SCTCA
Sonoma County
Transportation and Climate
Authorities

Climate Action Advisory Committee
MEETING AGENDA
July 10, 2026, at 11:30 a.m.

Primary Physical Meeting Location:
Sonoma County Transportation Authority - Board Room
411 King Street, Santa Rosa, 95404

Virtual Participation:
Members of the public may also participate in the meeting virtually through the following link.
https://us02web.zoom.us/j/82973540088?pwd=5CS4TbaTkTHSjQ5gxvyWJsb3JP8Jnv.1
Meeting ID: 829 7354 0088 Passcode: 968466

ITEM

1. **Introductions**
2. **Public Comment**
3. **Administrative** SCTCA Staff

   3.1. Approval of the May 8th, 2026 meeting notes **(ACTION)***
4. **Report-out from CAAC members by jurisdiction (DISCUSSION)** Committee Members
   - Opportunity for each committee member to share activities within their jurisdiction.
5. **Greenhouse Gas Inventory Update 2024 (REPORT)*** Tanya Narath, SCTCA
   - Receive an update on the draft Greenhouse Gas Inventory Update for 2024.
6. **BayREN Update (REPORT)*** Anna Oliva, SCTCA
   - Receive an update on the Bay Area Regional Energy Network programs and activities.
7. **Sonoma Climate Mobilization Strategy (REPORT)*** Tanya Narath, SCTCA
   - Receive an informational briefing on the update to the Sonoma Climate Mobilization Strategy and provide feedback.
8. **Update on other SCTCA Climate Change Activities (REPORT)*** SCTCA Staff
   - Staff will give an update on other climate-related activities.
     - Climate Change Activities Reports for reference linked here: May and June 2026
9. **Announcements**
10. **Adjourn**

*Materials attached.
**Materials to be handed out.

The next **CAAC** meeting will be held **September 11, 2026**

DISABLED ACCOMMODATION: If you have a disability that requires the agenda materials to be in an alternate format or that requires an interpreter or other person to assist you while attending this meeting, please contact SCTA at least 72 hours prior to the meeting to ensure arrangements for accommodation.

SB 343 DOCUMENTS RELATED TO OPEN SESSION AGENDAS: Materials related to an item on this agenda submitted to the ***Climate Action Advisory Committee*** after distribution of the agenda packet are available for public inspection in the Sonoma County Transportation Authority office at 411 King Street, Santa Rosa, CA 95404 during normal business hours.

Pagers, cellular telephones and all other communication devices should be turned off during the committee meeting to avoid electrical interference with the sound recording system.

Climate Action Advisory Committee Meeting Dates	
TIME	**11:30a.m.**
JAN	01/16/26
FEB	**None**
MAR	03/13/26
APR	**None**
MAY	05/8/26
JUN	**None**
JUL	07/10/26
AUG	**None**
SEP	09/11/26
OCT	**None**
NOV	11/13/26
DEC	**None**

Member Attendance –2024/25

✓ - Committee member in attendance

* - Committee member informed SCTCA staff of absence

Jurisdiction	Committee member	7/11/ 2025	9/12 2025	11/14 2025	1/16 2026	3/13/ 2026	05/08/ 2026
Cloverdale	Jane Elias						
	Kristin Morrison						
Cotati	Neil Hancock	✓	✓	✓		✓	✓
	Ryan Martin-Dent				✓	✓	
Healdsburg	Emily Virgil	✓	✓		✓		
	Stephanie Turk	✓		✓		✓	
Petaluma	Andy Shrader			✓	✓	✓	✓
	Pete Gang	✓		✓	✓	✓	✓
Rohnert Park	Shirley Johnson	✓		✓	✓		✓
	Steve Keith		✓	✓	✓	✓	✓
Santa Rosa	Chris Grabill (as of 5/8/26)						✓
	Andres Correa (as of 5/8/26)						
Sebastopol	Zeno Swijtink			✓	✓	✓	
	Josho Somine						
Sonoma	Matt Metzler						
	David Leland	✓		✓	✓	✓	✓
Town of Windsor	Michelle Gervais						
	Christopher Peck	✓	✓		✓		
County of Sonoma (Coursey)	Tom Conlon	✓	✓	✓	✓	✓	✓
	Tyler Silvy	✓		✓	✓	✓	
County of Sonoma (Rabbitt)	Jake Mackenzie	✓	✓	✓	✓	✓	
	Vacant						
County of Sonoma (Hopkins)	Nick Thayer	✓		✓	✓	✓	✓
	June Brashares	✓			✓		✓

SCTCA
Sonoma County Transportation and Climate Authorities

CLIMATE ACTION ADVISORY COMMITTEE MEETING NOTES

Meeting Notes of May 8, 2026

You can view the entire video recording of this meeting by clicking this link.

ITEM

1. Introductions

Meeting called to order at 11:33 A.M. by Tom Conlon, Chair.

Committee Members' Present:

Representative	Jurisdiction	In Room	Via Zoom
Andres Correa	*Santa Rosa*		
David Leland	*City-Sonoma*	✓	
Jane Elias	*Cloverdale*		
Neil Hancock	*Cotati*	✓	
Ryan Martin Dent	*Cotati*		
Jake Mackenzie	*Dist. 2*		
Tom Conlon	*Dist. 3*	✓	
Tyler Silvy	*Dist. 3*		
June Brashares	*Dist. 5*	✓	
Nick Thayer	*Dist. 5*		✓
Emily Virgil	*Healdsburg*		
Stephanie Turk	*Healdsburg*		
Andy Shrader	*Petaluma*	✓	
Pete Gang	*Petaluma*		✓
Shirley Johnson	*Rohnert Park*	✓	
Steve Keith	*Rohnert Park*	✓	
Chris Grabill	*Santa Rosa*	✓	
Josho Somine	*Sebastopol*		
Zeno Swijtink	*Sebastopol*		
Christopher Peck	*Windsor*		
Cory Lucas	*Windsor*		

Staff: Tanya Narath, Anna Oliva, Ross Clendenen, BC Capps, Chris Barney

Members of the Public: Al Wellman, Maurine Bentley, Woody Hastings, Jenny Baker (via Zoom), John Bly (via Zoom).

2. Public Comment

No comments in person or online.

3. Administrative

3.1 Approval of the March 13, 2026, meeting notes – (ACTION)

- Andy Shrader would like the minutes to reflect that he was present for March 13, 2026, meeting.

A motion was made to approve March 13, 2026, minutes with an amendment, Neil Hancock seconded. The committee approved the motion as follows:

Ayes: David Leland, Neil Hancock, Tom Conlon, June Brashares, Nick Thayer, Andy Shrader, Pete Gang, Shirley Johnson, Steve Keith.

No: none

Abstention: Shirley Johnson, Chris Grabill

4. Report out from CAAC members by jurisdiction (DISCUSSION)

This report can be viewed here in the video.

- *Steve Keith, Rohnert Park*, shared that the city is continuing to install solar panels at the library and is on schedule.
- *Shirley Johnson, Rohnert Park*, attended the zero-waste symposium at SOMO Village and it was really good, and she learned that a

new composting facility is coming to the airport area.

- *Andy Shrader, Petaluma*, shared that Petaluma will be presenting their collaborative messaging campaign at the Climate Action Commission. The green business cohort will be celebrating those who have completed their green business certification. They have a book reading on May 19th for the book, Compassion and Crisis: Building Disaster Resilient Communities, at Copperfield's, and there is a rethink consumption workshop on May 27th at 6:00 p.m. at Porches.
- *Neil Hancock, Cotati,* shared that Cotati has a roundabout progressing and they are working on promoting pedestrian safety for the area.
- *David Leland, City of Sonoma,* shared some legislation he came across, you can view his report here in the video. SB913, integrating clean energy into the power grid; SB1282 which allows the energy commission to compel new cars to have bidirectional charging capabilities. SB868, which is about balcony solar.
- *Tom Conlon, Dist. 3*, shared that the City of Sonoma has a lot going on, you can view the report here in the video. They have a new City Manager, Cristine Alilovich and a new half-time Sustainability Coordinator overseeing the Climate Action Commission and they have a new community Engagement and Outreach position for the commission. They have a new Parks Director, there is a lot of new action on traffic calming, and they recently completed a tree inventory and canopy study.
- *Nick Thayer, Dist. 5,* shared there was a pedestrian fatality by hit-and-run in Guerneville last week. They need safe pedestrian infrastructure and public transit.
- *Public Comment: Woody Hasitngs*, commented on the climate bills shared by David Leland. He wanted to let people know that they can go to the Climate Center website, look for the bill tracker, if you click on the bills and it will send a support letter to your representative.

5. Gas Station Ban Update (INFORMATION)

BC Capps gave an update on the gas station bans around Sonoma County and the recent public hearings and study sessions held; you can view the report and following discussion here in the video. A subject identified and linked to this issue is retail tax sales and a jurisdictions ability to pay for city services.

