

# RECLAMATION

*Managing Water in the West*

## Colorado River Basin Water Supply and Demand Study

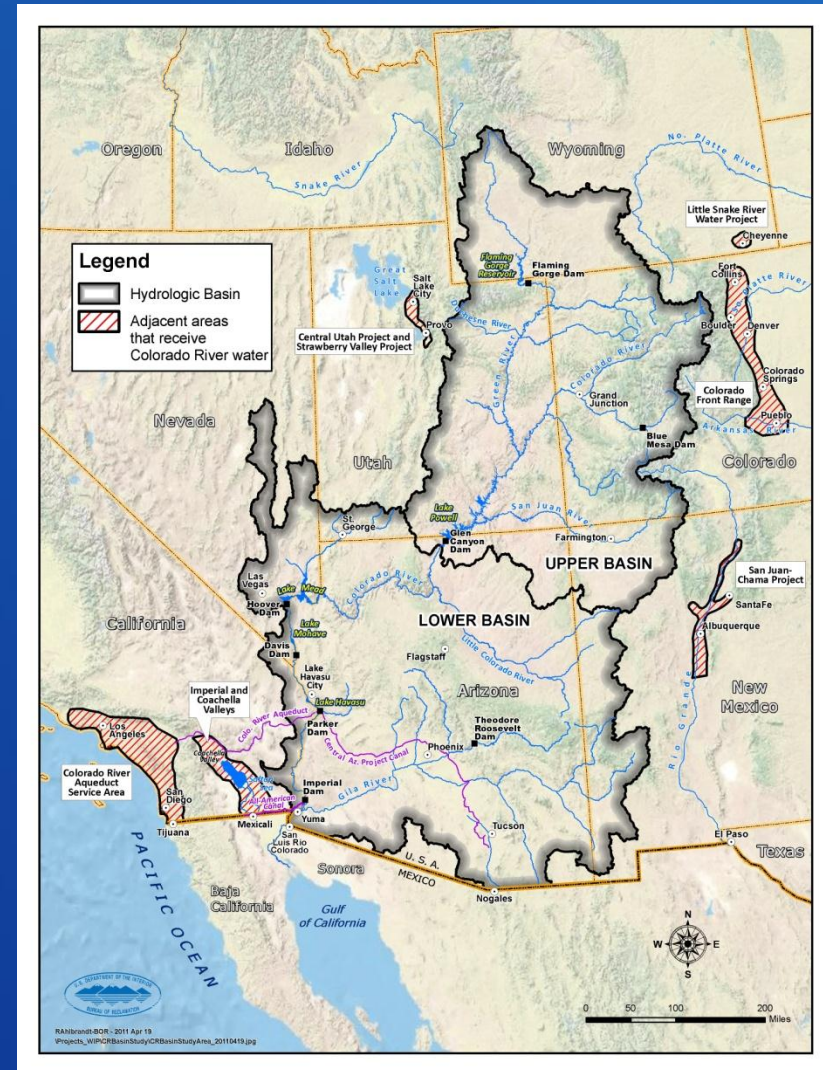
Innovative Water Transfers Workshop III  
Hosted by the WSWC & the WGA  
Las Vegas NV  
December 12, 2011



