



# Battery research and development washington d c

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**Funded Projects Will Lower EV Technology Costs, Increase Driving Range, and Build a Sustainable, Secure Domestic Battery Supply Chain**

"The Biden-Harris Administration is helping drive forward the innovation and research needed to provide clean, cheap and accessible transportation solutions for all Americans," said U.S. Deputy Secretary of Energy David M. Turk. "The investments announced today will supercharge the development of a convenient and reliable EV network, and expand the domestic battery supply chain--securing our nation's energy independence and spurring economic opportunity."

**Fiscal Year 2023 Project Selections**Today, DOE announced 27 projects to receive \$71 million to develop innovative and equitable clean mobility options, alleviating supply chain concerns for EV batteries, and increasing EV drive range. Funded through DOE's Vehicle Technologies Office (VTO) in the Office of Energy Efficiency and Renewable Energy, the selected projects aim to:

**Advanced Battery R& D Consortium**The United States Advanced Battery Consortium LLC (USABC) of Southfield, Michigan, will receive \$60 million for pre-competitive, vehicle-related advanced battery R& D that addresses critical priorities for the next phase of widescale EV commercialization.The consortium will focus on R& D for EV batteries with enhanced performance; EV batteries using earth-abundant and domestically available battery materials; light-, medium-, and heavy-duty vehicle batteries; and more cost-efficient battery recycling processes.

The consortium will accelerate battery R& D that is relevant and responsive to the needs of EV manufacturers and will contribute to the domestic battery supply chain and recycling ecosystem that are essential to meeting the rapidly growing demand for EV batteries.

To ensure the benefits of a clean transportation system are shared equally, all applicants for both VTO funding opportunities were required to include a community benefits plan that addressed each of these objectives.

Learn more aboutthe selected projects and other work funded by theOffice of Energy Efficiency and Renewable Energy.



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Selection for award negotiations is not a commitment by DOE to issue an award or provide funding. DOE and the applicants will first undergo a negotiation and DOE may cancel award negotiations and rescind the selection for any reason.

Visit the ARPA-E eXCHANGE website for more information about CIRCULAR, including key guidelines and dates for applicants. ARPA-E advances high-potential, high-impact energy technologies across a wide range of technical areas that are too early for private-sector investment. Learn more about these efforts and ARPA-E's commitment to ensuring the United States continues to lead the world in developing and deploying advanced energy technologies.

The funding will drive innovations in low-cost electric vehicle (EV) battery manufacturing, safety and failures, and strengthen the supply and more

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