

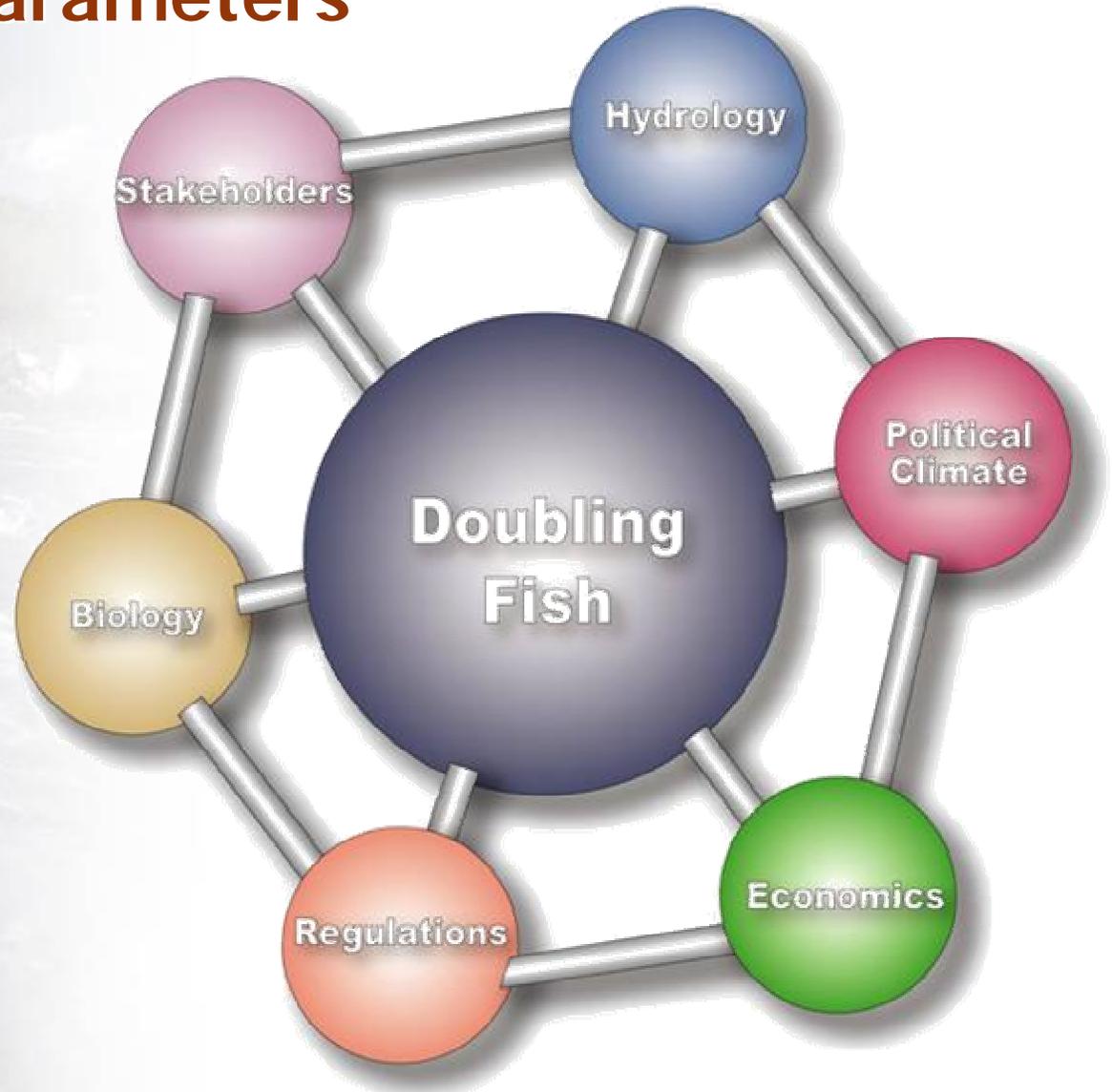


**DRAFT
(b)(3) Water
Acquisition
Program Decision
Solutions Model
(DSM)**

*Ecosystem Restoration
Subcommittee*

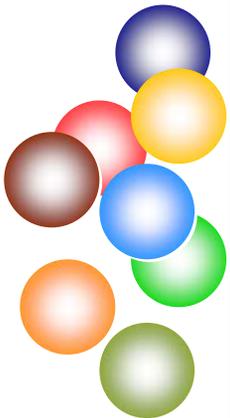
July 13, 2005

The Current Approach Integrates Objective Technical Data with Subjective Social Parameters