U.S. Department of the Interior  
Bureau of Reclamation

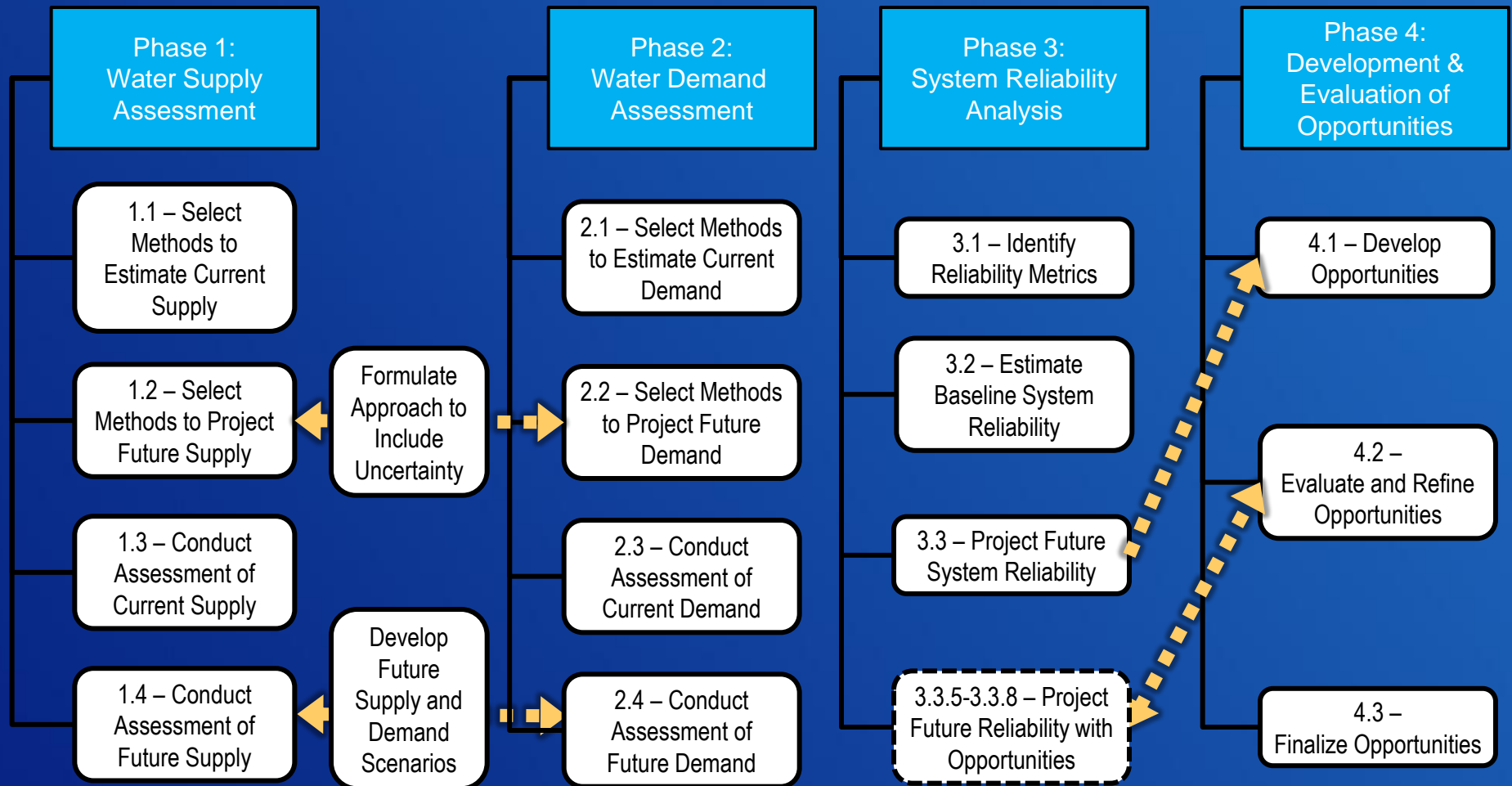
# Colorado River Basin Water Supply and Demand Study

- Study Objective
  - Assess future water supply and demand imbalances over the next 50 years
  - Develop and evaluate opportunities for resolving imbalances
- Study being conducted by Reclamation and the Basin States, in collaboration with stakeholders throughout the Basin
- A 2.5 year-Study beginning in January 2010
- A planning study – will *not* result in any decisions, but will provide the technical foundation for future activities



