

# Monterey County

Sequestration Workshop

9.22.22

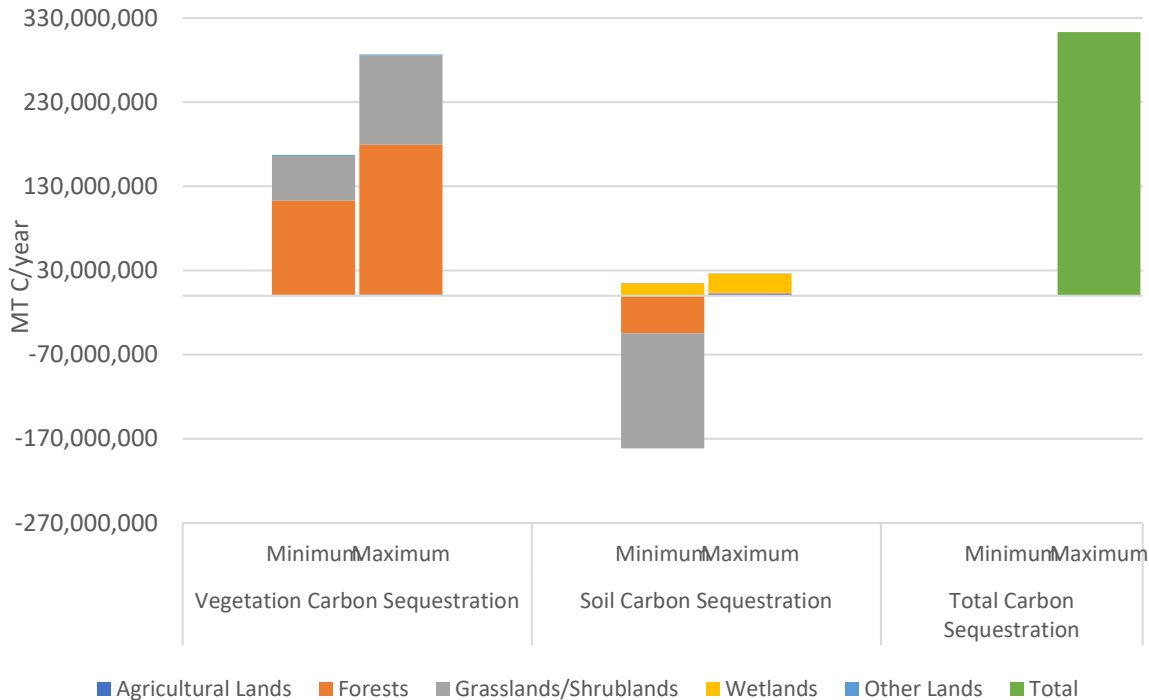
# What is a Climate Action Plan and Why is the County Developing one?

- A plan that comprehensively considers and selects strategies for reducing the emissions in line with state targets through community engagement.
- Required by the County's General Plan as a mitigation measure
- Allows consideration of co-benefits and tradeoffs and puts the County in a position to lead on green jobs.



# Carbon Sequestration

(Refers to carbon sequestered on county lands on an annual basis)



# 2019 GHG Emissions – Unincorporated

Included Sectors	GHG Emissions (MTCO <sub>2</sub> e)	Percent of Total
Agriculture	266,917	24
On-Road Transportation (Interim)	479,174	44
Nonresidential Building Energy	170,639	16
Residential Building Energy	81,750	7
Solid Waste	69,724	6
Off-Road Vehicles and Equipment	17,616	2
Wastewater Treatment	15,586	1
Water Supply*	0	0
<b>Total</b>	<b>1,101,405</b>	<b>100</b>

\*Water supply emissions are included in building energy sectors based on available data

# Strategy Brainstorm

- Apply compost on rangelands
- Implement Prescribed Grazing
- Promote Resources through Partnerships
- Lower Cost of Rental Land
- Test Fields
- Improve Resilience to Floods
- Oak Tree Planting
- Preserve Rangelands
- Improve Resilience to drought and flood

**End of Deck**

# Agricultural Inventories in Other Counties- updated 7/25/2022

County	Total Inventory (MTCO <sub>2</sub> e)	Agricultural Inventory (MTCO <sub>2</sub> e)	Agriculture as Percent of Total
Monterey	1,101,405	266,917	24%
Napa	484,283	52,198	11%
San Diego	3,211,505	163,696	5%
Ventura	1,939,238	260,849	13.5%