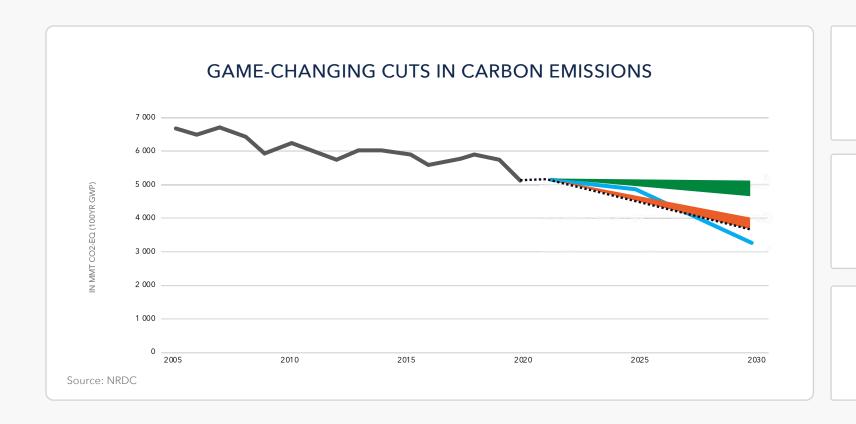


# **The 2022 Climate Law**

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.



#### **Pre-IRA**

25-30% reduction from 2005

# IRA + Other Policies

42%

# U.S. Climate Goals

50-52%

# **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

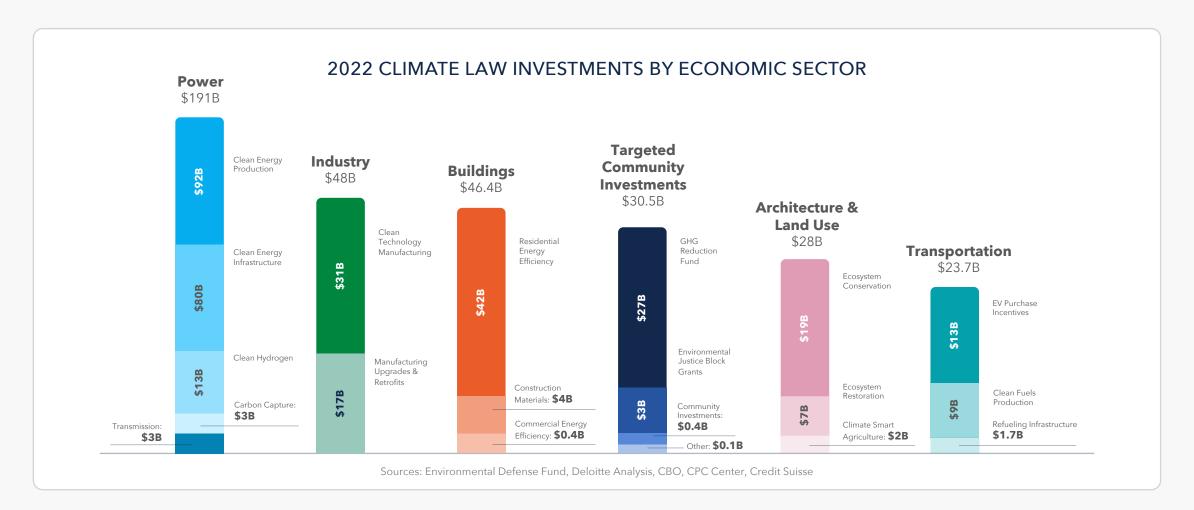
Source: REPEAT

800 MILLION TONS

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

Source: EPA CEMS Data - CO<sup>2</sup> emissions by Primary Fuel (Short Tons)

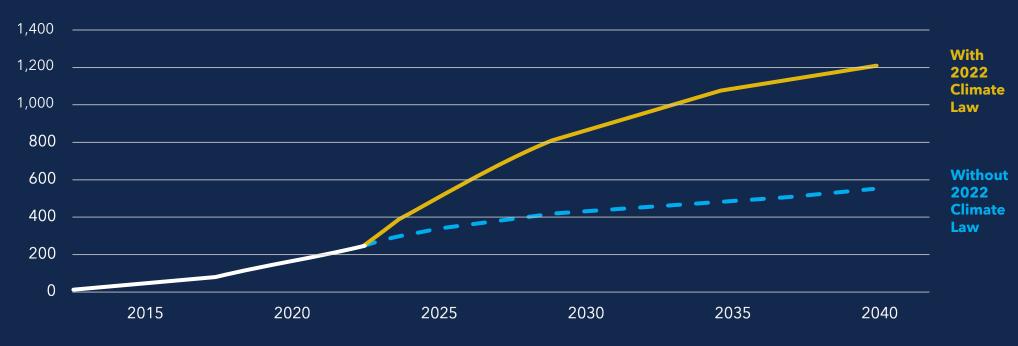
#### Fighting Climate Change Across the Economy



