



SCEP
STATE & COMMUNITY ENERGY PROGRAMS

Advancing Place-based Clean Energy Transitions

Dr. Henry C. McKoy
Director

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Biden-Harris Administration Priorities

- The Administration knows there is **no greater challenge** facing our nation and our planet than climate change.
- We can turn the threat of climate change into an **opportunity** to:
 - Revitalize the U.S. energy and manufacturing sectors.
 - Create millions of high-quality, good paying jobs throughout the country.
 - Address historic environmental injustices and inequities.
- DOE is working to advance these goals and help the U.S. build a **100% clean energy economy** and reach **net-zero emissions** no later than 2050.

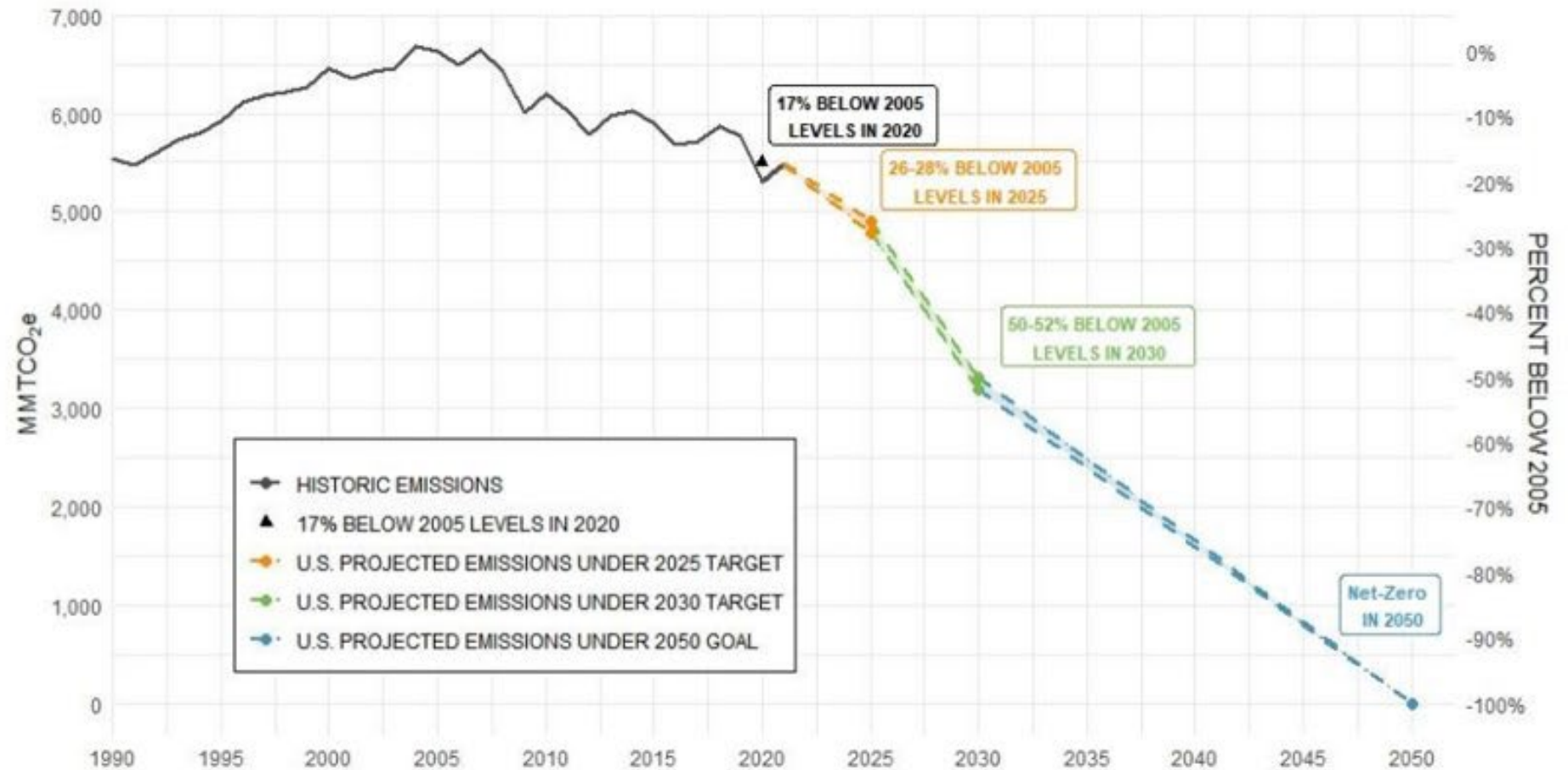


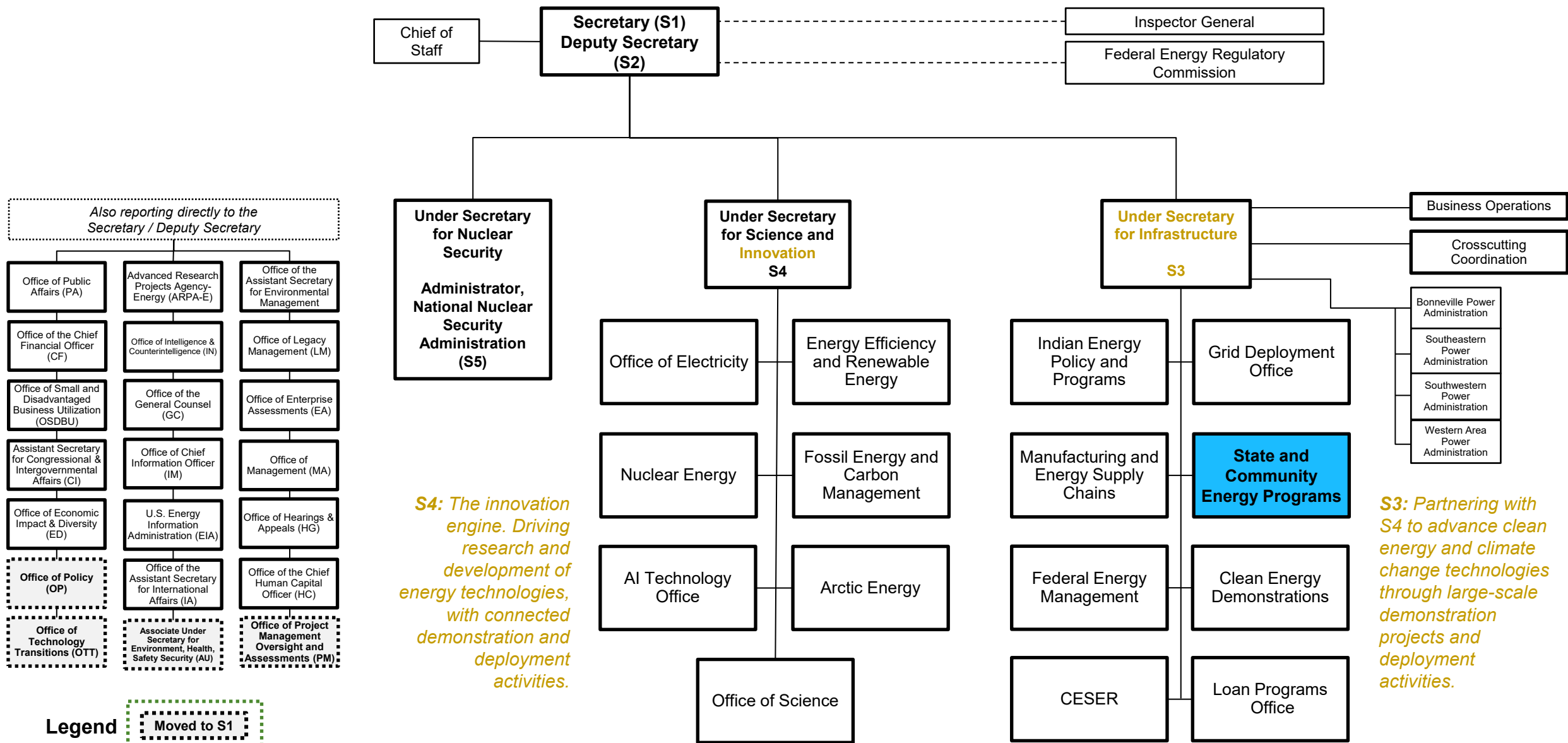
DOE investments align with the Administration's near- and long-term climate and clean energy goals

50-52%
GHG reductions by
2030

100%
clean electricity by
2035

Net-Zero
emissions by
2050







Office of State & Community Energy Programs (SCEP)

Mission Statement

To accelerate the deployment of clean energy tech and practices through **place-based clean energy solutions** involving state, local, and Tribal governments, community orgs, academia, and business stakeholders that catalyze community economic development, create high-quality jobs, and improve the lives of Americans.

Guiding Vision

The bridge that connects the federal government to community serving institutions. SCEP manages the main community-facing funding and technical assistance programs and serves as the common touch point and navigator through DOE and other applicable programs across the government. If done right, everyone should be connected to the impact of DOE programs.



SCEP Goals and Priorities

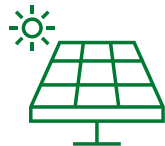
Our goal is to **extend the capacity and capabilities** of states, tribes, local governments, schools, and community-serving organizations **to implement high-impact, self-sustaining clean energy projects that center the needs of low-income and Disadvantaged Communities (DACs).**

SCEP does this through the **management and oversight of \$16 billion** worth of formula grants, competitive grant awards, consumer rebate grants, and technical assistance.

