

# Brisbane 101: Sustainability

---

ADRIENNE ETHERTON, SUSTAINABILITY MANAGER



# Outline

- ★ Open Space and Ecology Committee
- ★ Climate Crisis
- ★ 2015 Climate Action Plan
- ★ Climate Emergency Declaration
- ★ Highlight of Current Efforts
- ★ Q&A
- ★ Climate Jeopardy



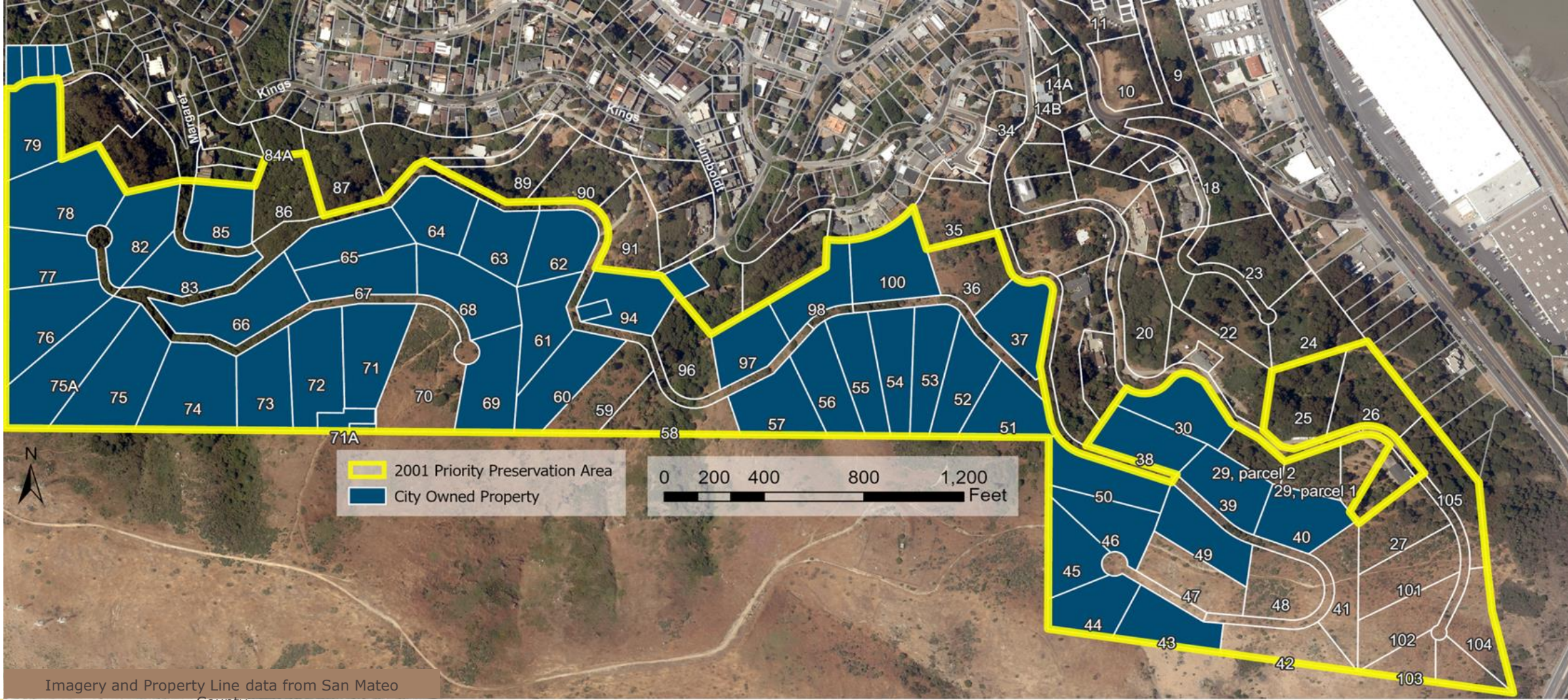
- ★ City Advisory Committee - 7 appointed members
- ★ Issues and topics that OSEC may address include:
  - ★ Greenhouse gas emissions reductions
  - ★ Habitat Management and Vegetation Management
  - ★ Green Building
  - ★ Water and energy conservation
  - ★ Annual open space report
  - ★ Public information and education on ecological issues
  - ★ Recycling/solid waste reduction issues
  - ★ Wetlands preservation and enhancement issues
  - ★ Issues related to pollution, toxic waste and contamination



## Open Space and Ecology Committee







# Brisbane Acres





# Habitat Restoration Days



**VOLUNTEERS**  
NEEDED

ON SAN BRUNO MOUNTAIN

**HABITAT**  
RESTORATION

JUNE 29<sup>TH</sup>, 2019 • 9:30AM - 12:30PM  
SAVE THE DATE - MEETING LOCATION TO BE ANNOUNCED

BRISBANE CITY OF STARS  
SOUTH SAN FRANCISCO SOUVENIR COMPANY, INC.  
Recology







Spring has sprung!  
Is your garden ready?

.....  
**COMPOST  
GIVEAWAY**  
.....

