



## CLIMATE ACTION & ADAPTATION PLAN

### 2030 Climate Action and Adaptation Plan DRAFT Strategy + Measure Framework *As approved by the Yolo County Climate Action Commission on February 26, 2024*

#### **Strategy 1: Decarbonize Transportation**

- Measure 1.1. Electrify County Fleet
- Measure 1.2. Install Electric Vehicle Charging Infrastructure
- Measure 1.3. Encourage Transition to Electric Vehicles
- Measure 1.4. Encourage Transition to Other Zero Emissions Vehicle Technologies

#### **Strategy 2: Reduce Vehicle Miles Traveled**

- Measure 2.1. Reduce Single-Occupancy Vehicle Trips
- Measure 2.2. Encourage Transit-Oriented and Infill Development

#### **Strategy 3: Decarbonize Energy and Buildings and Increase Energy Efficiency**

- Measure 3.1. Increase Energy Efficiency in Buildings
- Measure 3.2. Decarbonize and Electrify Buildings
- Measure 3.3. Increase Renewable Energy Generation and Storage
- Measure 3.4. Procure Zero-Carbon Electricity

#### **Strategy 4: Optimize Water Use**

- Measure 4.1. Reduce Water Consumption
- Measure 4.2. Promote Greywater, Recycled Water, and Stormwater Capture
- Measure 4.3. Conserve and Enhance Natural Water Sources
- Measure 4.4. Encourage Efficient Water Use in Agricultural Operations

#### **Strategy 5: Minimize Waste**

- Measure 5.1. Reduce Landfill Waste
- Measure 5.2. Increase Construction and Demolition Waste Diversion
- Measure 5.3. Reduce Emissions from Waste Management

#### **Strategy 6: Reduce Offroad Equipment Emissions**

- Measure 6.1. Increase Electric and Zero Emission Offroad and Landscaping Equipment Adoption
- Measure 6.2. Decarbonize Agricultural Equipment

### **Strategy 7: Support Climate-Smart Agriculture**

Measure 7.1. Reduce Use of Chemical Inputs

Measure 7.2. Support Agricultural Innovation that Promotes Resilience

Measure 7.3. Reduce Methane Emissions

### **Strategy 8: Sequester and Store Carbon in Natural and Working Lands**

Measure 8.1. Encourage Climate Smart Practices in Working Lands

Measure 8.2. Restore Natural Lands

Measure 8.3. Promote Stewardship within Natural Lands

Measure 8.4. Conserve Natural and Working Lands

### **Strategy 9: Reduce Carbon Footprint of Consumption and Production**

Measure 9.1. Provide Responsible Consumption Guidance

Measure 9.2. Develop Neighborhood Carpool Program

Measure 9.3. Encourage Personal Water Efficiency

Measure 9.4. Support Carbon Neutral Travel

Measure 9.5. Increase Consumption and Production of Local Agricultural Products

Measure 9.6. Require Environmentally Responsible Purchasing

### **Strategy 10: Build Resilient Infrastructure and Healthy Communities**

Measure 10.1. Create Resilience Centers

Measure 10.2. Increase Neighborhood Response

Measure 10.3. Prepare Vulnerable Communities

Measure 10.4. Improve Equitable Distribution of Resources

Measure 10.5. Minimize Hazard Exposure

Measure 10.6. Minimize Workplace Hazard Exposure

Measure 10.7. Reduce Urban Heat Island Effect

Measure 10.8. Prioritize Sustainable Economic Development