



The Leading Climate Watchdog Organization

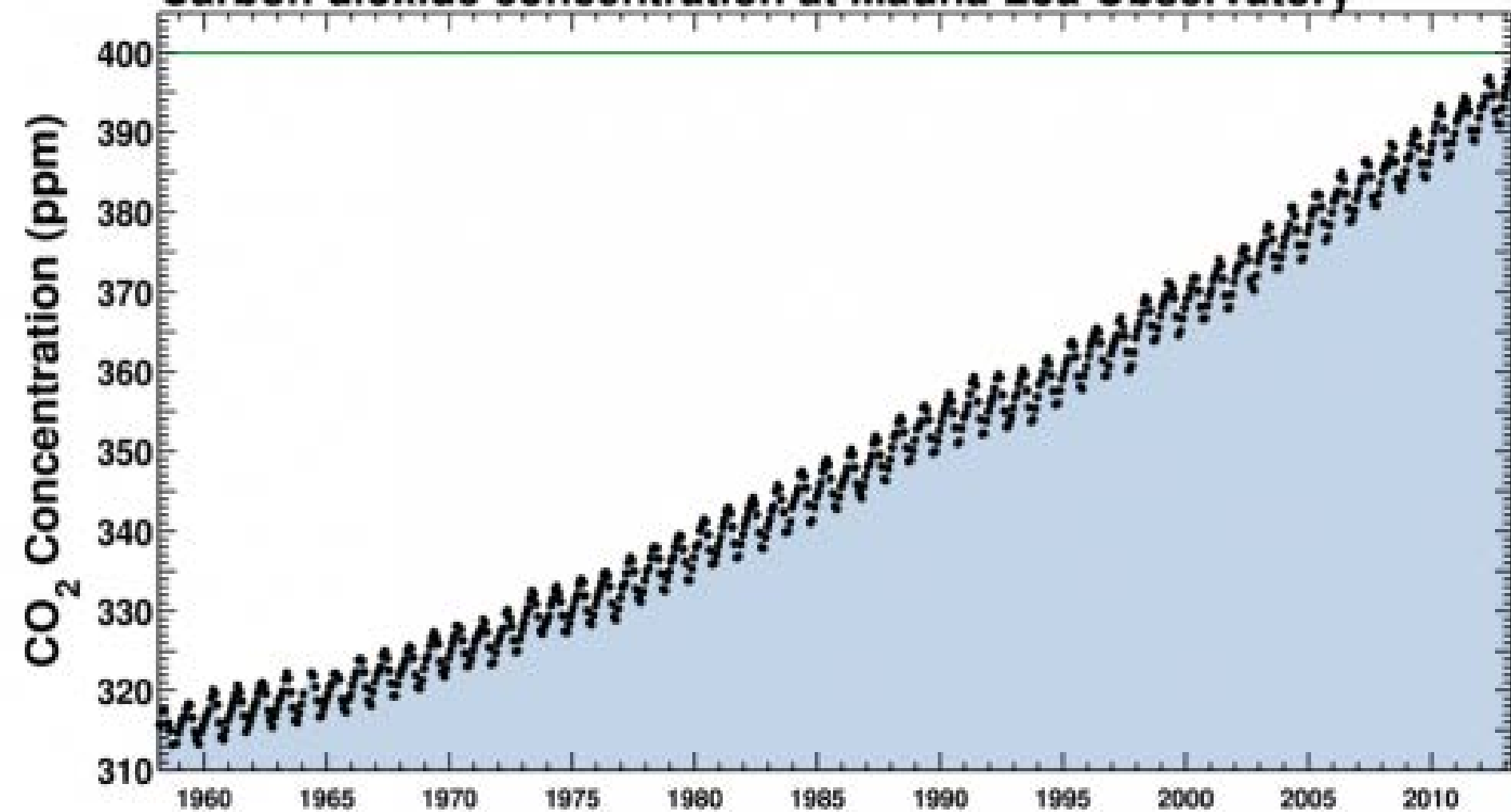
Kayla Race, Director of Operations & Programs
www.climateactioncampaign.org

