

Australia battery research and development



Overview

We're driving innovation across the battery value chain - from materials discovery to cell design and battery system assembly - helping Australia build a sovereign and sustainable energy storage industry. Demand for batteries will continue to increase. Australia's first National Battery Strategy sets out how the country will build and sustain a thriving battery industry. Our multidisciplinary team of scientists and engineers are leading the development of advanced. In the 2024-2025 Federal Budget, the Australian Government announced the Battery Breakthrough Initiative with \$500 million of funding to promote the development of battery manufacturing capabilities in Australia.

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[Battery Breakthrough Initiative](#)



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[UNSW Battery Ecosystem , UNSW Sydney](#)

The Ecosystem serves as a one-stop shop for Australia's battery research, development, and commercialisation needs. By integrating UNSW's world-class infrastructure and researchers, it ...



National Battery Strategy

The National Battery Strategy is a key part of the government's Future Made in Australia agenda. The strategy will improve Australia's resilience and security and drive economic growth by ...

[Battery Explainer - A basic primer for the role and potential of](#)

-- The Battery Research and Innovation Hub at Deakin University is a purpose-built, research and innovation centre for battery design and development, including pilot-scale manufacturing and the ...



[Ten new startups to accelerate Australian battery innovation and](#)

The new cohort represents a comprehensive cross-section of Australia's emerging battery value chain -- combining materials science, manufacturing innovation, and large-scale applications ...



[Australia's role in the battery race](#)

The Federal Government is pushing hard to uplift Australia's participation in the global battery market, and recognised the importance of solid-state batteries in its Critical Minerals ...



[National Battery Strategy to build Australia's battery manufacturing](#)

Australia's first National Battery Strategy sets out how the country will build and sustain a thriving battery industry. The strategy outlines how Australia can help diversify global battery supply ...



[Advanced battery technologies](#)

We're driving innovation across the battery value chain - from materials discovery to cell design and battery system assembly - helping Australia build a sovereign and sustainable energy ...



[Ten new startups to accelerate Australian battery-making capability](#)

Sydney, Australia -- Ten groundbreaking startups are leading the charge to build Australia's next generation of battery manufacturing and electrification capability.

[Batteries , Department of Industry Science and Resources](#)

Under the National Battery Strategy, the government is investing in a range of initiatives to foster a thriving and competitive Australian battery industry. These build on initiatives already underway to ...



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