

#### **Tracking key State and Federal issues** Mitigation Adaptation Air: AB 32 – Global Warming **CNRA Fourth CA Climate** Solutions Act Change Assessment Scoping Plan Update CEC and CAT Climate Change - GHG Mandatory Reporting Research Plan Cap-and-Trade Program Air: EPA PSD and Title V GHG California @ 50 Million Tailoring Rule & Deferral Rule Energy: - SB 1122 - Bioenergy Projects - AB 1900 - Pipeline Biomethane Solids: California's Climate Future AB 341 – Waste Diversion

#### California's Climate Future: Environmental Goals and Policy Report

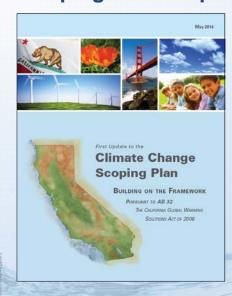
- Discussion draft released September 2013
- Update to Gov Brown's 1978 Urban Strategy for California
- 20-30 year perspective
- Goals and objectives for
  - land use
  - population growth and distribution
  - conservation of natural resources
  - air and water quality

http://opr.ca.gov/docs/EGPR\_ReviewDraft.pdf





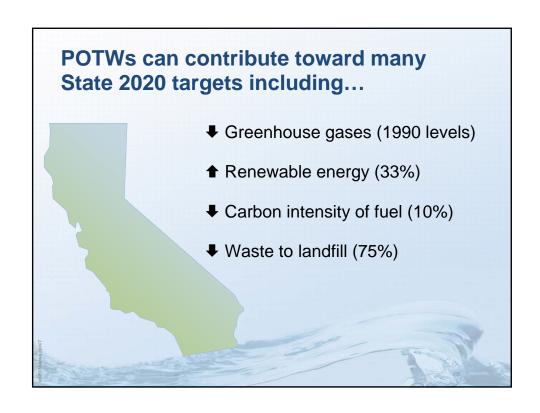
## First Update to the Climate Change Scoping Plan adopted May 22, 2014

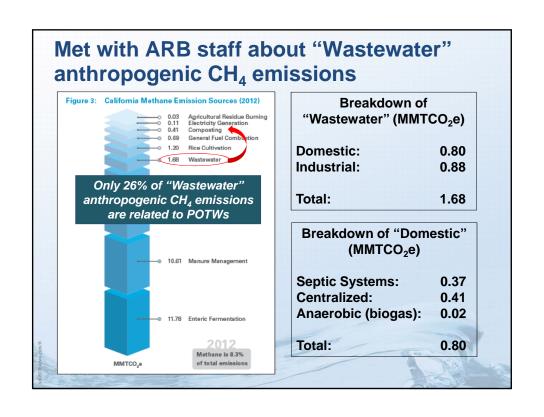


- CA's climate change priorities for next 5 years
- Progress toward meeting 2020 goals
- 9 economic sectors for setting long term (2050) goals:
  - transportation, energy, water, waste management, agriculture, natural and working lands, short-lived climate pollutants, green buildings, and cap-and-trade
- Set an interim target between 2020 and 2050

#### **CWCCG's primary concerns:**

- Progress toward meeting the 2020 GHG emissions reduction target was not quantified
- Setting post 2020 GHG emission reduction targets without knowing progress to date
- Wastewater still shown as 5<sup>th</sup> largest source of anthropogenic methane in CA
- ARB is expanding its GHG monitoring program to examine wastewater treatment plants for fugitive methane emissions over next 5 years





### Also discussed POTWs as a potential underestimated source of CH<sub>4</sub>

- Page 24 states:
  - "ARB is also expanding the program to include flux chambers and controlled tracer release studies to study large area sources such as landfills, wastewater treatment plants, oil and gas extraction fields, natural gas leakage from pipelines, and other fugitive emission sources.."
- ARB Staff stated POTWs are not the primary target believe CH<sub>4</sub> from POTWs is not grossly underestimated
- ARB Staff agreed to draw from POTW experience and studies/data
- CWCCG encouraging the formation of workgroups to establish work plans for review of data and reports
- SIDE: N<sub>2</sub>O is to be looked at by ARB Research Group (Providing studies by K. Chandran Columbia University)

### Federal GHG Regulations for Stationary Sources – Tailoring Rule

- Utility Air Regulatory Group vs EPA GHGs from stationary sources (including biogenic CO<sub>2</sub>)
  - June 23, 2014, Supreme Court ruled:
    - GHGs are an "air pollutant" subject to regulation under CAA
    - GHG emissions alone cannot bring you into PSD and Title V permitting programs
    - If facility is already in a program AND exceeds thresholds, EPA can bring GHGs into the programs
    - Subject to BACT in the PSD program
  - EPA to propose an amended regulation addressing:
    - · Supreme Court ruling
    - Biogenic CO<sub>2</sub> emissions
- EPA to complete scientific analysis on biogenic CO<sub>2</sub> emission sources in summer 2014

http://www.epa.gov/climatechange/Downloads/ghgemissions/Biogenic-CO2-Accounting-Framework-Report-Sept-2011.pdf





# **CNRA 4<sup>th</sup> California Climate Change Assessment – Drafting Scope of Work**

- First three climate change assessments looked at:
  - 2006 impacts to state resources such as water supply, public health, agriculture, coastal areas, forestry, and electricity production and demand
  - 2. 2009 initial estimates of economic impacts, concluded adaptation could reduce economic impacts of loss and damage
  - 2012 vulnerability and adaptation options discussed in 2009 assessment, led to update of 2009 Climate Change Adaptation Strategy >> Safeguarding California: Reducing Climate Risks
  - 4. Goal is to "provide critical additional information to support decisions that will safeguard the people, economy, and resources of California"

#### **CWCCG** is providing specific input on three topics...investigating: Vulnerability to sea level rise Increasing recycled water use Increasing bioenergy production (primarily addressed in CEC's Climate Change Research Plan) CARB AB 32 Governor -Scoping Plan California's CNRA 4th Climate Climate Future: Change Assessment Environmental Goals and Policy **CEC Climate Change** Report Research Plan