Climate Change:

A **global problem**
with **local impacts**
and **local solutions**

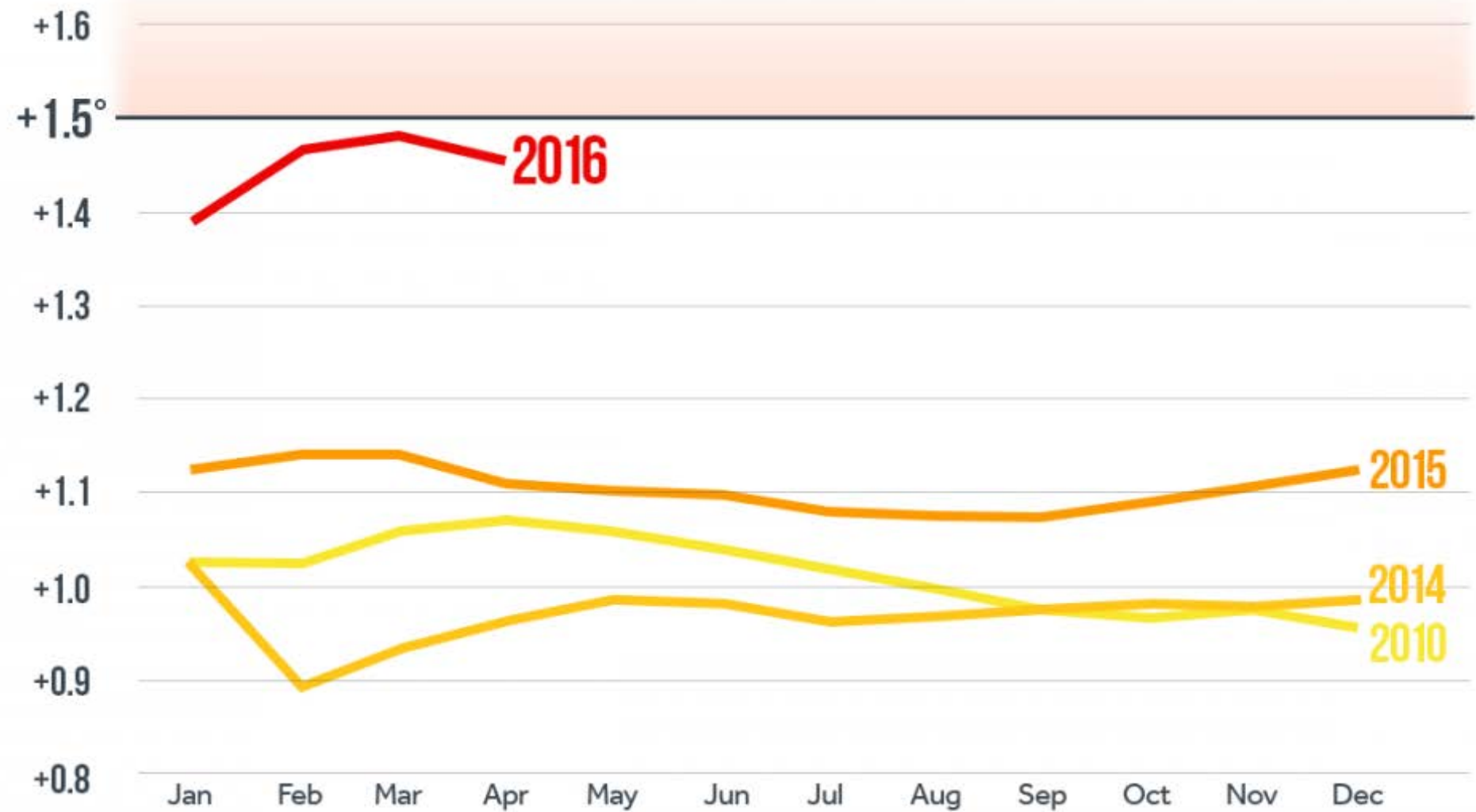
**Change starts
from the ground up.**

Carbon dioxide concentration at Mauna Loa Observatory



On the Edge of 1.5 °C

Global year-to-date anomalies from 1881-1910 baseline



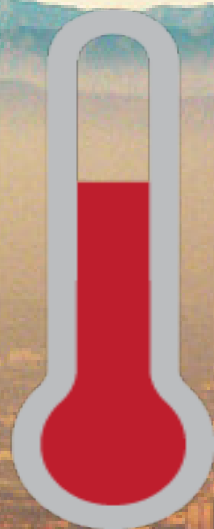
Source: NASA GISS and NOAA NCEI global temperature data averaged and adjusted to early industrial baseline (1881-1910). Data as of May 2016

CLIMATE  CENTRAL

**BY 2050, SCIENTISTS EXPECT THAT WE WILL HAVE
7 TIMES AS MANY DAYS OF EXTREME HEAT PER YEAR
THAN THE PRE-2000 HISTORICAL AVERAGE.**



ONE STUDY MODELED THE HISTORIC IMPACTS OF INCREASING TEMPERATURES ON HOSPITALIZATIONS AND FOUND THAT:




