

Solving the Climate Problem

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What is net zero?

Offsetting emissions is necessary to stop further heating of the planet

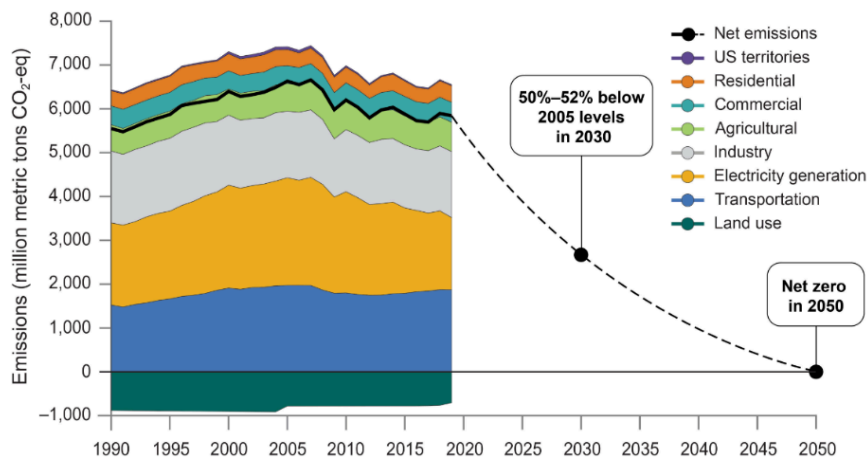
Net zero does not mean that there will be zero emissions of greenhouse gases (GHGs), but rather that any such emissions are balanced by removals, such as by planting trees. However, it is not possible to achieve net zero without deep reductions in carbon emissions.

How do we achieve net zero?

Deep reductions in CO₂ and beyond

To achieve net zero, the U.S. must meet energy demand with zero or very-low emissions sources and reduce non-CO₂ greenhouse gases such as methane and nitrous oxide.

Example Trajectory for Reducing U.S. Emissions by Sector



Source: U.S. National Climate Assessment

✓ Emissions goals

48 states
plus D.C.

have adopted or plan to adopt climate action plans designed to reduce emissions in their state.

Center for Climate and Energy Solutions

> 50%

of the world's largest 2,000 companies have set net-zero targets.

Rocky Mountain Institute

\$4.6 billion

in Climate Pollution Reduction Grants were allocated by Congress to assist states, municipalities, tribes, and territories with developing and implementing GHG reduction plans.

Center for Climate and Energy Solutions

SO Why should judges care ?

Public and private efforts to achieve net zero emissions are often contested and may result in litigation.



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Providing judges with authoritative, objective, and trusted education on climate science and the law.

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Sources

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