- Chris Grabill asked about the relation between SCTCA and some of the municipalities and their own bans, policies, whatever their jurisdictional limitations are. Mr. Capps explained, which can be viewed here, that the SCTCA Board of Directors are made up of elected officials from each of the cities and three members of the County Board of Supervisors. All the actions taken by our Board are advisory and recommendations are given to the city councils and the County who then make their final decisions.
- Nick Thayer had several questions regarding the Town of Windsor and Costco, you can view his full statements here. Questions included: why is Windsor considering repealing the ban to bring in Costco, would it be possible to work with Costco (or other retailer) to sweeten the deal to get them to agree to not put in a gas station, and what relationship is there between the current budget crisis and a new store? Mr. Capps answered the questions without speculating

on Costco's business intentions, and his response can be viewed here in the video.
- June Brashares noted that having the recommendations from SCTCA, although advisory, has been helpful to cities. She also appreciates having access to staff who can answer questions for city staff.
- Chris Grabill shared that since the post-pandemic boom, the retailer that has consistent sales tax revenue and gross revenue in general has been Costco. The sales tax revenue would be huge for a town the size of Windsor and they tend to pay higher wages than other similar retailers in the area, additionally it is affordable for shoppers.

Public Comment:

Jenny Blaker viz Zoom, you can view her comments here, shared that there has been a lot of resistance to a new Costco with an expanded gas station in the Novato area and she also shared information she gathered on the Costco business model.

Woody Hastings, commented that the model ordinance shared with Cities in 2021 is sound, there is nothing wrong with it; you can view his full comment here.

6. BayREN Update (INFORMATION)

Anna Oliva gave an overview of BayREN and presented an update on the various programs; her presentation can be viewed here in the video. Ms. Oliva shared that SCTCA will be bringing an informational presentation to the Board of Directors to provide an overview of the current landscape for reach codes and what different jurisdictions throughout the Bay Area are doing to address this after AB130. The Ease Home Program, presented here, just completed its first year, had 107 completed projects, 18 new completed projects since April, 20 scheduled sit visits, and 18 of those are moving forward to sign their participation agreement.

- Andy Shrader asked if BayREN provides any guidance on removing gas pipelines, when removing gas appliances from a house. Ms. Oliva explained that this is a conversation an energy adviser would have with a homeowner in the program, her full explanation can be viewed here.

Ms. Oliva also noted that the current funding cycle for BayREN ends at the end of 2027 and SCTCA just submitted a new business plan that will go through 2028 for a new cycle.

Ms. Oliva announced some upcoming events:

- *May 20th*, BayREN will be hosting an induction demonstration at the Sonoma Clean Power Customer Service Center from 4-6 PM and it is open to the general public, view more information about this event here in the video.
- *May 19-20*, BayREN is hosting a two-day training for licensed realtors, it is the National Association of Realtors Green Designation Training and will be held at North Coast Builders Exchange.
- *June 11th,* also for realtors, is an opportunity to go on a home tour of a home that has been fully electrified, has solar and battery, and has some upgrades.

Please reach out to Ms. Oliva if you would like her to present to your jurisdictions or to partner on any outreach.

- Nick Thayer asked about the ability for home buyers or sellers who want to work on their home energy score, if they can use the BayREN program for this. Ms. Oliva suggested this is a great first step to meet with an energy assessor. Visit the SCTCA website, BayREN program and select a home energy assessor.
- June Brashares asked if the Rising Sun program is a contract or hosted by BayREN

and how one can sign up for it. She also asked if there are any outreach or equity goals for the program this year. Ms. Oliva explanation can be viewed here in the video and she said it is a partnership with BayREN offered through SCTCA. Youth will be located at an office location in Santa Rosa from June to August, and you do not need to go to an event to sign up. Right now, they are specifically trying to serve seniors and bilingual households.

7. Sonoma Climate Mobilization Strategy (INFORMATION)

Tanya Narath presented an update on the Sonoma Climate Mobilization Strategy. This presentation and following discussion can be viewed here in the video.

- Andy Shrader commented, which can be viewed here in the video, that there tension because City Councils have voted to be carbon neutral by 2030 and the consultant has come back with 2050, which is ignoring the goals set by local jurisdictions. He would like to know how this might be addressed. Ms. Narath said the consultants are trying to present an action plan they believe cities have the resources to implement, you can view the full comments here in the video.

Public Comment: Maurine Bentley, wanted to support the committee and encourage keeping their message about standards and goals high, you can view the full comment here.

8. Update on other SCTCA Climate Change Activities (INFORMATION)

BC Capps gave an update on SCTCA climate change activities, you can view the full report here in the video. Mr. Capps noted that Sonoma Clean Power has an announcement of additional incentive funding that will become available as of June 1, 2026 for the installation of heat pump water heaters.

There were no public comments.

9. Announcements

- May 23rd at 11:00 AM the Arts and Ecology Center is having a tour of the solar installation on their parking lot and storage; they have a microgrid. You can go to their website at oaec.org for questions or if you have accessibility needs.
- Tom Conlon thanked staff for including legislative information in the CAAC packet that is typically given to the Board, he found it helpful.
- Andy Shrader shared a bill, AB2112 by Assembly Member Baines, setting composting requirements for the state and said it may impact agriculture.
- Tom Conlon shared that Resilient 37 conducted a survey of users of the existing roadway between Vallejo and Novato about what they would do if a toll was imposed. 55% said they would seek/consider seeking an alternate route. Tom Conlon thinks Sonoma County should make note of this.

10. Adjourn

Tom Conlon adjourned the committee at 1:07 P.M.

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Staff Report

To: RCPA Climate Action Advisory Committee Meeting Date: 7/10/26

From: Tanya Narath, Chief Deputy Executive Director Item Number: 5.0

Subject: Draft Sonoma County Greenhouse Gas Inventory – 2024 Update

Consent Item: ☐ Regular Item: ☒ | Action Item: ☐ Report: ☒

Agenda Item Description

Receive a briefing on the Draft Sonoma County Greenhouse Gas Inventory – 2024 Update Report and provide feedback to staff.

Recommendation

Provide feedback to staff on the Draft Sonoma County Greenhouse Gas Inventory – 2024 Update Report.

Alternatives Considered

None.

Advisory Committee Recommendation

None.

Executive Summary

SCTCA published its first inventory of greenhouse gas emissions for the year 2010 with the release of Climate Action 2020 and Beyond in 2016. This effort also produced a backcast of 1990 data to be used for long-term comparison. This year SCTCA is publishing its sixth inventory of countywide greenhouse gas (GHG) emissions with updated data for 2024 that shows a 22.7 percent reduction from 1990 emission levels and an 8.9 percent reduction from 2022.

The latest analysis shows that emissions have returned to a downward trend after an increase in 2022 following COVID-19, with all sectors showing dramatic decreases from 1990 levels except for transportation emissions. Unfortunately, even with these sustained emission reductions, prospects for reaching countywide carbon neutrality by 2030 are increasingly improbable and this goal may need to be reassessed as part of the Sonoma Climate Mobilization Strategy update process currently underway.

Policy Impacts / Nexus to Agency Goals

The Sonoma Climate Mobilization Strategy is the framework SCTCA has been using to coordinate countywide climate action over the past five years. The Strategy sets a target of carbon neutrality by 2030 and outlines 13 countywide strategies focused on high-impact measures to reduce greenhouse gas emissions and increase carbon sequestration.

SCTCA's role in implementing the Climate Mobilization Strategy is to coordinate with local jurisdictions and partner agencies to assist with policy development and implementation for those areas that provide the most significant impact on reducing emissions.

Financial Implications

Is there a fiscal impact?	No
Is there funding in the current budget?	Yes
The funding source(s) to be used are:	RCPA operational funding.

Background

Sonoma County is committed to measuring, tracking, and reporting our greenhouse gas (GHG) emissions to communicate progress and focus our emission-reduction activities on reaching carbon neutrality. While our ambitious goals consider the critical role that both regional and state entities play, this inventory reflects the emissions sources that can be reduced through the actions of local governments and countywide entities.

To this end, the Sonoma County Transportation and Climate Authorities (SCTCA) established a baseline countywide inventory for 2010 and a backcast inventory for 1990 as part of the Climate Action 2020 and Beyond (CA2020) development process. Since then, the inventory has been updated at approximately two-year intervals--with new data added for 2015, 2018, 2020, 2022, and 2024.

SCTCA completes these inventory updates to help track progress toward achieving our short and long-term emissions reduction goals. With the adoption of the Sonoma Climate Mobilization Strategy in March 2021, SCTCA set a new goal for Sonoma County to achieve carbon neutrality by 2030. This is even more ambitious than the previous goal of reaching 40 percent below 1990 levels by 2030 and will take significant effort.

