

# Sonoma County 2030 Climate Emergency Mobilization Strategy Framework – **WORKING DRAFT JUNE 2020**

**Goal:** Achieve carbon neutrality in Sonoma County no later than 2030

## **Guiding Principles:**

- 1) Prioritize equitable outcomes that improve quality of life for all
- 2) Connect local priorities to climate action and resilience
- 3) Identify and advocate for the necessary regional and state level policy solutions to enable Sonoma County to meet this goal
- 4) Develop internal communications and coordination structures that can be replicated in counties across California to achieve similar goals

## **Ten-Year Emergency Policy Package**

### **DECARBONIZATION: Target Existing Sources of Greenhouse Gas Emissions**

#### **Countywide Actions (coordinate with cities, County and special districts to determine roles and responsibilities)**

- 1) Zero Organics to Landfill by 2030
  - a. Pass a Construction/Demolition ordinance that requires contractors to meet recycle goals beyond Cal Green– requirement for tracking and reporting
  - b. Zero waste community wide campaign with focus on reuse and reduced consumption
  
- 2) Carbon Neutral Homes Campaign - Develop Zero Emissions Retrofit Strategy to Electrify Existing Buildings by 2030 (including those on propane)
  - a. Date certain, funded, phased retrofit requirement for all existing buildings to transition to all electric
    - i. Publicly funded requirement to retrofit 80% of all existing residential to all energy efficient all electric by 2027
    - ii. Requirement to retrofit 80% of all commercial to energy efficient all electric by 2027
    - iii. Requirement to retrofit all municipal to energy efficient all electric by 2027
  - b. Campaign and goals to transition all municipal, commercial and residential to Evergreen by 2027
    - i. Required commercial shift to Evergreen by 2027
    - ii. Publicly funded requirement for residential shift to Evergreen by 2027
    - iii. Required shift to Evergreen for municipal by 2027

# Sonoma County 2030 Climate Emergency Mobilization Strategy Framework – **WORKING DRAFT JUNE 2020**

- 3) Green New Deal for Housing – Build XX Number of Carbon Free Affordable Homes by 2030
  - a. Advocate for and work with state/feds to develop Green New Deal for Housing
  - b. Advocate for and work with state to push transition through CA energy code updates in 2021 and 2024
  - c. Address local zoning barriers to decrease VMT from new construction
  - d. Ban natural gas for all new construction in Sonoma County
  
- 4) EV Access for All Partnership – Develop regional public/private partnership model to shift 80% of all vehicles in Sonoma County to electric vehicles
  - a. Analysis of Sonoma County unique needs and barriers
    - i. What are the triggers and key barriers to get people to shift from ICE to EV?
    - ii. How much home charging can we incentivize? How much public charging do we need?
    - iii. Be specific about which markets we are targeting and why (e.g. high, middle, low income)
  - b. Work with regional agencies (BAAQMD, NSCAPCD, MTC) to fund a partnership between EV infrastructure, TNC companies and local businesses to develop XX public, home and workplace charging stations in Sonoma County by 2027
  - c. Create accessible EV ownership/lease concierge for low-income, students, seniors; possible public/private partnership
  
- 5) Bikeable Sonoma County Campaign
  - a. Implement network of protected bike lanes connecting to SMART pathway and other Class 1 or Class 4 bike/ped facilities
  - b. Implement recommendations from Vision Zero Action Plan when published in 2022
  - c. Offer express transit between downtowns with micro-mobility hubs at each express bus stop – all with unified branding
  
- 6) Sonoma County VMT Bank – Develop VMT Mitigation Banking Structure for New Development to Fund TDM and VMT reducing projects and programs
  - a. Tie to countywide VMT reduction goals (CTP, SCS)

# Sonoma County 2030 Climate Emergency Mobilization Strategy Framework – **WORKING DRAFT JUNE 2020**

## **CARBON SEQUESTRATION: Significantly increase carbon sinks**

### **Countywide Actions (coordinate with cities, County and special districts to determine roles and responsibilities)**

- 7) Work with Marin and Napa to develop first regional sequestration market to sequester XX GHGs by 2030
  - a. Work directly with Ag and Open Space to continue land conservation work and land use policies (GP, Williamson Act) that result in measurable carbon sequestration
  - b. Work directly with RCDs to support implementation of Carbon Farm Plans (CFP) already developed and work with producers to develop others
  - c. Leverage state money already available to prioritize Ag role in climate change mitigation
  - d. Work with CBOs to analyze potential impact of urban/city sequestration and develop menu of recommendations for cities to implement
- 8) Community education campaign/carbon gardens
  - a. Consumption challenge – partner with CBOs as trusted messengers

## **RESILIENCE: Reduce risk and vulnerability; increase ability to recover**

### **Countywide Actions (coordinate with cities, County and special districts to determine roles and responsibilities)**

- 9) Model micro grid communities – Increase energy grid resilience through micro grid installations
  - a. Focus on critical infrastructure and vulnerable populations first
- 10) Urban Land Institute Resilience Advisory Panel – Implement priority recommendations from panel to reduce economic and environmental impact of future fires and power shut downs
  - a. Address any gaps that the Panel identifies in terms of planning and analysis (e.g. may need to develop countywide adaptation plan)
- 11) Climate in All Policies
  - a. Collectively develop a checklist/criteria/requirements for staff reports that require local Councils and Boards to consider how each policy and planning decision will/will not advance climate goals of Decarbonization, Carbon Sequestration and building Resilience.