STARTING MAY 3, UNTIL  
SUPPLIES LAST

SAN FRANCISCO AVE.  
NEAR INYO,  
JUST BELOW THE  
COMMUNITY GARDEN

BRING YOUR OWN  
CONTAINER & SHOVEL

RESIDENTS ONLY PLEASE,  
NO COMMERCIAL  
ENTERPRISES

BROUGHT TO YOU BY:

SOUTH SAN FRANCISCO  
**SCAVENGER**  
COMPANY, INC.



**Every Day Is Earth Day**

Monday	Try Meatless Mondays
Tuesday	Walk or Bike to School
Wednesday	Reduce, Reuse and Recycle
Thursday	Visit the Brisbane Farmers' Market
Friday	Refuse to Use Single-Use Plastics
Saturday	Volunteer at a Restoration Event
Sunday	Participate in the Adopt-A-Drain Program




**recycled arts & crafts contest**

SECOND ANNUAL 2021



**calling all makers!**

Submit your useful home items

- wearable art
- jewelry
- fine art
- kinetics
- sculpture
- garden art
- or other artwork!

Prizes sponsored by

**SCAVENGER**  
SOUTH SAN FRANCISCO  
COMPANY, INC.

**TURN TRASH INTO TREASURE**  
use materials destined for the garbage, recycling, or compost

**DEADLINE EXTENDED!**  
~~AUGUST 31, 2021~~  
OCTOBER 20, 2021

[brisbaneca.org/recycled-contest-2021](https://brisbaneca.org/recycled-contest-2021)

**PRESENTED BY:**  
Brisbane Parks and Recreation Department and the Open Space and Ecology Committee

# Education, Outreach & Events



# Climate Change – It's Real and It's Happening Now

---

- ★ On our current emissions path, the earth will be 4-8°C (~7-14°F) warmer than it is now by 2100
- ★ Exceeding 1.5°C will have disastrous, uncontrollable and irreversible consequences
- ★ To stay below 1.5°C rise: emissions must be eliminated by midcentury
- ★ We have already warmed 1°C...



Just 1°...

Rapid ice melt at both poles

Sea Level Rise





Just 1°...  
Droughts





Just 1°...

Dying trees



image: High Country News





Just 1°...

Wildfires

Air Quality Impacts



image: MercuryNews.com





Just 1°...

Impacts on agriculture  
(and your food)



image: Keep California Farming





Just 1°...  
Extreme Storms  
Floods







EMAIL NEWSLETTER  
SIGN UP FOR  
OUR FREE  
NEWSLETTER



MAKE A DONATION  
SUPPORT  
INDEPENDENT  
JOURNALISM

HOME > ENVIRONMENT

## CLIMATE CHANGE IS CAUSING A DANGEROUS UPTICK IN CASES OF LYME DISEASE

Ticks that carry the pathogenic bacteria can now survive in environments where they previously would've frozen to death, resulting in an increased risk of infection.

GABRIELA SERRATO MARKS · APR 16, 2018



Mary Beth Pfeiffer



The First Epidemic  
of Climate Change

Just 1°...

Increase in pests

Disease outbreaks





Just 1°...

Extinctions

The Washington Post

*Democracy Dies in Darkness*

Science

## Climate change officially claims its first mammal: The Bramble Cay melomys is declared extinct



The Bramble Cay melomys, a ratlike rodent native to Australia, is the first known mammal to go extinct because of climate change. (iStock)