<u>Key Findings</u>

- Sonoma County emissions in 2024 were 3.05 million metric tons of CO2e (MTCO2e), which is an 8.9 percent reduction from 2022 emissions of 3.34 million MTCO2e. Additionally, emissions have returned to a downward trend after an increase in 2022 following COVID-19. All sectors show dramatic decreases from 1990 levels except for transportation emissions. Unfortunately, even with sustained emission reductions, prospects for reaching countywide carbon neutrality by 2030 are increasingly improbable and this goal may need to be reassessed as part of the Sonoma Climate Mobilization Strategy update currently underway.
- Building Energy emissions are 10 percent lower than in 2022 and 48.4 percent lower than in 1990. Generation of electricity from natural gas has been driven down statewide by increases in utility-scale solar generation and battery storage capacity. Also, residential electricity demands are lowered due to installation of solar PV systems with battery storage, allowing owners to use daytime PV production into the evening time-of-use periods. But despite these advances, California's peak electricity

demand is projected to rise by roughly half by 2045, driven by increases in electric vehicles, data centers, and building electrification. Continuing to invest in renewable energy sources will be critical to reducing emissions from this expected new load growth.

- Transportation emissions are 3.3 percent lower than in 2022 but 8.6 percent higher than in 1990. Countywide vehicle miles travelled (VMT) is lower than 2022 but still much higher than in 1990. Gasoline-powered vehicles have continued to become more efficient over the years, thus leading to emissions reductions. Again, continuing to invest in renewable energy sources will be critical to reducing emissions from this additional electricity use.
- Solid Waste emissions are 0.9 percent higher than in 2022 but 53.4 percent lower than in 1990. The higher emissions are due to the fact that solid waste collection amounts were up just slightly compared with 2022 values. These current waste collection amounts are dramatically decreased compared to 1990 levels. Unfortunately, increased diversion of organic material into the compost stream to lower methane emissions has been slower than expected and is not expected to meet SB 1383 goals.
- Water-Related emissions are 1.7 percent lower than in 2022 and 69.4 percent lower than in 1990, with water use efficiency programs continuing to lower overall water demand. Additionally, water pumping and wastewater treatment increasingly rely on 100 percent renewable energy which further lowers emissions. Looking toward the future, increased energy-related improvements may be available through improved operations at the wastewater treatment plants located throughout Sonoma County.
- Agriculture Emissions are 39.6 percent lower than in 2022 and 39.9 percent lower than in 1990. These numbers offer a mixed message though, as reduced acreage for crop production has resulted in lowered fertilizer use and emissions and reduced livestock counts have led to lowered emissions from manure management and enteric fermentation. Responding to the recent declines in agricultural acreage and product values, the County of Sonoma is working to support the local agricultural industry amid mounting economic and environmental pressures, formally declaring agriculture and working lands as critical infrastructure that is essential to the county's future.

The 2024 GHG Inventory report contains more details on each inventory sector and for each jurisdiction. Additionally, staff will update the online GHG Inventory Dashboard with 2024 inventory data and will create a page on our website to highlight the latest results.

Supporting Documents

A. Draft Sonoma County Greenhouse Gas Inventory – 2024 Update Report

B. Sonoma County Greenhouse Gas Inventory – 2024 Presentation

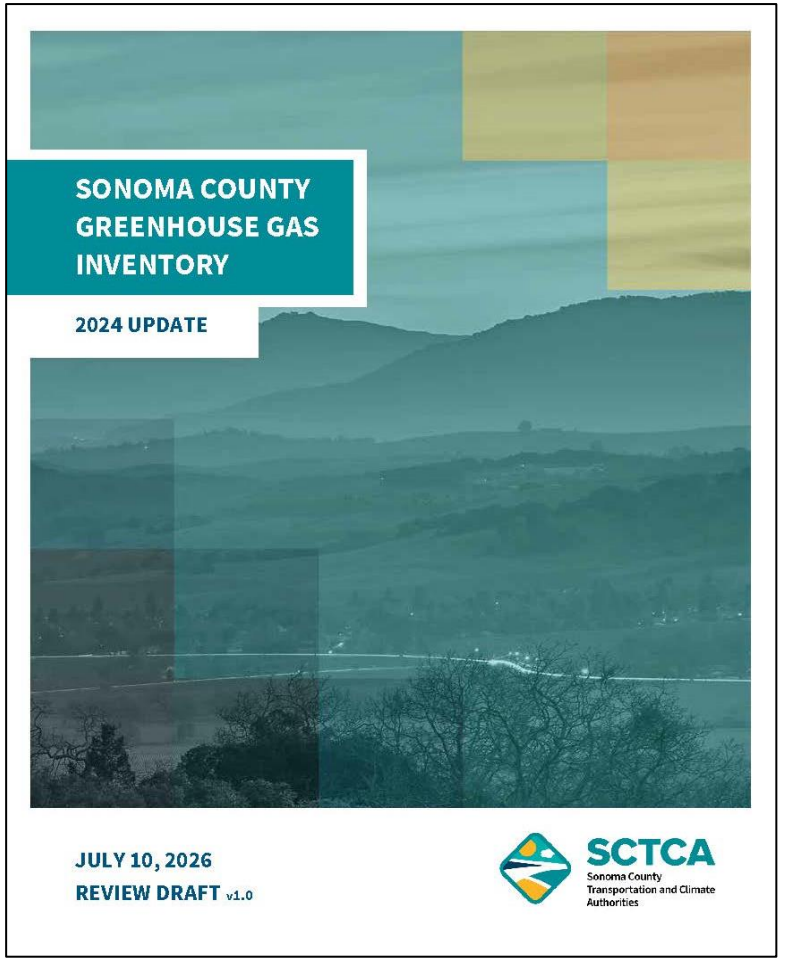
Sonoma Countywide
Greenhouse Gas Inventory - 2024 Update

Climate Action Advisory Committee
July 10, 2026

Tanya Narath, Chief Deputy Executive Director
Sonoma County Transportation and Climate Authorities

GHG Inventory Overview – 2024 Update

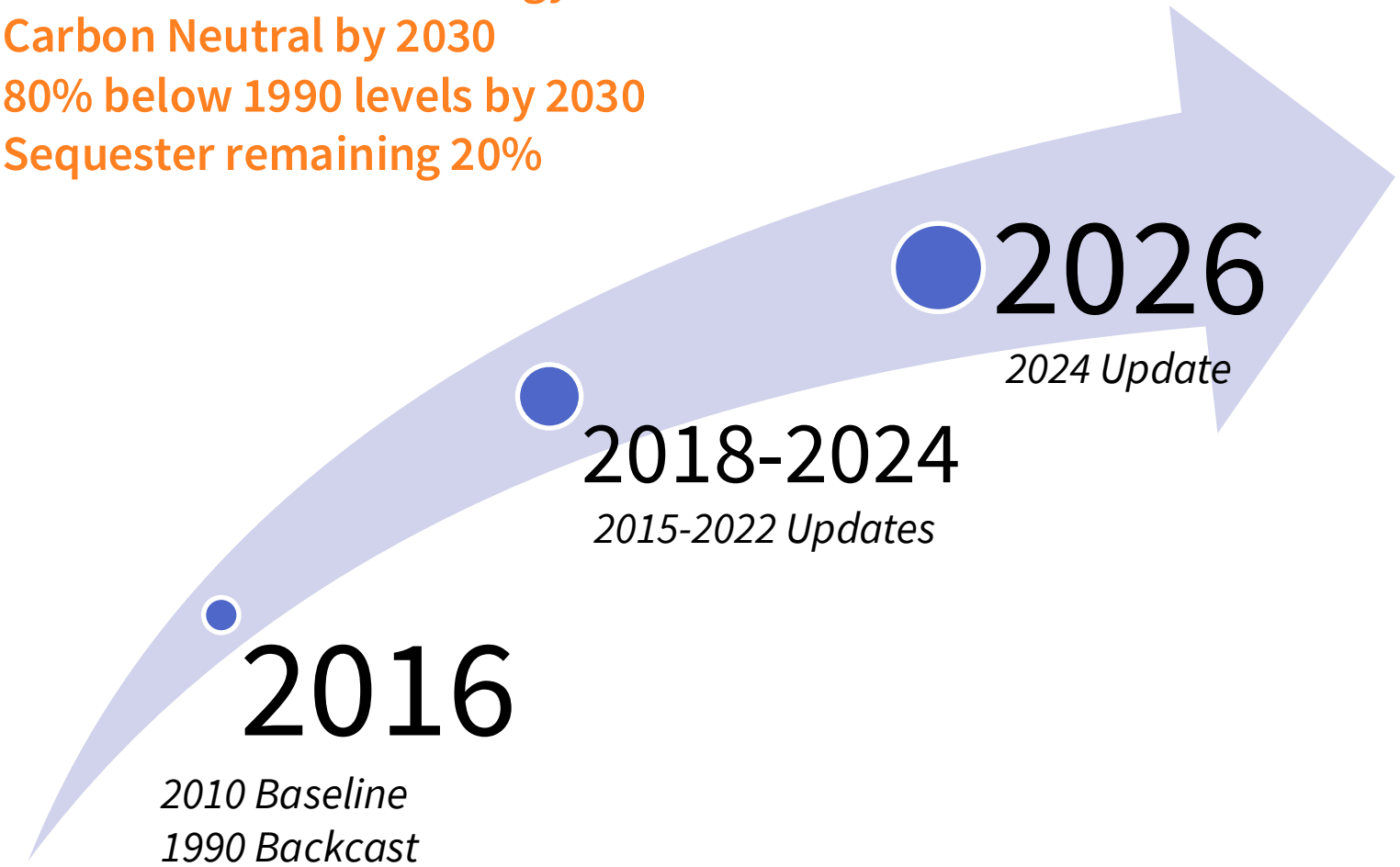
- Inventory Overview
  - By Year and Sector
  - Per Capita
- Emissions Sectors
  - Building Energy
  - Transportation
  - Solid Waste
  - Water-Related
  - Agriculture
- Key Findings and Conclusion



