

# **American River Brainstorming Workshop**

**November 2017**

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# Purpose

**To generate ideas for possible actions that would allow the operational flexibility needed for Reclamation or DWR to avoid jeopardizing species while delivering water and generating power**

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# Idea Generation Approach

- **Reclamation must balance a variety of interests**
- **You represent this variety of interests**
- **We can generate better ideas working with you than just working on our own**
- **Hearing others' ideas may help generate your own**
- **You may be able to improve upon others' ideas or minimize risks by brainstorming together**

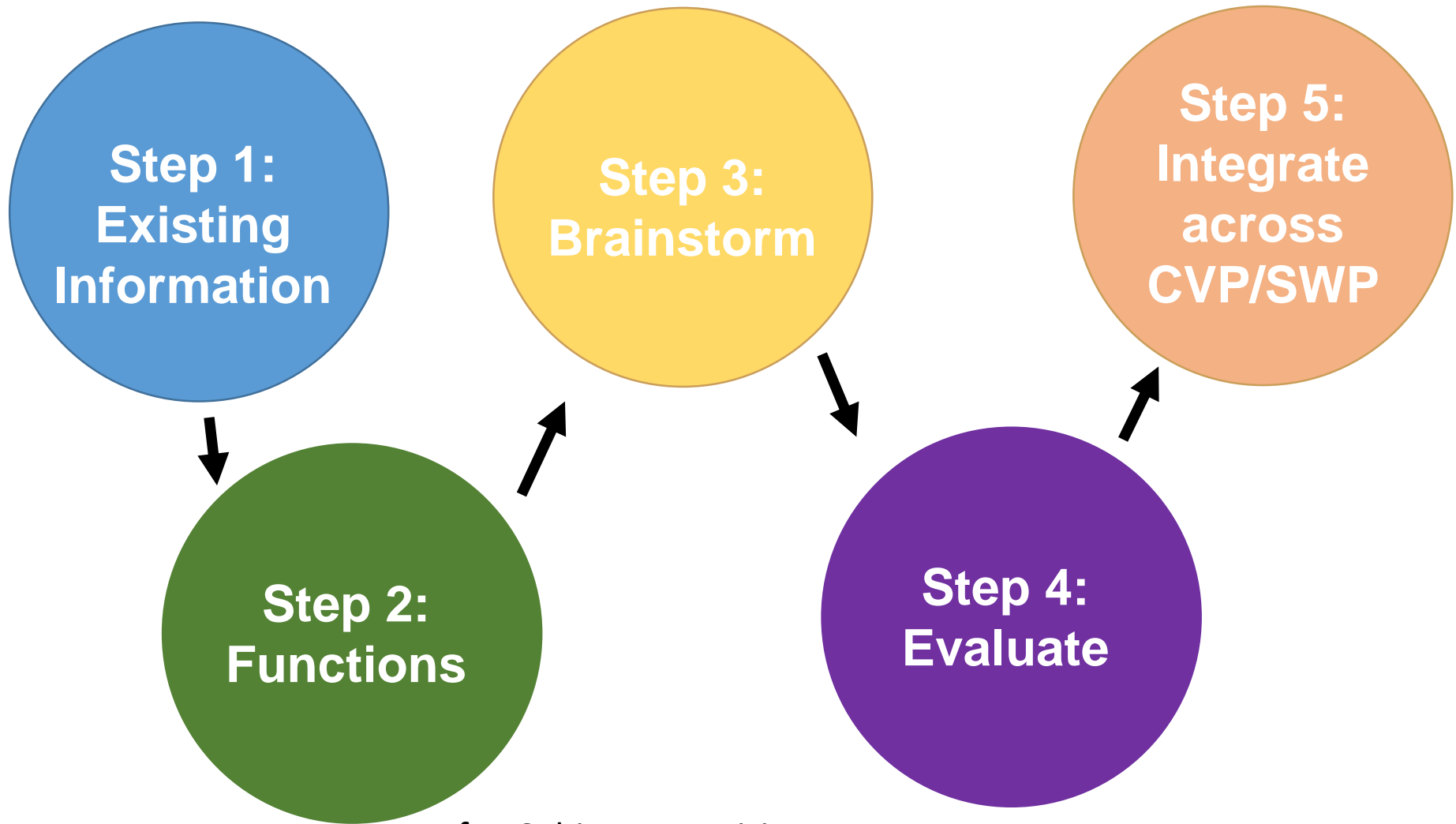
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# Idea Generation Approach

- **Structured**
- **Maximize use of time**
- **Use existing information – do not reinvent the wheel**
- **Increase operational flexibility by tying requirements to fish needs and identifying a variety of actions to meet that fish need**

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# Process



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# OVERVIEW OF PRE-NEPA BRAINSTORM PROCESS

We are  
here



## COLOR KEY

	Each interested party group
	All track-specific interested parties, including agency representatives
	All track-specific agency representatives
	Agency representatives from all tracks
	All interested parties from all tracks

## PARTICIPANTS

### Agency Kickoff Meeting(s) (2 Days)

- Establish process
- Review operations and biology
- Review existing conceptual models
- Function delineation
- Review other stressors
- Develop preliminary ideas

### Interested Party Kickoff Meeting (1/2 Day)

- ROC on LTO Overview and Status
- Establish process
- Solicit Initial Thoughts

### Workshop #1 (1-2 Days)

- Review operations and biology
- Review existing conceptual models
- Function delineation
- Review other stressors
- Develop preliminary ideas
- Identify advantages and risks
- Identify scientific basis for ideas

### Agency Meeting (1 Day)

- Identify scientific basis for ideas
- Refine workshop ideas
- Develop list of questions

