

City of San Diego Climate Advisory Board

Date: November 10, 2025

Chair: Tanisha-Jean Martin

Vice-Chair: Kelly Lyndon

Item 1: Call to Order and Roll Call

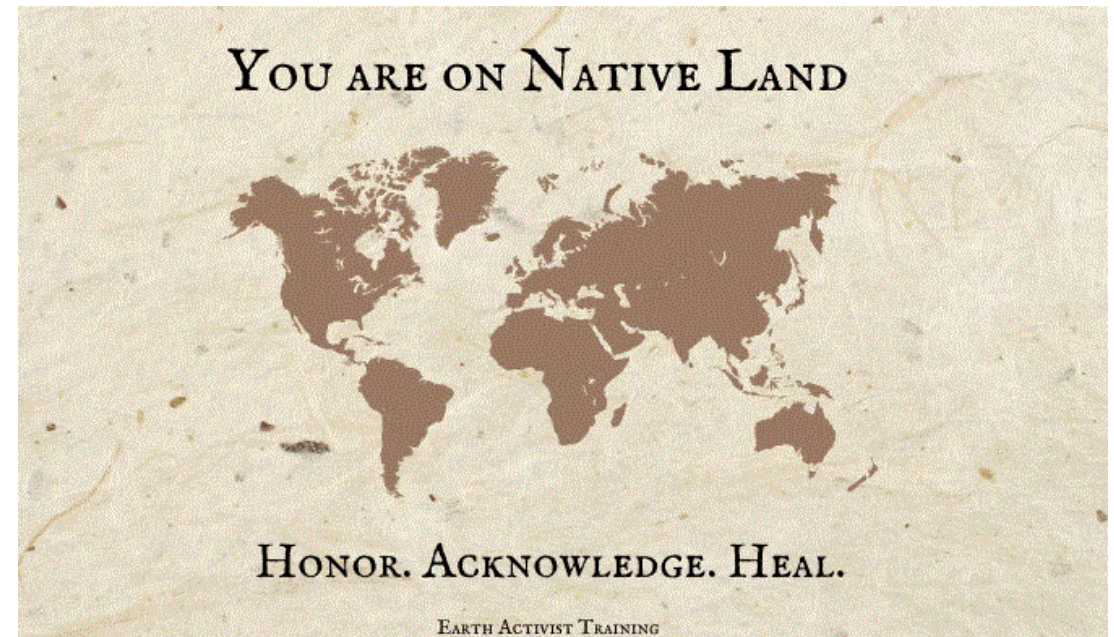
Item 2: Land Acknowledgment

We acknowledge that the land on which the City of San Diego is built is the unceded territory of the Kumeyaay Nation.

The Kumeyaay people have lived on and cared for this land for over 10,000 years and have demonstrated resilience and adaptability in the face of colonization, land loss, and environmental change.

Today, the urgency of climate action compels us to confront these environmental crises with the same dedication to stewardship that has sustained this land for millennia.

In this acknowledgment, we recognize the importance of immediate and bold actions to protect the environment, honor the history of this land, and ensure a sustainable future for all.



Item 3: Adoption/Modification of
Agenda Order

Item 4: Approval of Minutes

Item 5: Announcements

Item 6: Non-Agenda Public Comment

Instructions for the public:

- Raise your hand by either:
 - tapping the “Raise Your Hand” button on your computer, tablet, or Smartphone, or
 - dialing *9 on your phone.
- You will be taken in the order in which you raised your hand.
- When the Chair indicates it is your turn to speak, either:
 - click the unmute prompt that will appear on your computer, tablet or Smartphone, or
 - dial *6 on your phone.
- There is a two-minute limit per comment

Item 7: Plant-Based Climate Action Initiatives

WHO IS SANDIEGO350?

MISSION

SanDiego350 is building a movement to prevent the worst impacts of climate change and climate injustice through education and outreach, public policy advocacy, and mobilizing people to take action.