By **Ben Guarino** and **Lindsey Bever**

February 20



# In Summary...

---



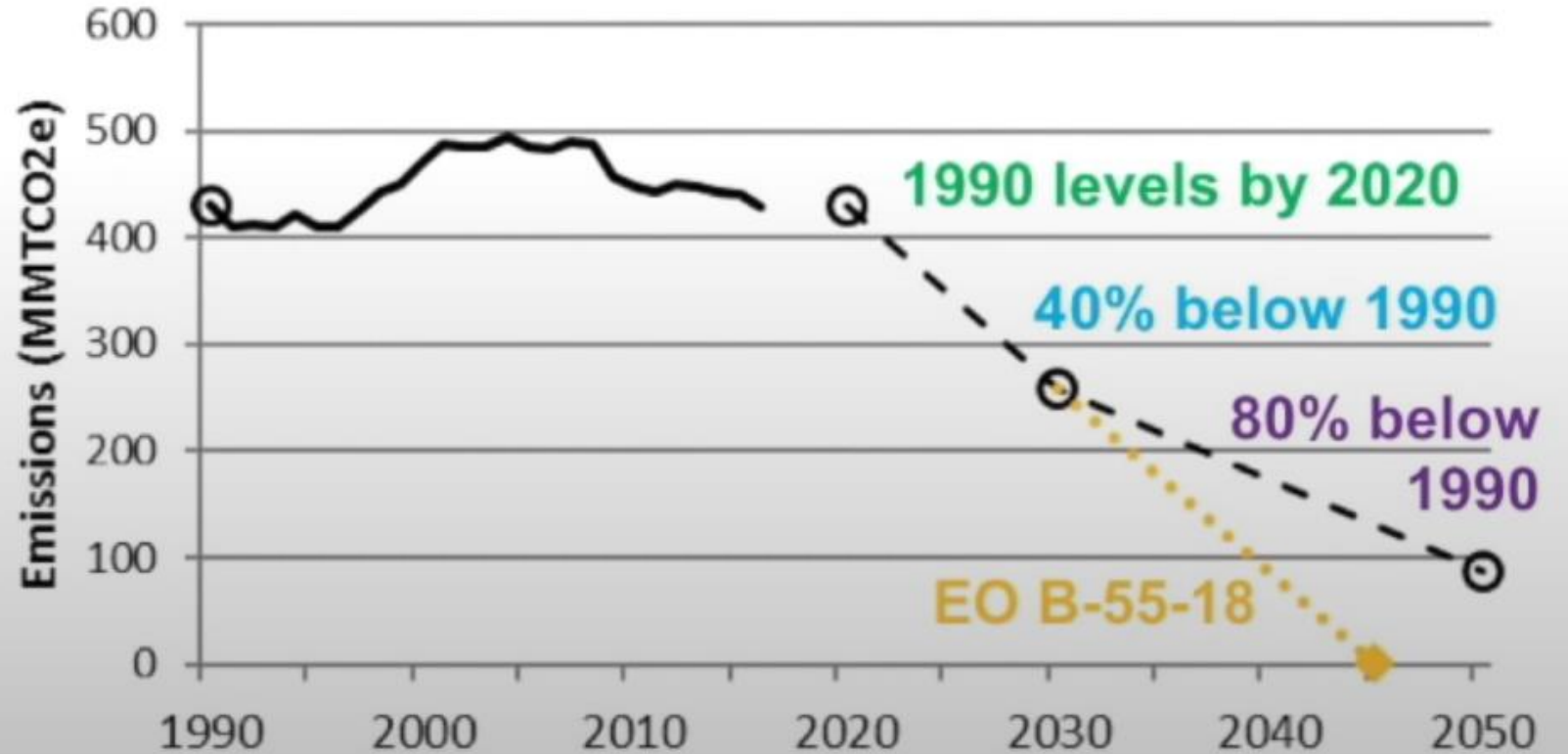


So, What Do We Do?



# California Climate Laws Mandate Steep Reductions

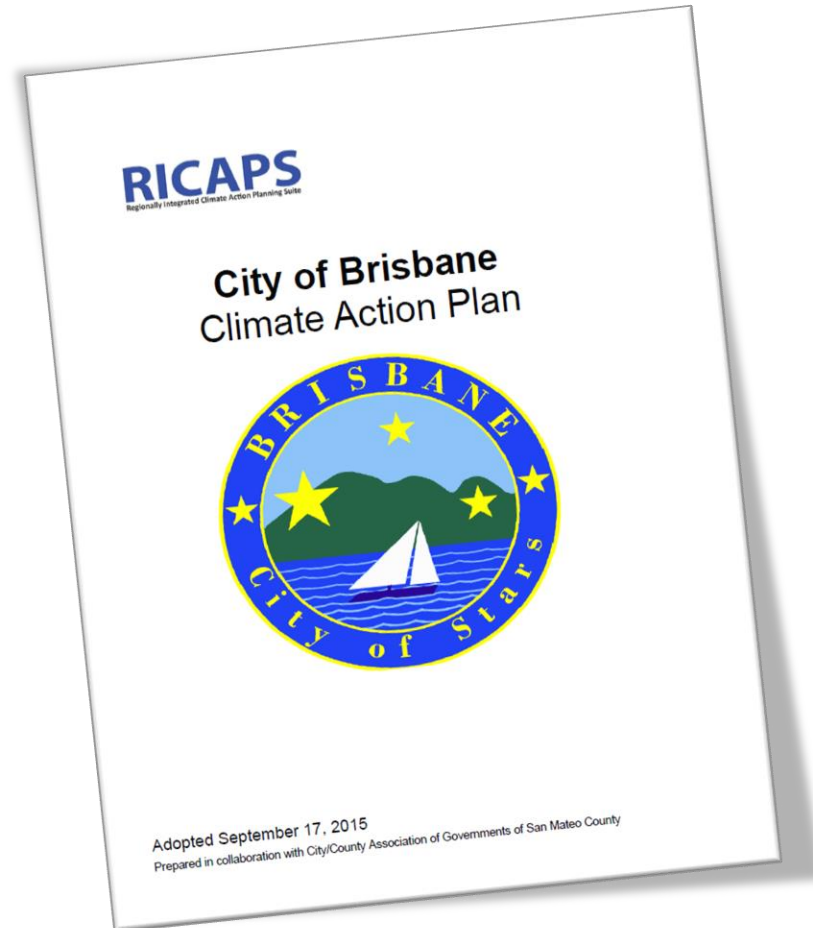
California GHG Emissions, Historical and Goals  
(1990 – 2050)





