



GETTING TO ZERO

SAN DIEGO COUNTY
REGIONAL DECARBONIZATION FRAMEWORK

A COLLABORATIVE EFFORT TO LOWER THE REGION'S CARBON FOOTPRINT

The integrated Framework includes five key emitting sectors with **jobs** and **social equity** interwoven throughout.



BUILDINGS



ELECTRICITY



FOOD SYSTEMS &
CIRCULAR ECONOMY



LAND USE & NATURAL
CLIMATE SOLUTIONS



TRANSPORTATION

Recognizing the need for a regional approach to addressing climate change,

in January 2021, the County's elected leaders voted to take a leadership role in coordinating our region's climate action efforts. This Framework provides science-based pathways to inform policy making in regional, county, and city governments toward reducing greenhouse gas emissions in the San Diego region. It is separate from but complements specific climate action plans by local governments.

Three components of the integrated Framework:

- Technical Report of **baseline emissions** across the sectors and strategies to reach zero carbon emissions
- Workforce Development Study to ensure we have high-quality, family-supporting **green jobs**
- Implementation Playbook with **voluntary policies, programs, and projects** co-developed with stakeholders to achieve a zero carbon future

PROJECT TIMELINE

Jan 2021
Board Direction

July 2021
Renewable Energy
Production Analysis

Nov 2021
Draft Technical Report

March 2022
Draft Workforce
Development Study

January 2023
Draft Implementation
Playbook

Spring 2023
Final Framework for Board
Consideration



Get Involved!

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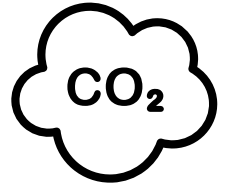


ABOUT DECARBONIZATION IN THE SAN DIEGO REGION



WHAT'S CLIMATE CHANGE?

Climate change refers to long-term shifts in average weather patterns, like temperature, rainfall, and snowfall. Human activities that release carbon dioxide and other gases into the air causing the atmosphere to trap heat are the main driver of climate change. Gases in the atmosphere are called "greenhouse gases" because they heat the planet like a greenhouse heats up.



WHY DOES CLIMATE CHANGE MATTER AND WHAT DOES IT MEAN FOR THE SAN DIEGO REGION?

A changing climate means that natural systems will change. Climate change is affecting polar ice caps, forests, rivers, farms, and cities. Our Southern California communities will likely experience things like hotter summers, wildfires, droughts, and changes to food production.

WHAT DO WE NEED TO DO?

We need to reduce our emissions. The biggest emissions sources for our region - transportation, electricity generation, and natural gas use in buildings - contribute about 80% of total regional emissions, so getting these as close to zero as possible will create significant reductions. Reducing emissions from a process or sector is called "decarbonizing".



As we move forward, some key takeaways from Framework studies:

Decarbonizing
through
reducing GHG
emissions is
technically
feasible.

Decarbonization
can create net
jobs in the
region through
2030.

Collective
actions can be
greater than the
sum of individual
actions.

Regional
collaboration is
necessary to
achieve climate
and equity goals.



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