10°F
INCREASE IN
DAILY APPARENT
TEMPERATURE
ABOVE THE
LOCAL AVERAGE

=



+6.3%

INCREASE IN
RESPIRATORY
ADMISSIONS



+4.9%

INCREASE IN
CARDIOVASCULAR
ADMISSIONS



12%

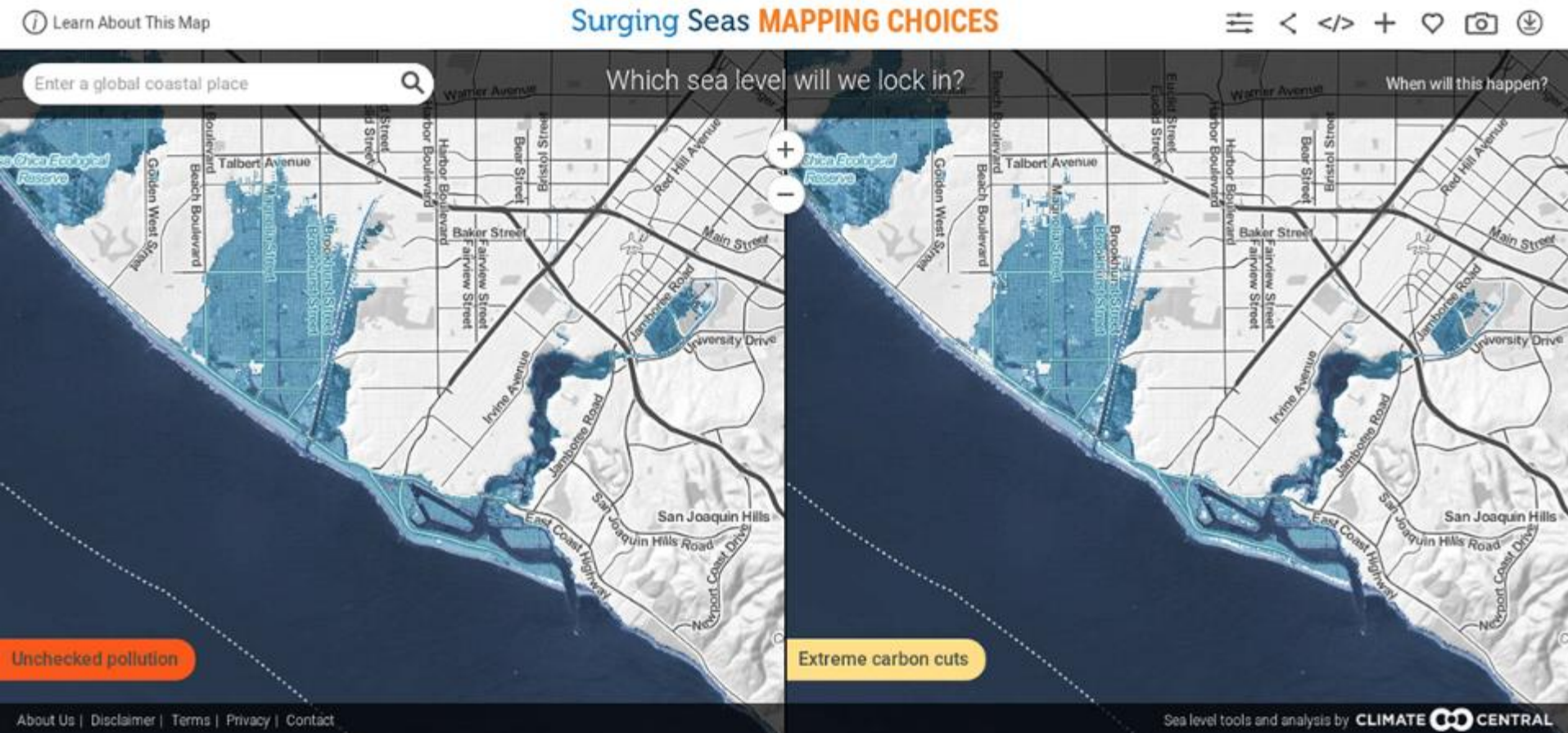


HOMES LOST ANNUALLY TO WILDFIRES IN SOUTHERN CALIFORNIA