## **A Clean Energy Revolution**

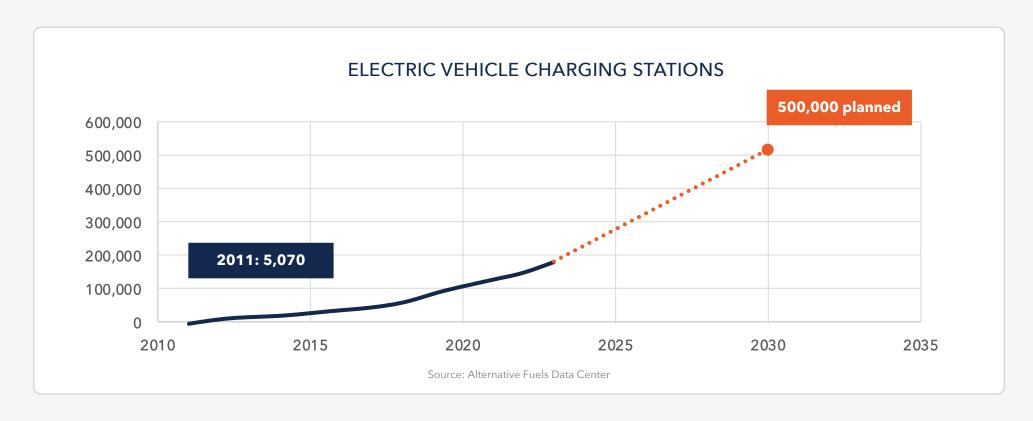
The 2022 Climate Law's investments are already spurring an explosion of wind and solar production, now projected to grow almost 500% from 2023 to 2040.

#### 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 moderateincome communities



1.2
MILLION

retrofits of home energy systems



7.2 MILLION

installations of heat pumps



650K

new energyefficient 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.

#### PRIVATE MANUFACTURING CONSTRUCTION SPENDING



Source: Census, BEA, BLS, CEA analysis; inflation-adjusted in 2022\$ Billions

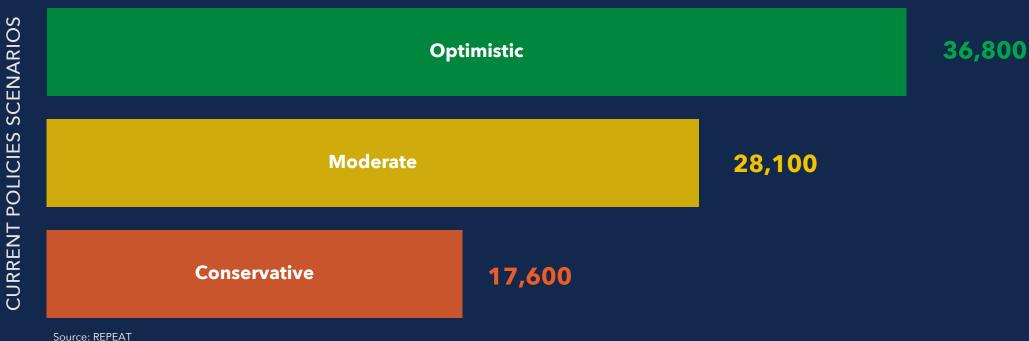


# Thousands of **Lives Saved**

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



#### **Biden Administration's Justice 40 Initiative**

40%

of overall benefits flow to disadvantaged communities

Source: White House



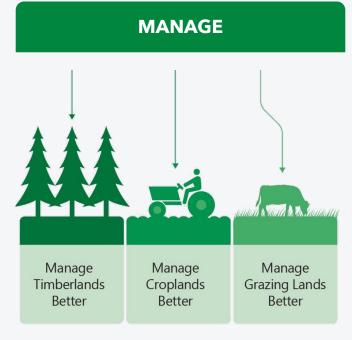
# MORE THAN \$118 BILLION

for projects like greener transit, cheaper renewable home energy, and cleaning up pollution from decades of discriminatory policies

NRDC

# More than \$10 Billion Invested for Forests and Nature Solutions to Capture Carbon





Restore Forests Restore Wetlands

**RESTORE** 

Source: The Nature Conservancy

NRDC

12

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

**Share This Progress** 