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# Study Phases and Tasks



Essentially complete and described in Interim Report No. 1

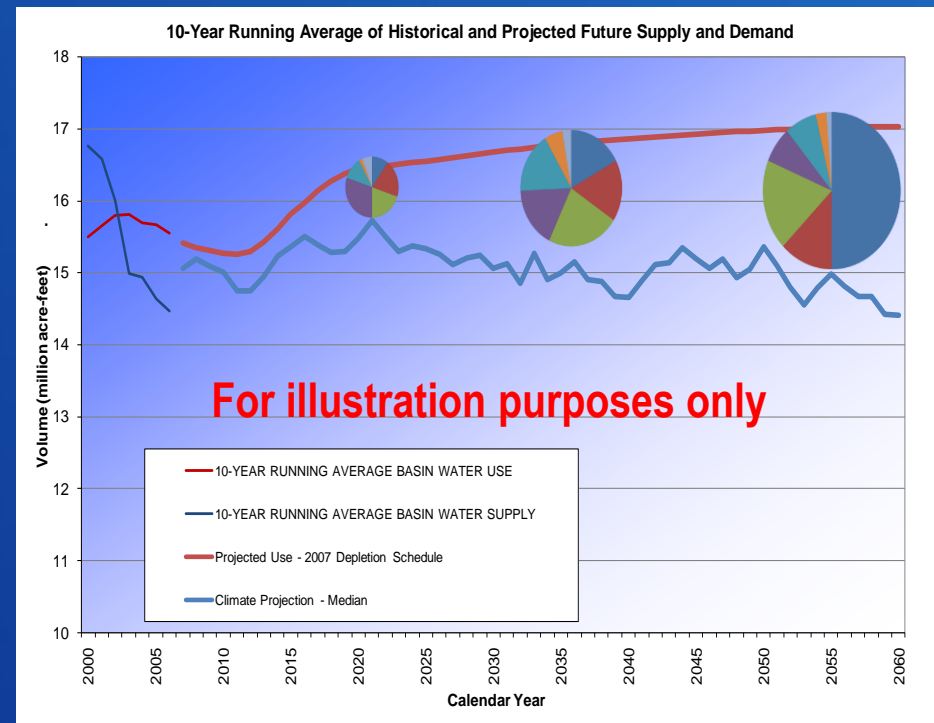
Ongoing work since Interim Report No. 1

Kickoff in November 2011

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# Phase 4: Development and Evaluation of Opportunities to Balance Supply and Demand

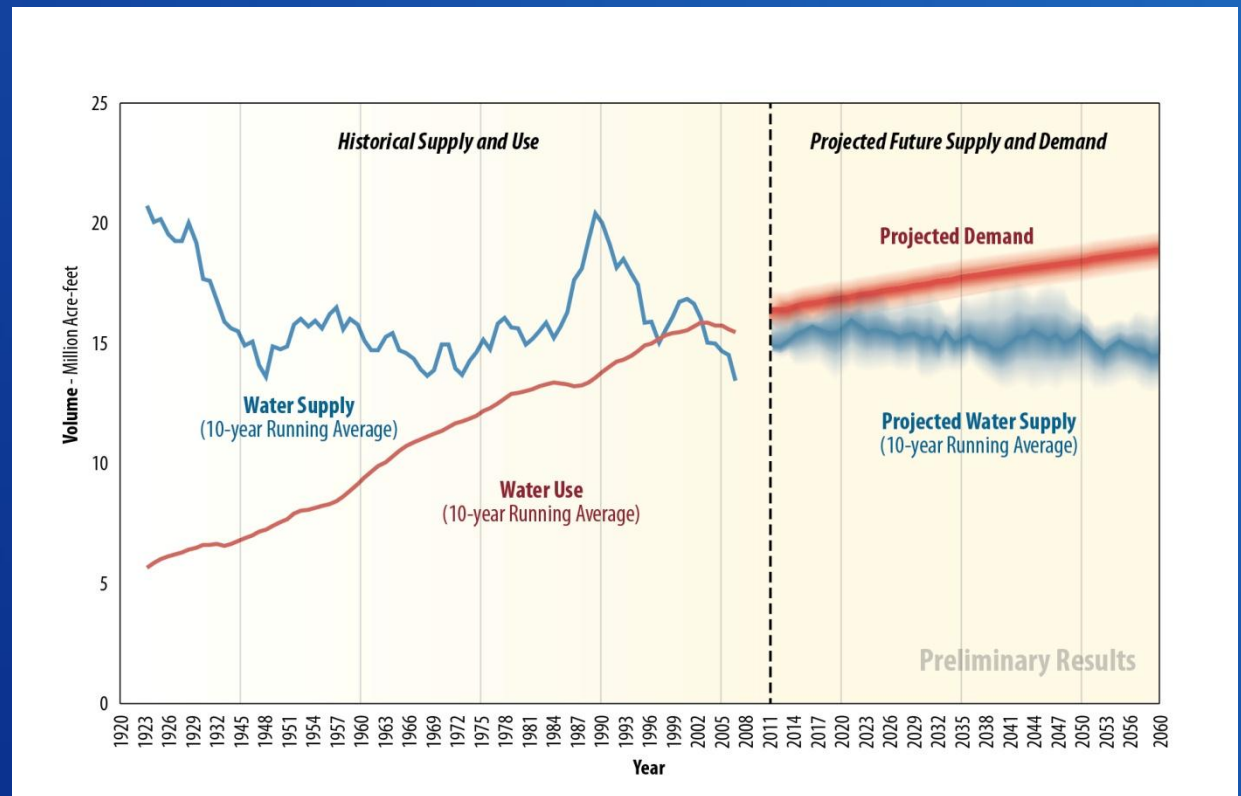
- Consider a wide range of options and strategies
- Consider “Portfolios” of unique combinations of options
- Will not result in selection or funding of a proposed project