GHG Inventory Overview – Timeline

Climate Mobilization Strategy Goals

- Carbon Neutral by 2030
- 80% below 1990 levels by 2030
- Sequester remaining 20%

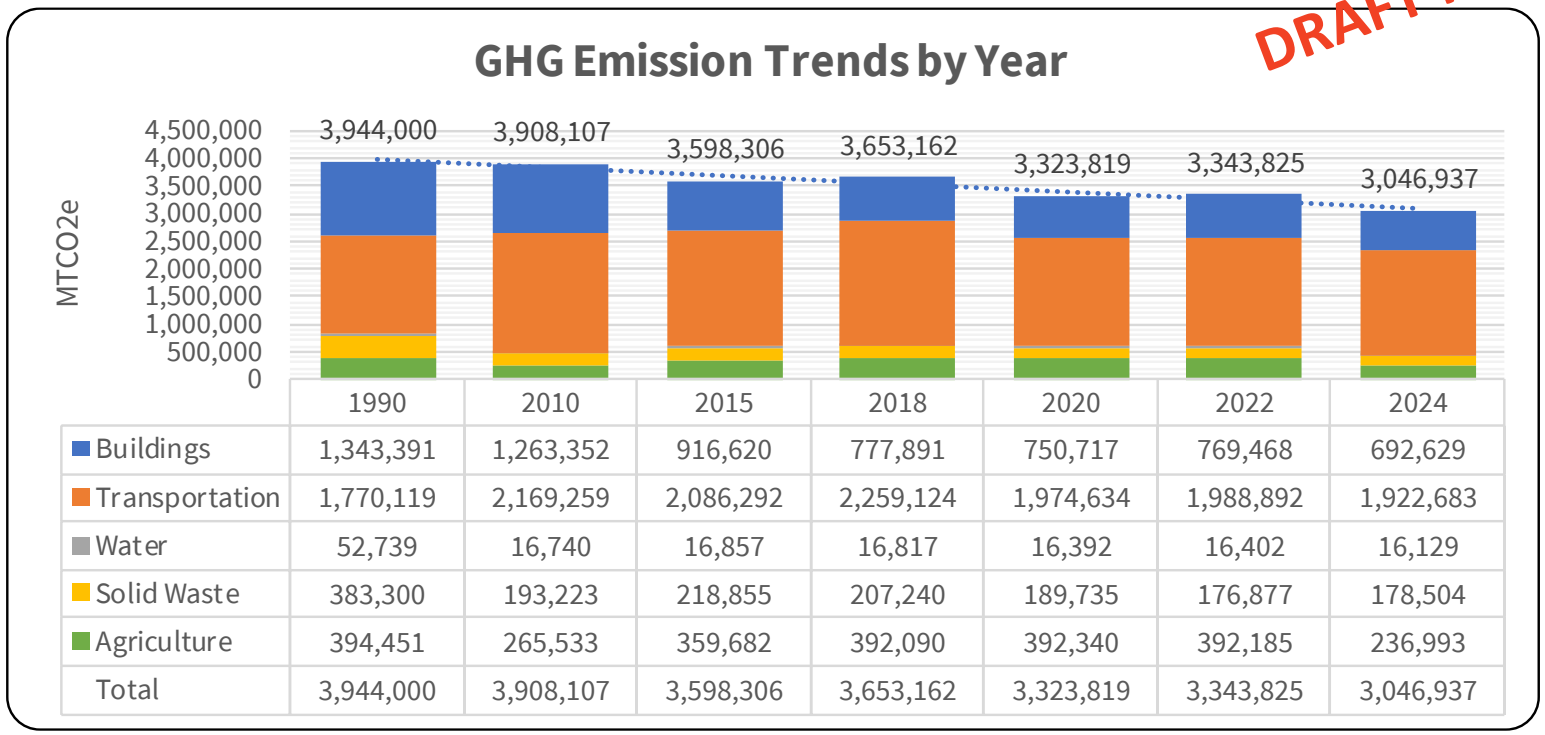


2024 Inventory Update

- July 2026 - Preliminary results shared with SCTCA committees
- August 10 – Final results shared with SCTCA Board
- 2024 results added to online GHG Dashboard after SCTCA Board approval

GHG Inventory Results – Emission Trends by Year

DRAFT RESULTS



	1990	2010	2015	2018	2020	2022	2024
Buildings	1,343,391	1,263,352	916,620	777,891	750,717	769,468	692,629
Transportation	1,770,119	2,169,259	2,086,292	2,259,124	1,974,634	1,988,892	1,922,683
Water	52,739	16,740	16,857	16,817	16,392	16,402	16,129
Solid Waste	383,300	193,223	218,855	207,240	189,735	176,877	178,504
Agriculture	394,451	265,533	359,682	392,090	392,340	392,185	236,993
Total	3,944,000	3,908,107	3,598,306	3,653,162	3,323,819	3,343,825	3,046,937

2024 Total Emissions: 3,046,937 MTCO2e

22.7% reduction from 1990 GHG Baseline

GHG Emission Sectors in Order of Magnitude

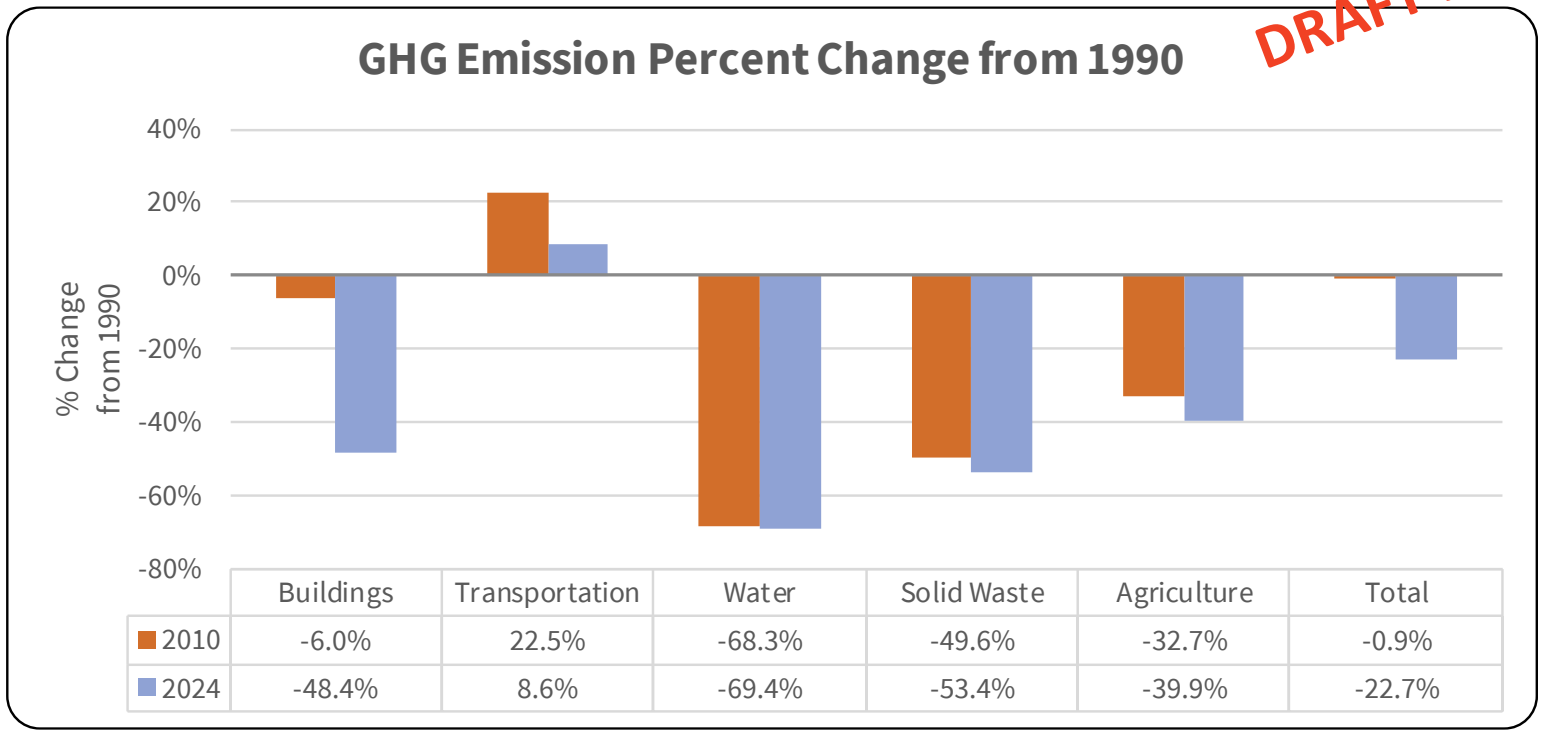
- Transportation 63.1%
- Buildings 22.7%
- Agriculture 7.8%
- Solid Waste 5.9%
- Water 0.5%