PLANT-FORWARD TEAM



SAN DIEGO **350**
CLIMATE ACTION

A pathway to zero: Nourishing San Diego's Climate Action Plan

1 The Request: Prioritize Plant-Forward food Procurement

2 The Climate Link: How a shift in priority helps us better align with San Diego's Climate Action Plan

3 The Impact: Reduce Significant Food-Based Emissions & Water Use

4 The Path Forward: Strengthen Policy, Shift Procurement Practices, and Lead by Example

CLIMATE ACTION PLAN

CIRCULAR ECONOMIES AND CLEAN COMMUNITIES 4.2B

- An action under the Circular Economies & Clean Communities (CECC) is to “update the city’s administrative regulations to include purchasing requirements for sustainable products and food, including specific carbon and water footprint requirements for beef, pork, chicken, turkey, and dairy and specific requirements for local, healthy, sustainable foods. 4.2b”

CECC-
4.2b

Update the City’s administrative regulations to include purchasing requirements for sustainable products and food


Not started

No tasks

a year ago

47.32

- The official description taken from the website is as follows: “Through an update to the City’s administrative regulations, include purchasing requirements for sustainable products and food whenever option is available.
- 1) Reduce carbon and water footprint of total beef, pork, chicken, turkey and dairy purchases by 20%
 - 2) Increase local, healthy, and sustainable foods to 20% of total food purchases prioritizing locally sourced, valued workforce and animal welfare”

A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

Prioritizing plant-based food procurement for a healthier, more sustainable city



A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

- A shift towards a plant-based diet is necessary in order to meet the Paris Climate Agreement.
- Greener By Default found that plant-based food could decrease food's carbon footprint by 62% and water footprint by 35%.
- Animal agriculture accounts for about 15% of human-caused greenhouse gas emissions

