



**WATER TOMORROW**  
**2020 Integrated Resources Plan**

## SCENARIO PLANNING

FINALIZING DRIVERS OF CHANGE  
STEPPING INTO CONSTRUCTING SCENARIOS

**Member Agency Managers Meeting**

June 12, 2020

## Overview

- Discuss feedback on drivers of change and survey instrument
- Understanding the process as we move into constructing scenarios
- Preview data requested for 2015 retrospective



## FEEDBACK ON DRIVERS OF CHANGE AND DESCRIPTION OF SURVEY



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## Feedback by the Numbers



### 3 New Drivers

- Impacts of Mandatory Groundwater Management
- Impacts on Replenishment
- Public Support

### Edits to Existing Drivers

- Neutral drivers
- Various edits

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## Drivers of Change Survey



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## Survey Context

The survey will be distributed to the following three groups with a unique common statement to provide context:

- Importance of the driver as it impacts Southern California's water supply reliability

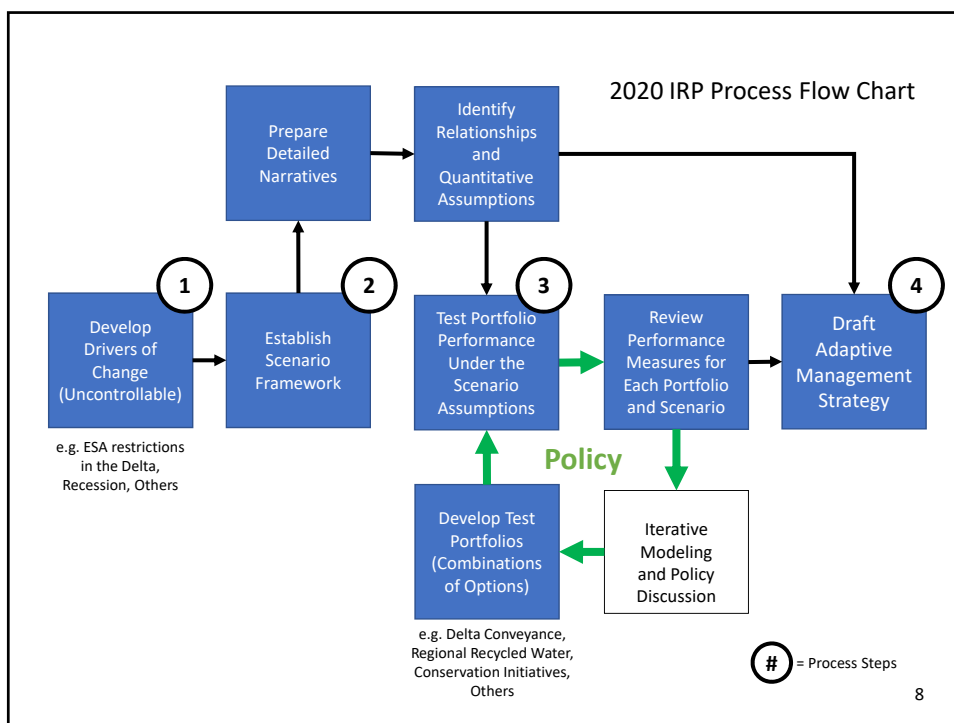
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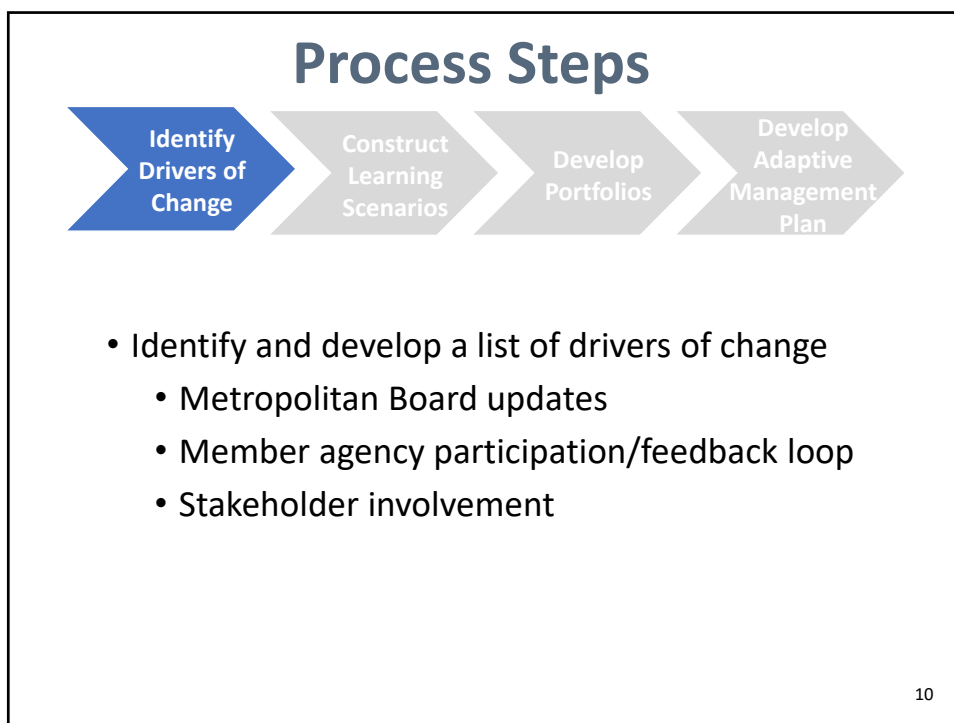
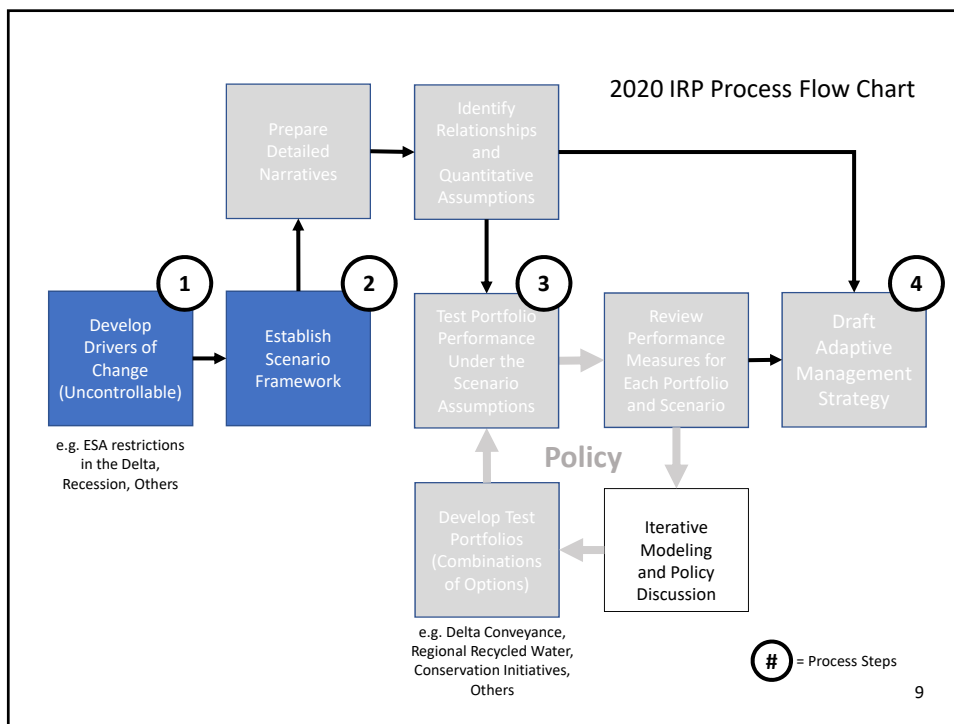