SCEP Strategic Priorities



Center and
deliver on J40
priorities



Deploy clean
energy
technologies



Catalyze local
economic
development



Create
jobs



Avoid pollution
through place-based
strategies



Reduce
energy costs

State & Community Energy Program

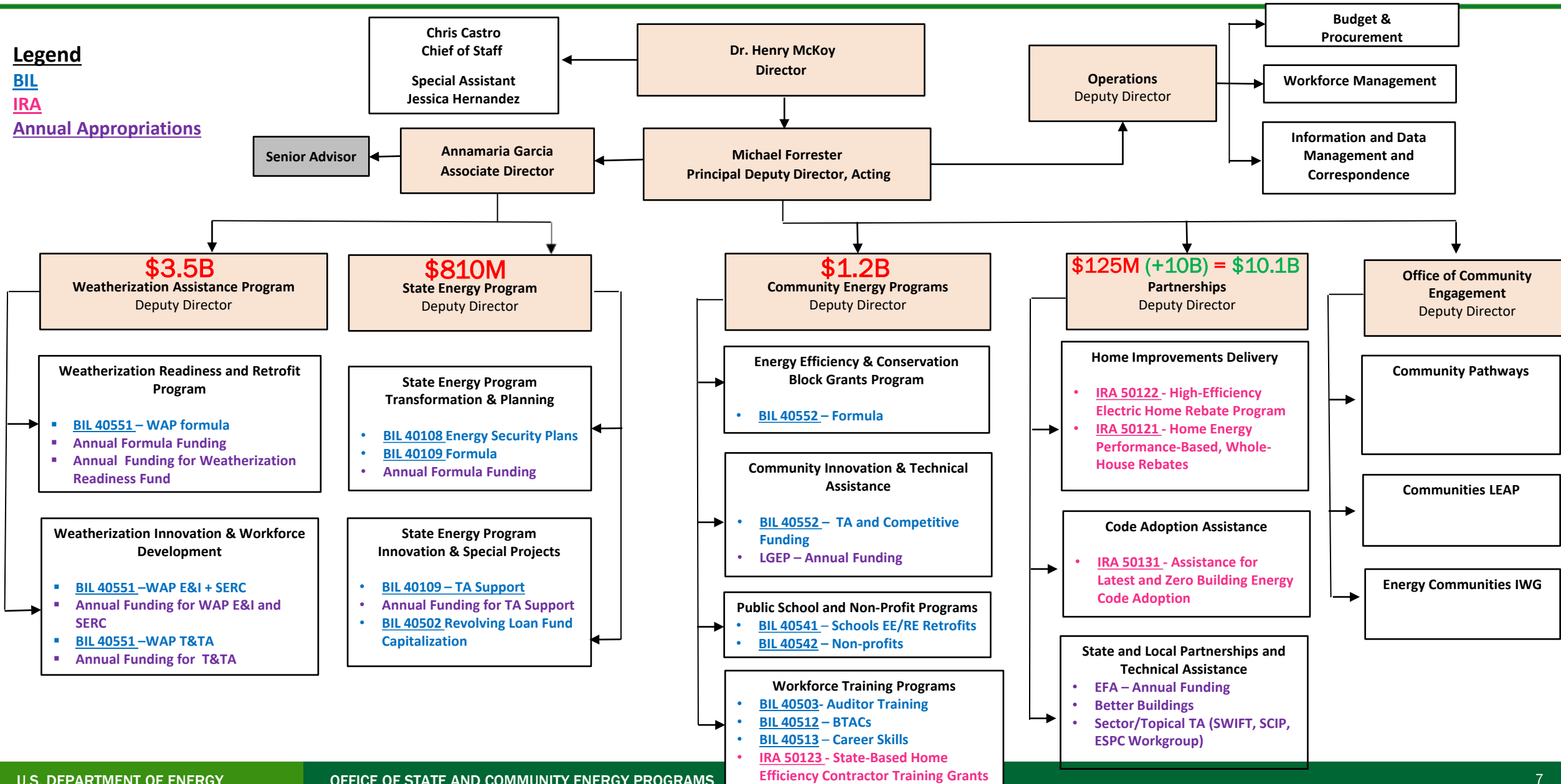
~\$6B (+\$10B) = \$16B

Legend

BIL

IRA

Annual Appropriations



Improving Access to Efficiency and Clean Energy For States, Communities, & Tribes

■ BIL ■ IRA ■ ANNUAL



Weatherization Readiness & Retrofit



DOE's WAP is the nation's oldest whole-house energy efficiency program.

WAP reduces energy costs for low-income households by increasing the energy efficiency of their homes, while ensuring their health and safety.

- **\$3.2 B BIL funding** = ~500,000 homes weatherized
- **\$300M+ annual request** = ~35,000 homes weatherized annually
- Develops and supports the workforce with over **8,500+** direct and indirect jobs.
- Over **7 million** households that have received weatherization services since WAP's inception.

Key WAP Stats*



\$8,009 avg cost per unit

WEATHERIZATION FUNDING



Reduces energy burden for low-income families, who spend **14%** of income on energy vs **3%**



