

Climate Change & Climate Action

Ayn Craciun, OC Policy Advocate



CLIMATE ACTION

C A M P A I G N

FIVE FIGHTS | ONE LENS

Through the lens of equity and justice, we are fighting for a Zero Carbon future with:



100 % Clean Energy

Two-thirds of San Diego is powered by polluting fuels. We're changing that in a big, 100% renewable way.



Bikeable-Walkable Neighborhoods

We must build affordable, healthy neighborhoods that make it possible for all San Diegans to walk and bike to places they work, shop, and play.



World-Class Transit

We need a world-class transit system that gives families good transportation choices, reduces carbon emissions, improves public health, and expands economic opportunities for all.



Shade Trees

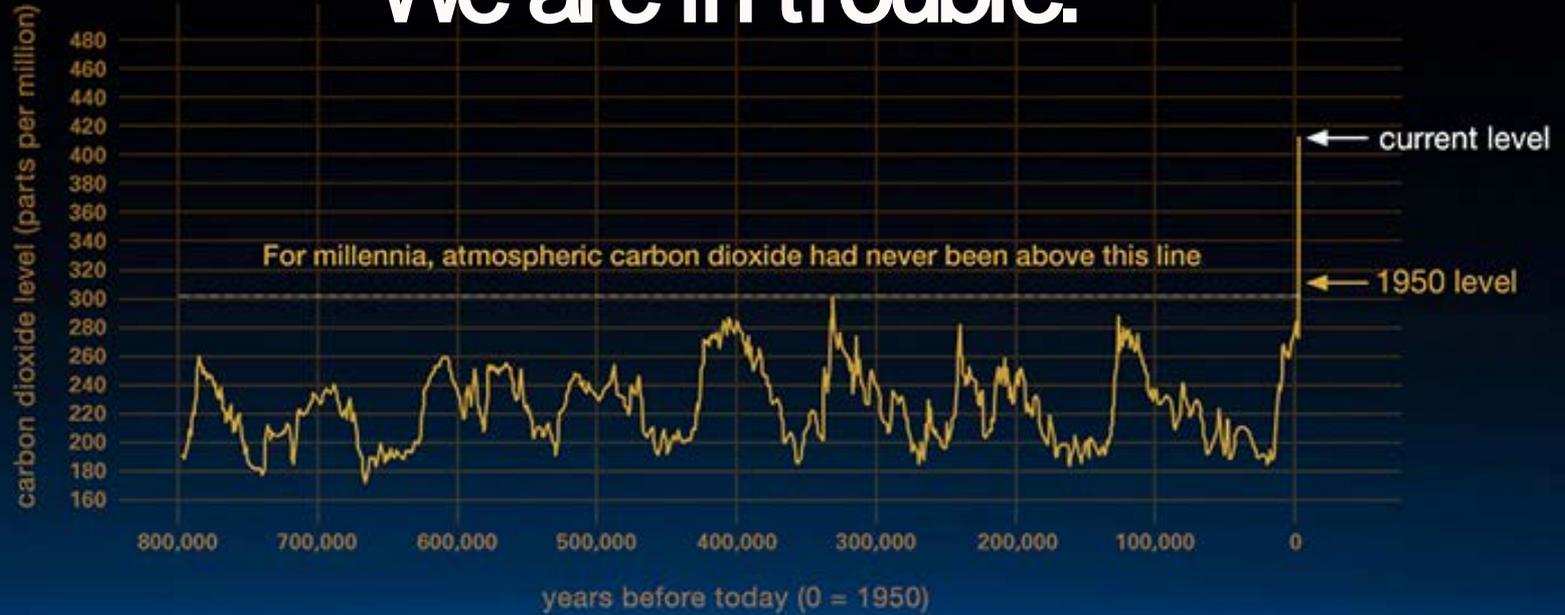
Trees play a dual role in fighting the climate crisis: They pull carbon out of the air and also cool our streets as temperatures rise. We must prioritize planting shade trees in communities of concern, where families are most impacted by the climate crisis.