## MOVING INTO CONSTRUCTING SCENARIOS

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## Process Steps

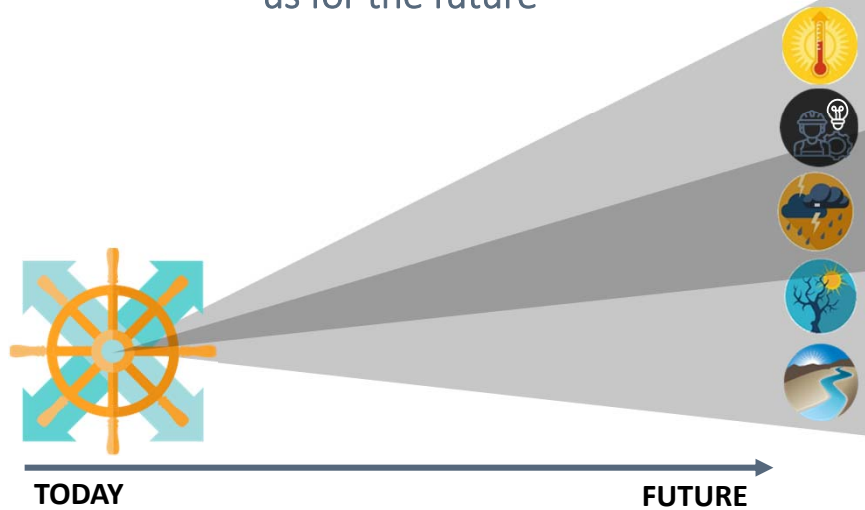


- Identify scenario framework
  - Allows us to construct scenarios addressing a range of plausible futures
  - Qualitative and quantitative assessment of drivers and their impact and uncertainty