\$583/year savings in pay per year due to fewer missed workdays



\$514/year savings in a household's out-of-pocket medical expenses

\$283 ANNUAL COST SAVINGS
18% ANNUAL HEAT SAVINGS
7% ANNUAL ELECTRIC SAVINGS

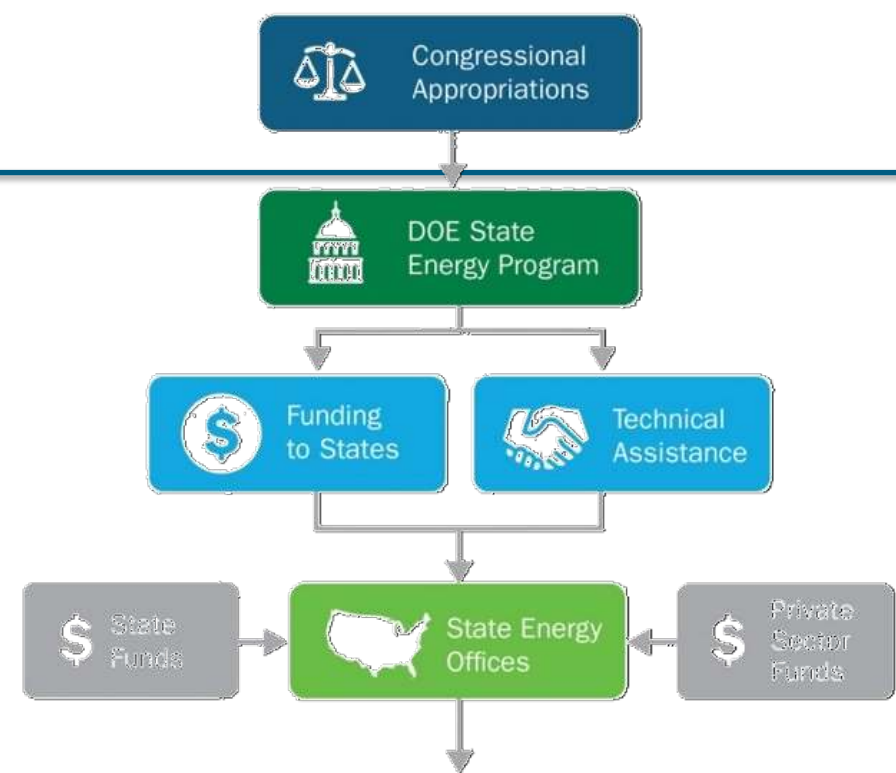
FOR EVERY
\$1.00
INVESTED IN
WEATHERIZATION,
\$1.72
IS GENERATED
IN ENERGY BENEFITS AND
\$2.78
IN NON-ENERGY BENEFITS.

*Sources: Update for Fiscal Year 2020, [ORNL/TM-2020/1566](#); National Evaluation of US Department of Energy's Weatherization Assistance Program, Sept 2014, [ORNL/TM-2014/338](#).

State Energy Program (SEP)

The **State Energy Program (SEP)** is more than 40 years old and provides funding and technical assistance to the 50 states, 5 territories, and D.C. to:

- Enhance energy security
- Advance state-led energy initiatives
- Increase energy affordability



