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# 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



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

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- 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

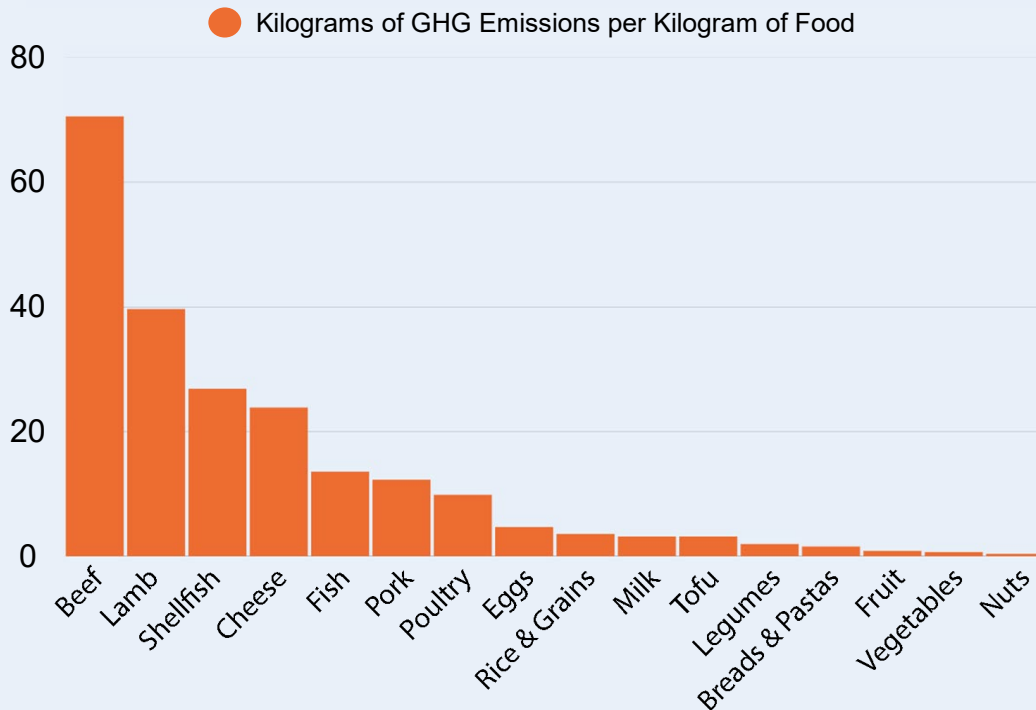
The Request

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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** <sup>2</sup>
- **The meat and dairy industry is responsible for more than 1/4 of the world's freshwater supply** <sup>1</sup>

# 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.

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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

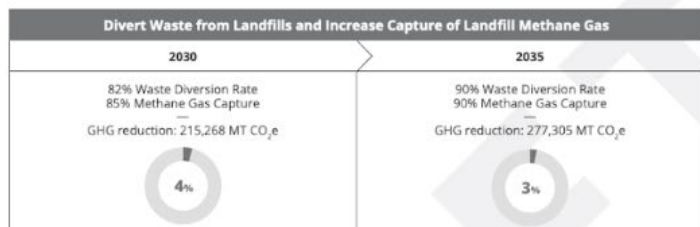
# THANK YOU

**SAN DIEGO**  **350**  
CLIMATE ACTION



## Strategy 4: Circular Economy &amp; Clean Communities

## TARGETS



Note: the CAP anticipates that Measures 4.1 through 4.4 would achieve these targets and GHG reductions.

