

ACEEE Industry Program

July 2023



American Council for an Energy-Efficient Economy





Smart Energy Use for a Clean Planet and Better Lives

ACEEE works to transform and optimize how we use energy throughout the economy.

We see energy efficiency as key to rapidly and equitably combating climate change while improving our economic well-being.

ACEEE Call to Action

“By convening conversations, conducting policy analyses, sharing our research, advising policymakers, and educating consumers and businesses, ACEEE commits to serve as a catalyst and agent for the systemic transformation necessary to address climate change.”

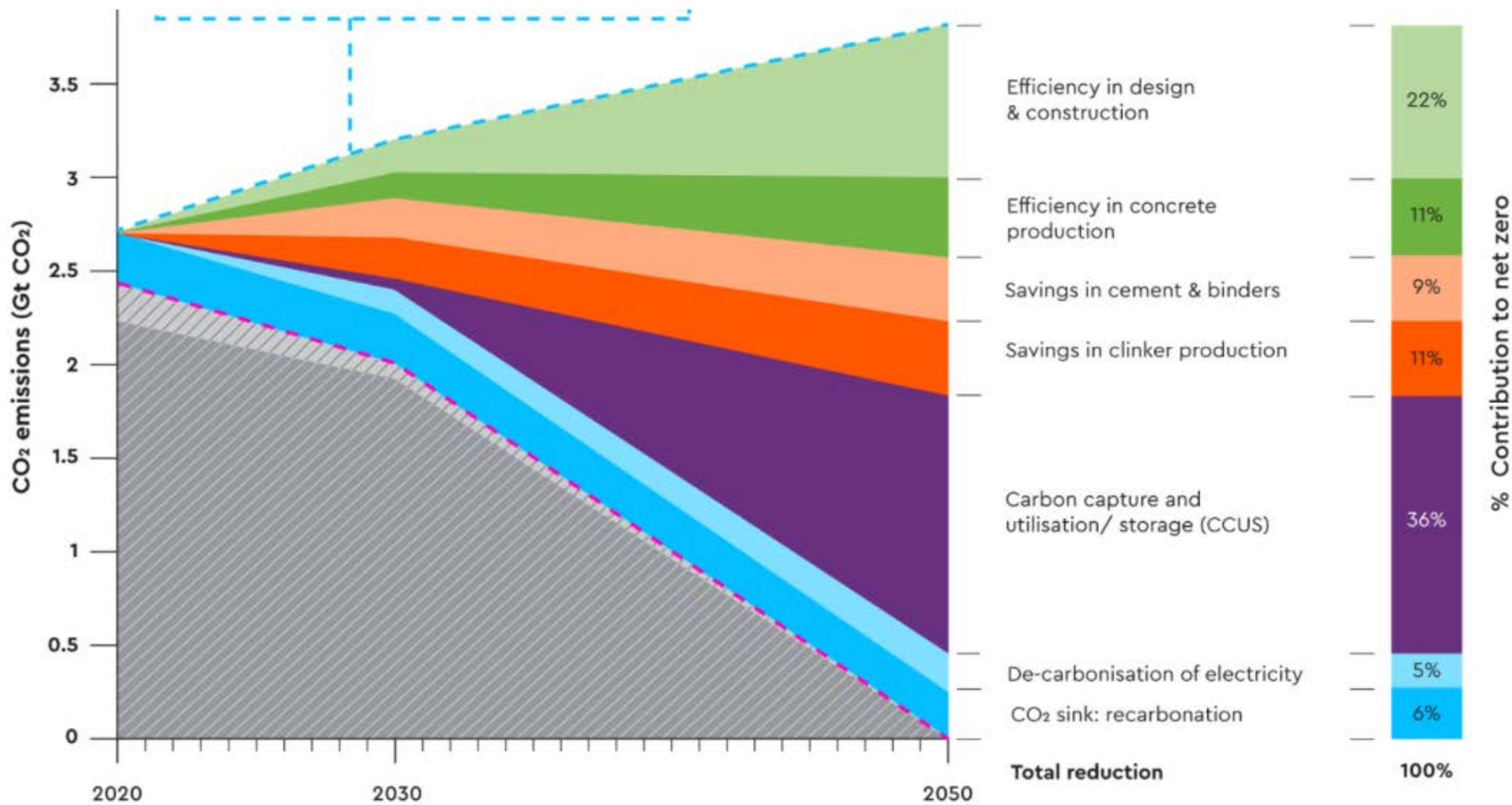
Our Mission (Industry)

By 2030: Reduce industrial GHG emissions by a third relative to 2019; ensure half of U.S. manufacturing facilities use strategic energy management.

Before 2050: Decarbonize industry while retaining its economic vitality and global competitiveness.

Our Accomplishments/Impact (2022)

- **ACEEE advocacy contributed to largest-ever federal investments in energy efficiency.** ACEEE played an instrumental role in developing and advocating for energy efficiency provisions that were included in the Inflation Reduction Act (IRA).
- **Led drive to actionable industrial decarbonization.** ACEEE's [First Three](#) policy proposal on full-scale implementation of industrial decarbonization technologies partly inspired the IRA's Advanced Industrial Facilities Deployment Program provision, which provides nearly \$6 billion in grants and loans to companies that deploy innovative decarbonization technologies.
- With the National Renewable Energy Laboratory, we developed **DOE's [Industrial Decarbonization Roadmap](#)**, which will help guide DOE's industrial decarbonization efforts and implementation of the IRA and the infrastructure law. And we collaborated with the U.S. Climate Alliance to develop the [State Policy Guidebook to Enable Industrial Decarbonization](#).



BLOG POST

Electrification Is Key for Decarbonizing Concrete. US Investments Should Open the Path.

June 20, 2023

Decarbonizing cement and concrete production will be a multi-decade challenge, but strategic public investment decisions today are critical for future success. The Department of Energy

But a better path is available: investing strategically in certain lower-carbon technologies that build toward a multi-step transformation of the sector, ultimately headed toward significant electrification of production. It's a goal that would be all but impossible for a high-temperature process if we restricted ourselves to focusing on existing materials and techniques.

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This strategy—if supported across federal and state investments—could maximize the impact of taxpayer dollars while ensuring that short-term progress is compatible with the best long-term outcomes.

<https://www.aceee.org/blog-post/2023/06/electrification-key-decarbonizing-concrete-us-investments-should-open-path>

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