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## Scenario Framework

A broad view of the future will better prepare us for the future



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## Purpose of Survey

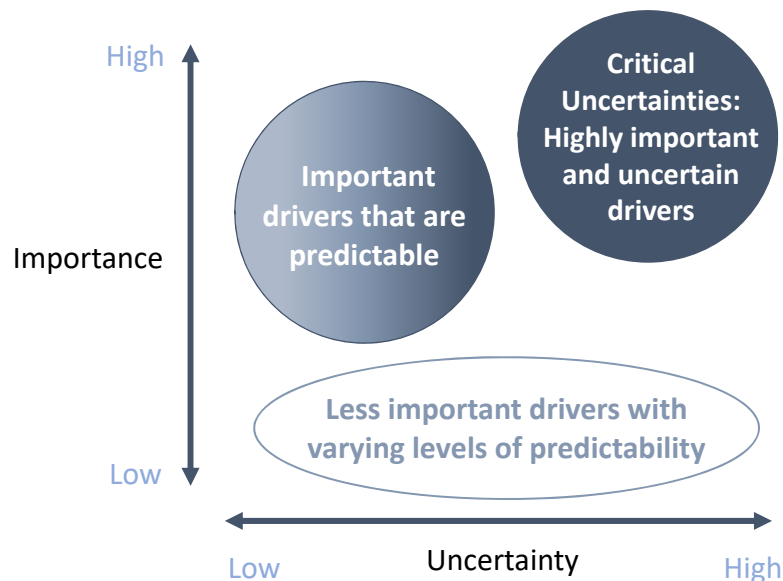
- Indication of importance of the drivers of change
  - Not voting on which drivers of change will be used
- Help to develop scenario framework
  - Basis for constructing scenario narratives



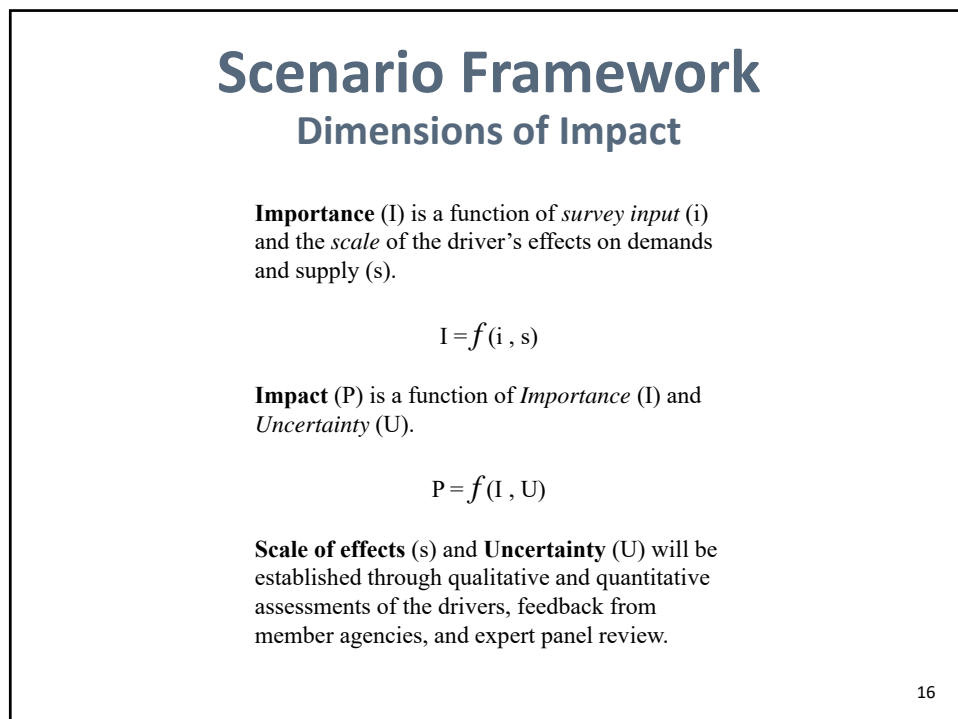
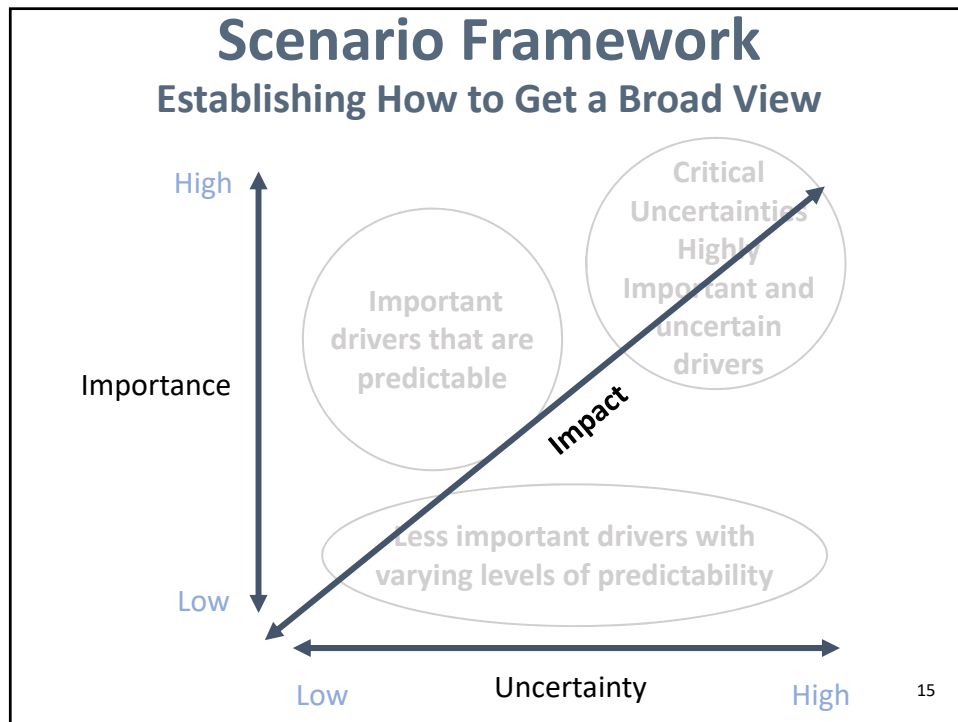
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## Scenario Framework

