

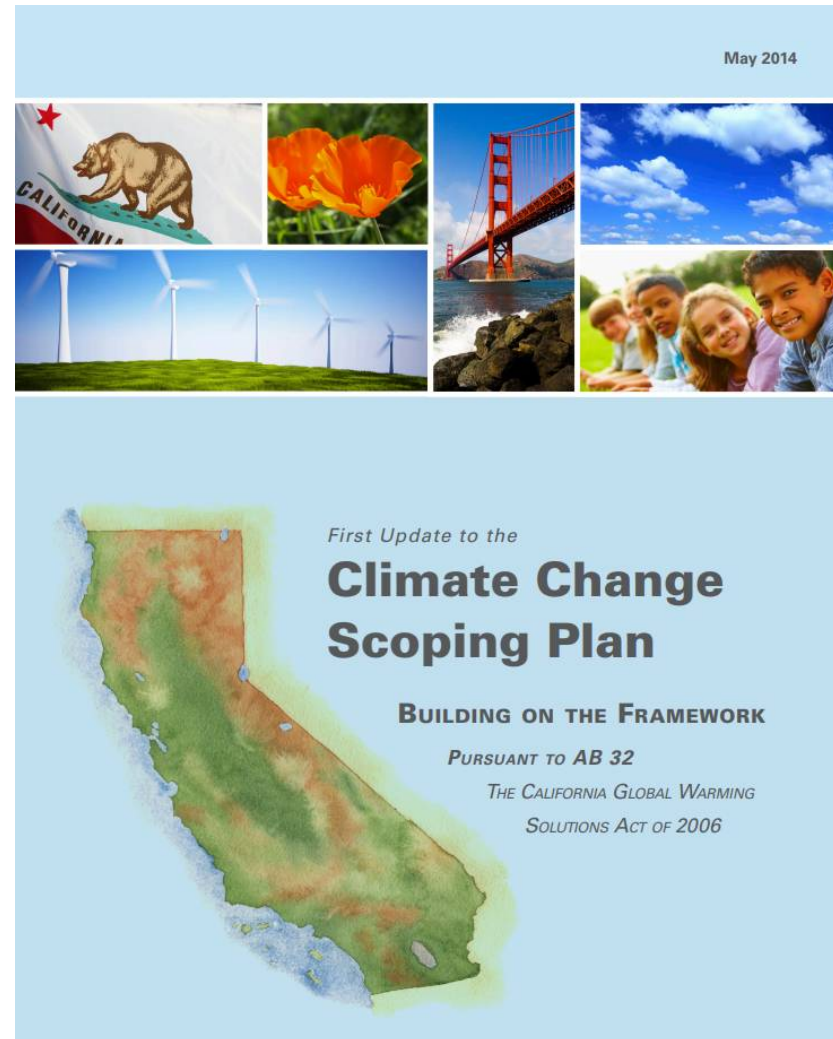


Climate Action Plan

Gordon Ng, P.E.
October 30, 2019

Background

- AB 32 (2006): requires greenhouse gas (GHG) emissions reduced to 80% below 1990 levels by 2050 (interim targets set as: 2000 levels by 2010, 1990 levels by 2020)
- Scoping Plan (2008): California Air Resources Board (ARB) completes required “scoping plan” under AB 32 (updated in 2014)
- SB 32 (2016): sets 2030 GHG emissions target of 40% below 1990 levels
- **A Climate Action Plan (CAP) documents how local governments will support California’s AB 32 targets**



<https://ww3.arb.ca.gov/cc/scopingplan/scopingplan.htm>

Purpose and Benefits of a Climate Action Plan

- Provides method to streamline CEQA process (GHG emissions can be addressed programmatically)

Per §15183.5:

