Giving Our Planet a FIGHTING CHANCE
The Inflation Reduction Act, the climate law passed by Congress and signed by President Biden, helps cut emissions 42% by 2030 when combined with strong federal standards.
Billions of Tons of Carbon Reduction

The Biden administration’s climate and infrastructure policies are projected to reduce carbon emissions by as much as 780 million tons by 2030. That’s roughly the same as the combined pollution from all coal plants in America in 2022.

780
MILLION TONS
OF CARBON CUT BY 2030

Source: REPEAT

800
MILLION TONS
OF CARBON EMITTED BY ALL U.S COAL PLANTS IN 2022

Source: EPA CEMS Data - CO2 emissions by Primary Fuel (Short Tons)
Fighting Climate Change Across the Economy

2022 CLIMATE LAW INVESTMENTS BY ECONOMIC SECTOR

Power
$191B

Industry
$48B

Clean Energy Production
$9B

Clean Energy Infrastructure
$80B

Clean Hydrogen
$13B

Carbon Capture: $3B

Transmission: $3B

Manufacturing
$51B

Upgrades & Retrofits
$17B

Clean Technology Manufacturing
$48B

Buildings
$46.4B

Residential Energy Efficiency
$42B

Construction Materials: $4B

Commercial Energy Efficiency: $0.4B

Targeted Community Investments
$30.5B

GHG Reduction Fund
$27B

Environmental Justice Block Grants
$3B

Community Investments: $0.4B

Other: $0.1B

Architecture & Land Use
$28B

Ecosystem Conservation
$19B

Ecosystem Restoration
$1B

Climate Smart Agriculture: $2B

Transportation
$23.7B

EV Purchase Incentives
$13B

Clean Fuels: $2B

Refueling Infrastructure: $1.7B

Sources: Environmental Defense Fund, Deloitte Analysis, CBO, CPC Center, Credit Suisse
A Clean Energy Revolution

The 2022 Climate Law’s investments are already spurring an explosion of wind and solar production, now projected to **grow almost 500%** from 2023 to 2040.

U.S. WIND AND SOLAR CAPACITY (GIGAWATTS)

Source: Department of Energy, ReEDS-NREL
Supercharging the American EV Industry

U.S. plug-in electric vehicle sales in 2023 increased more than 50% over the previous year.

Source: Argonne National Laboratory
Cheaper, Cleaner Energy for Homes and Buildings

- **2.4 MILLION** electrification upgrades in low- and moderate-income communities
- **1.2 MILLION** retrofits of home energy systems
- **7.2 MILLION** installations of heat pumps
- **650K** new energy-efficient homes
- **115 MILLION** square feet of commercial space retrofitted for energy efficiency
- **$10K** tax credits available per household

Source: Rocky Mountain Institute
New Industries, Millions of Good Jobs

Nine million new clean energy and climate-related jobs are projected over the next decade.

American Climate Corps is training a new generation of clean energy and climate workers—50,000 per year by 2031.

Source: Census, BEA, BLS, CEA analysis; inflation-adjusted in 2022$ Billions
Spurring a Global Clean Energy Race

Source: BloombergNEF
Thousands of Lives Saved

New climate investments could help prevent up to 4,500 premature deaths and 120,000 asthma attacks per year by 2030, by reducing air pollution.

Source: Energy Innovation

Cumulative Avoided Premature Deaths from Exposure to Fine Particulate Matter from Energy Activities vs. Frozen Policies, 2023-2035

- **Optimistic**: 36,800
- **Moderate**: 28,100
- **Conservative**: 17,600

Source: REPEAT
Biden Administration’s Justice40 Initiative

40% of overall benefits flow to disadvantaged communities

Source: White House

MORE THAN $118 BILLION for projects like greener transit, cheaper renewable home energy, and cleaning up pollution from decades of discriminatory policies
More than $10 Billion Invested for Forests and Nature Solutions to Capture Carbon

Source: The Nature Conservancy
The 2022 Climate Law Gave the Planet a Fighting Chance. What’s Next?

Ask the leaders of your state to take full advantage of all the new federal money and:

- Direct utilities to triple how much renewable energy they are developing
- Expand charging stations for electric vehicles
- Reduce energy bills by expanding efficiency and weatherization programs
- Bring new clean manufacturing jobs to your state

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