Continued Area of Focus:

- Transportation and Buildings 85.8%

GHG Inventory Results – Emission Trends by Sector

DRAFT RESULTS



	Buildings	Transportation	Water	Solid Waste	Agriculture	Total
2010	-6.0%	22.5%	-68.3%	-49.6%	-32.7%	-0.9%
2024	-48.4%	8.6%	-69.4%	-53.4%	-39.9%	-22.7%

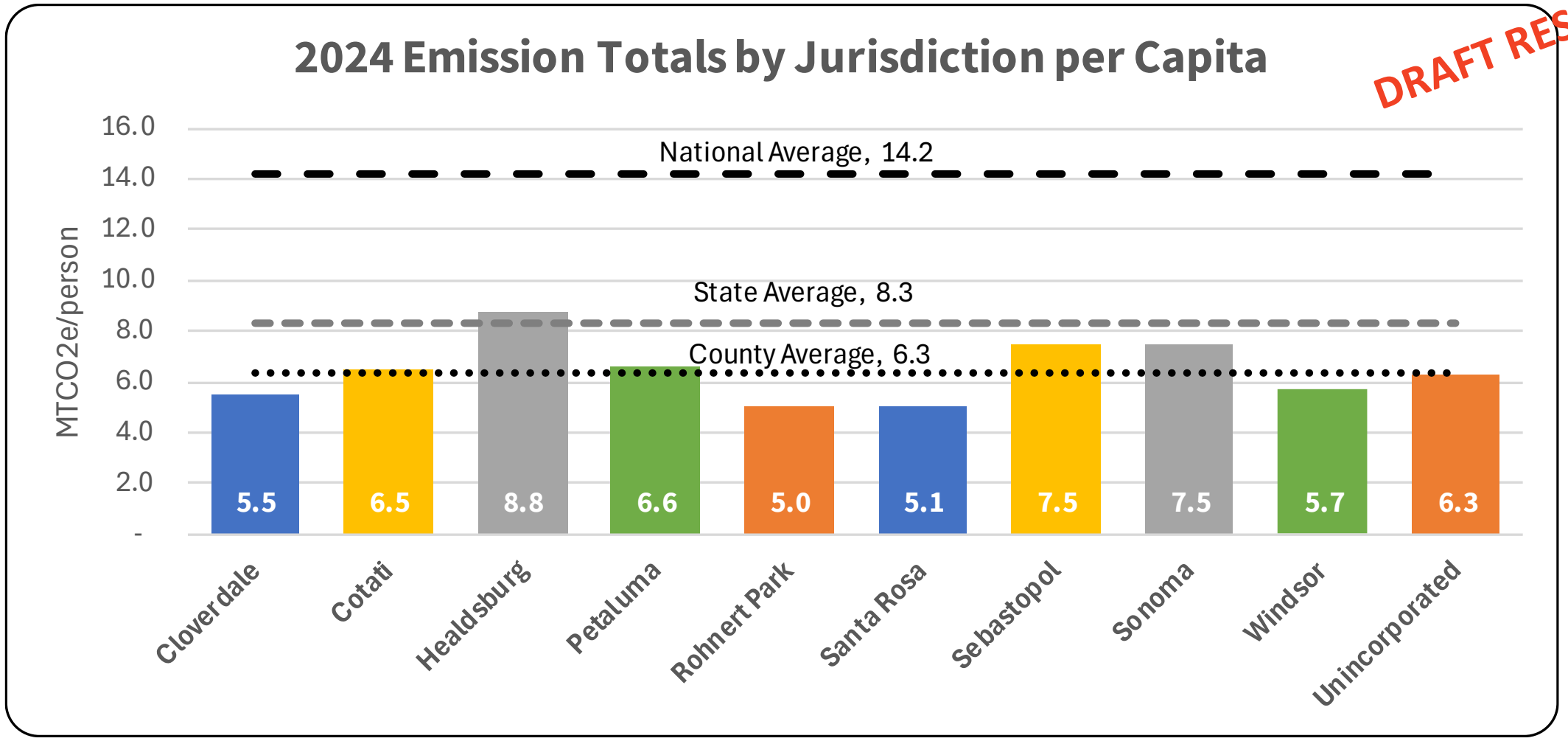
2024 Total Emissions: 3,046,937 MTCO2e

22.7% reduction from 1990 GHG Baseline

State and Countywide Emission Reduction Goals

- 40% below 1990 by 2030 (2016 CA Senate Bill 32)
- 48% below 1990 by 2030 (2022 CARB Climate Change Scoping Plan)
- 80% below 1990 by 2030 (2021 SCTCA Sonoma Climate Mobilization Carbon Neutrality Goal)
- 85% below 1990 by 2045 (2018 CA Governor Executive Order B-55-18)

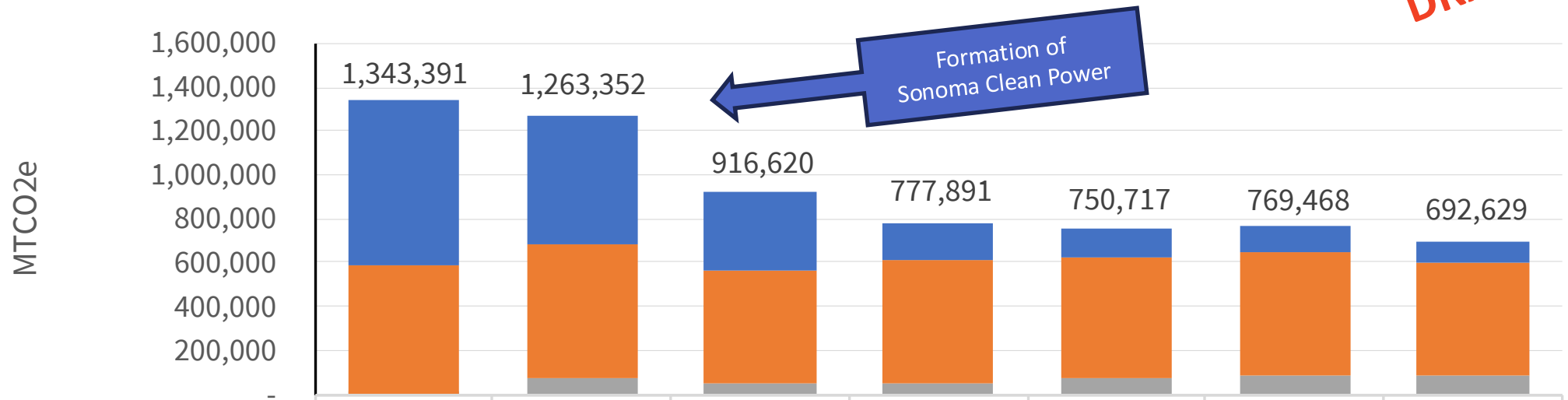
GHG Inventory Results – Emissions per Capita



GHG Inventory Results – Building Energy Emissions

DRAFT RESULTS

Building Energy Emission Trends



	1990	2010	2015	2018	2020	2022	2024
Electricity	759,711	575,483	358,547	161,798	127,543	122,400	93,374
Natural Gas	577,548	614,248	511,736	565,552	551,074	565,264	516,232
Stationary Sources	6,133	73,621	46,336	50,541	72,100	81,804	83,023
Total	1,343,391	1,263,352	916,620	777,891	750,717	769,468	692,629