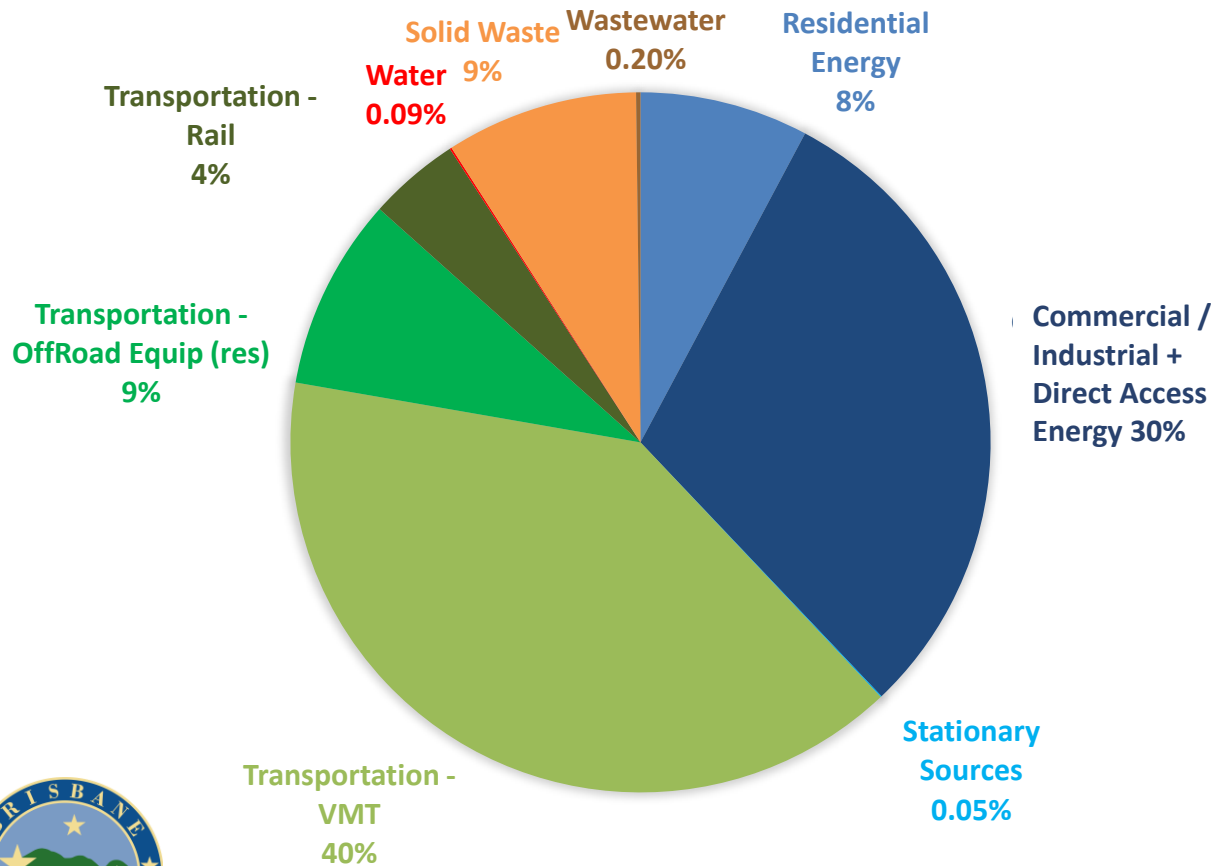
# Brisbane's Climate Action Plan

- ★ Adopted September 2015
- ★ Greenhouse Gas (GHG) Inventory
  - ★ Community & Municipal; 2005 Baseline + 2010
- ★ Establishes 2020 GHG Reduction Goal
  - ★ Consistent with state law (CA AB32)
- ★ Identifies GHG Reduction Strategies or “Measures”
- ★ Updated plan for 2030 will be coordinated with Baylands Specific Plan