All-Electric Homes

Homes powered by clean electricity are not only climate friendly, they are also safer and healthier than homes powered by polluting gas that is drilled and fracked from the ground.

We are in trouble.



UN Report: Inequalities exacerbate climate impacts on poor

“Sadly, the people at greater risk from climate hazards are the poor, the vulnerable and the marginalized who, in many cases, have been excluded from socioeconomic progress.”

-- United Nations Secretary-General Ban Ki-moon



Who told you the earth was warming... Chicken Little?



Ad produced in 1991 for the Information Council on the Environment, backed by the Edison Electric Institute and Southern Company.

Chicken Little's hysteria about the sky falling was based on a fact that got blown out of proportion.

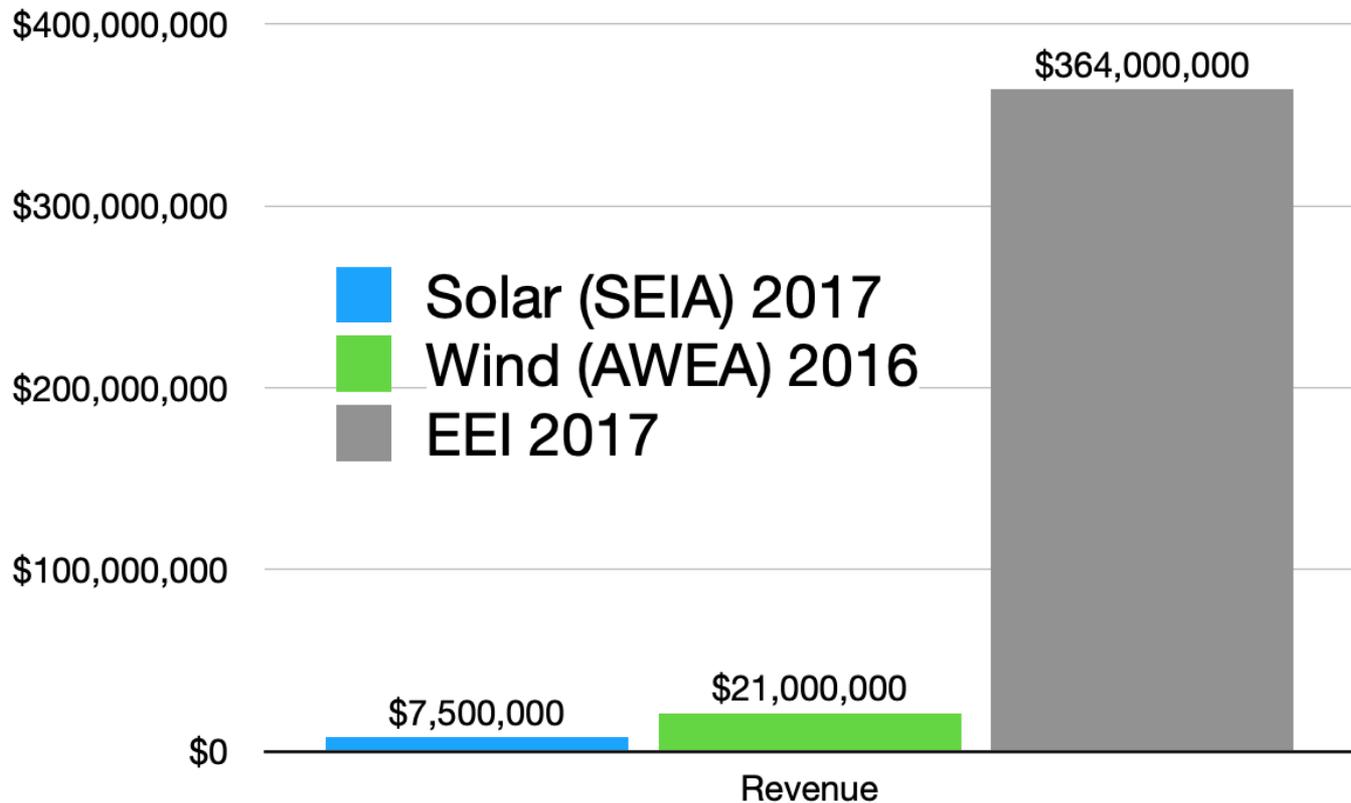
It's the same with global warming. There's no hard evidence it is occurring. In fact, evidence the Earth is warming is weak. Proof that carbon dioxide has been the primary cause is non-existent. Climate models cannot accurately predict far-future global change. And the underlying physics of climatic change are still wide open to debate.