Establishing How to Get a Broad View



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## Scenario Framework WRF Example

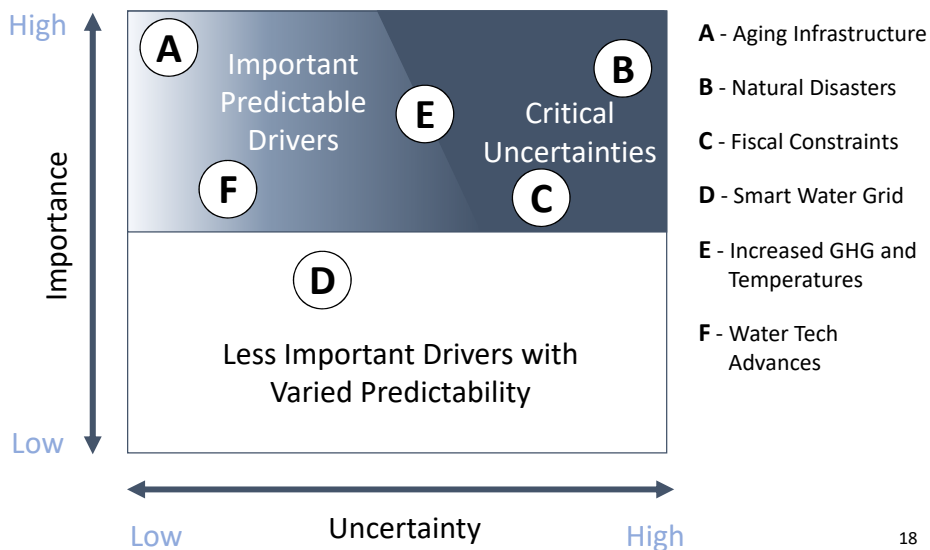
WERF Study (Brown, 2017)

The WE&RF Interim Research Plan called for “A board-driven long-term strategic visioning process . . . to define a WE&RF research strategy for 2018 and beyond.”