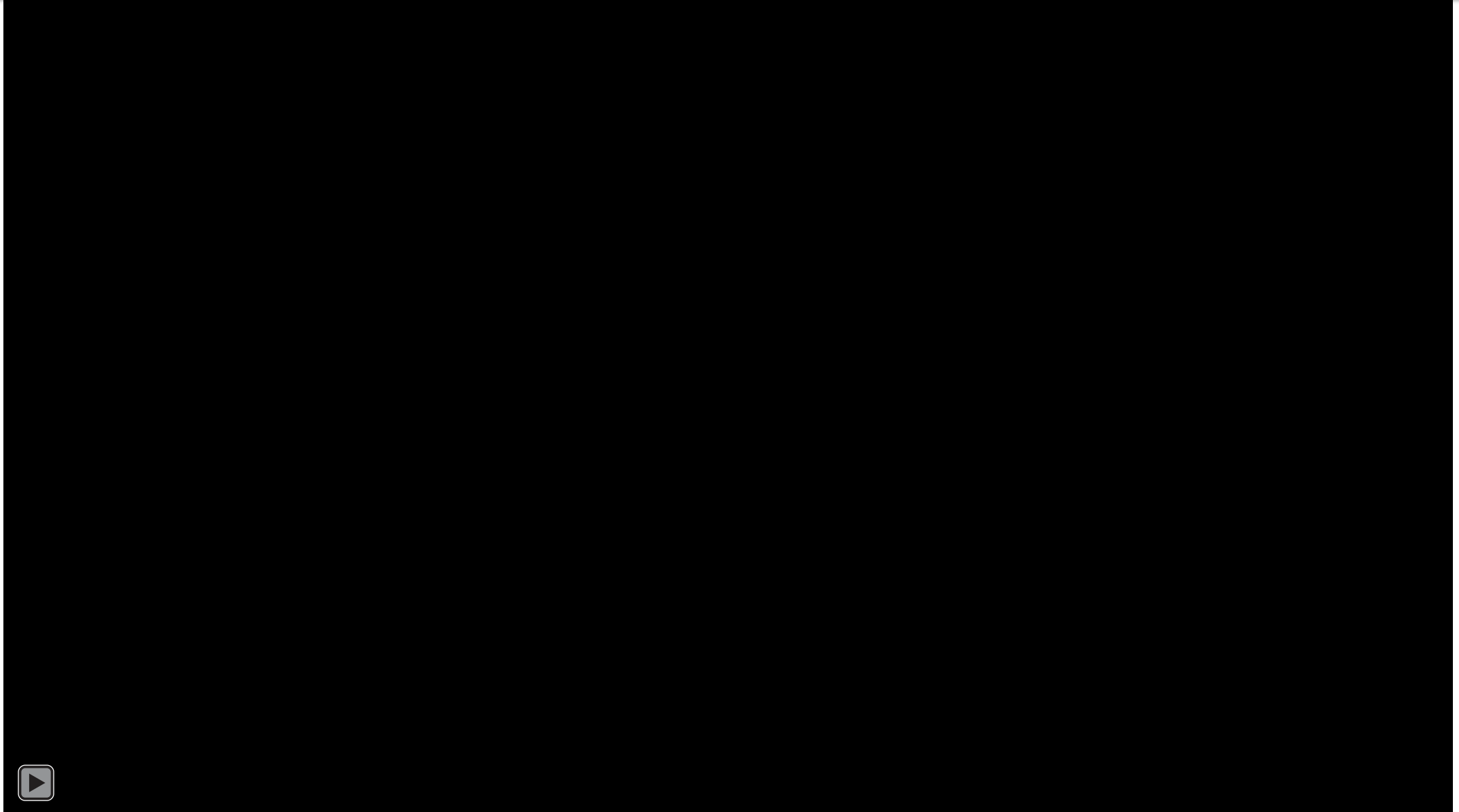
SEP is cost-effective

\$4.50 saved per \$1 invested

SEP creates jobs

1 job created per \$12,500 invested

EECBG Program Directly Invests in **Over 2,700 Communities** Across U.S.



Eligible state, local, and Tribal governments **can now apply for \$430M** in funding from the Energy Efficiency and Conservation Block Grant (EECBG) Program!

Eligible entities can use flexible EECBG Program funding for projects and programs that



Cut Carbon Emissions



Improve Energy Efficiency



Reduce Energy Use



States can apply for EECBG Program formula funding through **July 2023**.
Local governments and Tribes can apply through **January 2024**.

Inflation Reduction Act Provisions (\$10 billion)



Home Energy Performance-Based, Whole House Rebates

To award grants to State Energy Offices to develop and implement a “HOMES” rebate program that provides rebates to homeowners and aggregators for certain whole-house energy-saving retrofits made for LMI households.

