

*South American Subbasin Groundwater Sustainability Plan Development*

# CITY OF FOLSOM CITY COUNCIL BRIEFING

## **SASb GSPWG:**

- County of Sacramento
- Northern Delta
- Omochumne-Hartnell Water District
- Sacramento Central Groundwater Authority
- Sloughouse RCD

**Oct. 27, 2020**



# Overview

- Sacramento Central Groundwater Authority
- SGMA Requirements
- South American Subbasin Background
- Groundwater Sustainability Plan (GSP) Development
- Sustainable Management Criteria, Monitoring, and Projects and Actions
- Public Outreach
- Q&A

# Sacramento Central Groundwater Authority

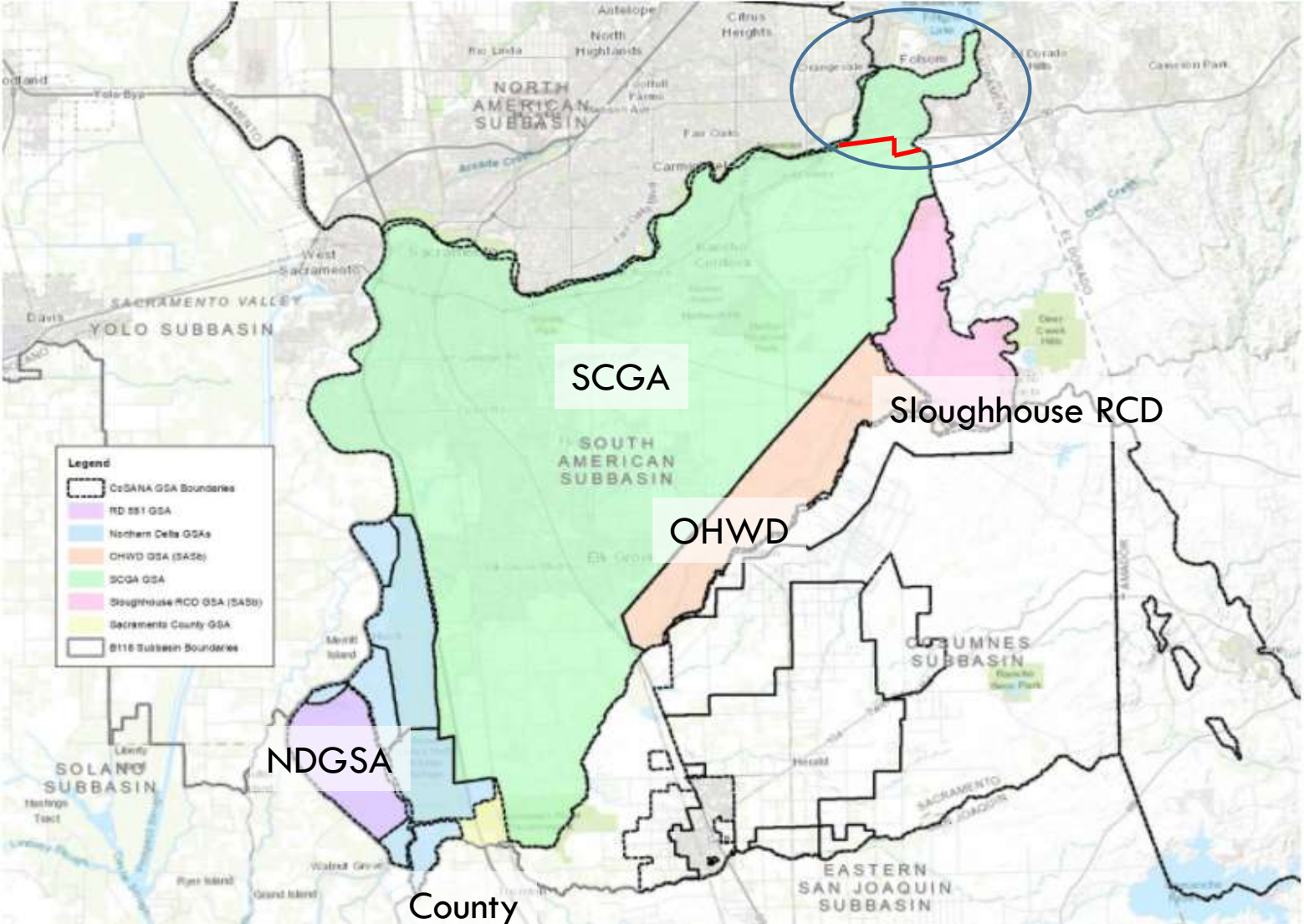
- SCGA was formed in 2006
- Joint Powers Agreement among County of Sacramento and Cities of Folsom, Elk Grove, Rancho Cordova and Sacramento
- 16 member Board of Directors including municipal and agricultural water suppliers, agriculture, ag-residential, conservation landowners, and self supplied industry
- JPA amendments will be coming to the City Council later this year