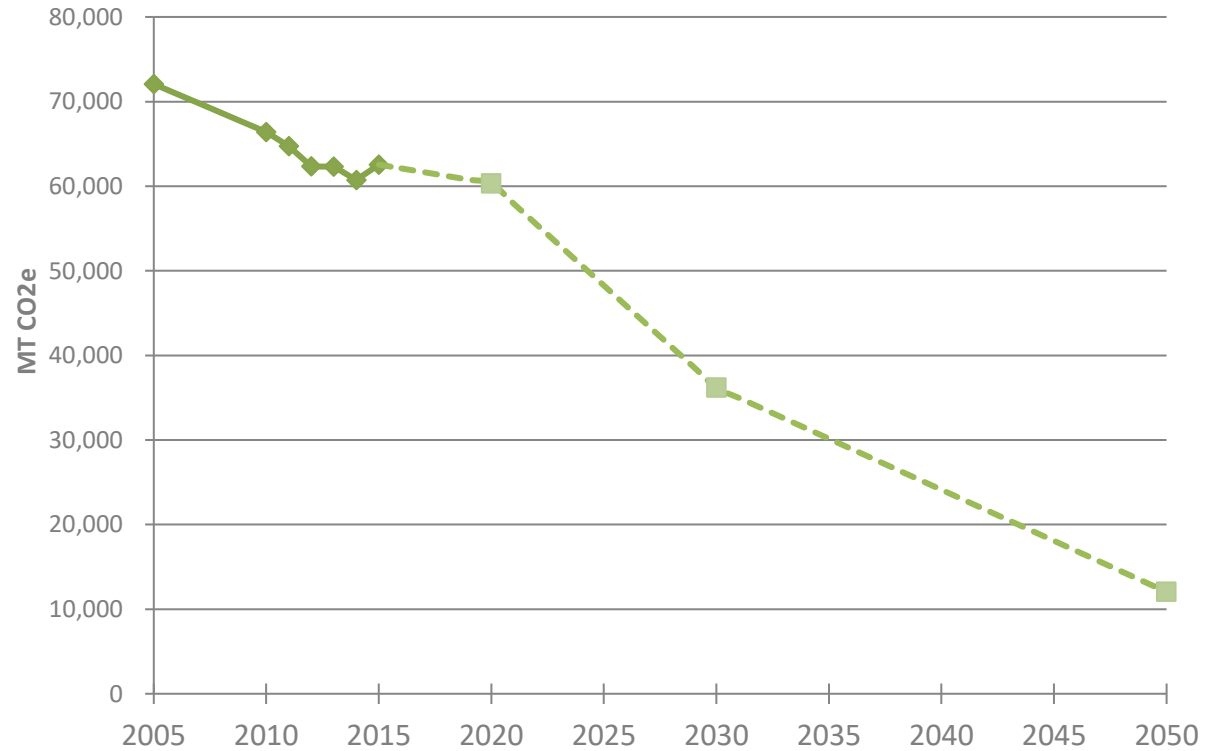


# Brisbane's Climate Action Plan

### Brisbane 2015 Community GHG Inventory



### Brisbane GHG Emissions and Targets

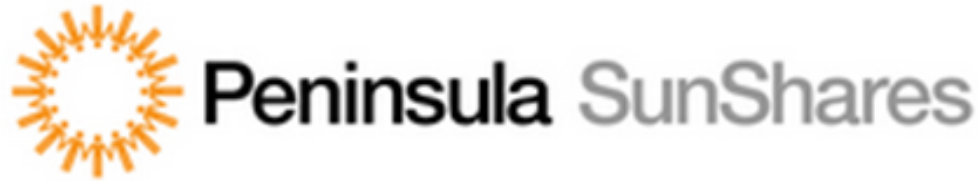




# CAP Measures



# CAP Measures





# CAP Measures



## ORDINANCE NO. 543

AN ORDINANCE OF THE CITY OF BRISBANE ADDING CHAPTER 15.72 TO THE MUNICIPAL CODE TO ESTABLISH INDOOR WATER CONSERVATION REGULATIONS

## ORDINANCE NO. 544

AN ORDINANCE OF THE CITY OF BRISBANE AMENDING CHAPTER 15.70 OF THE MUNICIPAL CODE ESTABLISHING WATER CONSERVATION IN LANDSCAPING REGULATIONS