\$4.3B



Home Energy Efficiency Contractor Training Grants

To award grants to States under the State Energy Program to train and educate contractors involved in the installation of home energy efficiency and electrification improvements.

\$200M



High Efficiency Electric Home Rebate Program

To award grants to State Energy Offices and Indian tribes for qualified electrification project rebates in low- or moderate-income households.

\$4.5B



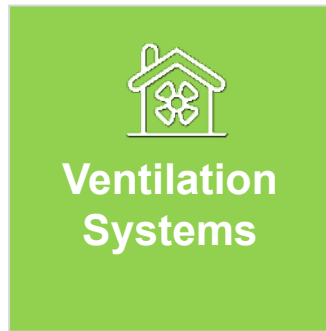
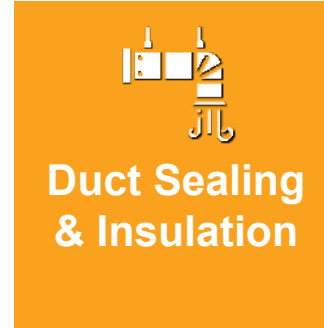
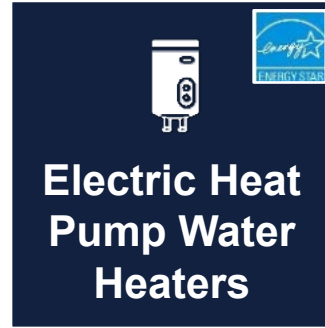
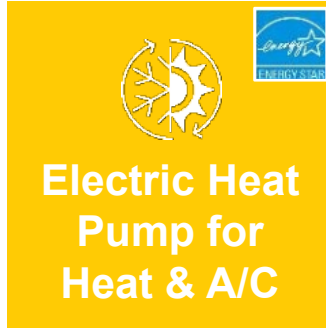
Building Codes Adoption Grants

To award grants to states & local governments to adopt the latest building codes or the zero energy provisions or other stretch codes for residential and commercial buildings and implement a plan to achieve full compliance with these code(s).

\$1B

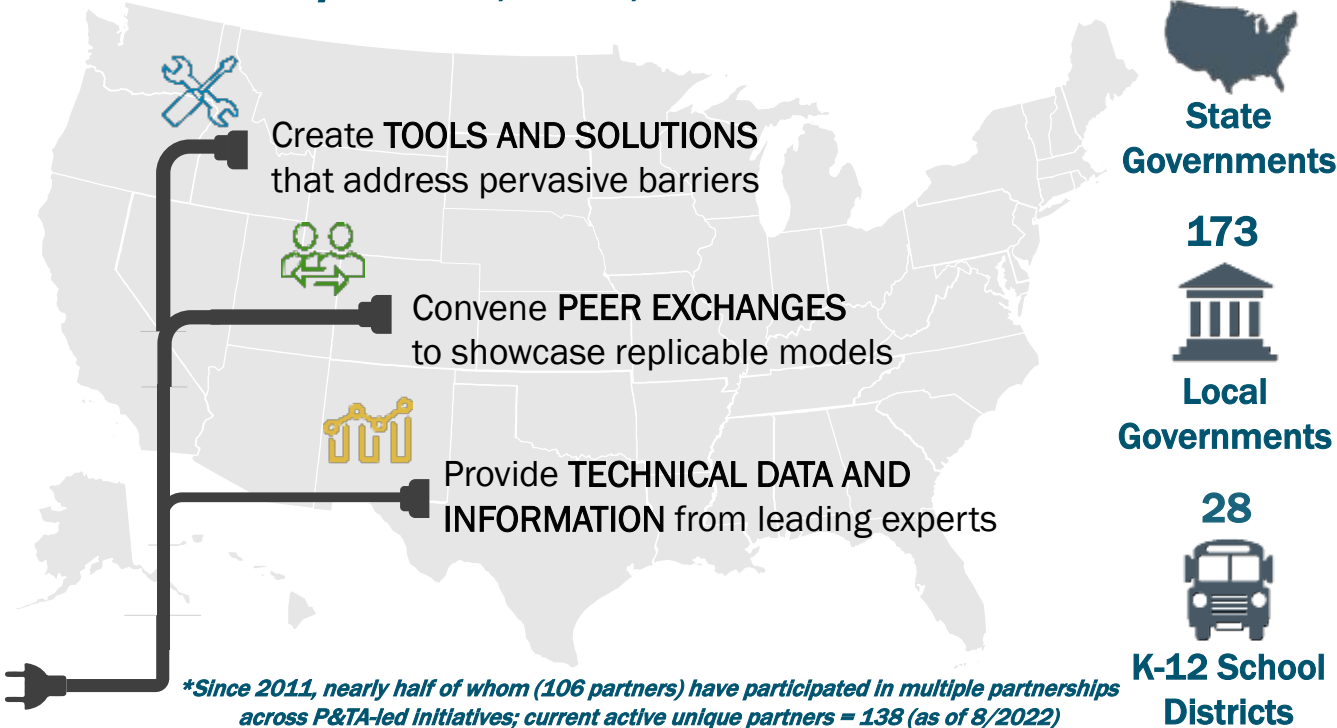
Potentially Eligible Equipment & Housing Types