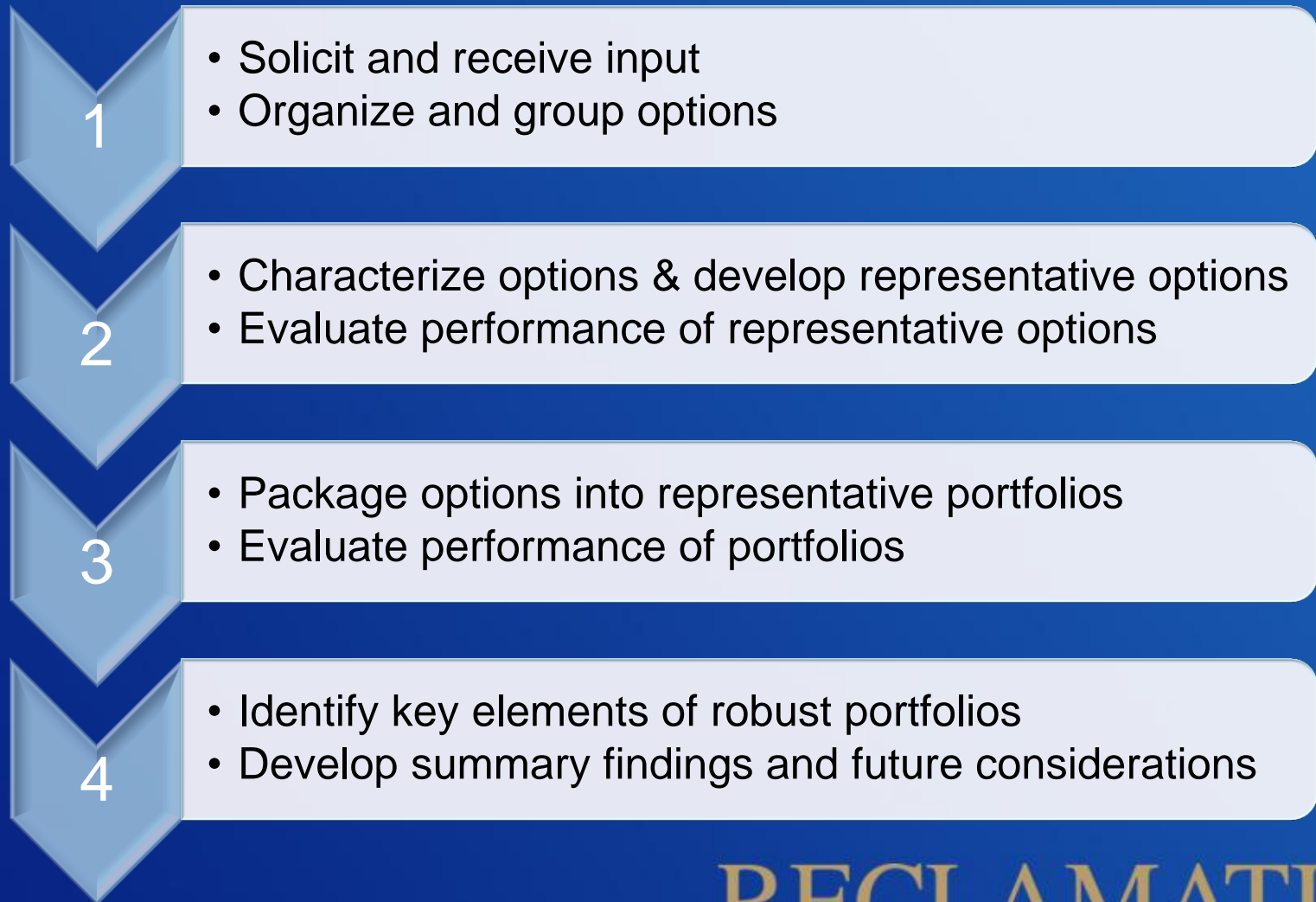
# Projected Future Colorado River Basin Water Supply and Demand