If you care about the earth, but don't want your imagination to run away with you, make sure you get the facts.

Write Informed Citizens for the Environment, P.O. Box 1513, Grand Forks, North Dakota 58206, or call toll-free 1-701-746-4573. We'll send today's



Revenue for Wind, Solar and Investor-Owned Electric Utility Trade Associations

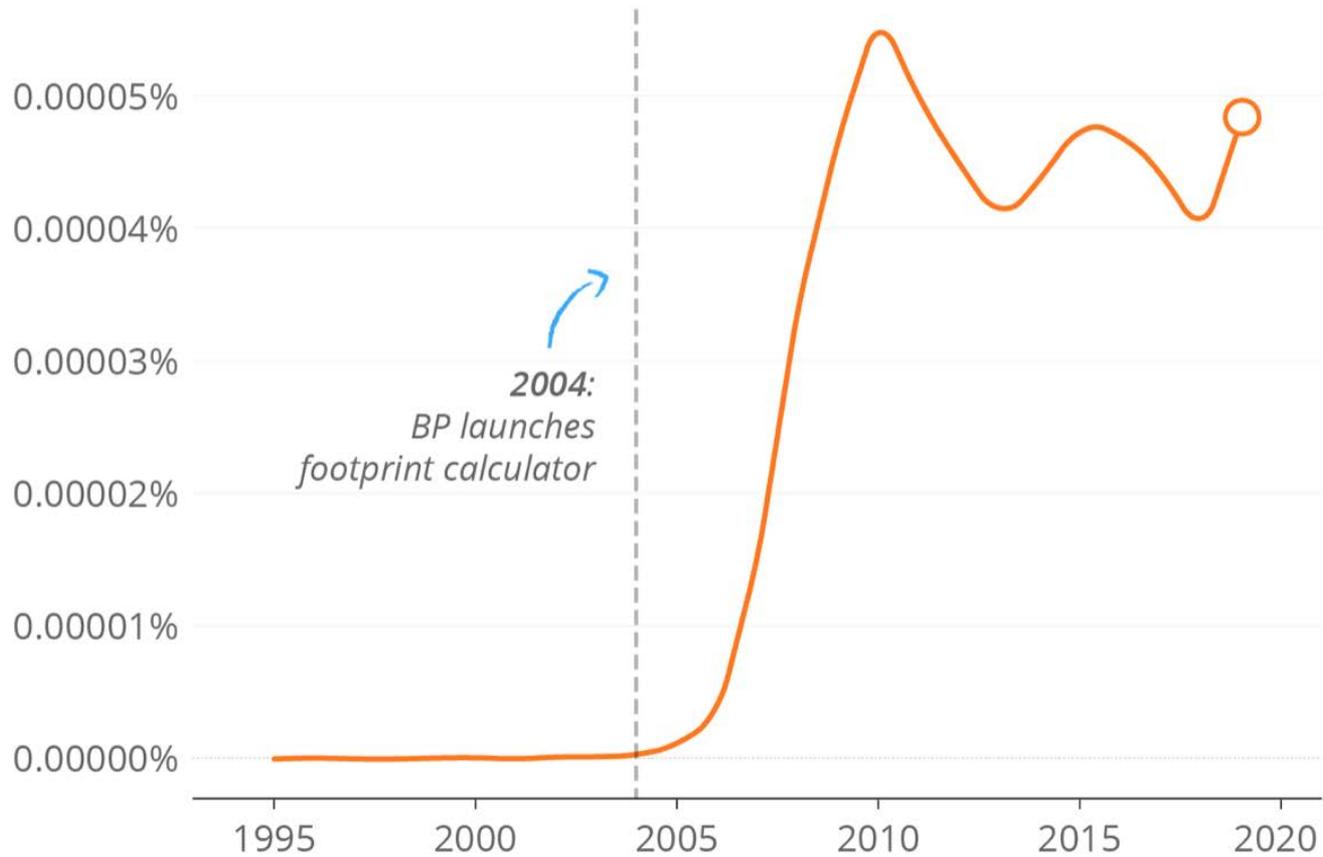


Solar Energy Industries Association (SEIA) is the national trade association for the U.S. solar industry.

American Wind Energy Association (AWEA) is an association representing wind power project developers and others involved in the wind industry.

Edison Electric Institute (EEI) is an association that represents all U.S. investor-owned electric companies.