IRA authorizes some type of Home Energy Rebate for the following technologies and housing types



Technical Assistance & Partnerships (TAP)

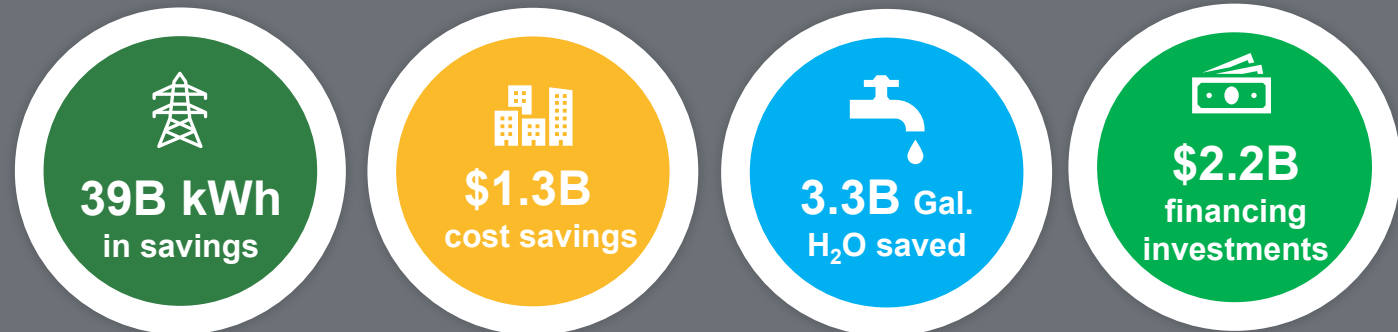
239+ Unique State, Local, and K-12 Partners*



TA Solution Pathways



Cumulative Outcomes Since 2011



Current Major Initiatives

Better Buildings Challenge & Better Climate Challenge (public sector) • Energy Savings Performance Contracting (ESPC) Campaign (forthcoming) • Sustainable Corrections Infrastructure Partnership (SCIP) Accelerator • Sustainable Wastewater of the Future (SWIFt) Initiative

Key Tools

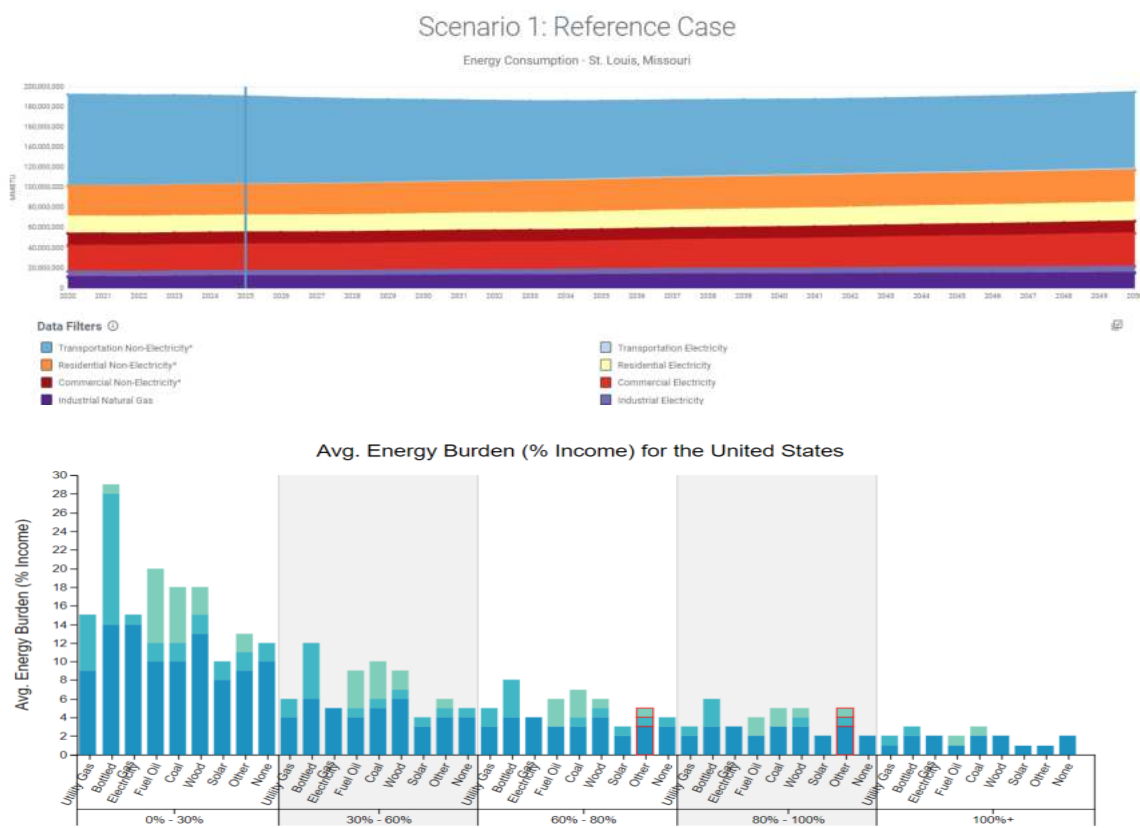
- Low-Income Energy Affordability Data (LEAD) Tool
- State and Local Planning for Energy (SLOPE) Platform