Newport Beach Coastline 2050





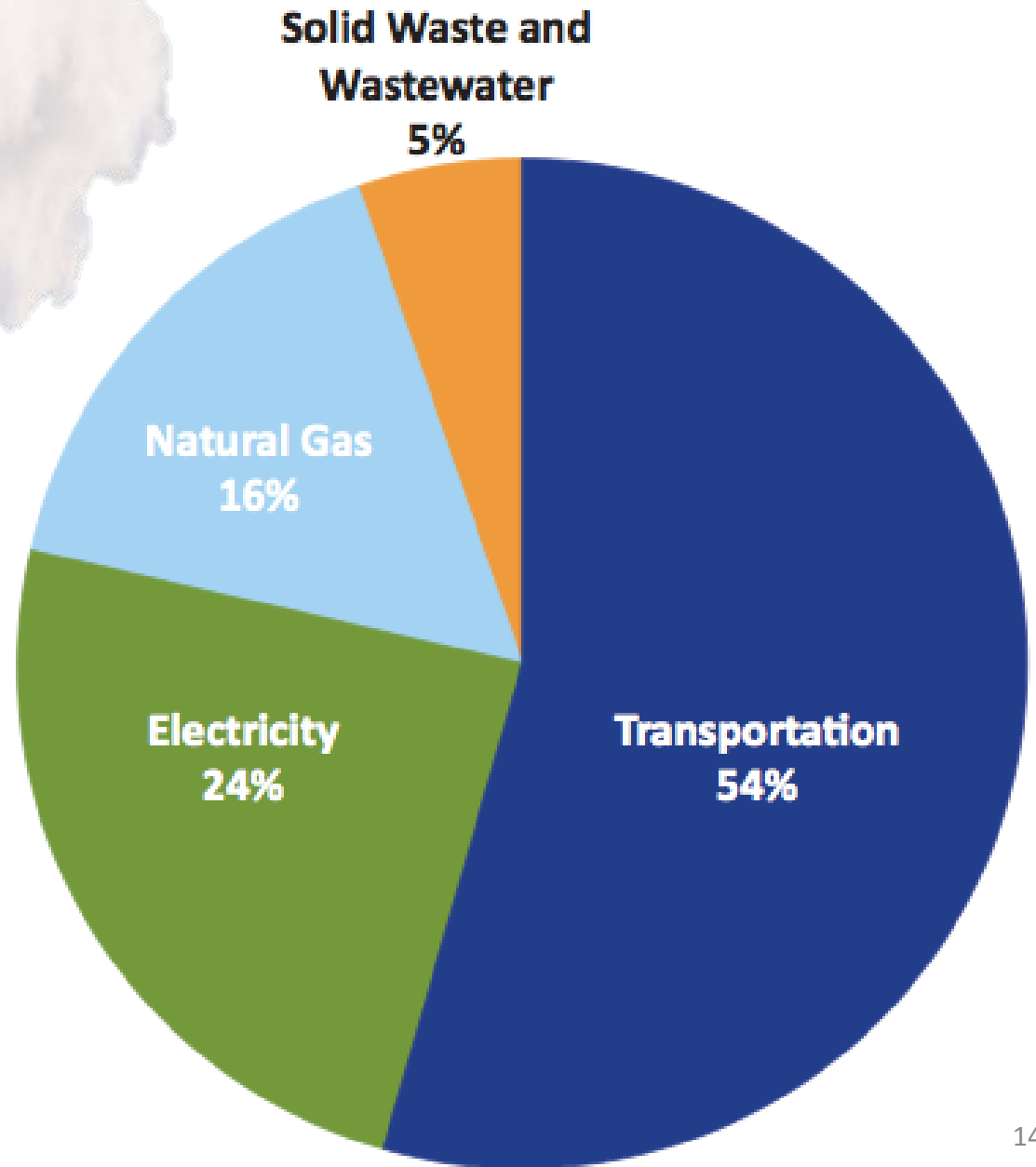
**Where's the pollution
coming from?**



John Gastaldo, UT San Diego



City of San Diego GHG Emissions, 2010



How can we protect the people



and places we love?