A pathway to zero: Nourishing San Diego's Climate Action Plan

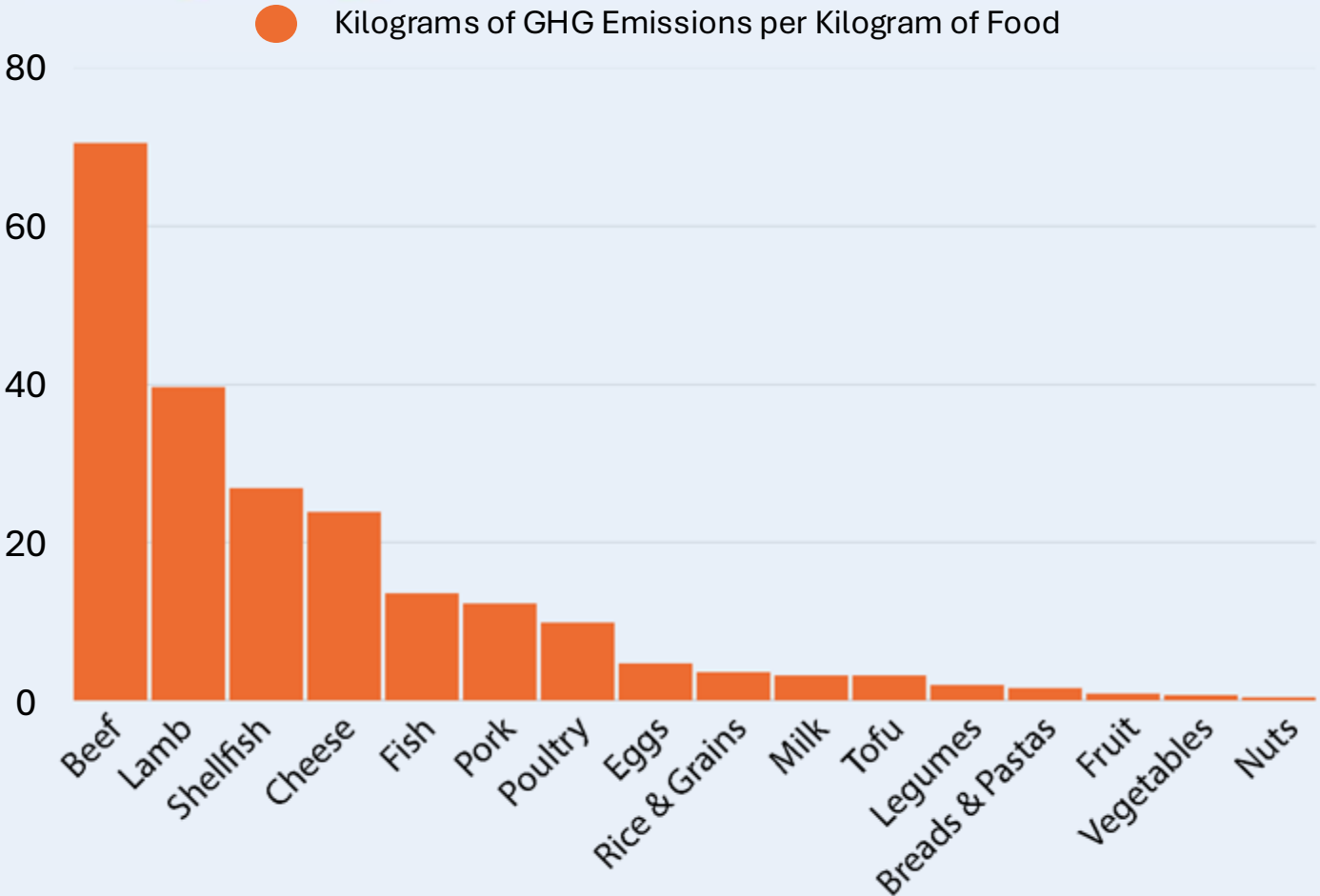
The Request

The Climate Link

The Impact

The Path Forward

Comparing the GHG Emissions of Food



GREENHOUSE GAS EMISSIONS

How Our Food Choices Impact our Environment

Methane



Carbon Dioxide



Nitrous Oxide



WATER USE



- **Animal based products require significantly more water to produce compared to plant-based products**
- **40% of California's water supply goes to agriculture** ²
- **The meat and dairy industry is responsible for more than 1/4 of the world's freshwater supply** ¹

A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

Prioritizing plant-based food procurement for a healthier, more sustainable city means...

- Reduce Significant Food-Based Emissions
- Improve Health
- Lower Costs
- Increase Accessibility, Equity & Inclusion



A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

1

Strengthen Policy

Proposed Action: Amend the EP3 to include plant-forward guidelines for purchasing food that is, for example, locally sourced, sustainably grown, or meets specific nutritional standards.

A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

CECC-4.2b Update the City's administrative regulations to include purchasing requirements for sustainable products and food


Not started

No tasks

a year ago

47.32

Action Timing

Reduce GHG Emissions

Foundational

Low



Feasibility score

Equity score

9.1 (1-10)

1 (1-10)



“Twelve basic Environmentally Preferable characteristics shall be used in evaluating whether a given product or non-professional service is Environmentally Preferable.” - AR 35.80

Thirteen Characteristics (Proposed Update):

- a. Alternative Energy Source
- b. Bio-based
- c. Biodegradable
- d. Compostable
- e. High Recycled Content
- f. Low Toxicity
- g. Low Volatile Organic Compound (VOC)
- h. Pollution (air, water, solid waste) Reduction
- i. Recyclable
- j. Repairable
- k. Resource Efficient (water conserving and/or energy efficient)
- l. Reusable
- m. **Plant-Based (food items, with preference toward locally sourced and sustainably grown)**

A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

2

Shift Procurement

San Diego funds several projects that involve food procurement

- Updating Vendor Contracts: Incorporate new requirements into new and existing food and beverage RFPs.
- Setting Clear Targets: Establish measurable goals, like ensuring 50% of meal options are plant-based by 2027.
- Empowering City Staff: Provide clear guidelines and training to department heads and event managers.

A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

3

Lead by Example

Adopt a Plant-Based by Default Policy for events & meetings

A pathway to zero: Nourishing San Diego's Climate Action Plan

The Request

The Climate Link

The Impact

The Path Forward

SD350 Plant Forward Team Wants to help!

Ways we can get involved:

- Sharing resources for Plant-Based Default implementation
- Connect the City to outside organizations that can provide technical assistance
- Share resources from other cities leading the path forward
- Connection to CAP CECC 4.3a: Speak with members of the food council or advisory board

THANK YOU

SAN DIEGO **350**
CLIMATE ACTION

Item 8: Supplemental Cost-Effective Energy Efficiency Requirements

Transitioning to Healthy and Sustainable Buildings: Cost Effective Energy Efficiency Measures