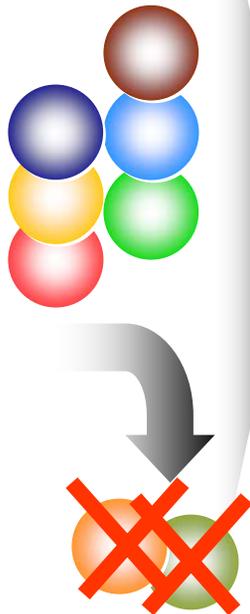


Use of DSM for Water Acquisition

Receive offers



Screen and process offers to create alternatives

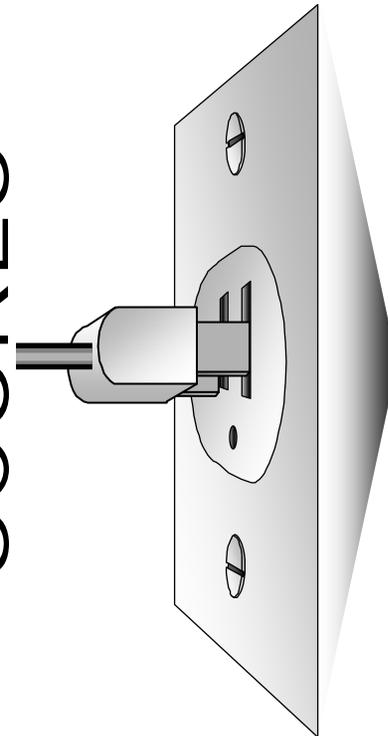


Incorporate existing data source information for scoring of alternatives

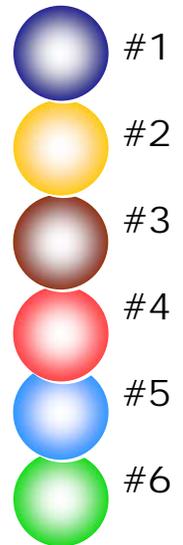
- *ECOSIM*
 - Hydrology
 - Project Operations
- *AFRP*
- *GrandTab*
- *Local Knowledge*
- *Scoring Rules*

