

CLIMATE ACTION

Reduce GHGs Increase Environmental Justice

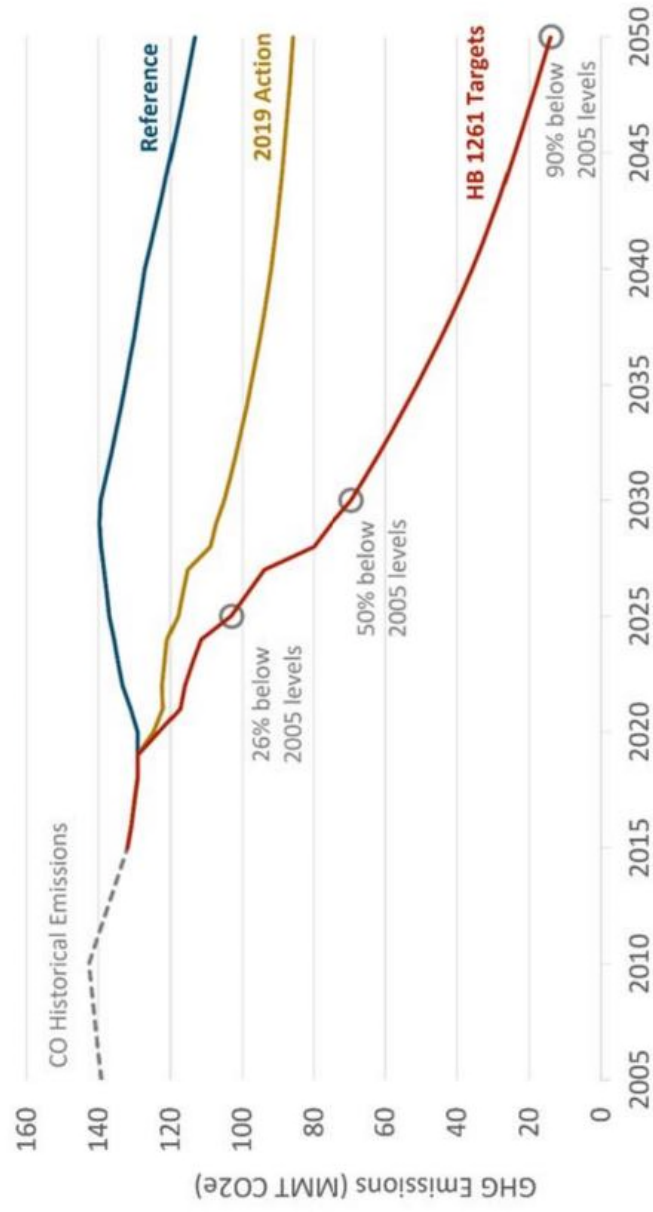
SB21-200

What can Colorado do to take climate action?

State Work

- 2019 – CO passes historic legislation setting GHG emission reduction targets for 2025, 2030, & 2050
- 2020 – Gov. Polis releases draft *GHG Pollution Reduction Roadmap*
- 2020 – Air Quality Control Commission unanimously passes a *Resolution to Ensure GHG Reduction Goals are Met*
- 2021 – Sen. Winter & Rep. Jackson introduce SB21-200 & HB21-1266 to codify GHG pollution limits from the *Resolution* and to center environmental justice and community engagement

Figure 2: Scenario Projections of Colorado's Potential GHG Emissions



Gets CO on track with our Climate Action Plan

- Approves and codifies the sector specific, mass based, pollution limits that the AQCC adopted in December 2020;
- Provides additional funding for CDPHE to implement GHG reduction rules;
- Ensures that equity values laid out in the Roadmap and Equity Framework are operationalized.

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Hits our emission reduction goals

- Establishes emission reduction targets needed to be achieved in each sector in order to ensure Colorado meets the science-based climate goals established in HB 19-1261, Colorado's Climate Action Plan.
- Supports the AQCC to make rules of sufficient stringency and ambition to meet the urgency of the moment and achieve our state climate goals.
- Creates flexibility by allowing the AQCC to pursue a multi-sectoral approach or adjust sector-specific targets if it provides additional benefits.

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Builds on AQCC Resolution to Ensure Greenhouse Gas Reduction Goals are Met

- In Dec. 2020, the Air Quality Control Commissioners unanimously approved mass-based emissions reduction targets for specific sectors (pictured here)
- SB21-200 draws numbers directly from this Resolution, which are based on Gov. Polis' Roadmap

A. The Commission hereby adopts the following sector-specific emission targets in Table 1 (using AR5, 100 yr global warming potential) to demonstrate that Colorado is on track to achieve the GHG reduction goals:

Table 1: Sector GHG Emissions Targets

Sector	Revised 2005 Baseline (MMT CO2e)	2025 Target (MMT CO2e)	2030 Target (MMT CO2e)
Electricity	40.28	21	8
Oil and Gas	20.17	13	8
Transportation	30.71	23	18
Residential, Commercial, Industrial Energy Use	24.65	26	20
Other	23.42	19.9	15.6
Total	139.22	102.9	69.6
Percent Reduction	--	26%	50%

Creates additional funding by closing a loophole that currently lets GHG emitters off the hook

- Generates funds to pay for CDPHE staff to develop, implement, and enforce greenhouse gas reduction rules; CDPHE staff have continuously said a lack of resources is the biggest roadblock they face in fully implementing Colorado's Climate Action Plan.
- Specifies that some of the new revenue will be used to enable outreach to and engagement of disproportionately impacted communities, to support a new Environmental Ombudsperson and an Environmental Justice Advisory Board to work on matters concerning air quality and associated health impacts.

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Supports the AQCC to Achieve CO's Climate Goals and protect our communities



By law, Colorado must reduce carbon pollution 26% by 2025 and 50% by 2030, from 2005 levels

- The Roadmap provides an overview of sector-specific emission reductions to meet Colorado's science-based climate goals and identifies high-level policy concepts the state could pursue, but it lacks important details.
- We still need SB21-200 to ensure specific, equitable, and enforceable rules and regulations so that Colorado achieves its goals to protect our communities from catastrophic climate change.

Take action - Support SB21-200!