Outreach & Resources

State and Local Spotlight: Monthly newsletter to 33,000+ subscribers
State and Local Solution Center: Over 400 tools, resources, and best practices

Spotlight on Popular Tools

Two Powerful Tools to Support State and Local Governments' Planning Needs



1

State and Local Planning for Energy (SLOPE) Platform

SLOPE integrates over 50 leading data sources to enable users to explore untapped energy savings opportunities and identify the most cost-effective strategies to meet their clean energy and climate goals.

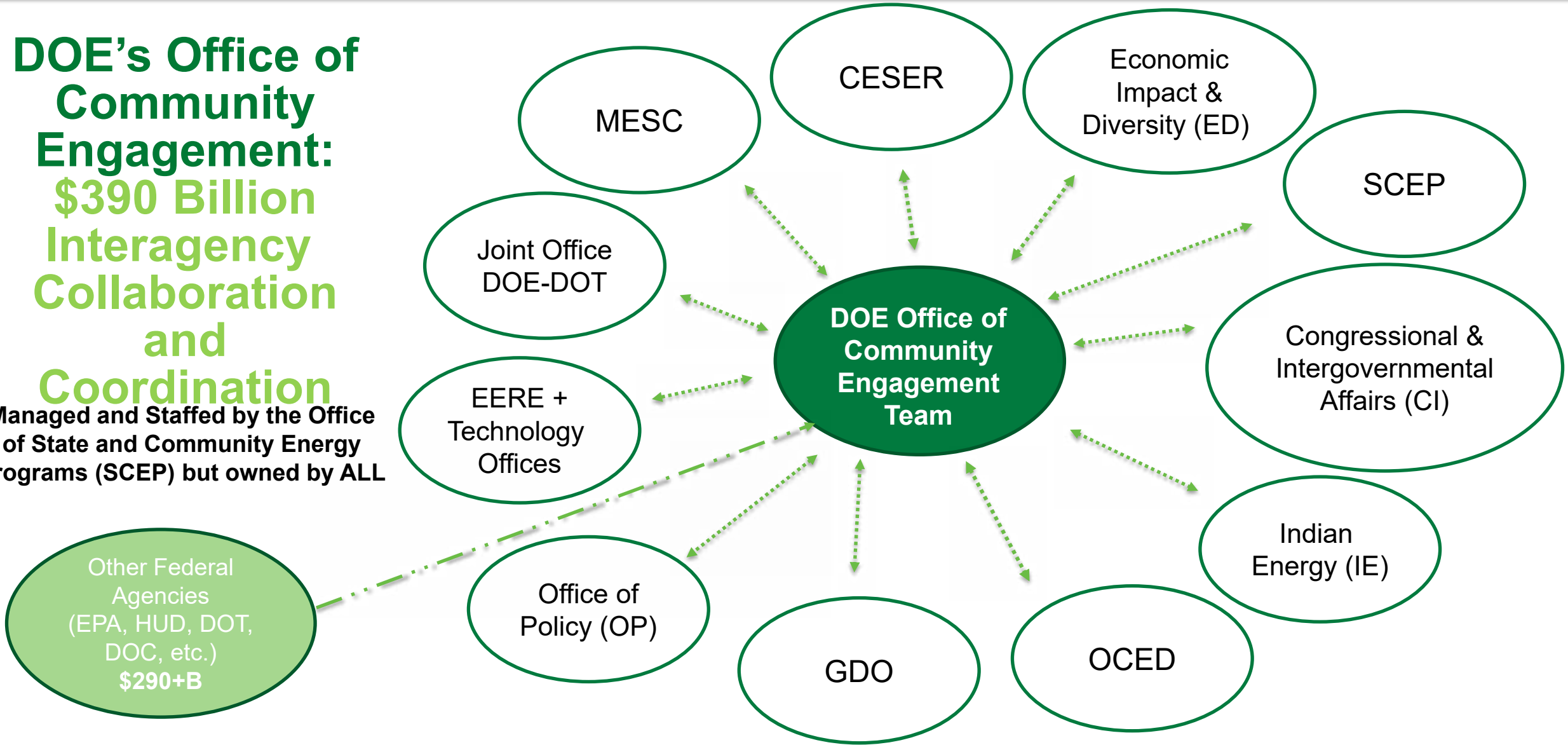
2

Low-Income Energy Affordability Data (LEAD) Tool

A web-based interactive tool that enables stakeholders to visualize energy burden and housing characteristics across the U.S. Provides customizable data, maps, and charts available at the national, state, city, and census tract level for all 50 states plus Puerto Rico and Washington, D.C.