CLIMATE ACTION PLAN

Adoption
Draft
2015

GHG Goals - CA Laws

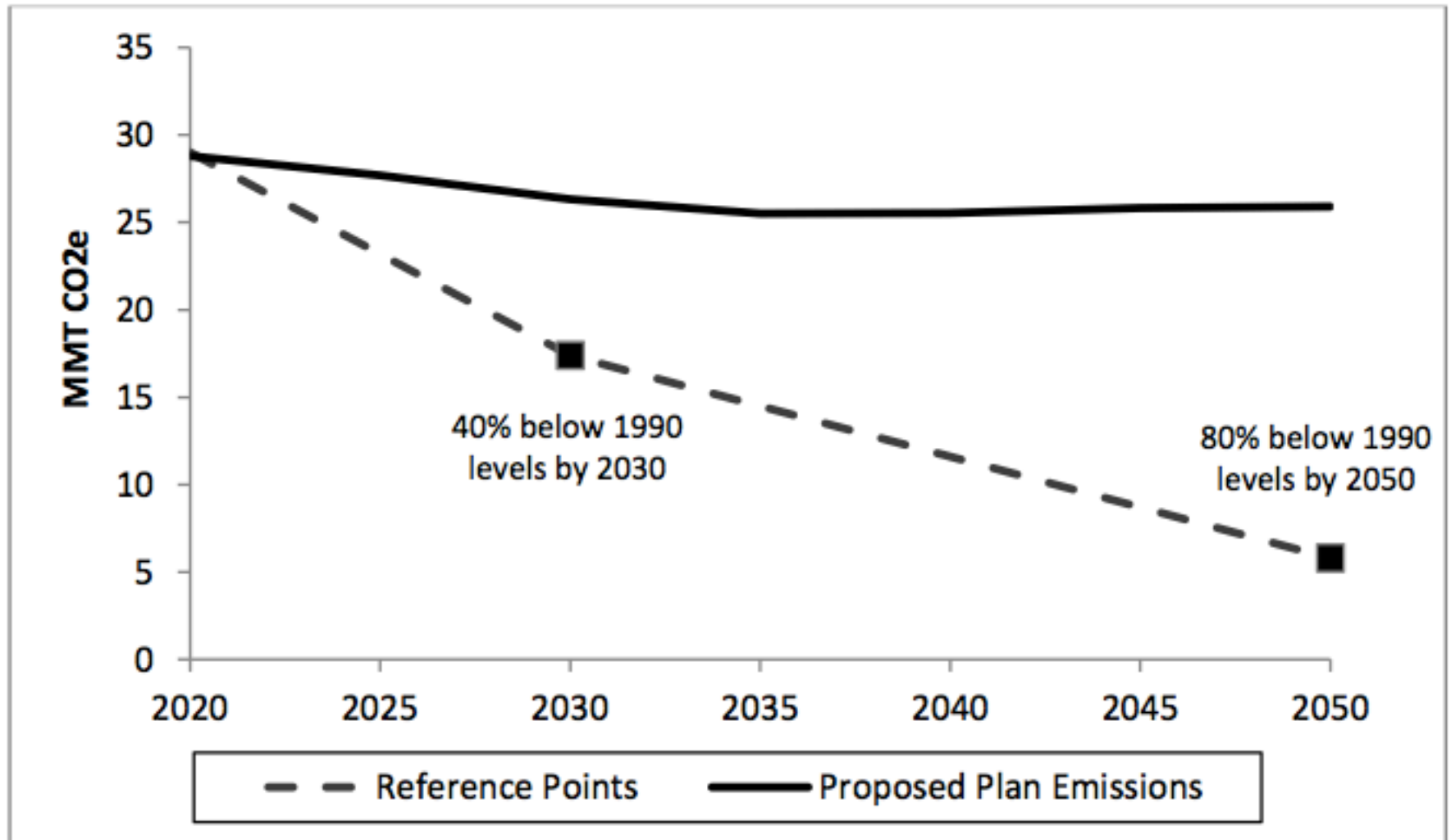
AB 32: 1990 Levels by 2020

NEW! **SB 32:** 40% below 1990 by
2030

Executive Order:

- GHG 80% below 1990 by 2050

Regional Climate Status



Source: Appendix G-1 to the EIR.



100% Clean Energy



Community Choice Energy

How Local Energy Aggregation Works



source



CCA

buying and building
electricity supply

delivery



UTILITY

delivering energy,
maintaining lines,
billing customers

customer



YOU

benefitting from
affordable rates,
local control,
cleaner energy

50%



Strategies to Change Mode-Share

- City strategies
 - Bike Master Plan
 - New Overall Transportation Plan
 - Downtown Mobility Plan
 - Pedestrian Master Plan
 - City of Villages

35% Urban Trees





ZERO waste

Equity / Climate Justice



Why?