# Sustainable Groundwater Management Act (SGMA)

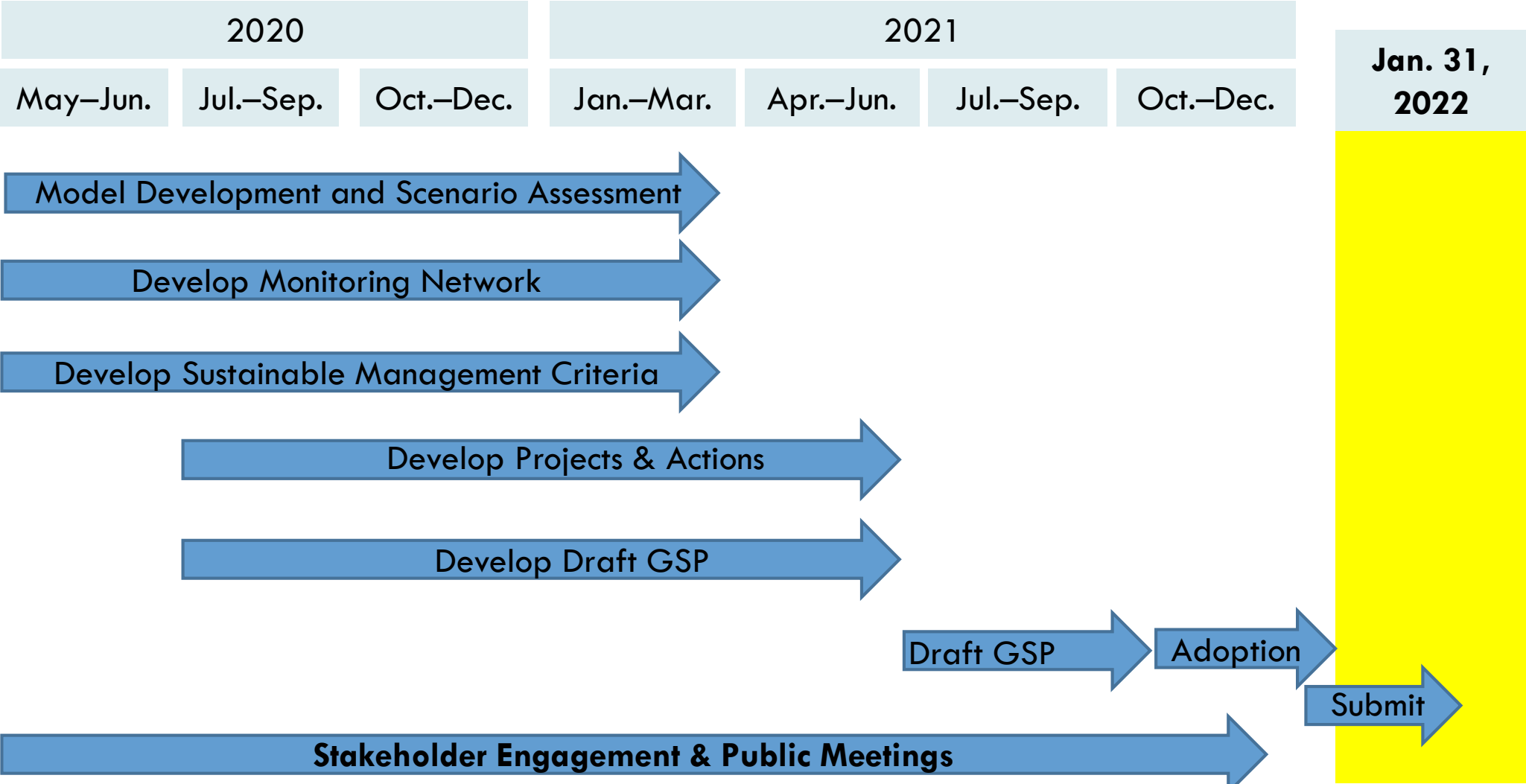
- SGMA passed in 2014
- Requires
  - Creation of a Groundwater Sustainability Agency (GSA)
  - Completion of a Groundwater Sustainability Plan (GSP) by 2022
  - Achieving Sustainable Groundwater Management by 2042
- Failure to comply results in
  - State intervention
  - State fees