Frequency of "carbon footprint" in Google Books



Source: Google Books Ngram Viewer

A photograph of a dirt path winding through a forest with trees in full autumn foliage. The leaves are in shades of orange, red, and yellow. The path is covered in fallen leaves and leads into the distance. The text is overlaid on the center of the image.

**START WHERE YOU ARE
USE WHAT YOU HAVE
DO WHAT YOU CAN**

— Arthur Ashe —

A black and white portrait of Alice Walker, looking upwards and to the right with a thoughtful expression, her hand resting under her chin. The background is dark, making her face the central focus.

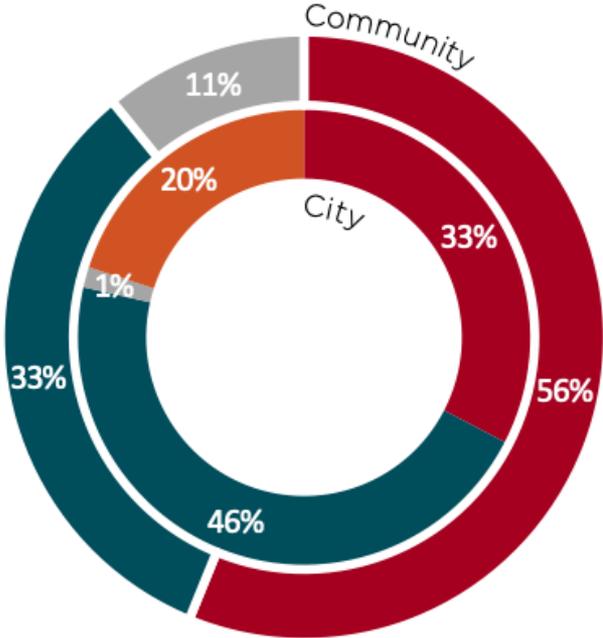
“
THE MOST COMMON
WAY PEOPLE GIVE UP
THEIR POWER IS
BY THINKING THEY
DON'T HAVE ANY.

”

