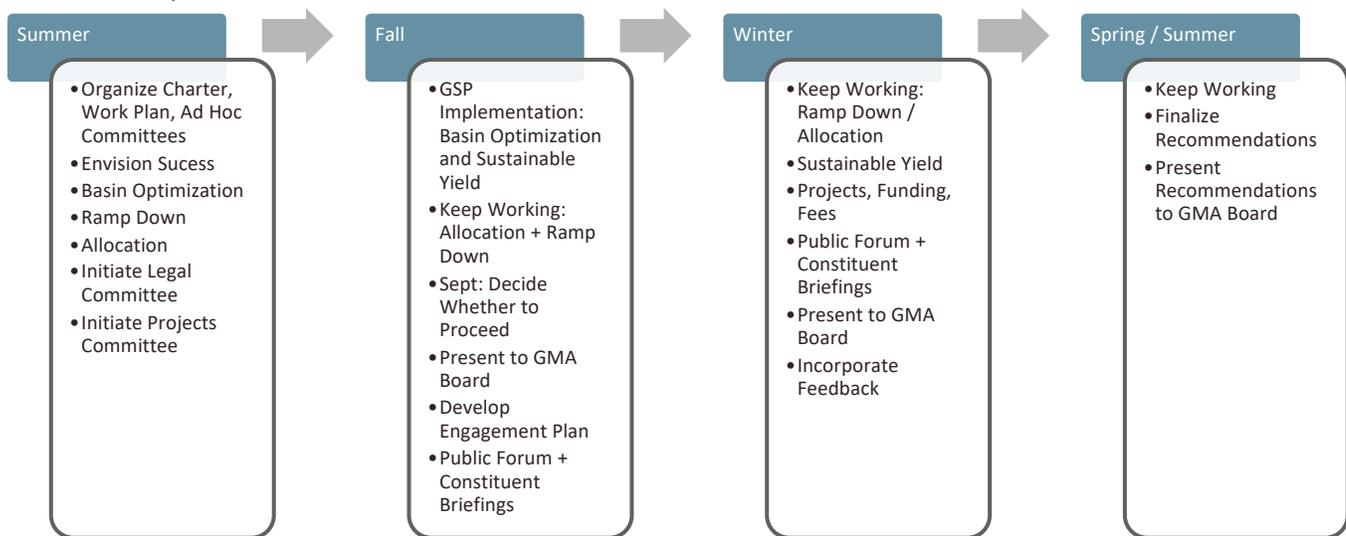


# Facilitated Process Discussion Framing

Developed and Maintained by the Consensus Building Institute (CBI)  
 Updated: 8.25.2020

*This document will serve as tool to document the overarching “road map,” meeting plan, and topics under consideration. CBI will track this document in consultation with the Core Stakeholder Group and technical staff.*

## Road Map



## Core Stakeholder Group Bodies of Work

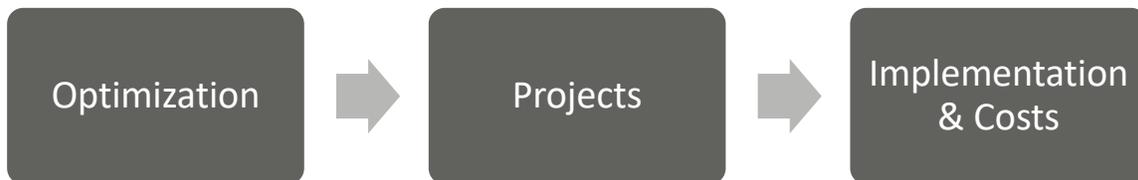
GSP Implementation					
Basin Optimization	Refining Sustainable Yield	Ramp Down Allocation	Projects	Replenishment Fees	Project Governance / Implementation

## Meeting Plan

Core Stakeholder Group Meeting Framework	
1 6.25.20	Framing Success in 2040 Charter and Meeting Plan <b>Prepare for Basin Optimization Work</b>
2 7.16.20	Refine Charter, Discuss Group Composition <b>Basin Optimization</b>
3 8.4.20	<b>Charter</b> Next Steps Frame Issues on <b>Ramp Down</b> Discuss <b>Legal Ad Hoc Committee</b> Purpose and Objectives
4 8.18.20	<b>Managing Basins Collectively</b> Frame Issues on <b>Allocation</b> and Discuss <b>Ramp Down</b> Criteria and Options Begin discussing Purpose and Objectives for <b>Projects Ad Hoc Committee</b>
Aug 26	<b>FCGMA Board Briefing</b> - Process Update
5 9.1.20	<b>Basin Optimization Scenarios</b> (Decision Criteria and Feedback on Proposed Scenarios) Review Refinements on <b>Legal Committee</b> Charge, Purpose, and Objectives <i>Decide to proceed...</i> Discuss briefing talking points and spokespeople for GMA Board and other constituent organizations <i>Time permitting: Charter</i> Back-Up Voting
6 9.15.20	<b>Ramp Down</b> Criteria and Options Finalize <b>Project Committee</b> Composition and Charge Finalize Talking Points for GMA Board Meeting
Sept 23	<b>FCGMA Board</b> (deadline ~9.10.20) Seek policy approval on Managing the Basins Together
7 9.29.20	<b>Ramp Down</b> Options <b>Managing Basins Collectively</b>
8 10.13.20	<b>Ramp Down</b> Options Develop plan to vet Ramp Down Options with public, constituents, Board, etc.
9 10.27.20	