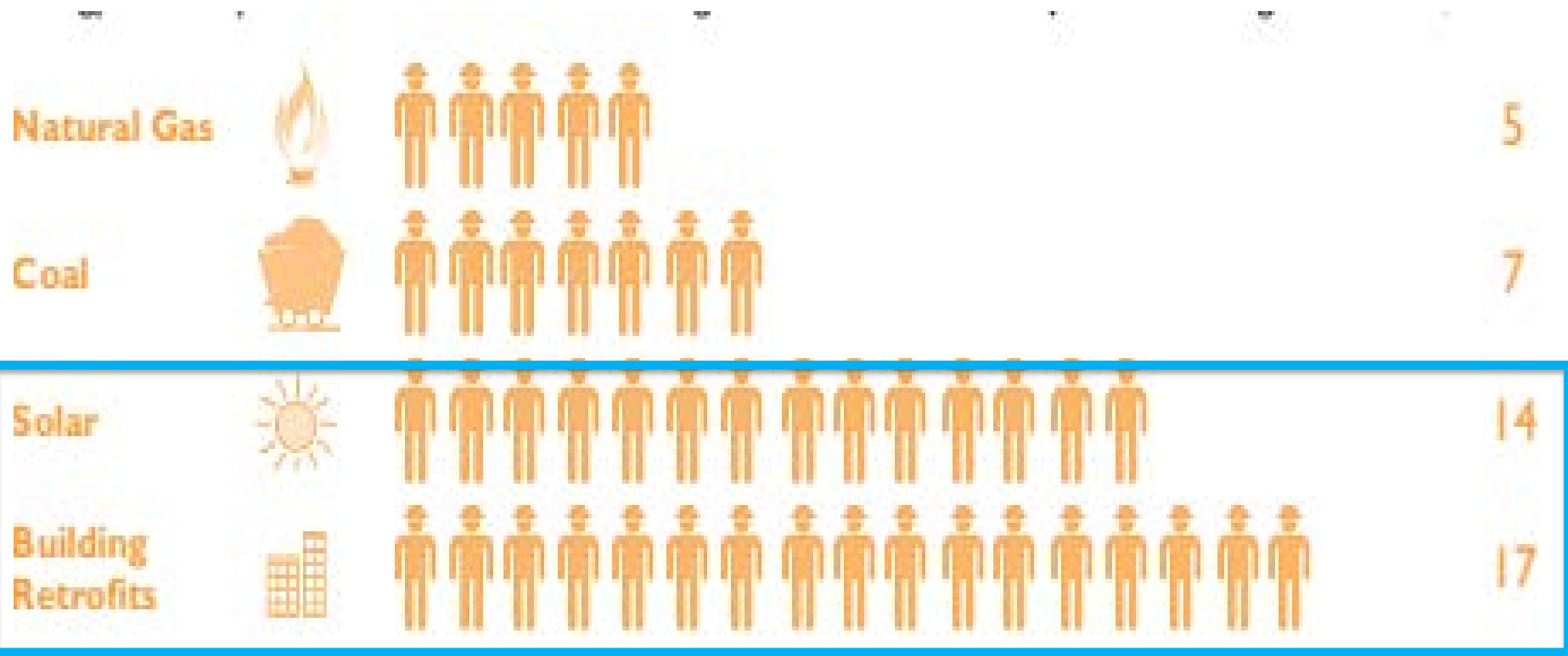
- Clean Air, Better Health, Social Equity
- Clean Energy Business (Solar companies, Biofuels, Smart Grid, Electric Trucks, etc)
- Middle Class Jobs
- Creating Communities for Millennials & Seniors
- Creating World Class Cities
- Saving World



2015: 8,300 solar jobs in San Diego



Jobs Created for every \$1M Invested



How San Diego won a 100% Clean Energy Climate Plan

The Political 5 Step Plan

1. Vision & Leadership



2. Smart, Inside-of-Government Advocates



3. Outside Force

Broad-based coalition of environmental, labor, business, & community





4. Public Education & Engagement

- Neighborhood Councils/Planning Groups (especially those officially recognized by cities)
- Community Forums, Rotary Clubs, etc
- Trusted messengers
- Elected officials

Reports & Media



1 Big Report
that got Big Attention



15 Rallies &
Press Conferences

100 Media Stories



5. California Laws

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Join the Movement



/ClimateActionCampaign



@sdclimateaction



@sdclimateaction

www.ClimateActionCampaign.org

Bonus Slides

100% by 2035



MONOPOLY

VS.

CHOICE





“Lower rates with a higher renewable energy content”

CCA is Poised for Growth in CA



Operational CCAs

MCE Clean Energy
Lancaster Choice Energy
Sonoma Clean Power

Exploring / in Process

Alameda County
Butte County
City of Arcata/Humboldt County
City of Davis/Yolo County
City of San Diego
City/County of San Francisco
City of Sunnyvale/Silicon Valley Partnership
Contra Costa County
LA County/South Bay Consortium
Lake County
Mendocino County
Monterey Bay Community Power (Tri-County)
Napa County Cities
San Bernardino County
San Diego County
San Luis Obispo/Morro Bay
San Mateo County
Santa Barbara County
Solano County
Ventura County