# South American Subbasin








# Groundwater Sustainability Plan Timeline



# Summary of Groundwater Sustainability Plan Sections

*A Groundwater Sustainability Plan has five chapters:*

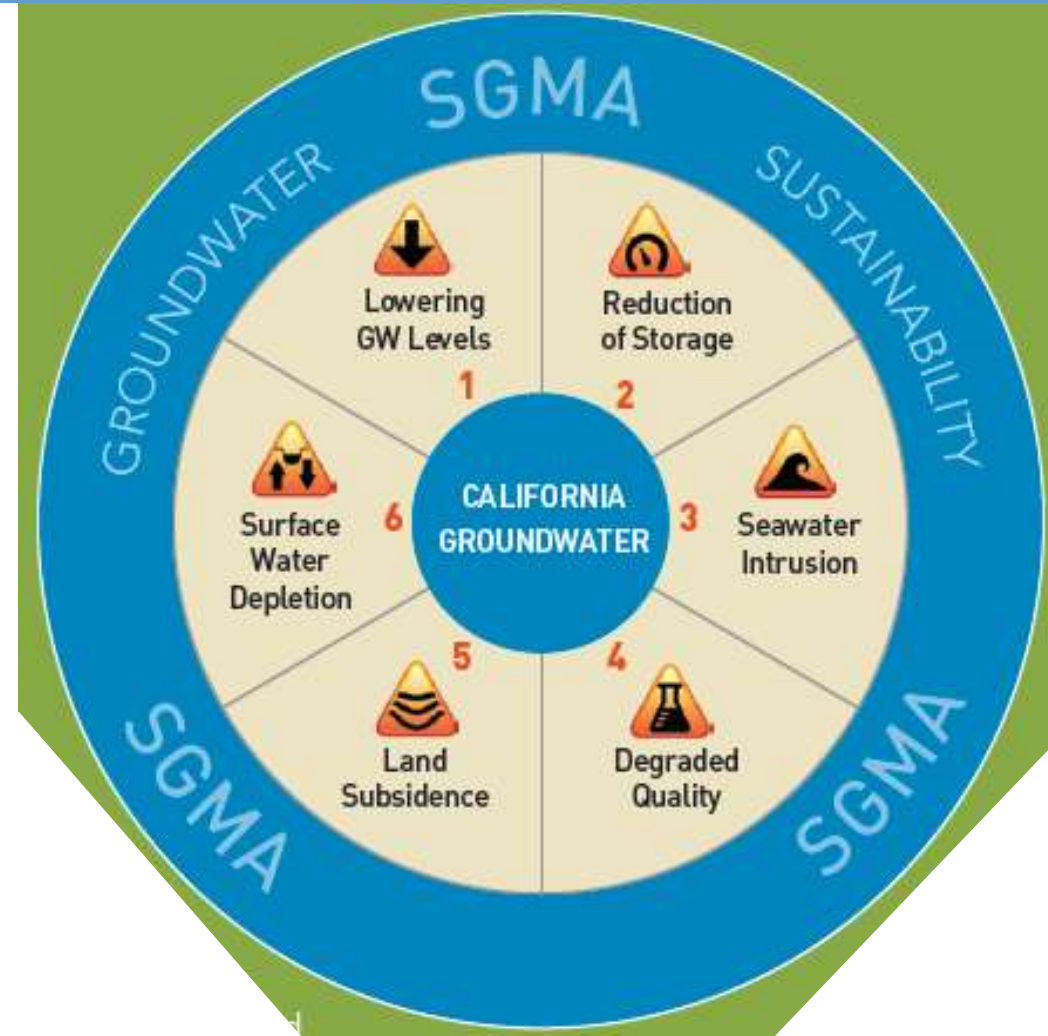
1. Introduction 
2. Plan Area and Basin Setting 
3. Sustainable Management Criteria 
4. Projects and Management Actions 
5. Plan Implementation 