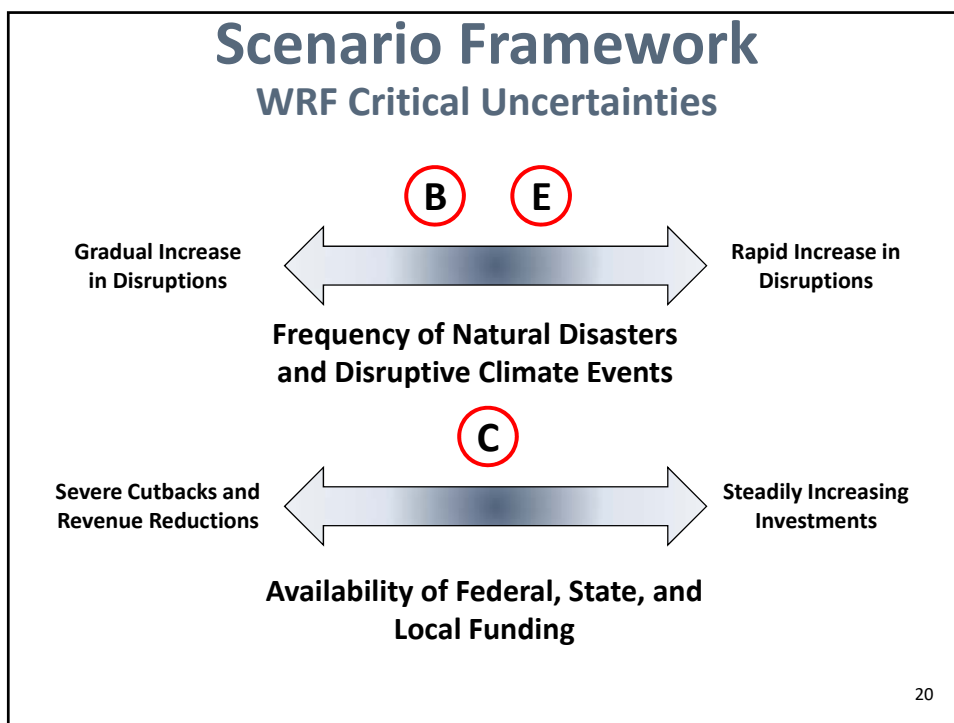
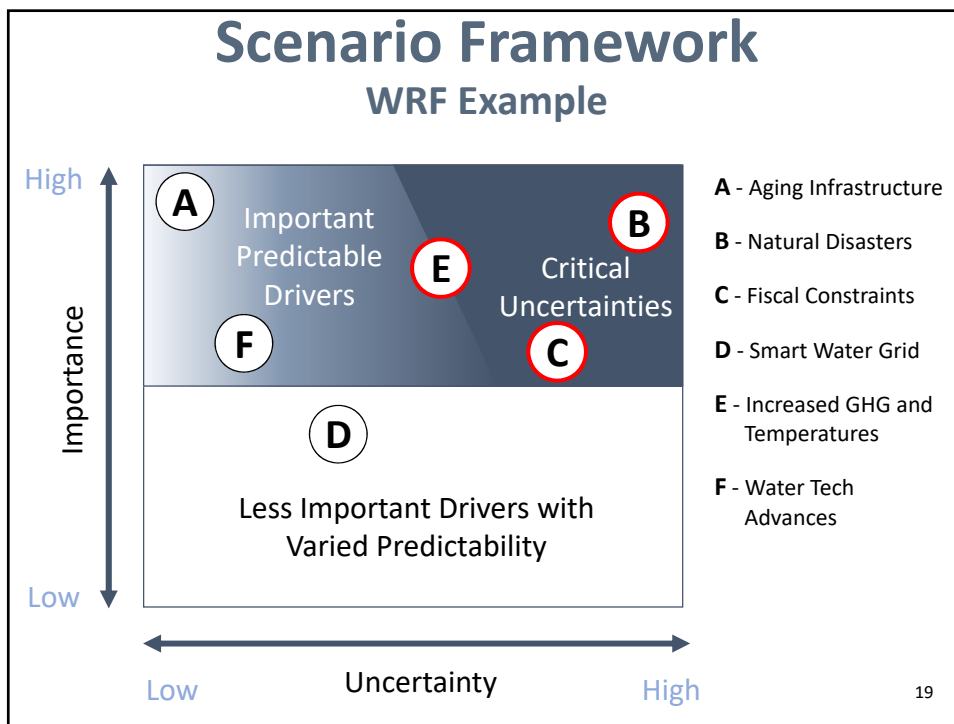