ALICE WALKER

City of Irvine

Operational Emissions Breakdown



■ Facilities ■ Transportation ■ Waste ■ Services

Annual CO2 Impact of Individual Climate Actions

Tons CO2-equivalent emission reductions per year

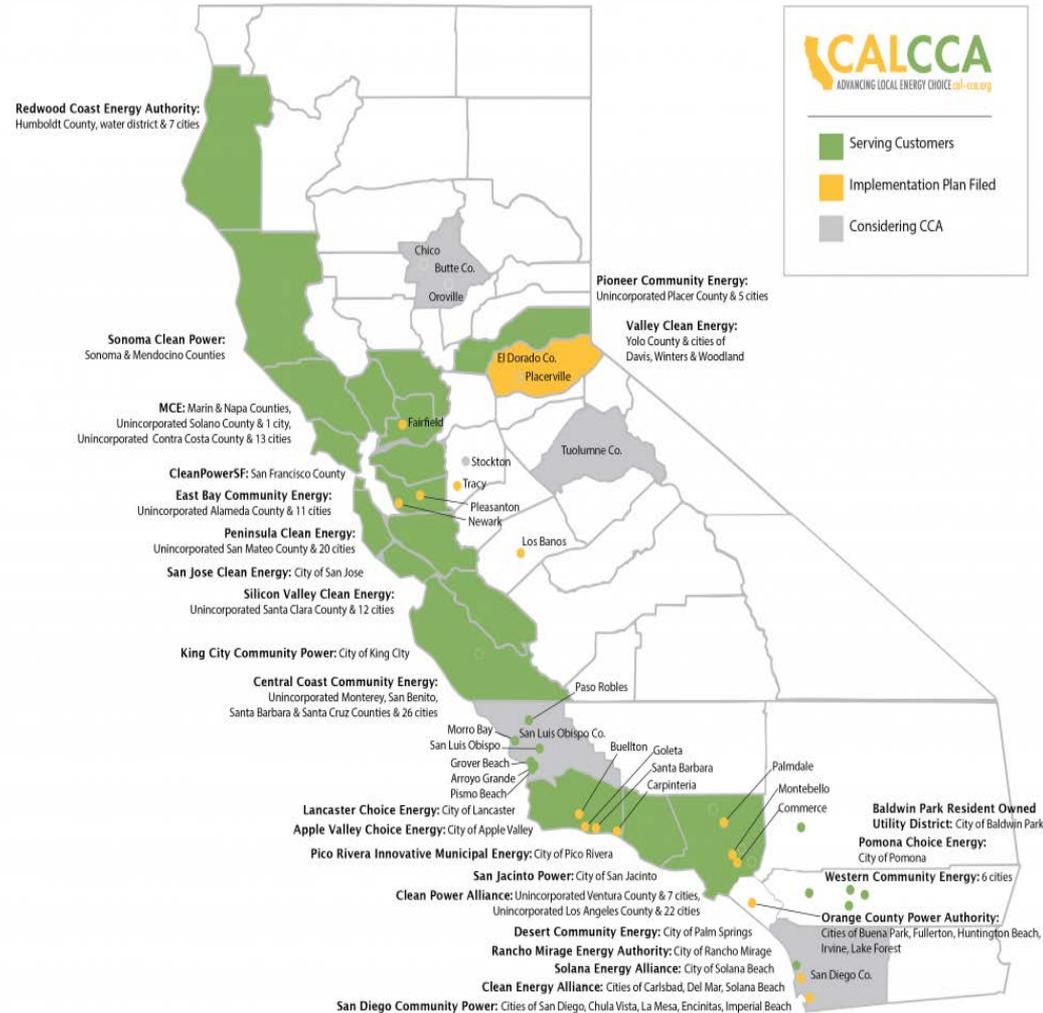
The City of Irvine study found Community Choice Energy will reduce GHG emissions by 360,000 tons CO2/year.

Sources: Irvine CCE feasibility study, 2019; and "The Climate Mitigation Gap" Seth Wynes/ Kimberly Nicholas, *Environmental Research Letters*, 2017



