



Climate-Safe California

Together, we can make California the first state in the nation to become carbon negative.

the
climate
center

RAISING THE ALARM

Evidence that tipping points are under way has mounted in the past decade. Domino effects have also been proposed.



A. Amazon rainforest
Frequent droughts

B. Arctic sea ice
Reduction in area

C. Atlantic circulation
In slowdown since 1950s

D. Boreal forest
Fires and pests changing

F. Coral reefs
Large-scale die-offs

G. Greenland ice sheet
Ice loss accelerating

H. Permafrost
Thawing

I. West Antarctic ice sheet
Ice loss accelerating

J. Wilkes Basin, East Antarctica
Ice loss accelerating

The Challenge... Tipping Points

“Fossil fuels are choking humanity”: Major UN report sounds the alarm on climate impacts



Failing to act today will cost us down the line



Climate-Safe California

Climate-Safe California is a unique and comprehensive campaign to make California the first state in the nation to become carbon negative.

Guiding Principles

Climate-Safe California — and all of The Climate Center's work — is guided by these core principles:

1. Follow the latest science
2. Secure a just transition for fossil fuel workers and their families
3. Prioritize climate justice with equitable access to climate solutions



Strategies that work



**Phase out
fossil fuels**



**Scale up natural
carbon removal**



**Invest in resilient
communities for all**



**Fund climate
action now**

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Investments in improving building performance and building electrification are an important part of The Climate Center's Climate Safe California campaign.

This work falls within the fossil fuel phaseout part of the campaign.



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The need to eliminate methane

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Speed and Scale

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Bold Targets Work!

- **AB 1493 (2002) tailpipe emissions cuts:** Later adopted by 13 other states, became the basis for 2010 national clean car standards
- **SB 100 (2017) 100% carbon-free electricity by 2045:** Already adopted by 10 other states and Biden Administration with earlier deadlines
- **Gov. Newsom Executive Order 100% ZEV car sales by 2035 (Sept 2020):** GM announced it will sell only 100% ZEV cars by 2035 (Jan 2021); Volvo by 2030 (Mar 2021)

California Has Fallen Behind

- ✓ **European Union:** Cut GHGs by at least 55% by 2030 ... from 1990 levels to reach net zero emissions by 2050
- ✓ **Denmark:** 70% GHG cut below 1990 by 2030;
- ✓ **Rhode Island:** 100% GHG free electricity by 2030
- ✓ **United Kingdom:** Cut GHGs 68% by 2030 from 1990 levels; 100% ZEV sales by 2030; 100% clean electricity by 2035



California Must Lead Again

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Our Vision:

**Thriving, Healthy
Communities**