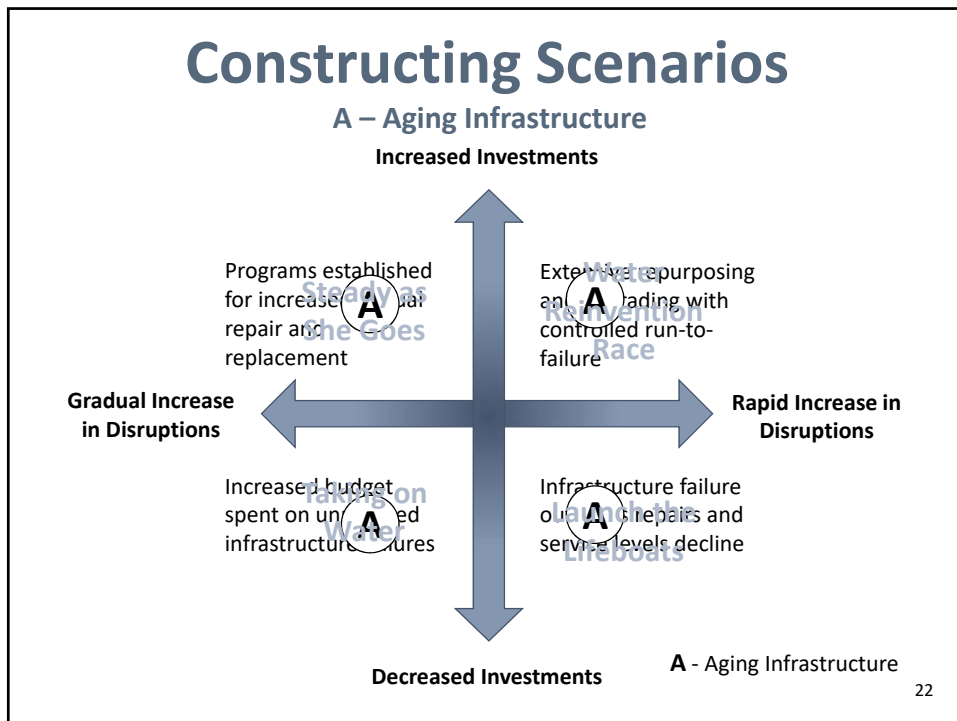
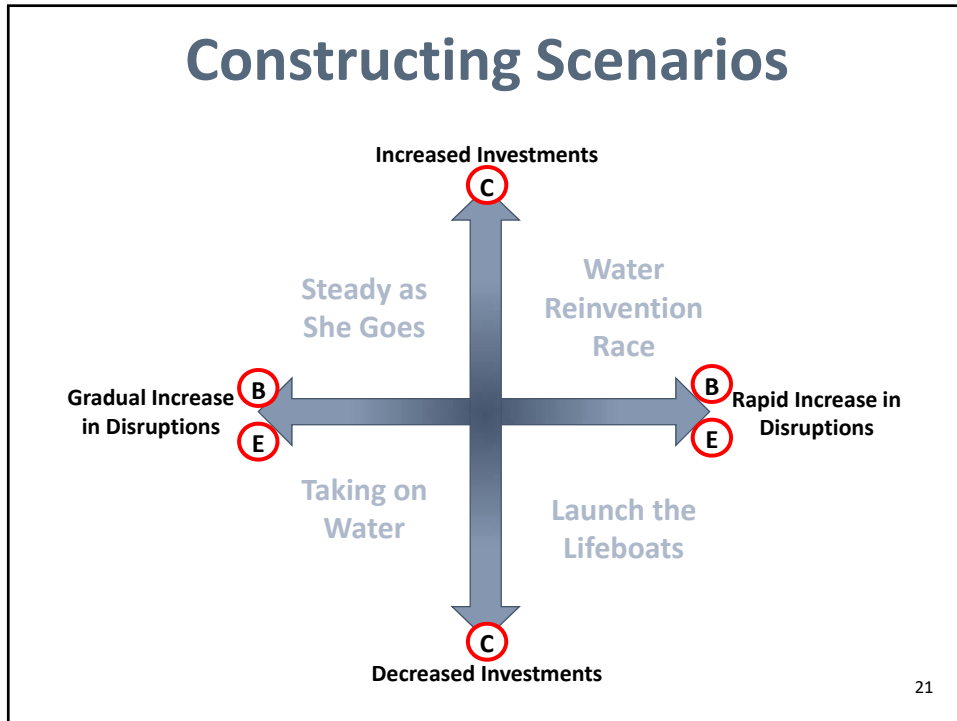
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