# Sustainability: Learning a New Language

**Sustainable Management Criteria** are the foundation of SGMA

- Lowering of groundwater levels
- Reduction of storage
- Depletion of surface waters
- Degraded water quality
- Land subsidence
- Seawater intrusion

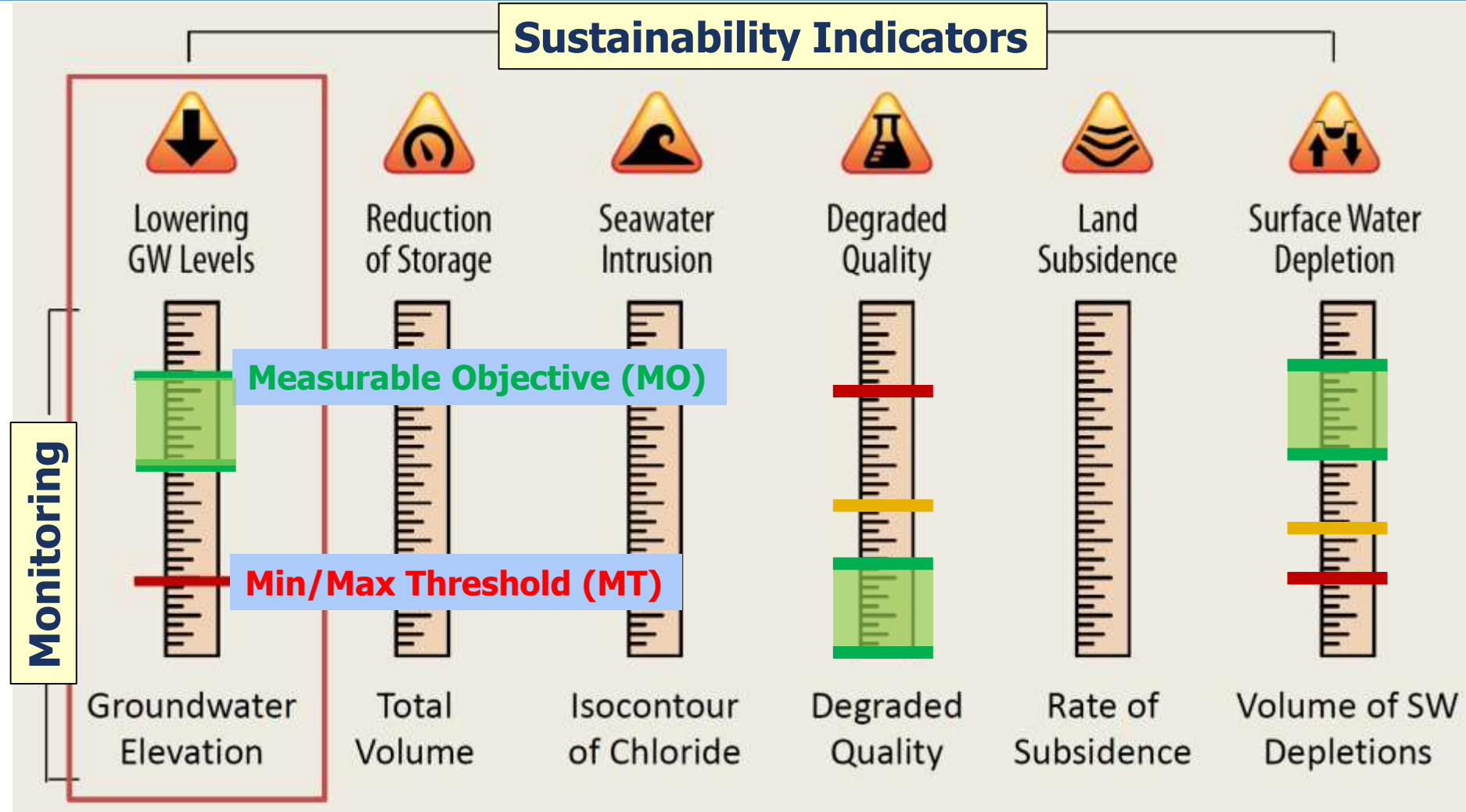
**Undesirable Results** are “significant and unreasonable” impacts of the above conditions