### Workshop #2 (1 Day)

- Receive input addressing preliminary idea risks and questions

### Agency Integration Meeting (1 week)

- Review ideas
- Discuss system-wide trade-offs
- Identify advantages and risks

### All-Team Integration Workshop (1+ Days)

- Review system-wide operations
- Identify trade-offs between regions for different ideas

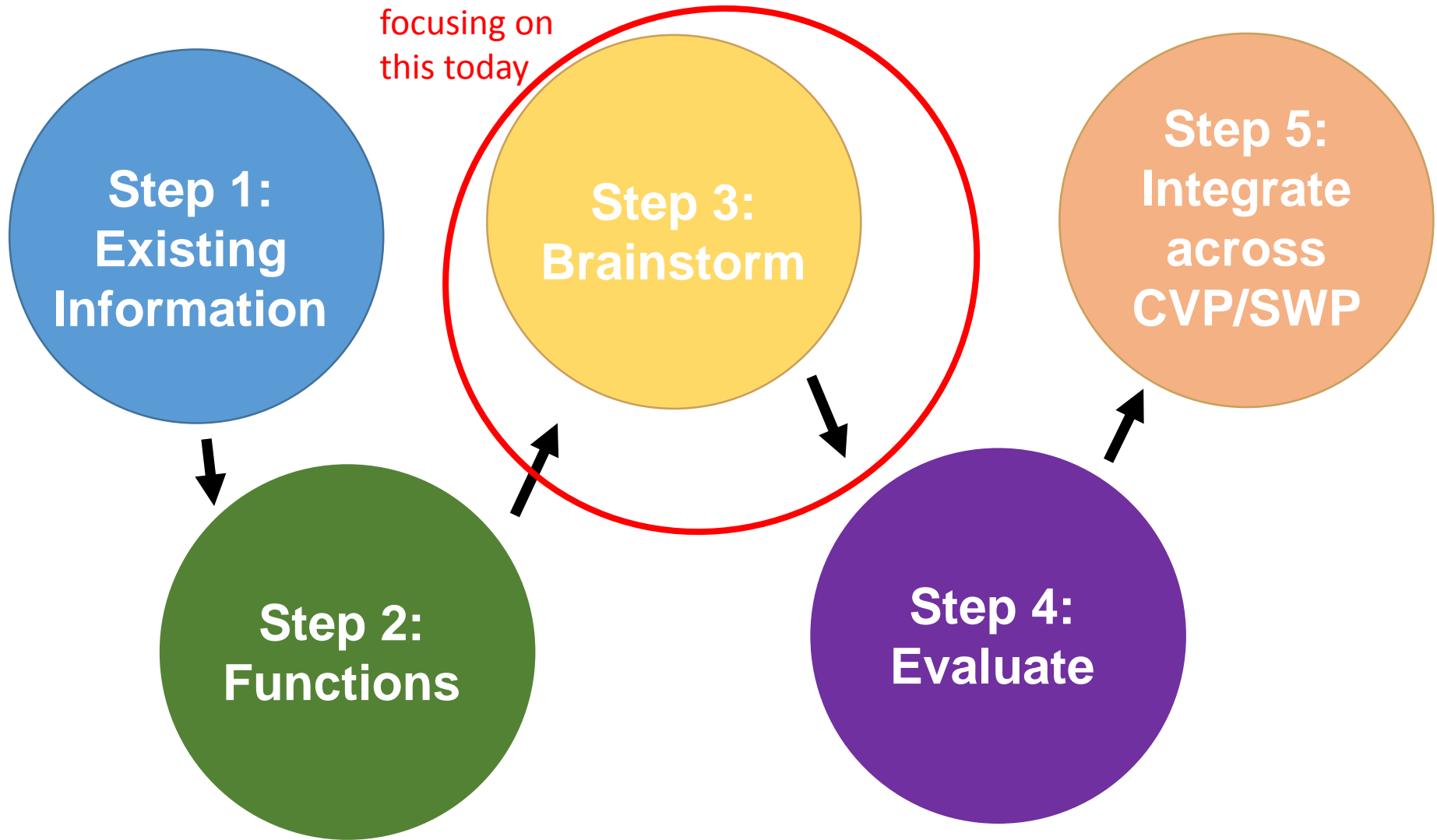
THE ABOVE DIAGRAM IS A CHRONOLOGICAL PROCESS PROPOSAL FOR EACH OF THE BELOW IDENTIFIED FIVE (5) TECHNICAL WORKGROUP TRACKS. THE OBJECTIVE OF THIS PROCESS IS TO PROVIDE A FOUNDATION OF SUCCESS FOR SUBSEQUENT NATIONAL ENVIRONMENTAL POLICY ACT ALTERNATIVES DEVELOPMENT.

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# Process

We are  
focusing on  
this today



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# Step 2: Functions

- **Think objectively**
- Develop a shared understanding of the project
- Define, simplify and clarify the problem
- Organize and understand the relationships between functions
- Improve communication and consensus
- Stimulate ideas for brainstorming

→ **HOW** – how do you achieve this function

← **WHY** – why do you do this function

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## Step 3: Brainstorming

- No bad ideas
- Utilize different perspectives
- Borrow from other systems
- Think outside the box

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## Step 4: Evaluation

- Does not occur immediately – give time for ideas to develop
- “What else should we consider about this idea?”
- “What are goals and constraints related to this idea?”

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# Step 5: Integration

- Future workshops
  - Across all geographic regions
  - For each species
- 
- Folsom operations affect Shasta
  - Winter-run actions affect Steelhead

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