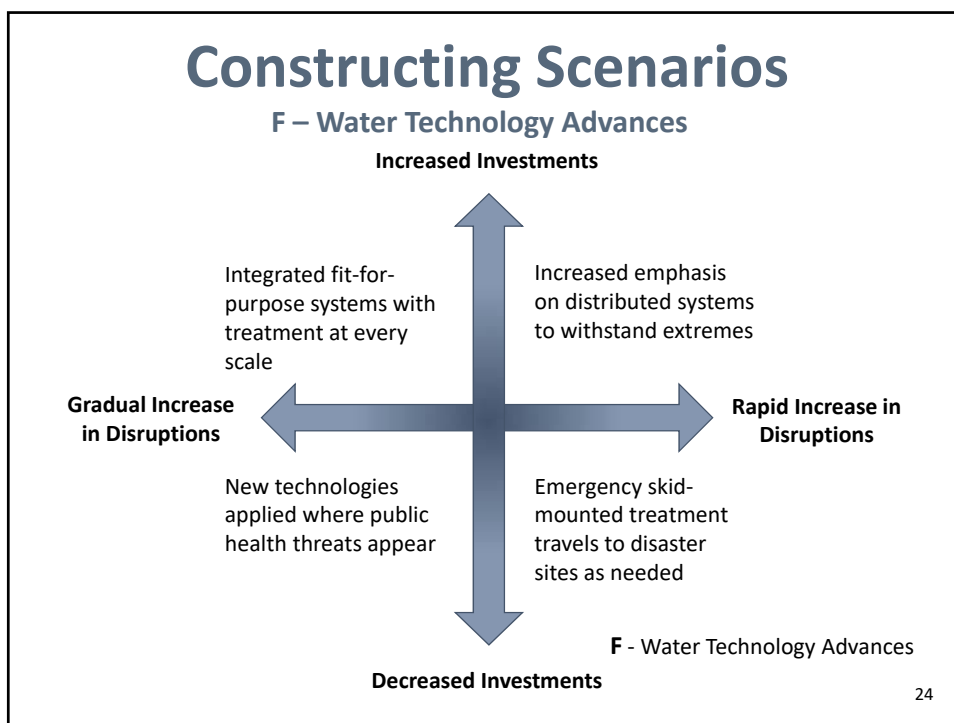
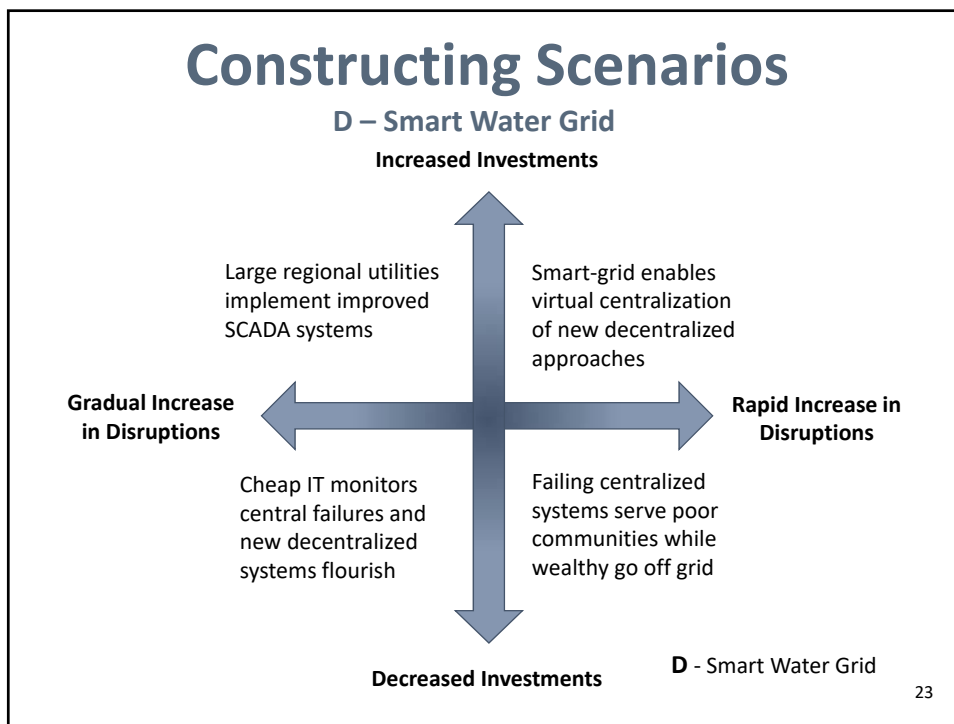
## Scenario Framework WRF Example