Building Energy Emissions – Key Findings

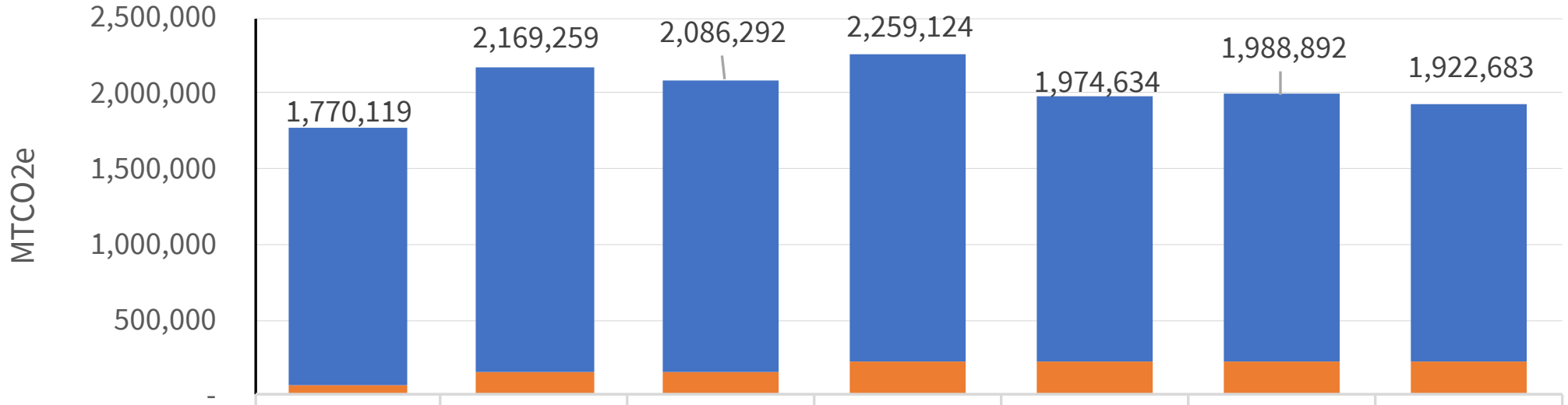
DRAFT RESULTS

- **<u>Building Energy Emissions</u>** are 10 percent lower than in 2022 and 48.4 percent lower than in 1990
  - Generation of electricity from natural gas has been driven down statewide by increases in utility-scale solar generation and battery storage capacity
  - Residential electricity demand is lowered due to installation of solar PV systems with battery storage, allowing owners to use daytime PV production into the evening time-of-use periods
  - Despite these advances, California's peak electricity demand is projected to rise by roughly half by 2045, driven by increases in electric vehicles, data centers, and building electrification

GHG Inventory Results – Transportation Emissions

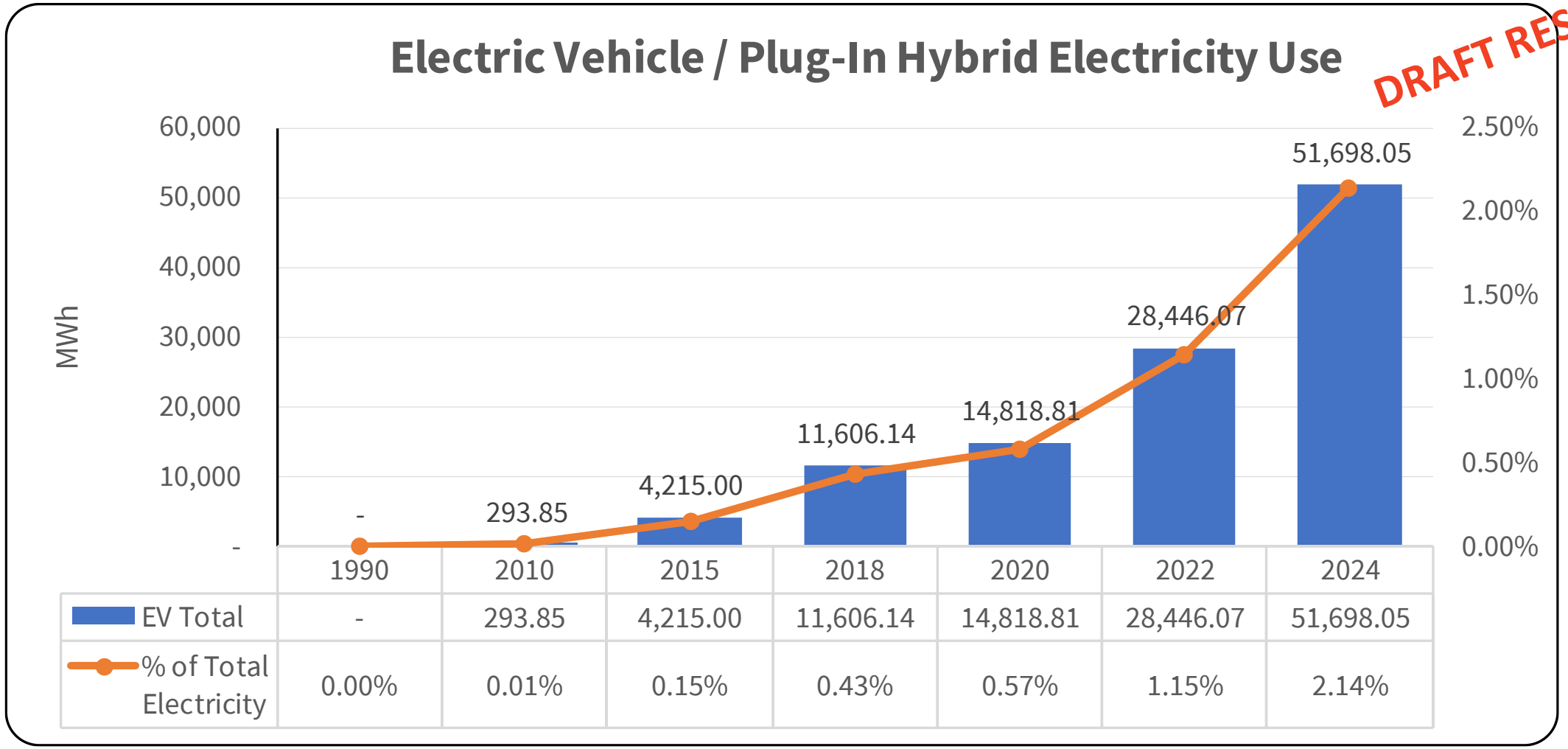
DRAFT RESULTS

Transportation Emission Trends



	1990	2010	2015	2018	2020	2022	2024
On-Road	1,712,963	2,025,532	1,931,597	2,045,905	1,759,954	1,770,847	1,702,836
Off-Road	57,156	143,727	154,696	211,239	213,589	215,039	217,577
Passenger Rail	-	-	-	1,979	1,092	3,006	2,270
Total	1,770,119	2,169,259	2,086,292	2,259,124	1,974,634	1,988,892	1,922,683

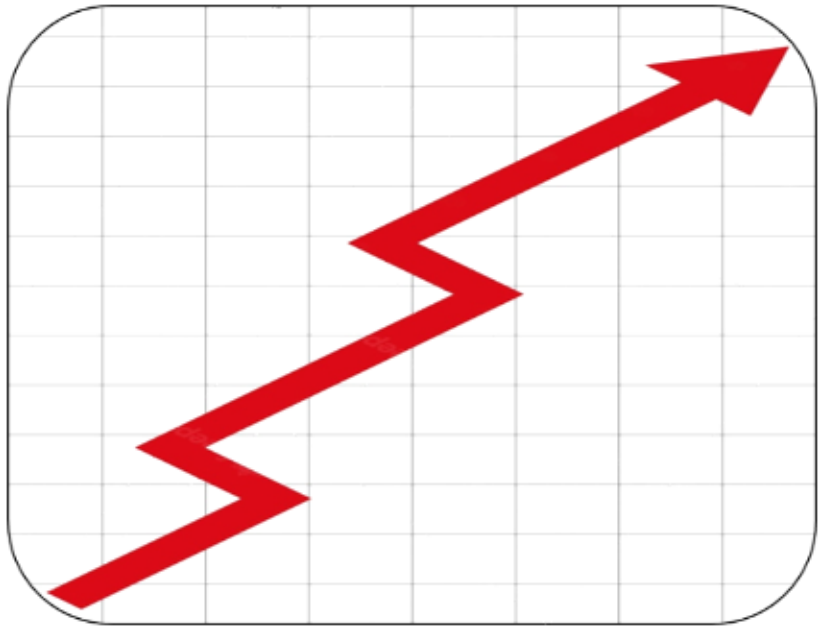
GHG Inventory Results – Transportation Emissions