November 2025



Process for implementing cost-effective energy efficiency requirements



2025 Building Code: Statewide 2025 Green Building Code (CALGreen)

Measures	Applicability	Description
Water Heating	 Multi-family Residential  Hotels  New Construction	Central systems are prescriptively required to be heat pumps. Gas systems must be electric-ready.
Space Heating	 Non-Residential  New Construction	For Single Zone up to 240,000 Btu/hr or less, heat pump are prescribed. Multi-zone systems require a heat pump* or equally efficient gas system *Exceptions: Buildings greater than 150kp sq ft. and Schools in Climate Zone 7
Space and Water Heating	 Single-family Residential  New Construction	Both space and water heating: Heat pumps
EV-capable¹	 Non-Residential  New Construction	20% of parking spaces must be EV-capable; 50% of EV-capable spaces must have Electric Vehicle Supply Equipment (EVSE), except Office and Retail uses which must have 75% of EV-capable spaces with EVSE.
EV-ready²	 Multi-family Residential  New Construction	One parking space EV-ready (Low Power Level 2) for each dwelling unit. EVSE at 25% of spaces.
EV-ready²	 Hotels and Motels  New Construction	40% of parking spaces must be EV-ready for Low Power Level 2; 25% of EV-ready spaces must have EVSE.
Pool/Spa Heaters	 All Buildings  New Construction	Solar thermal, heat pump pool heater (HPPH), or on-site renewable/recovered energy systems for heating pools and spas (excluding portable electric spas) with specific efficiency, sizing, and control standards.

¹**EV-capable space:** includes the electrical capacity and conduit, but no wiring or outlet, allowing for future installation of an EV charger

²**EV-ready space:** includes the panel capacity, wiring, and conduit, but also terminates with a 240-volt outlet or junction box, requiring only the charger to become operational

The 2025 Energy Code also includes optional amendments that cities or counties can adopt.

- To adopt these supplemental energy efficiency measures:
 - California Energy Code requires measures to be cost-effective
 - Local governments must meet one of several possible criteria (AB130):
 - City San Diego's proposed measures -
Have emissions reduction targets tied to specific actions adopted in their general plan language



Energy costs savings

>

Installation Cost

2025 Building Code: Supplemental Cost-Effective Energy Efficiency Requirements

CALGreen Measure	Applicability	Description
Cool roofs Payback4 - 10 yrs	 Non-Residential  Alterations / Additions	Enhanced cool roof requirements when roof alterations exceed 50% of roof area or 2,000+ sq ft.
High-rise Hot Water Performance Payback • All-electric - At installation • Mixed fuel Systems - 30 yrs	 High-rise Residential  New Construction	New high-rise residential buildings with central hot water systems to achieve 5% enhanced energy performance beyond Title 24 requirements.

2025 Land Development Code Update: Cost-Effective Energy Efficiency Requirements

Measures	Applicability	Description
Pool/Spa Heaters Payback10 - 25 yrs	 Multi-family Residential  Non-Residential  Alterations / Additions	Solar thermal, heat pump pool heater (HPPH), or on-site renewable/recovered energy systems for heating pools and spas (excluding portable electric spas) with specific efficiency, sizing, and control standards.
Dark-sky Outdoor Lighting PaybackNo additional cost	 Multi-family Residential  Non-Residential  New Construction	Outdoor pole-mounted and arm-mounted luminaries which minimize upward light emission to reduce light pollution while maintaining safe and energy efficient lighting levels.



When remodeling or adding to your single-family home, you can save money and make your home healthier and more energy-efficient while doing it!

Energy-Efficient Home Upgrade Options



**Enhanced
attic insulation**



**Duct sealing
to seal air leaks**



**Heat pump
water heaters**



**Installation of
a solar energy
system**

WHY REPLACE YOUR AIR CONDITIONING AND FURNACE WITH A HEAT PUMP?



Dual Functionality

One system does the job of two — cooling in summer and heating in winter — reducing overall equipment costs over time.



Bill Savings

Heat pumps typically deliver five to 10 year simple paybacks through lower monthly energy bills.



Cleaner, Safer Homes

All-electric heat pumps eliminate indoor combustion, improving your indoor air quality and lowering safety risks.



Protect Our Climate

Heat pumps help reduce greenhouse gas emissions that contribute to climate change.