- Based on preliminary assessments, supply-demand imbalances over the next 50 years are projected to be greater than 3.5 million acre-feet
- Assessment based on:
  - “Current Trends” demand scenario
  - supply scenario that considers a changing climate
- A broad range of imbalances will be considered when all supply and demand scenarios are combined



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# Phase 4 Approach



# How to Submit an Option

- Submit using the Option Submittal Form by February 1, 2012
- Form available on Study website at:  
<http://www.usbr.gov/lc/region/programs/crbstudy.html>
- Submit form via:
  - Study Website
  - E-mail to:  
[ColoradoRiverBasinStudy@usbr.gov](mailto:ColoradoRiverBasinStudy@usbr.gov)
  - U.S. mail to:  
**U.S. Bureau of Reclamation**  
**Attention Ms. Pam Adams, LC-2721**  
**PO Box 61470**  
**Boulder City NV 89006-1470**
  - Fax to: **702-293-8418**

**Colorado River Basin Water Supply & Demand Study**  
**Form to Submit Options to Resolve Future Supply and Demand Imbalances**

**Contact Information (optional):**

Contact Name:	Title:
Affiliation:	
Address:	
Telephone:	E-mail Address:
Date Option Submitted:	

**Option Name:**  
Click here to enter text.

**Description of Option:**  
Click here to enter text.

**Location:** Describe location(s) where option could be implemented and other areas that the option would affect, if applicable. Attach a map, if applicable.  
Click here to enter text.

**Quantity and Timing:** Roughly quantify the range of the potential amount of water that the option could provide over the next 50 years and in what timeframe that amount could be available. If option could be implemented in phases, include quantity estimates associated with each phase. If known, specify any important seasonal (e.g. more water could be available in winter) and/or frequency (e.g. more water could likely be available during above-average hydrologic years) considerations. If known, describe any key assumptions made in order to quantify the potential amount.  
Click here to enter text.

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## Milestones & Updated Study Timeline

February – November 2011	Quantify Demand Scenarios
December – February 2012	Perform “Baseline” System Reliability Analysis
November – February 2012	Develop Options & Strategies
January 2012	Publish Technical Updates
February – April 2012	Perform System Reliability Analysis with Options & Strategies
April 2012	Publish Technical Updates
April – June 2012	Finalize & Evaluate Options & Strategies
June 2012	Publish Draft Final Study Report
July 2012	Publish Final Study Report

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# Colorado River Basin Water Supply and Demand Study



## Study Contact Information

- Website: <http://www.usbr.gov/lc/region/programs/crbstudy.html>
- Email: [ColoradoRiverBasinStudy@usbr.gov](mailto:ColoradoRiverBasinStudy@usbr.gov)
- Telephone: 702-293-8500; Fax: 702-293-8418

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