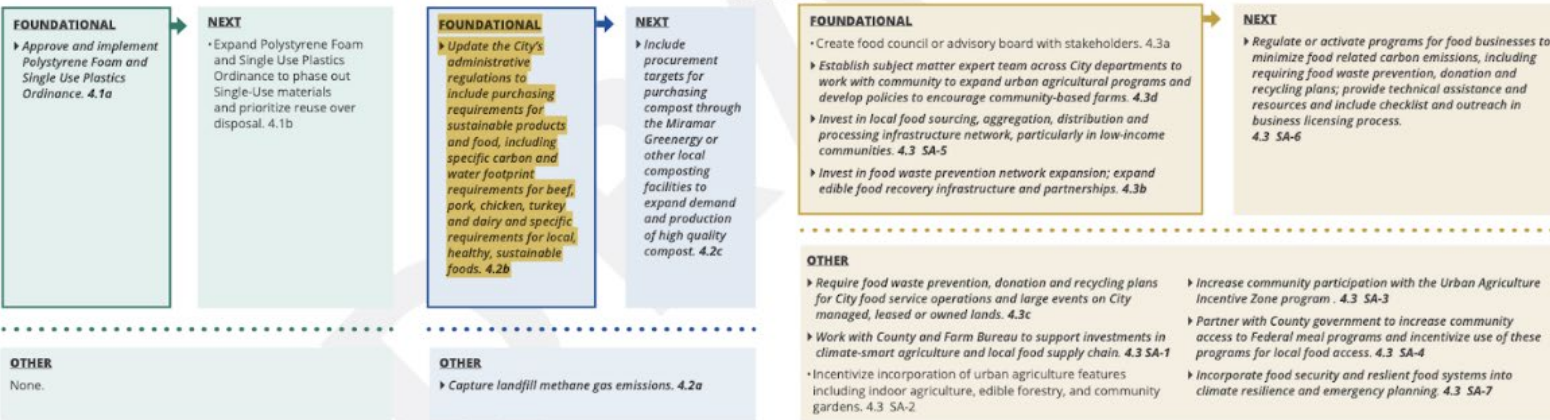
## MEASURES

## 4.1 Changes to the Waste Stream

## 4.2 Municipal Waste Reduction

## 4.3 Local Food Systems and Food Recovery

## ACTIONS



## MEASURING SUCCESS

- ▶ Percentage of Citywide waste diverted from landfill disposal
- ▶ Percentage of methane gas captured at City landfills
- ▶ Tons of organic waste diverted from landfill disposal
- ▶ Amount (pounds, tons) of edible food recovered
- ▶ Volume of solid waste disposal in landfills

Note: these measures of success apply to Measures 4.1 through 4.4

|            |                                                                                                                                                                                                                                                                                                                                              |             |         |          |              |       |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|----------|--------------|-------|
| 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 |
| CECC-4.3a  | Create a food council or advisory board with local stakeholders                                                                                                                                                                                                                                                                              | In progress | On time | 4 tasks  | a year ago   | 55.92 |
| CECC-4.3b  | Invest in expanding the food waste prevention network - expand infrastructure & partnerships for edible food recovery                                                                                                                                                                                                                        | In progress | On time | 1 tasks  | 7 months ago | 47.02 |
| CECC-4.3c  | Require food waste prevention, donation and recycling plans for all City food service operations and large events on City managed, leased or owned lands                                                                                                                                                                                     | Completed   | On time | No tasks | a year ago   | 34.89 |
| CEC C-4.3d | Establish a multidisciplinary team of subject matter experts across City departments with a focus on land use, economic growth, neighborhood vitality and healthy food access to work with community members to expand urban agricultural programs and develop policies to encourage community-based farms, including demonstration projects | Not started |         | No tasks | a year ago   | 54.91 |

|              |                                                                                                                                                                                                                                                                |             |         |          |              |              |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|----------|--------------|--------------|
| CECC-4.3-SA1 | Work with the County and Farm Bureau to support investments in climate-smart agriculture and the local food supply chain                                                                                                                                       | Not started |         | No tasks | a year ago   | <b>29.87</b> |
| CECC-4.3-SA4 | Partner with County of SD to increase community access to Federal meal programs (EBT, WIC, etc) and incentivize usage of these programs for local food access (CSA, farmers market, retail)                                                                    | In progress | On time | 1 tasks  | a year ago   | <b>30.53</b> |
| CECC-4.3-SA5 | Invest in a network of local food sourcing, aggregation, distribution and processing infrastructure including regional food hubs, neighborhood scale commercial kitchens or shared kitchens, and other food businesses, particularly in low-income communities | Planning    | On time | 1 tasks  | a year ago   | <b>52.84</b> |
| CECC-4.3-SA6 | Regulate or activate programs for food businesses to minimize food related carbon emissions...and provide technical assistance and resources. Also include checklist and outreach as part of business licensing process                                        | In progress | On time | 2 tasks  | 7 months ago | <b>34.89</b> |
| CECC-4.3-SA7 | Incorporate food security and resilient food systems into climate resilience and emergency planning                                                                                                                                                            | Completed   | On time | No tasks | a year ago   | <b>20.63</b> |

|               |                                                                                                                                                                                                                                                                                          |             |         |          |              |             |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|----------|--------------|-------------|
| CECC<br>-4.4b | Update the Citywide Recycling Ordinance to ban divertible materials (yard waste, food) from residential and commercial trash containers, in compliance with SB 1383                                                                                                                      | Completed   | On time | No tasks | a year ago   | <b>43.2</b> |
| CEC<br>C-4.4i | Continue and enhance public outreach programming that provides residents with strategies for household waste reduction, including from food waste and shipping and packaging (e.g., on-demand deliveries), including outreach in languages that reflect the diverse needs of San Diegans | In progress | On time | No tasks | 7 months ago | <b>42.3</b> |