# CAP Measures



waste





# CAP Measures



road emissions/  
transportation





# CAP Measures



all sector/other



## People. Planet. Profit.



### Reduce Water Use

Low flow toilets and auto-off faucets



### Conserve Energy

Upgrade lighting and equipment to save energy



### Commute Sustainably

Promote and incentivize alternative transportation for employees



### Prevent Pollution

Eliminate and/or properly dispose of harmful chemicals



### Use Non-Toxic Cleaners

Use safer, environmentally preferable cleaning chemicals



### Avoid Waste

Eliminate unnecessary packaging, printing, and purchasing



### Recycle Materials

Divert waste from the landfill through reuse, recycling and composting



### Hire Local Vendors

Working locally means less vehicle use



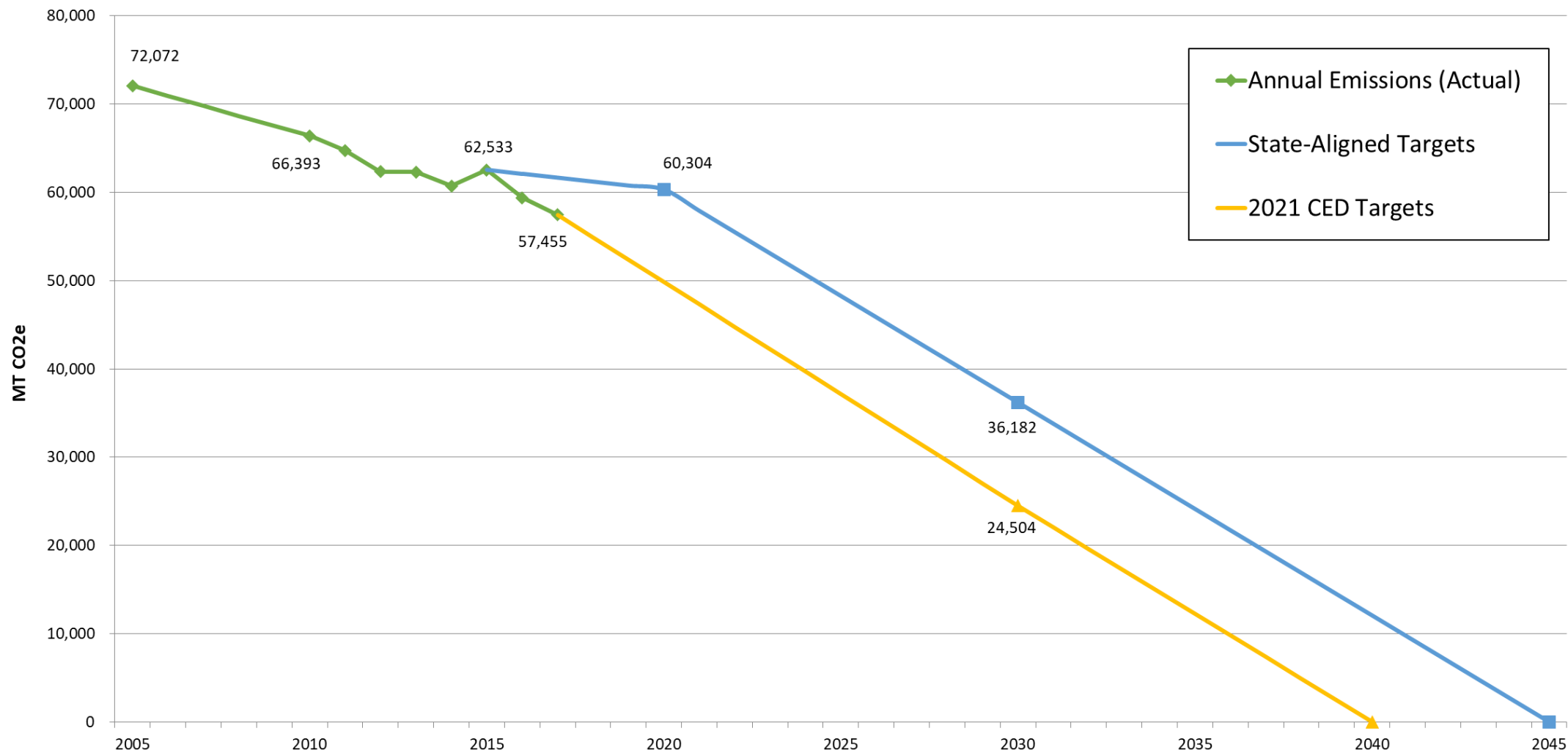


# Resolution No. 2021-62

City Council Adopted July 15, 2021



# Brisbane GHG Emissions and Targets



66% reduction

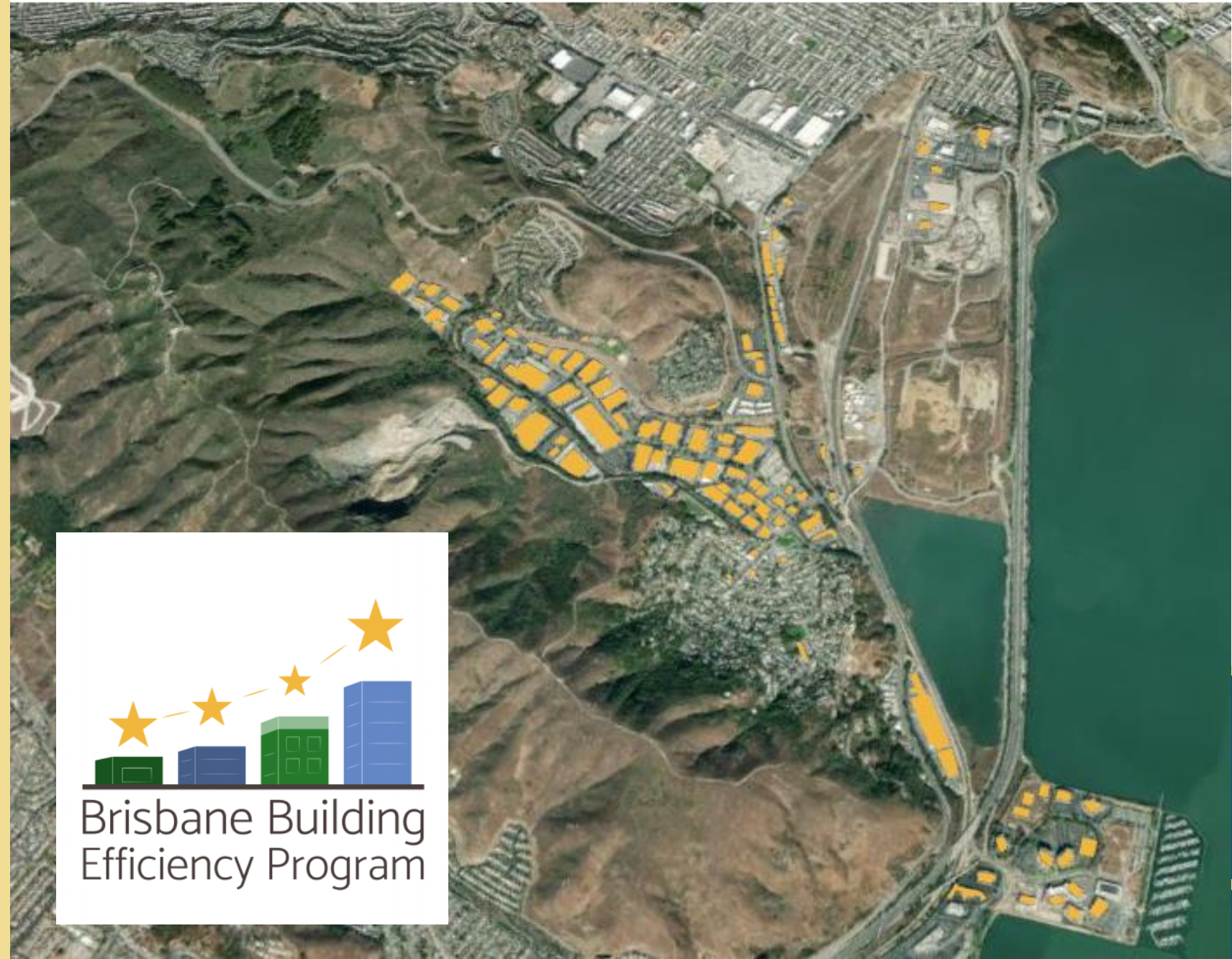
carbon neutral



Updating our Expectations: Climate Emergency Declaration