Questions and Discussion

Item 9: City Planning
Department Work Program for
Fiscal Year 2026

Climate Advisory Board

Item 9: City Planning Department Work Program for Fiscal Year 2026

Requested staff presentation on FY26 department work plans with items relevant to CAB

- Purpose is to inform CAB Work Plan
- Targeting December 2025

Quick intro via Planning department [website](#)

- Climate Action Plan Update
- Home Electrification HEART Program
- Building Decarbonization Plan
- Cost-Effective Energy Efficiency Requirements
- Existing Building Performance Standards Policy
- Street Design Manual Update
- Bicycle Master Plan

Item 10: Climate Advisory Board 2026 Workplan

Climate Advisory Board

Item 10: Climate Advisory Board 2026 Work Plan

Typical advisory board work plan development process

1. Review board scope
2. Review relevant city and department priorities
3. Review past year, lessons learned
4. Brainstorm and prioritize
5. Set Goals, Actions, and Timelines
6. Assign Responsibilities

Climate Advisory Board

Item 10: Climate Advisory Board 2026 Work Plan

1. Climate Advisory Board Scope ([Municipal Code](#) and [Bylaws](#))

It is the purpose and intent of the City Council to establish a Climate Advisory Board to serve as an advisory body to the Mayor and the City Council on policies and issues related to climate, environment, environmental justice, energy justice, climate equity, sustainability, and energy policy for the City of San Diego and to assist the City in implementing the Climate Action Plan and attaining the City's stated goals in these areas.

- i. Advise the Mayor, City Council, and relevant City departments on climate, environment, environmental justice, climate equity, sustainability, and energy policy for the City and assist the City in implementing the Climate Action Plan and attaining the City's stated goals in these areas.
- ii. Develop recommendations on how the City can engage residents, communities, and non-governmental organizations to guide the implementation of the Climate Action Plan and other relevant plans or strategies, and how the City can engage in climate issues at the state and federal levels.
- iii. Function as a primary channel of communication between the City and the residents, communities, and stakeholders; seek participation by regional businesses, political leaders, government agencies, and public interest groups on climate, climate equity, and renewable energy uses; hold public forums for public and stakeholder input; and provide periodic reports to the Environment Committee.
- iv. Advise on potential public-private partnerships or pilot programs that advance the City's sustainability and energy goals.
- v. Advise on innovative mechanisms and efficiencies to accelerate renewable energy deployment.
- vi. Receive and review updates on climate and energy related contracts and agreements serving City residents, including the Franchise Compliance Review Committee as appropriate.
- vii. Coordinate with other City advisory boards and City departments, such as the Community Forest Advisory Board, Planning Commission, the Mobility Board, and the Resiliency Advisory Board, as needed and as it relates to the purposes of this Board.
- viii. Provide periodic reports to the Environment Committee, and make recommendations for the City to engage in regional climate-related issues at the state and federal level, including securing state and federal funding for climate-related issues.

Climate Advisory Board

Item 10: Climate Advisory Board 2026 Work Plan

2. Review relevant city and department priorities

- [CAP Dashboard](#)
 - Tasks [example](#) - plan to update? search tasks by date?
- CAP Implementation Plan update
- FY26 Department Work Plans relevant to CAB
- City Council Committee Work Plans (e.g. Environment, Active Transportation and Infrastructure, Land Use and Housing)

3. Review past year, lessons learned

- [CAB 2025 Work Plan](#)
- [CAB 2025 Annual Report](#)

Climate Advisory Board

Item 10: Climate Advisory Board 2026 Work Plan

Potential approach

- Create ad hoc committee today
- Committee issues survey to Board members
 - Lessons learned, areas of interest
- Committee prepares material for Dec board meeting
 - Coordinate staff presentation
 - Summarize survey results, facilitate discussion
- Committee prepares draft Work Plan for Jan board meeting
 - Facilitate discussion
- Committee prepares proposed Work Plan for Feb board meeting

Item 11: Proposed Agenda Items for Future Meetings

Climate Advisory Board

Item 11: Proposed Agenda Items for Future Meetings

Meeting Dates/Times

- First Tuesday at 12:00-1:30, Civic Center
- If forecast lack of quorum, can shift to second Tuesday
 - SB 707 passed 10/3/25 allows remote teleconference meetings by “eligible subsidiary bodies” of local agencies, including certain advisory bodies. Requires city resolution.
- Upcoming
 - Tue 12/2/25 @ 12
 - Tue 1/13/26 @ 12
 - Tue 2/3/26 @ 12

Backlog of Requests

- SDREN: early next year
- Street Design Manual: when new draft update available
- HEART program and updates to Building Decarb strategy
- Joint meeting with related boards

Item 12: Adjournment