

# SOLVING THE CLIMATE CRISIS

*The Congressional Action Plan for a Clean Energy Economy and a Healthy, Resilient, and Just America*



## Industry and Manufacturing

The industrial sector will be one of the most challenging to decarbonize, given its diversity and reliance on energy-intensive processes. Yet, the United States will continue to rely on American industries and manufacturing to build more resilient infrastructure and a cleaner economy. Reducing industrial emissions and strengthening U.S. industry and manufacturing must go hand in hand.

Eliminating industrial emissions will depend on the discovery of new technologies and the development of platform technologies, such as energy efficiency, electrification, carbon capture, low-emission hydrogen, and materials recycling and substitution.



## TRANSFORM U.S. INDUSTRY AND EXPAND DOMESTIC MANUFACTURING OF CLEAN ENERGY AND ZERO-EMISSION TECHNOLOGIES

The United States must carry out comprehensive policies and make substantial investments to achieve net-zero emissions in the industrial sector and rebuild U.S. industry and manufacturing for global climate leadership. These measures should boost American innovation, reward domestic manufacturing of American ideas, create high-quality domestic jobs, and ensure clean, safe, fair, and equitable industrial development for workers and communities.

### CONGRESS SHOULD:

**Reduce pollution from industrial facilities** by setting enforceable performance standards and investing at scale in U.S. facilities and manufacturers to meet the standards.

**Enhance American innovation and manufacturing** of new decarbonization technologies through increased, coordinated investments in research, development, demonstration, and deployment.

**Spur new domestic manufacturing** of clean technology by constructing new or retooling existing facilities.

**Secure robust, domestic production and supply chains** by developing national strategies for clean technology manufacturing, critical minerals, and a circular economy.

**Create domestic markets** for low-emission industrial goods through “buy clean” procurement.

**Empower the Department of Energy to drive industrial transformation** by appointing an Assistant Secretary of Manufacturing and Industry.

**Bolster U.S. competitiveness** by enforcing border adjustment mechanisms to level the playing field and prevent carbon leakage.