Transportation Emissions – Key Findings

DRAFT RESULTS

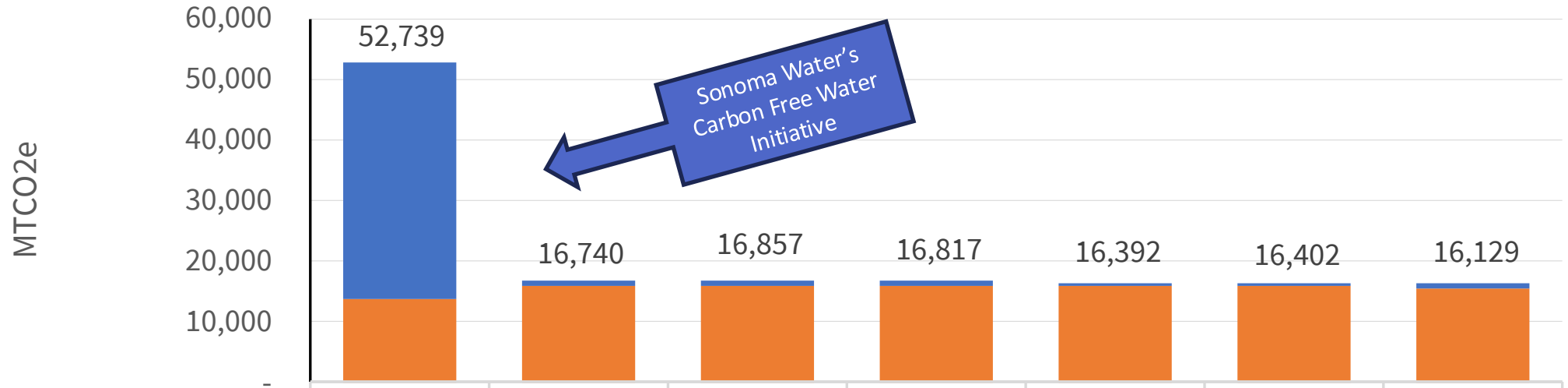
- **<u>Transportation Emissions</u>** are 3.3 percent lower than in 2022 but 8.6 percent higher than in 1990
  - Countywide VMT is lower than 2022 but still much higher than in 1990
  - Countywide VMT remains lower than pre-COVID-19 levels, possibly due to the effects of continued telecommuting
  - Gasoline-powered vehicles have continued to become more efficient over the years



GHG Inventory Results – Water-Related Emissions

DRAFT RESULTS

Water and Wastewater Emission Trends



	1990	2010	2015	2018	2020	2022	2024
Water Conveyance	39,188	977	983	973	647	711	547
Waste Water	13,551	15,763	15,874	15,844	15,745	15,691	15,582
Total	52,739	16,740	16,857	16,817	16,392	16,402	16,129

Water-Related Emissions – Key Findings

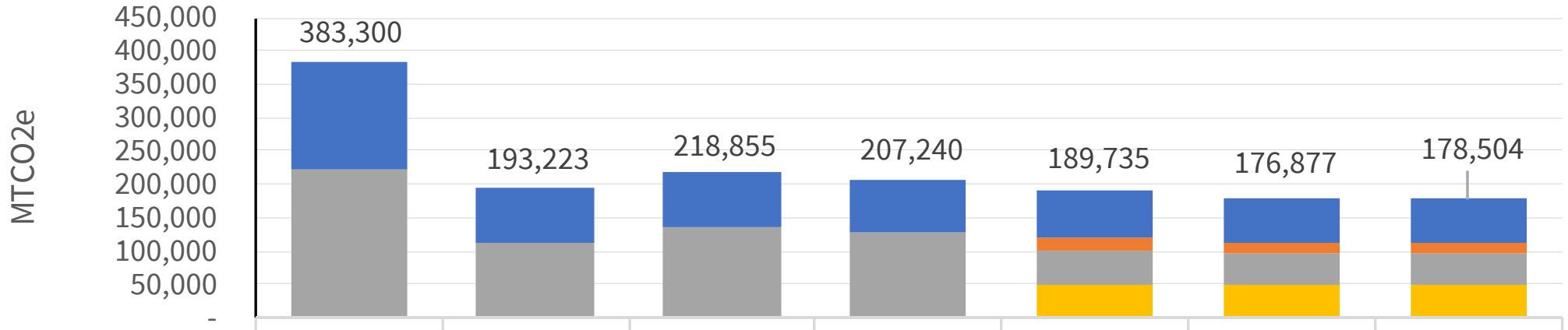
DRAFT RESULTS

- **<u>Water-Related Emissions</u>** are 1.7 percent lower than in 2022 and 69.4 percent lower than in 1990
  - Water use efficiency programs continue to lower overall water demand
  - Pumping and wastewater treatment increasingly rely on 100% renewable energy
  - Additional energy-related improvements may be available through improved operations at the wastewater treatment plants located throughout Sonoma County

GHG Inventory Results – Solid Waste Emissions

DRAFT RESULTS

Solid Waste Emission Trends



	1990	2010	2015	2018	2020	2022	2024
Residential SF	160,474	80,359	84,012	79,382	69,070	64,390	64,982
Residential MF	-	-	-	-	18,721	17,452	17,613
Commercial	222,826	112,864	134,843	127,858	51,460	47,973	48,414
Self Haul	-	-	-	-	50,484	47,062	47,495
Total	383,300	193,223	218,855	207,240	189,735	176,877	178,504

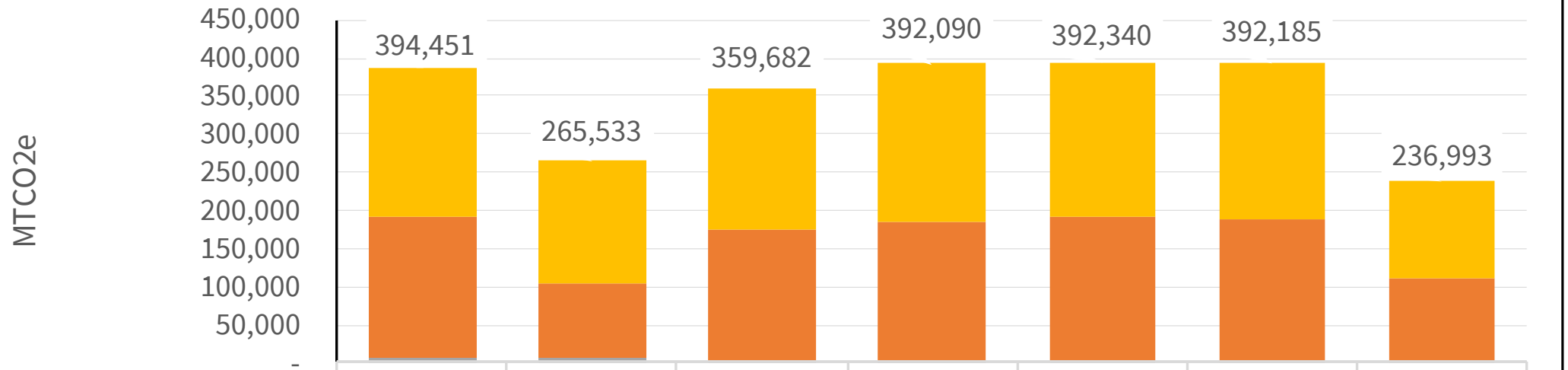
Solid Waste Emissions – Key Findings

DRAFT RESULTS

- **<u>Solid Waste Emissions</u>** are higher by 0.9 percent than in 2022 but 53.4 percent lower than in 1990
  - Solid waste collection amounts were up just slightly compared with 2022 values, but are dramatically decreased compared to 1990
  - Increased diversion of organic material into the compost stream to lower methane emissions has been slower than expected and is not expected to meet SB 1383 goals