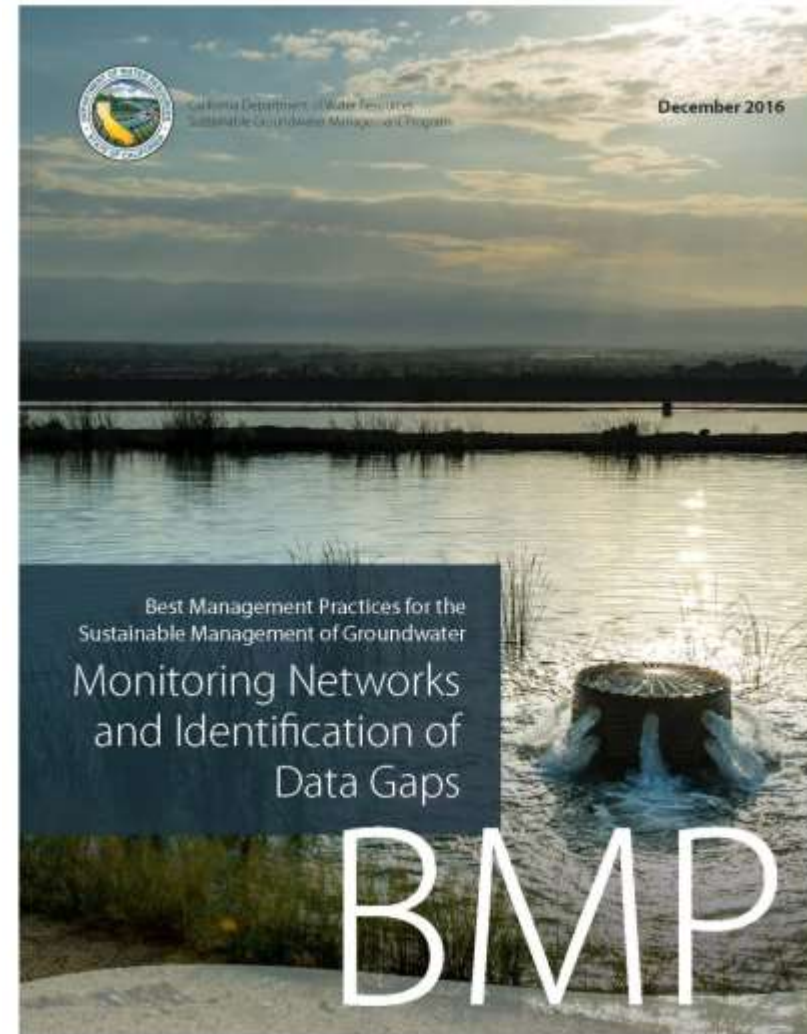
# SASb will develop metrics for each applicable undesirable result

- **Measurable Objective:**  
Goal that we want to strive for.
- **Minimum Threshold:**  
Quantitative value reflecting what is significant and unreasonable. *The line we don't want to cross.*