# Basin Optimization

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<b>Problems to be Solved</b>	<p>How do we create the highest yield by shifting pumping physically around the basins and between the upper and lower aquifer systems? What scenarios do we want to consider or model to analyze the basin yield?</p> <p><i>Future Questions</i></p> <p>What projects or infrastructure are necessary to optimize the basin? What is feasibility of those projects? What are the costs? What are the economics of the projects? What provides the best cost/benefit? How do we pay for these projects?</p> <p>Based on what we have learned on basin optimization scenario modeling, what is the impact on sustainable yield?</p>
<b>Existing Policy</b>	None at this time
<b>Resources</b>	See <b>Optimization Technical Memo</b> , United, John Lindquist [ <a href="#">Add Link</a> ]
	<p><b>Redistribution of pumping between upper and lower aquifer systems</b></p> <ul style="list-style-type: none"> <li>▪ United’s Groundwater Planning document (<a href="#">GSP-Lite Open-File Report and Addendum A</a>) preceded GSP and modeled uniform cut approach, yielded imbalance (surplus in upper and deficit in lower). Frames the question do we need to balance between the upper and lower.</li> </ul> <p><b>Redistribution of water</b></p> <ul style="list-style-type: none"> <li>▪ United completed related analysis as part of ASSAP project design. (Proposed pipeline to provide water to the southern parts of the basin; on hold due to high costs.) <a href="#">Link to Report</a>.</li> </ul> <p><b>Seawater intrusion</b></p> <ul style="list-style-type: none"> <li>▪ Coastal brackish water treatment</li> <li>▪ Injection barrier (no source of water)</li> <li>▪ Creating cone of depression</li> </ul>

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<b>Key Term Definitions</b>	Optimization: creating highest yield by shifting pumping management, volume, and location (geologic or geographic) to maximize yield
<b>Stakeholder Interests + Issues</b>	<ul style="list-style-type: none"> <li>▪ Reducing seawater intrusion</li> <li>▪ Increasing supply</li> <li>▪ Costs and how to pay for projects</li> <li>▪ Monitoring and data verification to validate model inputs</li> </ul>
<b>Decision Criteria</b>	<ul style="list-style-type: none"> <li>▪ Reducing seawater intrusion</li> <li>▪ Increasing supply</li> <li>▪ Cost / benefit</li> <li>▪ Financial feasibility: funding, financing</li> </ul>
<b>Concept Proposals</b>	<p>Core Stakeholder Group discussion held 7.16.20</p> <p><b>How do we create the highest yield by shifting pumping physically around the basins and between the upper and lower aquifer systems?</b></p> <ul style="list-style-type: none"> <li>▪ What is the maximum yield that we can achieve?</li> <li>▪ Redistributing pumping between the upper and lower aquifer systems – United GSP “light” and GSP – looks at sustainable yield – we need to do more work on this</li> <li>▪ Shifting supply by distributing water to vulnerable areas</li> <li>▪ Managing seawater intrusion</li> </ul> <p><b>What scenarios do we want to consider or model to analyze the basin yield?</b> (Note: Inputs = assumptions about supplies; Outputs = impact on basin yield)</p> <p>Shifts in Pumping: geographic or geologic</p> <ul style="list-style-type: none"> <li>▪ How will shifting pumping away from the coast affect us? (From United Tech Memo)</li> <li>▪ Shifts to address seawater intrusion</li> <li>▪ Redistributing pumping between the upper and lower aquifer systems. Potentially need to factor in <i>differences in water quality which differs between upper and lower basins.</i></li> </ul> <p>Reducing Groundwater Pumping</p> <ul style="list-style-type: none"> <li>▪ Purchasing surface water (State Water Project or Article 21)</li> <li>▪ Increasing agricultural irrigation and industrial water use efficiency</li> </ul> <p>Changing Volume of Water</p> <ul style="list-style-type: none"> <li>▪ Options for wastewater reuse and stormwater capture; consider emphasis on local solutions</li> </ul>

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- Consider impact of water savings due to Arundo and invasive species removal
  - Trade-off between pumping / cost of wells, and other infrastructure to transport
  - Climate scenarios
  - Timing – when do we realize benefit – does it help us achieve sustainability?
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**Preliminary** *forthcoming*  
**Recommendation**

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**Agreements /**  
**Recommendations**

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