GHG Inventory Results – Agriculture Emissions

DRAFT RESULTS



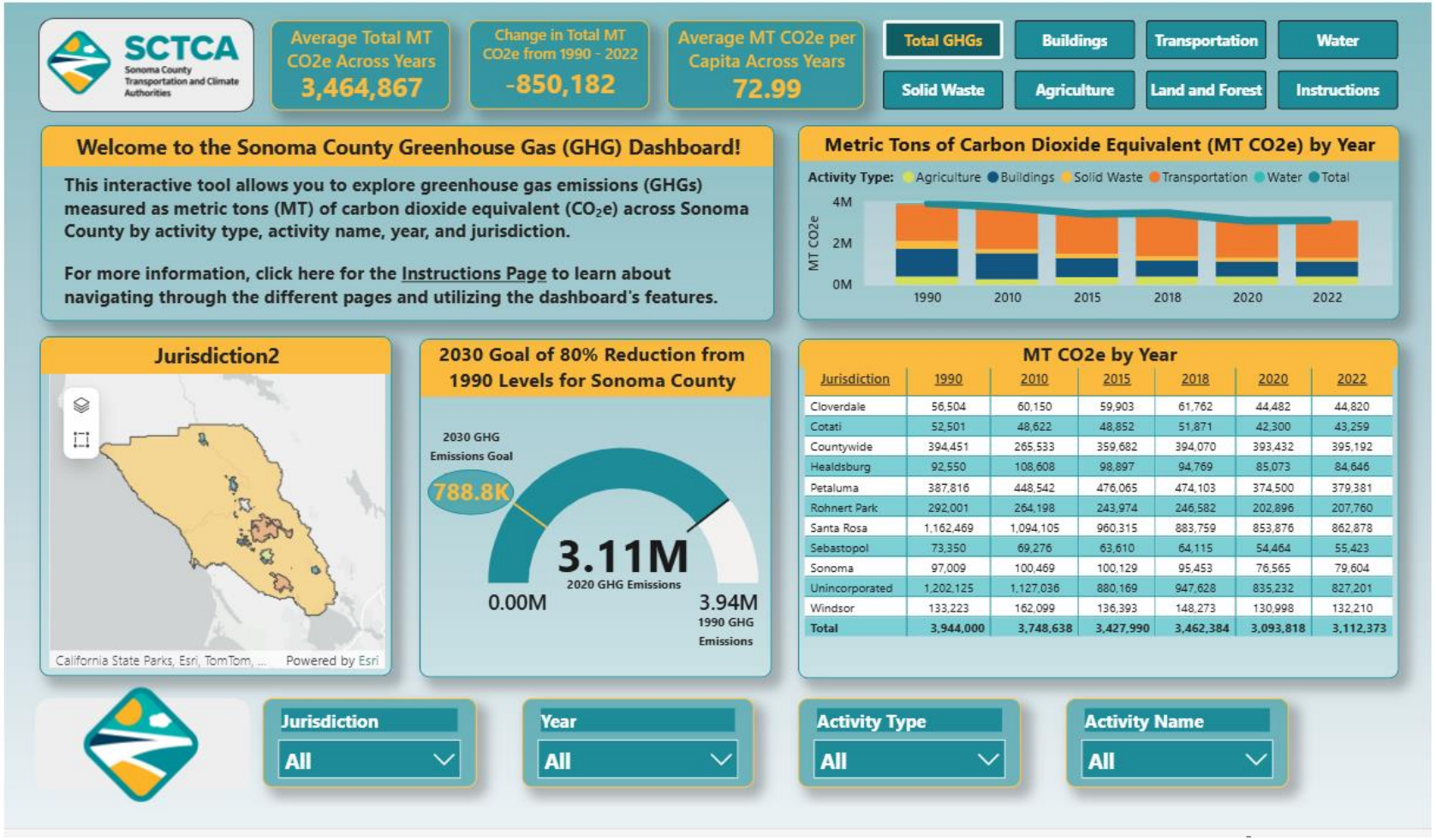
	1990	2010	2015	2018	2020	2022	2024
Enteric Fermentation	201,405	162,142	185,866	207,955	202,262	202,769	126,226
Manure Management	186,786	96,160	169,576	180,130	186,209	185,309	107,176
Fertilizer Application	6,259	7,230	4,240	4,005	3,869	4,108	3,591
Total	394,451	265,533	359,682	392,090	392,340	392,185	236,993

Agriculture Emissions – Key Findings

DRAFT RESULTS

- **Agriculture Emissions** are 39.6 percent lower than in 2022 and 39.9 percent lower than in 1990
  - Reduced acreage for crop production has resulted in lowered fertilizer use and emissions
  - Reduced livestock counts have led to lowered emissions from both manure management and enteric fermentation
  - Responding to the recent declines in agricultural acreage and product values, the County of Sonoma is working to support the local agricultural industry amid mounting economic and environmental pressures, formally declaring agriculture and working lands as critical infrastructure that is essential to the county's economy, environment and food security

GHG Inventory Overview – Online Dashboard



Available online:

- https://rcpa.ca.gov/what-we-do/countywide-ghg-inventory/ghg-dashboard/
- Current with 2022 data
- To be updated with 2024 data shortly
- Detailed tabs for each greenhouse gas sector
- Includes countywide land cover data for evaluation of local sequestration potential

Total Countywide Emissions – Key Findings

DRAFT RESULTS

- **<u>Total Countywide Emissions</u>** are 8.9 percent lower than in 2022 and 22.7 percent lower than in 1990
  - Emissions have returned to a downward trend after an increase in 2022 following COVID-19
  - All sectors show dramatic decreases from 1990 levels except for transportation
  - Even with these sustained emission reductions, prospects for reaching countywide carbon neutrality by 2030 are increasingly improbable and this goal may need to be reassessed

Thank You!

Questions?

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SCTCA
Sonoma County
Transportation and Climate
Authorities

Staff Report

To:	RCPA Climate Action Advisory Committee	Meeting Date:	7/10/26
From:	Tanya Narath, Chief Deputy Executive Director	Item Number:	7.0
Subject:	Sonoma Climate Mobilization Strategy		

Consent Item: ☐ Regular Item: ☒ | Action Item: ☐ Report: ☒

Agenda Item Description

Receive an informational briefing on the *Sonoma Climate Mobilization Strategy* update and provide feedback.

Recommendation

Provide staff with feedback on the *Sonoma Climate Mobilization Strategy* update.

Alternatives Considered

None.

Advisory Committee Recommendation

None.

Executive Summary

The RCPA Board adopted the RCPA Strategic Plan 2025 in 2019 and the *Sonoma Climate Mobilization Strategy* (SCM) in 2021. SCTCA staff are working on an update to the SCM to reflect progress made over the last four years and incorporate the results of more recent climate-related plans into an updated strategy with priority multi-jurisdictional actions for the next three to five years.

Policy Impacts / Nexus to Agency Goals

The *Sonoma Climate Mobilization Strategy* (SCM) coordinates countywide actions to rapidly reduce greenhouse gas (GHG) emissions and build resilience by 2030. The SCM outlines 13 countywide actions under local authority that could significantly reduce GHG emissions by 2030.

Financial Implications

Is there a fiscal impact?	No
Is there funding in the current budget?	Yes
The funding source(s) to be used are:	RCPA operational budget

Background

The scope of the SCM update includes the following actions:

A. Assess the progress made on climate action across Sonoma County since the adoption of the SCM

B. Update the strategies, goals, and objectives in the SCM to reflect the status of climate efforts and align with local and regional plans

- Describe how the countywide work of Sonoma Clean Power, Ag+Open Space, Regional Parks, County of Sonoma, and Sonoma Water supports the implementation of local climate goals
- Incorporate best practices and solutions from national and international climate frameworks, such as the IPCC Mitigation Options and Drawdown Reduction Strategies
- Align SCM targets with State, regional, and locally adopted climate action targets

C. Identify and prioritize high-impact, multi-jurisdictional actions and funding strategies to support implementation

The updated SCM will include a community-wide GHG inventory with 2024 data; a summary of community engagement and outreach findings; and an updated strategy document that identifies the highest-priority multi-jurisdictional climate actions for the next three to five years.

Schedule

Milestone	Date
Launch SCM Update Project	February 2026
Complete GHG Inventory Update and review of local plans	July 2026
Present draft SCM vision and goals to SCTCA committees and Board	September 2026
Present draft SCM strategies and objectives to SCTCA committees and Board	November 2026
Present draft SCM to SCTCA committees and Board	April 2027
Present final SCM to SCTCA Board for adoption	July 2027

Status

SCTCA staff have completed the draft 2024 GHG Inventory Update and are wrapping up a review of local, regional and State climate plans to identify gaps and opportunities for alignment. The results of this analysis will inform updates to the SCM goals, strategies, and objectives.

SCTCA staff are seeking feedback from the Climate Action Advisory Committee to help develop a vision for the SCM and update its goals.

For reference, SCTCA's organizational vision is:

A thriving and resilient Sonoma County where everyone benefits from safe and healthy built and natural environments and has equitable access to affordable clean energy solutions and safe, well-maintained, zero emission transportation options.

The current SCM goals by sector are as follows:

Overall

- Achieve carbon neutrality in Sonoma County by 2030 using an equity-centered process

Buildings

- Accelerate the electrification of existing buildings and electrify all new buildings.
- Accelerate the transition to 100 percent carbon-free electricity.

Transportation

- Make it easier to get around Sonoma County without a car.
- Accelerate the transition to 100 percent electric vehicles (EVs) for all transportation needs not otherwise met by biking or walking.
- Develop new funding sources for transportation projects that reduce VMT.

Waste

- Develop policies, programs, and education campaigns to eliminate waste sent to landfills.

Sequestration

- Maintain the carbon that is currently held in soil and plants.
- Capture more carbon in soils and plants.
- Build the physical, social, and economic capacity for successful carbon sequestration.

Resilience and Adaptation

- Increase resilience of the electrical grid and prepare for electrification of buildings and transportation systems.
- Address the economic, social, and environmental impacts of future wildfires, floods, extreme heat, drought, sea level rise, and other climate change risks.

Engagement and Equity

- Coordinate with local leaders and develop a campaign to engage residents from frontline communities and key stakeholders in the Sonoma Climate Mobilization.
- Develop processes and tools to support the inclusion of equity and climate in all policies.

Supporting Documents

A. None