# The Monitoring Network will be the key Tool to Demonstrate Sustainability

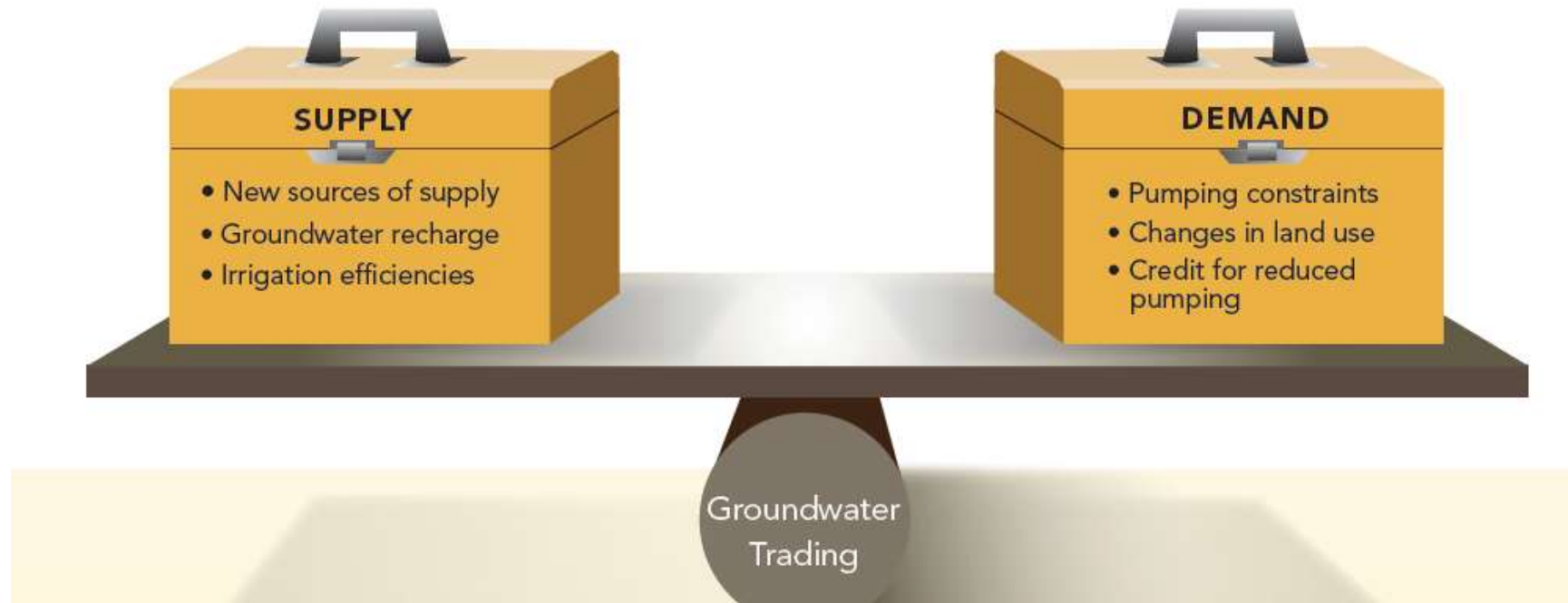
- Build on **existing** monitoring networks
- Select appropriate monitoring points for **representative** sampling
- Identify large gaps to be filled during **implementation**
- **We need stakeholder input and engagement!**



# Projects and Management Actions

- Projects and Management Actions are the things we will do to achieve and maintain sustainability

Tools to balance supply and demand and help your GSA reach sustainability



# Public Outreach

SGMA has stringent requirements for stakeholder involvement

SASb will undertake

- Meetings of a GSP Working Group
- Public Informational Meeting
- Website and Fact Sheets
- Public meetings of GSA Boards
- Meetings with adjacent basins
- Meetings with targeted stakeholder groups, e.g. Ag-res, remediation sites.



# What does this mean for Folsom

- SCGA's sustainable management of groundwater improves reliability of all the region's water supplies through conjunctive use
- Local control of water resources is maintained by SGMA compliance
- SCGA costs stabilize as agricultural, ag-res, and self-supplied users cover a share of costs



# Questions?