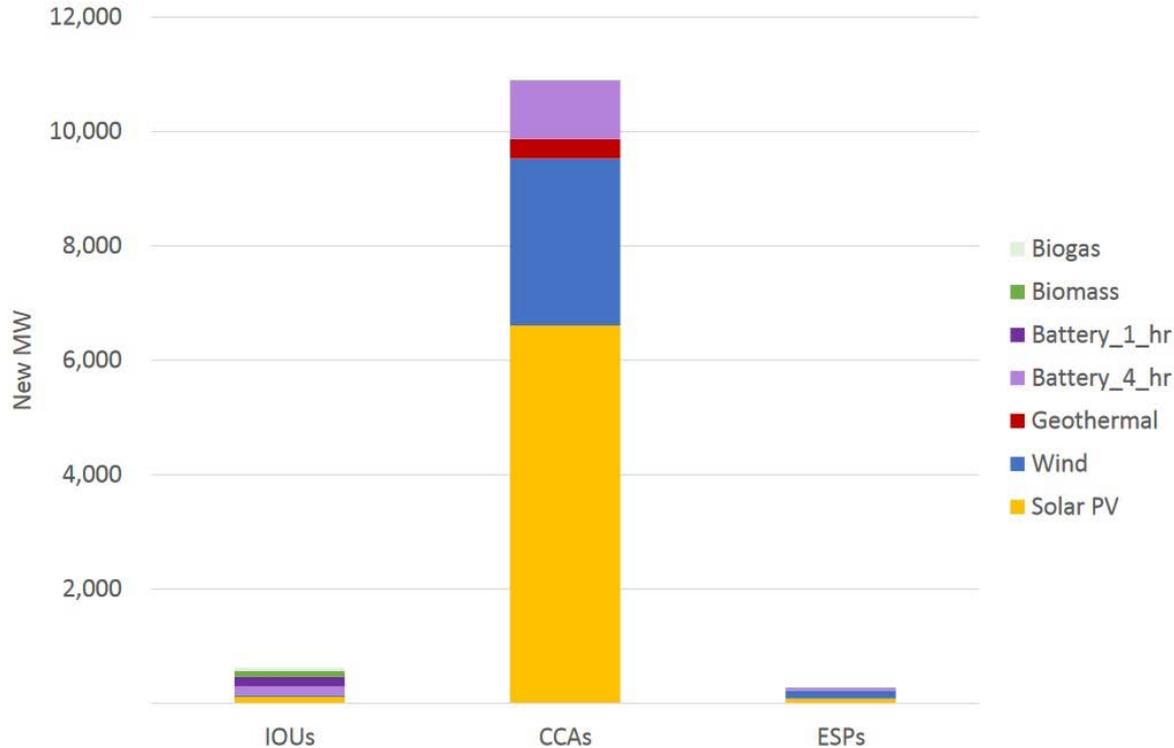
What is Community Choice?

- **Not-for-profit** governmental entity for power procurement
- Established in 2002 by California AB 117
- Today: 24 CCEs serve 11+ Million customers, providing 34,000 GWh/yr
- By 2022, 25% of cities in SCE territory will be under a CCE. 80% by 2030



CCEs Buy 10 Times More Renewables Than Investor-Owned Utilities

2030 new projects by LSE type, MW



Source: California
Public Utilities
Commission

TIMESOC



As climate change reaches ‘code red,’ Irvine becomes first city in O.C. to pledge carbon neutrality



A large crowd gathered to draw attention to climate change in Irvine in September 2019. (Raul Roa / Staff Photographer)

