

Five Core Questions

EERE designs its portfolio to make a significant impact in transforming the national energy landscape and maximizing the value it delivers to the taxpayer. We prioritize our work according to five core questions.

Impact

Is this a high-impact problem?

Additionality

Will EERE funding make a large difference relative to existing funding from other sources, including the private sector?

Openness

Are we focusing on the broad problem we are trying to solve and open to new ideas, approaches, and performers?

Enduring Economic Impact

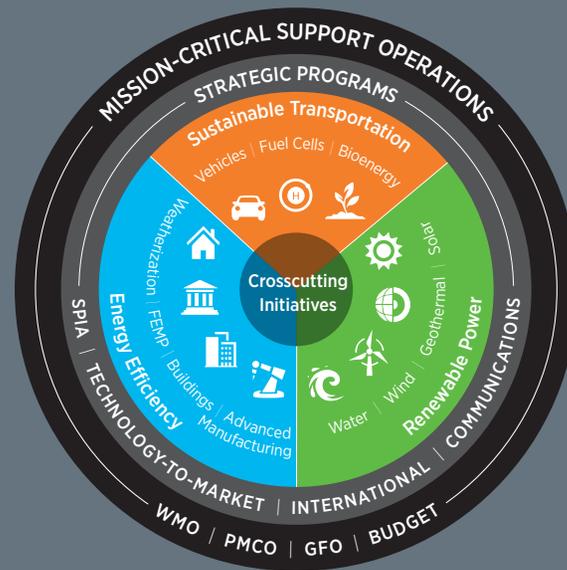
How will EERE funding result in enduring economic impact for the United States?

Proper Role of Government

Why is this investment a necessary, proper, and unique role of government rather than something best left to the private sector?

EERE's Organization

EERE supports many of America's best innovators and businesses to research, develop, and demonstrate cutting-edge technologies and work to break down market barriers in its three sectors that translate to its first three goals: sustainable transportation, renewable power, and energy efficiency. EERE also coordinates high-impact initiatives that crosscut these technology areas to break down silos and maximize return on taxpayer investments.



View the full EERE Strategic Plan on the EERE website: energy.gov/eere/strategicplan.

For more information, email EERE Communications at EE.Communications@ee.doe.gov with any questions.

U.S. Department of Energy

Office of Energy Efficiency and
Renewable Energy

2016–2020 STRATEGIC PLAN

At-a-Glance



U.S. DEPARTMENT OF
ENERGY | Energy Efficiency &
Renewable Energy

DOE/EE-1284 • December 2015

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EERE Strategic Plan

Today, the United States is faced with a national imperative to address the enormous challenge presented by climate change and to seize upon the multi-trillion dollar economic opportunity that a transition to a global clean energy economy will provide.

In his historic 2013 speech at Georgetown University releasing his Climate Action Plan, the President laid out the national imperative for clean energy in clear terms:

“A low-carbon, clean energy economy can be an engine of growth for decades to come. And I want America to build that engine. I want America to build that future—right here in the United States of America. That’s our task.”

The EERE Strategic Plan is a blueprint for meeting these challenges and ensuring that the United States will be a global leader in the 21st century clean energy economy.

EERE VISION

A strong and prosperous America powered by clean, affordable, and secure energy.

EERE MISSION

To create and sustain American leadership in the transition to a global clean energy economy.

We perform work at the intersection of national energy, economic, and environmental systems. We conduct leading research and development activities through strong partnerships with national laboratories and work closely with industry, universities, state and local governments, stakeholder groups, and international partners to develop and deploy the next generation of clean energy technologies. Our activities are guided by the key organizational principles of **economic prosperity, affordability, reduced environmental impact, energy security, and consumer choice.**

Goals

In order to realize its vision and achieve its mission EERE has created a set of strategic goals that are both sector specific and crosscutting. These goals are:

- 1 Accelerate the development and adoption of sustainable transportation technologies**
- 2 Increase the generation of electric power from renewable sources**
- 3 Improve the energy efficiency of our homes, buildings, and industries**
- 4 Stimulate the growth of a thriving domestic clean energy manufacturing industry**
- 5 Enable the integration of clean energy into a reliable, resilient, and efficient electricity grid**
- 6 Lead efforts to improve federal sustainability and implementation of clean energy solutions**
- 7 Enable a high-performing, results-driven culture through effective management approaches and processes.**



Investment Approach

The EERE investment approach is designed to address specific gaps in the technology development pathway—areas where the private sector or other non-government stakeholders are unable to make the required investments to the scale or in the timeframe required for clean energy technologies to be commercialized.

Phase 1 - Applied Research

EERE invests heavily through the national laboratories, universities, and industry to lower cost and improve performance of clean energy technologies. These investments are guided by long-term roadmaps created in collaboration with key stakeholders. EERE also promotes and sustains an internal culture that is open to new ideas and approaches.

Phase 2 - Development and Demonstration

EERE invests in testing and validating performance, reliability, and costs through full-scale demonstrations and analyses of the technology’s market competitiveness. EERE may also fund small or limited scale demonstrations, with technologies integrated into full systems, to catalyze and leverage additional private sector investment.

Phase 3 - Focus on Market Barriers

EERE invests in activities that can help overcome barriers to high-volume adoption. These activities can include providing key information to consumers, regulators, financiers and other market participants or addressing particular market issues such as workforce training.