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
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)
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.