# Current Efforts – Addressing Existing Building Emissions



# We Are FOODWARE AWARE!

TO REDUCE SINGLE-USE PLASTIC, WE OFFER:

 REUSABLE FOODWARE	 NATURAL FIBER DISPOSABLES	 SMALL ITEMS BY REQUEST
---	---	--



## Current Efforts – Disposable Foodware Ordinance

Adopted by City Council April 15, 2021 – Goes into effect March 25, 2022





# Brisbane Mission Blue Center Solar + Storage



- 11.1 kW rooftop solar
- 25 kW / 155 kWh battery
  - Can provide 24 hours backup at max facility load with no solar production
- 17,400 kWh/yr generation
- 135% of total usage
  - May need to be downsized for interconnection approval

Current Efforts – Bulk Procurement for Energy Resilience in Critical Facilities



**PENINSULA**  
**CLEAN ENERGY**





# Current Efforts – Public EV Charging Design Build RFP

Up to 10 Level 2 Stations at 3 City Sites + DCFC at City Hall





Current Efforts –  
SB 1383  
Implementation



# CalRecycle It's Coming!

## SB 1383 Implementation

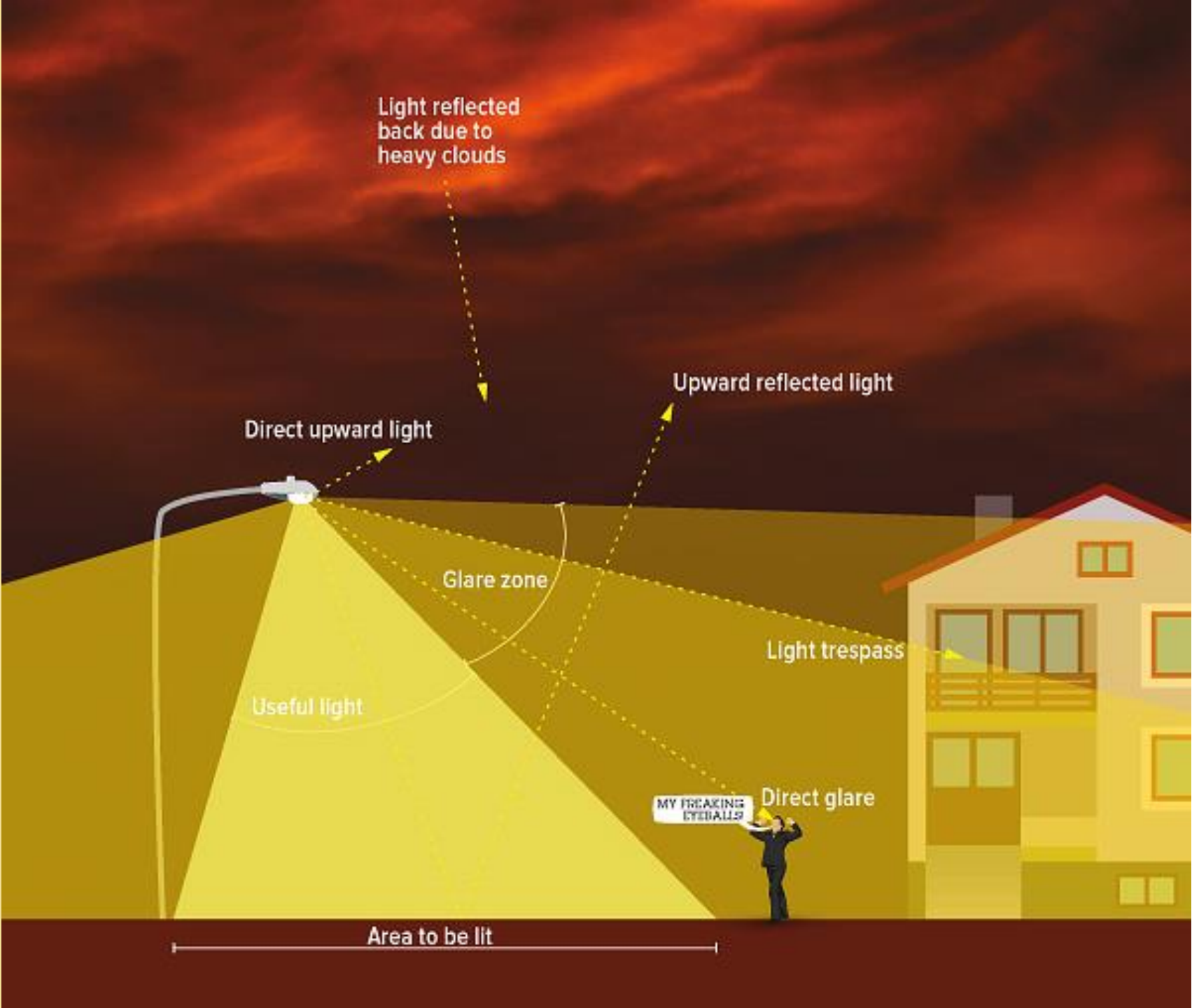
Statewide Residential and Commercial  
Organics Recycling Collection