Plug scores into DSM

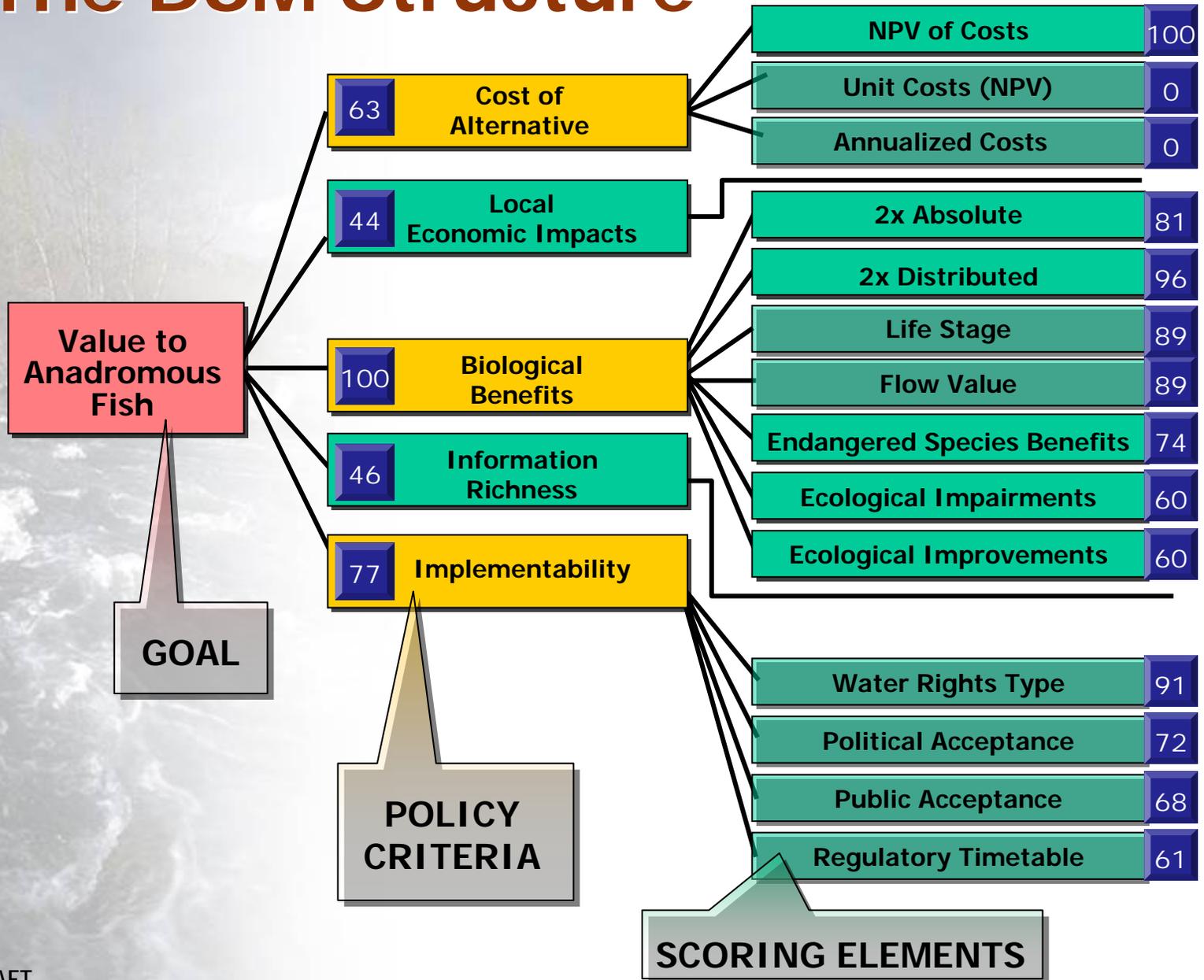
SCORES



Produce ranked list of alternatives



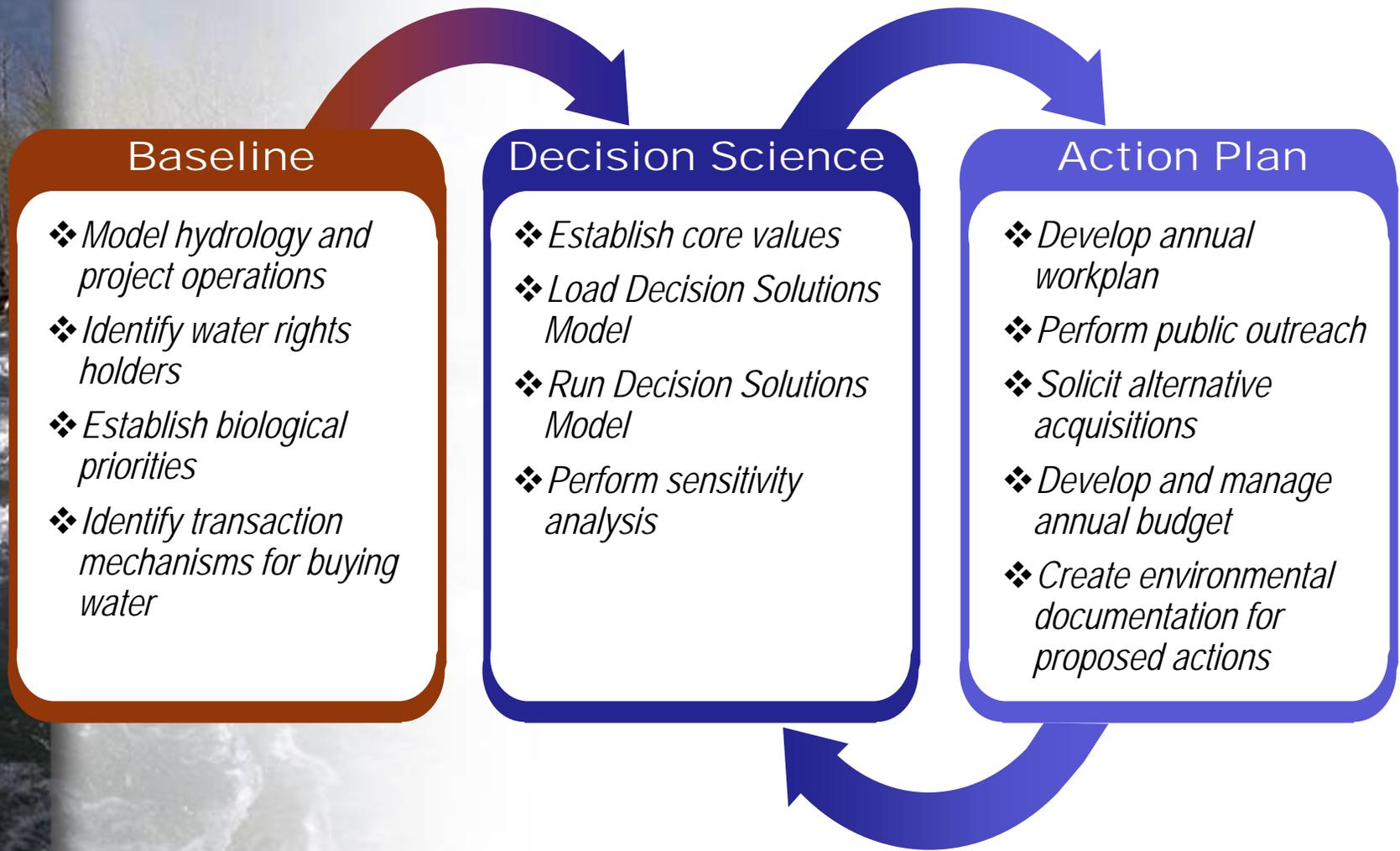
The DSM Structure



Example Scores and Ranking



Steps for Implementing the WAP by Incorporating the DSM



FOUNDATION

IMPLEMENTATION

Strategic Calendar

Oct.	Nov.	Late Nov. Early Dec.	Jan.	Feb. Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
<p>Obtain supplemental flows (e.g., adult fall-run salmon attraction flows).</p> <p>Run DSM.</p> <p>Prioritize and initiate long-term leases or water right purchases, if budget allows.</p>	<p>Meet with potential water sellers to formulate plans and develop relationships.</p>	<p>Run earliest ECOSIM water needs forecast.</p>	<p>Make early decisions on the exercise of annual options.</p>	<p>Make spot market purchases.</p> <p>Make late option calls.</p> <p>Run ECOSIM model to provide insight into the need for supplemental water for the remainder of the water year.</p>	<p>Load the most comprehensive data set into the model and run DSM.</p>	<p>Begin preparation for solicitation of willing sellers for the following year.