DOE's Office of Community Engagement (CE)

DOE's Office of Community Engagement:
\$390 Billion
Interagency Collaboration and Coordination
Managed and Staffed by the Office of State and Community Energy Programs (SCEP) but owned by ALL





[Energy.gov/CommunitiesLEAP](https://www.energy.gov/communitiesleap)

Energy Communities IWG

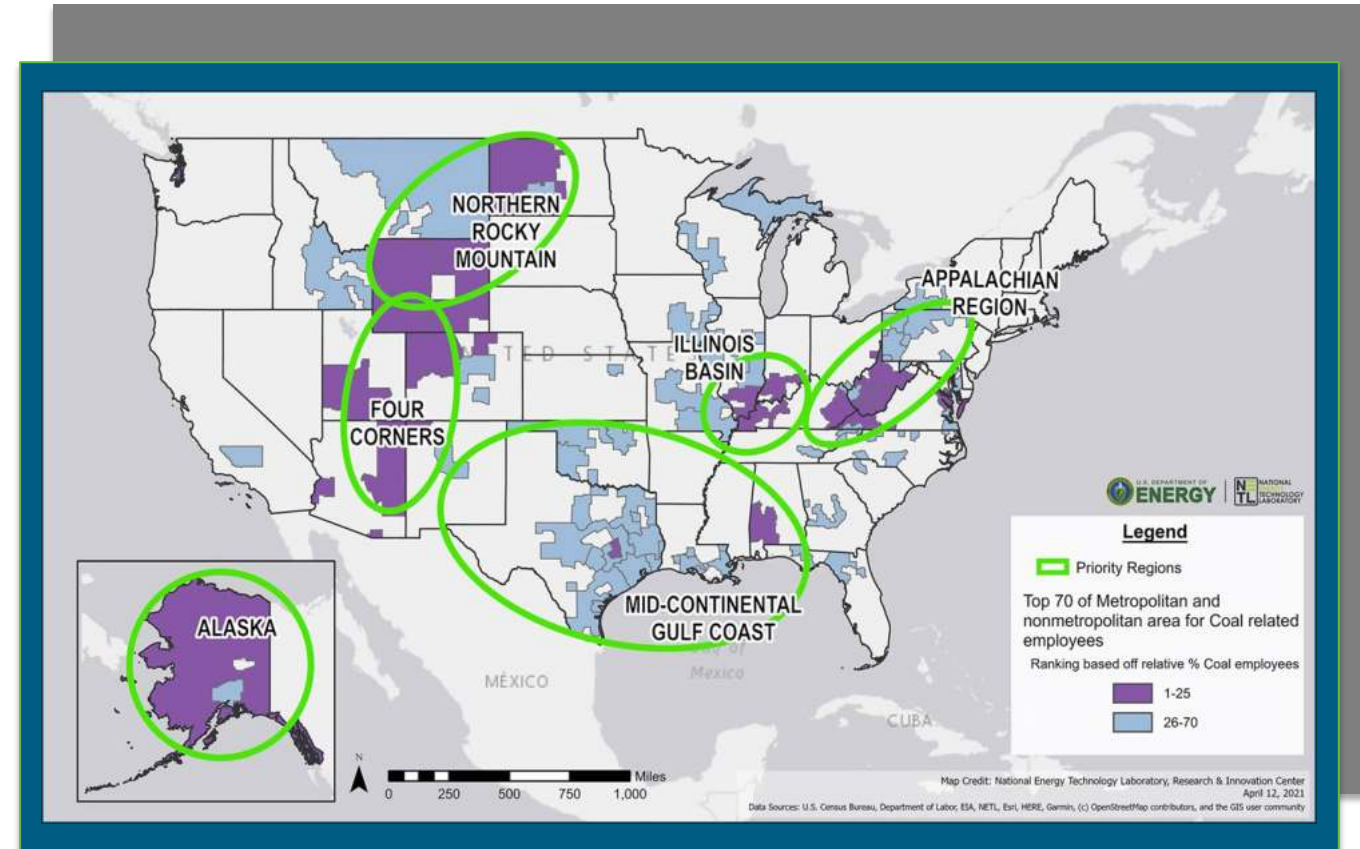
The Interagency Working Group on Coal & Power Plant Communities

Initial Report (April 2021)

1. Identified 25 priority Energy Communities
2. Coal communities identified as immediately challenged due to past and imminent closures
3. Planned expansion to oil & gas communities

Established a "Clearinghouse" for funding and other opportunities:
energycommunities.gov

"Rapid Response Teams" launched 2022





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