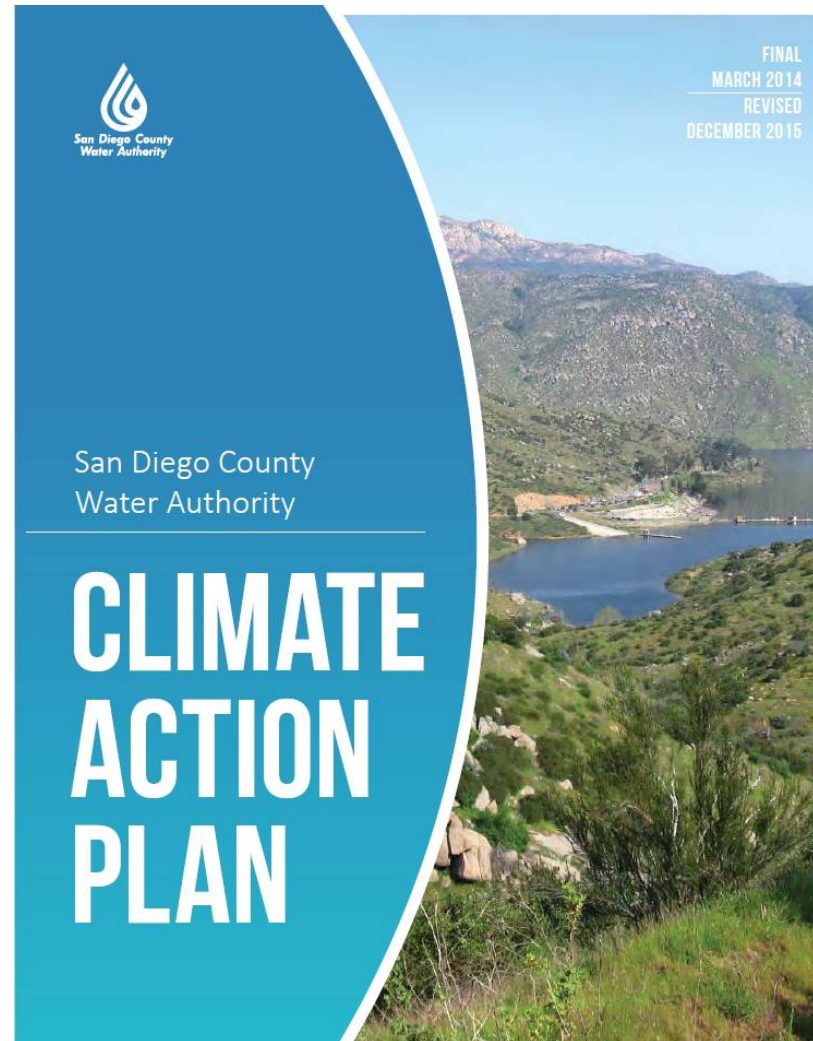
(a) Lead agencies **may analyze and mitigate the significant effects of greenhouse gas emissions at a programmatic level, such as in a general plan, a long range development plan, or a separate plan to reduce greenhouse gas emissions.** Later project-specific environmental documents may tier from and/or incorporate by reference that existing programmatic review...

(b) Public agencies **may choose to analyze and mitigate significant greenhouse gas emissions in a plan for the reduction of greenhouse gas emissions** or similar document...

- Improves EMWD's competitiveness for outside grant funding opportunities and meets requirements of for certain grant solicitations

Other Climate Action Plans

- Metropolitan Water District of Southern California
- Western Riverside Council of Governments
- California Department of Water Resources
- San Diego County Water Authority
- East Bay Municipal Utility District
- Sacramento County Water Agency
- Solano County Water Agency
- Sonoma County Water Agency



Climate Action Plan Requirements

- a) **Quantify greenhouse gas emissions**, both existing and projected over a specified time period, resulting from activities within a defined geographic area;
- b) **Establish a level**, based on substantial evidence, below which the contribution to greenhouse gas emissions from activities covered by the plan would not be cumulatively considerable;
- c) **Identify and analyze the greenhouse gas emissions** resulting from specific actions or categories of actions anticipated within the geographic area;
- d) **Specify measures or a group of measures**, including performance standards, that substantial evidence demonstrates, if implemented on a project-by-project basis, would collectively achieve the specified emissions level;
- e) **Establish a mechanism to monitor the plan's progress** toward achieving the level and to require amendment if the plan is not achieving specified levels; and
- f) **Be adopted in a public process** following environmental review.