</p> <p>Prepare data to support budget discussions.</p>	<p>Sell or divert water that has served its biological purposes.</p>	<p>Run DSM.</p> <p>Make fall water purchases.</p>	<p>Purchase secondary options to supplement fall flows.</p>	<p>Set aside unexpended funds for future acquisitions, if the carry over of funds is possible.</p>

The Stakeholder Process

- ❖ *3 Biological Priority Meetings*
- ❖ *3 Weighting Meetings*
- ❖ *2 Review Meetings*

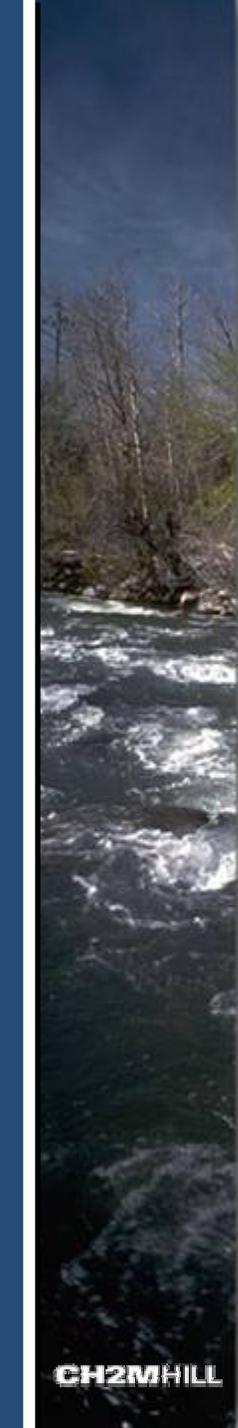
- ❖ *Participants included*
 - *USFWS*
 - *AFRP*
 - *USBR*
 - *CDFG*
 - *Central Valley Project Water Association (CVPWA)*
 - *The Bay Institute (TBI)*
 - *Trust for Public Land (TPL)*
 - *Western Area Power Administration (WAPA)*

Calendar for Completion

- ❖ *CALFED Presentation*
- ❖ *Appraisal process complete this year*
- ❖ *ECOSIM model development complete this summer*
- ❖ *Water Acquisition Summary Report draft this summer*

Next Steps

- ❖ *AFRP Working Group Presentation*
- ❖ *Stakeholder Presentation*
- ❖ *Training Session*
- ❖ *Implementation*



Questions and Answers