*

List of Materials

- Table showing suggested strategies for recognized challenges by conservation topic goal

Stakeholder Engagement

Four public workshops:

1. August 18, 2016

   VISION, PURPOSE, PRINCIPLES – SOLUTIONS TO CHALLENGES

2. September 21, 2016

   SETTING CONSERVATION TOPICS & GOALS, FINDING STRATEGIES

3. October 20, 2016

   Proposed Topic: EVALUTING SUCCESS – DEFINING CONSERVATION OPPORTUNITY REGIONS

4. November 30, 2016

   Proposed Topic: INTEGRATION WITH REGIONAL CONSERVATION STRATEGIES

30-day public review of document