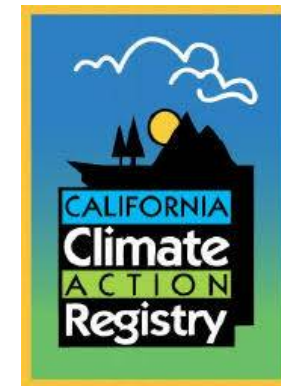
(per §15183.5 (b)(1))

EMWD Actions to Date

- Emissions Reporting
 - California Climate Action Registry (CCAR) from 2006 – 2009 (CCAR ceased accepting reports in 2009)
 - The Climate Registry (TCR) in 2016 (successor to CCAR)
- Energy/sustainability program implementation
 - Electrification of gas engines
 - Conversion of heavy fleet to natural gas power
 - Solar installation
 - Digester gas (biogas) utilization in lieu of natural gas
 - Established rideshare program
- Commitment to CAP development (2019 – 2021 Triennial Strategic Plan)

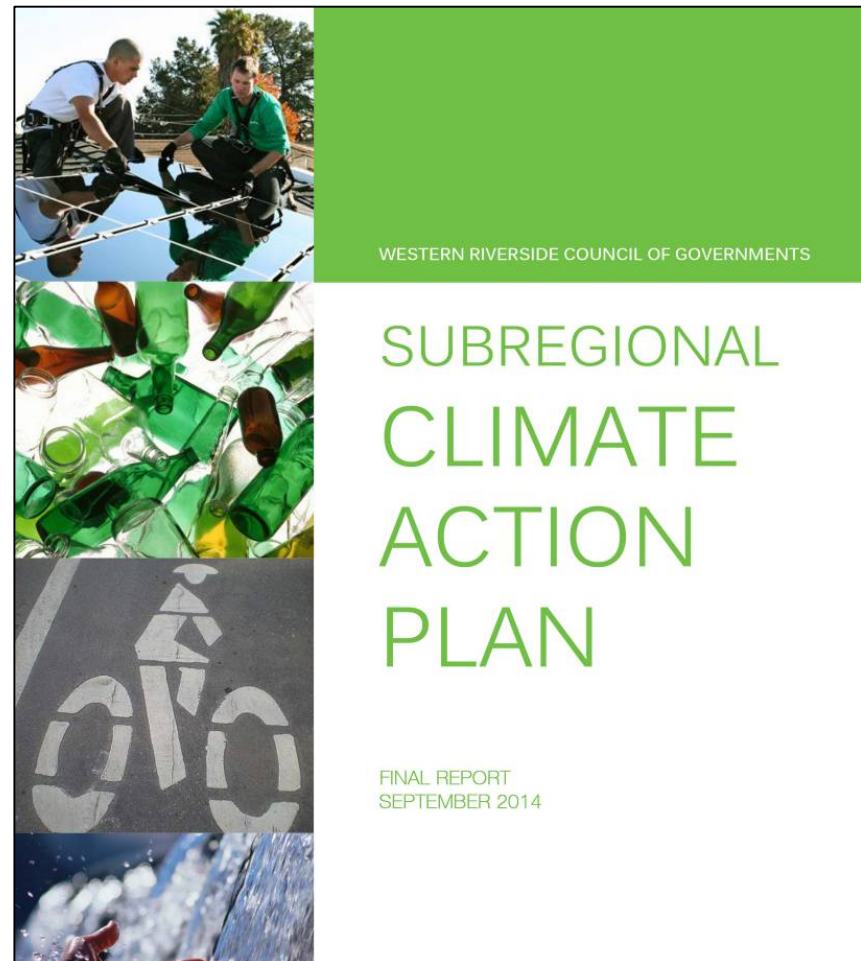


The Climate Registry

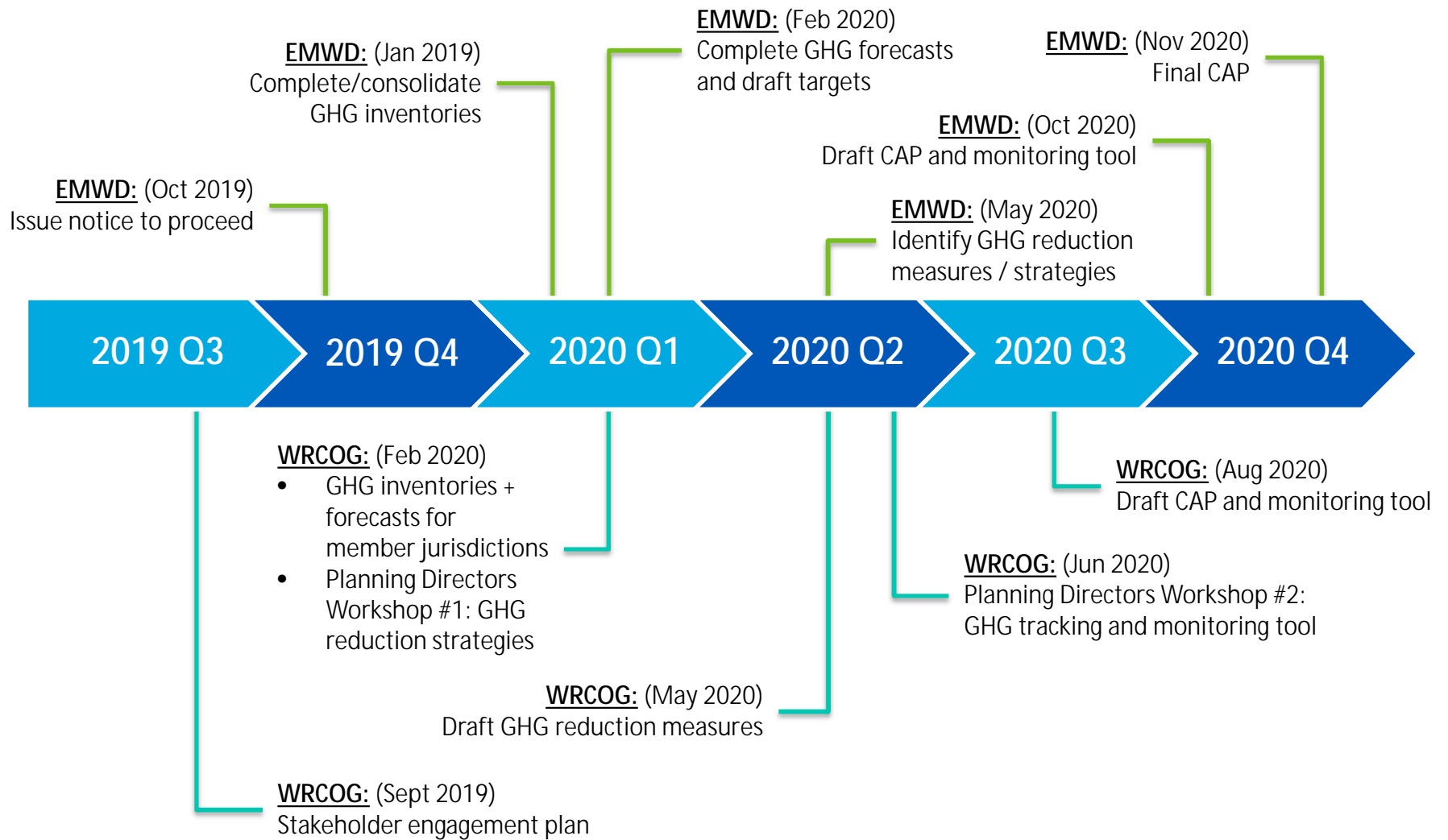


Synergy with WRCOG's Climate Action Plan Update

- WRCOG is developing an update to an existing Climate Action Plan
- WRCOG issued a request for proposals, EMWD staff participated in selection process
- Environmental Science Associates (ESA) selected
- EMWD will be submitting data to WRCOG to support CAP update
- Cost savings/efficiency gains realized by contracting with ESA to complete an EMWD-specific CAP concurrent with WRCOG effort



Schedule



Recommendation

Approve and Authorize an Agreement with Environmental Science Associates (ESA) for the Development of a Climate Action Plan, and Appropriation in the Amount of \$62,590.



Contact Information

Gordon Ng
Civil Engineer II
(951) 928-3777 Ext. 4512

Email: ngg@emwd.org