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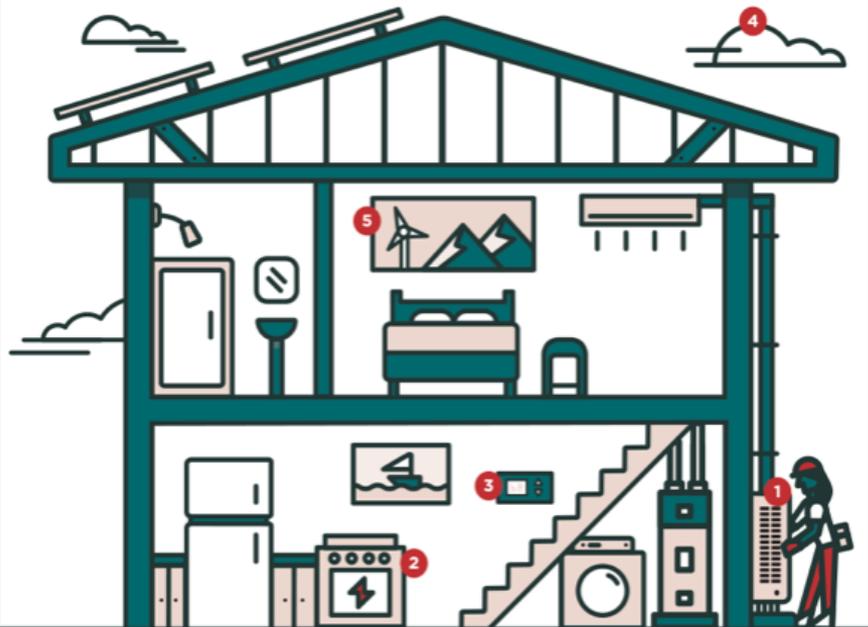
A photograph of an industrial gas processing plant. The scene features several large, blue corrugated metal buildings with grey roofs. In the foreground, there is a dense field of green and brown brush. A tall utility pole with power lines is visible on the right side. The sky is a clear, pale blue. Centered in the upper half of the image is white text.

When methane escapes into the air, it acts as a
potent greenhouse gas.



This shed appeared to be emitting clouds of methane from all sides.

CLEAN ALL-ELECTRIC HOUSE



- 1 Local clean energy jobs
- 2 Health and safety benefits
- 3 Saves money and energy
- 4 Clean air
- 5 Renewable energy

GAS-BURNING HOUSE



- 1 Powered by gas
- 2 Health and safety risks
- 3 Wastes energy
- 4 Methane leakage
- 5 Indoor and outdoor air pollution

BUSINESS



Encinitas just banned natural gas in new buildings, including homes



Encinitas Mayor Catherine Blakespear, with Encinitas City Councilmember Joe Mosca in the background, speaks at a news conference in favor of passing a building electrification ordinance for the city. (Rob Nikolewski/The San Diego Union-Tribune)

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select government
assistance recipients.



Learn more ▶

To do:

- Find or form a local climate action group
- Zonta Climate Cmte???
- Or join Mothers Out Front, 350.org, Climate Reality Project
- Set a policy goal (bldg electrification, Climate Action Plan, or CCE) and audience
- Meet regularly
- Build community support
- Make visible the invisible - Use social media to raise awareness, research your audience/elected representatives
- Ask your elected officials to meet and discuss your policy
- Write letters to your city council to ask for your policy
- Go to council meetings to ask for your policy
- Make a stink. Persist.**

- ❑ Use your anger/worry/fear as motivation
- ❑ Talk about climate change - on social media and in person
- ❑ Climate voter guide
- ❑ USE YOUR POWER
- ❑ Get endorsements/support/volunteers from groups you belong to:
 - Faith community
 - School, PTA
 - Kids sports teams
 - Businesses you frequent
 - Workplace
 - HOA
 - Bridge Club
 - Volunteer/civic group

OC and SD residents:

- Same as above and...
- Sign up for [Climate Action Campaign action alerts](#)
- Email me to join the OC Climate Coalition - ayn@climateactioncampaign.org
- SD: Join the SD Green New Deal Alliance
- Support climate candidates
- Support climate causes

More info:

- Bldg Decarbonization: <https://earthjustice.org/features/report-building-decarbonization>
- Community Choice Energy: Cal-cca.org

Recommended reading:

- *The Catalyst* by Jonah Berger
- *Revolutionary Power* by Shalanda Baker
- *Short Circuiting Policy* by Leah Stokes
- *White Fragility* by Robin DiAngelo

Contact Climate Action Campaign

Ayn Craciun
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Climate Action Campaign
949-400-9682
ayn@climateactioncampaign.org

Call/Text/Email Anytime

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