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## 2015 IRP RETROSPECTIVE PREVIEW

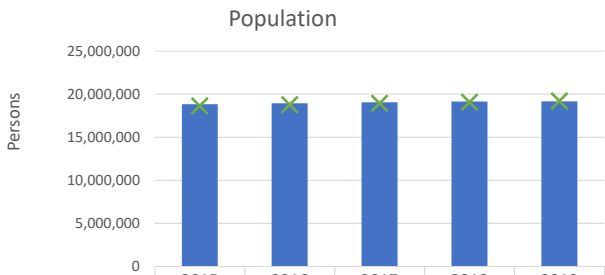
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## Demographic

### 2015 Forecast vs. Actuals

Population



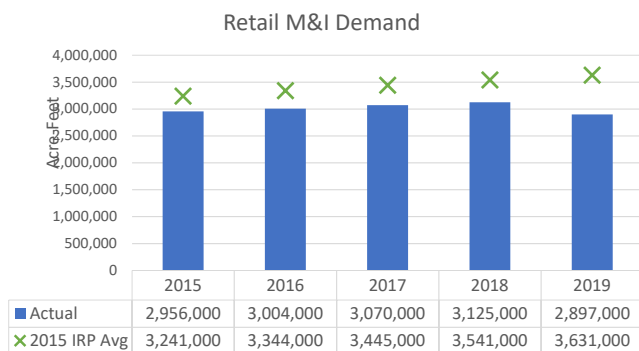
	2015	2016	2017	2018	2019
■ DOF Annual Estimate	18,827,000	18,926,000	19,045,000	19,126,000	19,159,000
✕ 2015 IRP Forecast	18,648,000	18,790,000	18,931,000	19,072,000	19,213,000

Actuals are CA Department of Finance Annual Estimates

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# Demand

2015 IRP Forecast vs. Actual



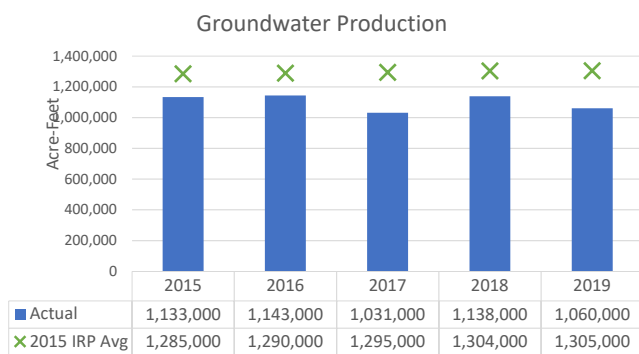
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# Local Supply

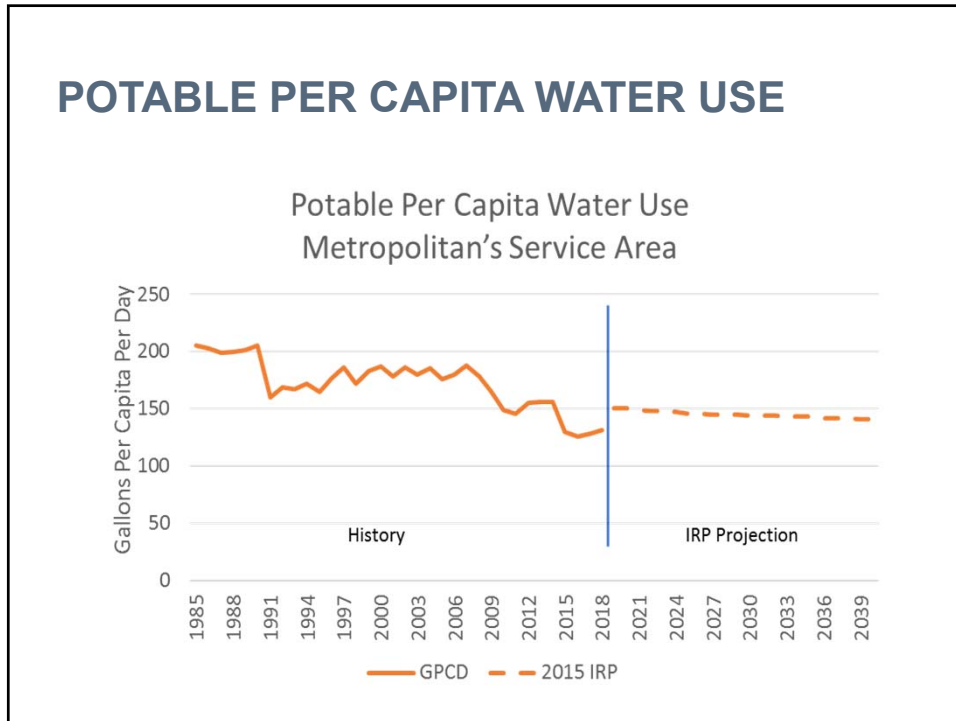
2015 IRP Forecast vs. Actual



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## WHAT'S NEXT

- Survey on drivers
- Qualitative and Quantitative Assessment of Drivers
- Construct Scenarios

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