Edible Food Recovery

Procurement of Recycling Paper, Compost,  
and Renewable Natural Gas

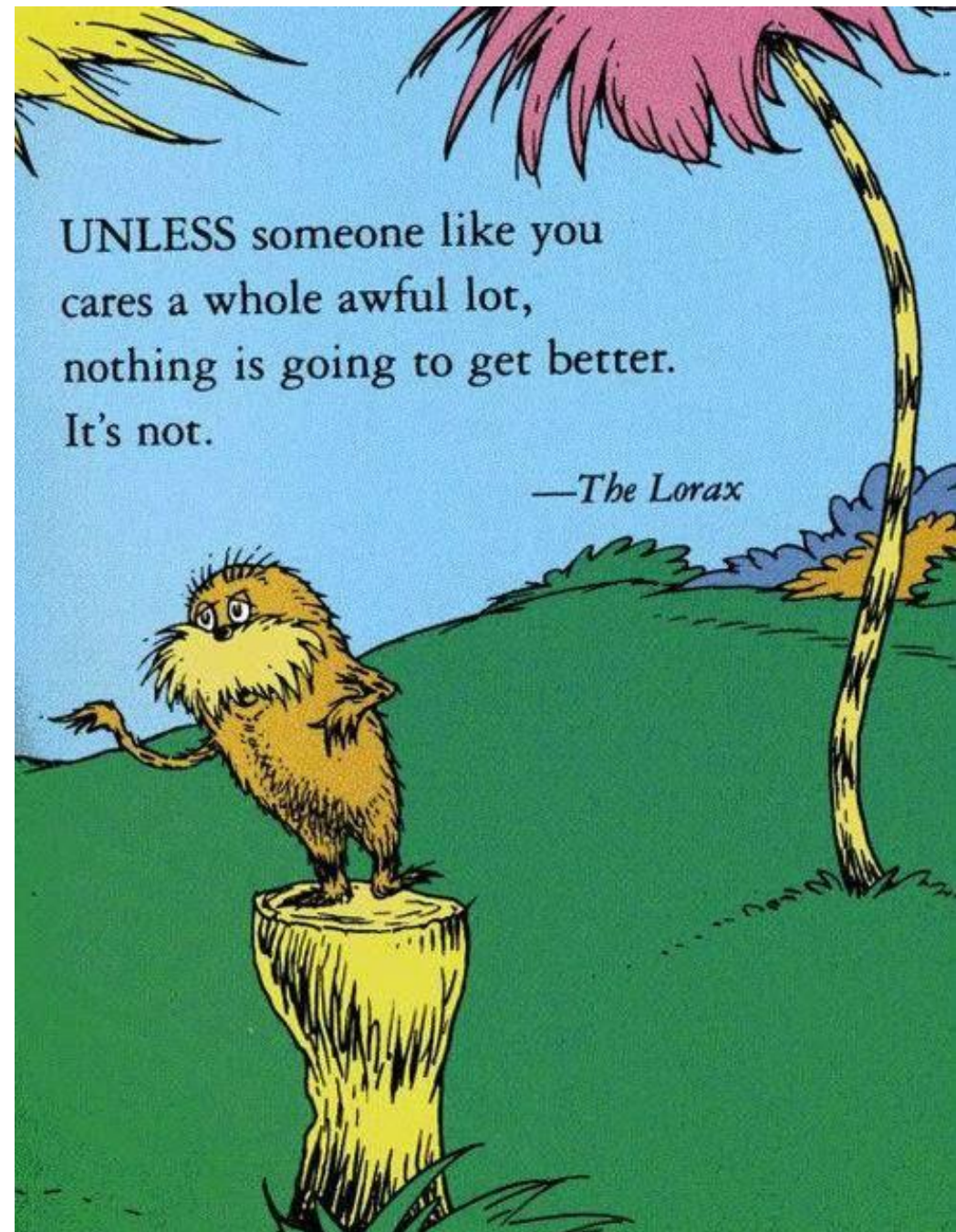


# Current Efforts – Proposed Dark Sky Ordinance





# Your Role in the City's Success



# CLIMATE

# JEOPARDY!

Time to Test Your Knowledge!

