

ZINC BATTERY INITIATIVE

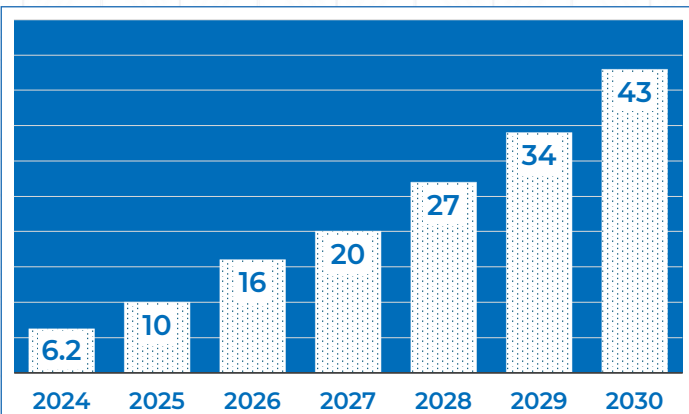
Powering the Future

Meet Zinc, a safe, scalable, and sustainable energy storage solution offering high performance at a low-cost.

Zinc powered the world's first battery in 1799; zinc serves as the dominant chemistry in modern primary batteries; and now zinc plays a critical role in storing energy generated by renewables for the energy transition.

The International Zinc Association launched the Zinc Battery Initiative in 2020 to promote the remarkable story of rechargeable zinc batteries and encourage further product and market adoption.

Forecast of Annual Demand for Zinc Rechargeable Batteries (1,000 metric tonnes zinc)



Sources: McKinsey & Company, CRU, Macquarie, and Avicenne

The Zinc Battery Advantage

Winning Combination: low-cost & high performance

Safe: nonflammable & no thermal runaway

Sustainable: responsibly-sourced, non-toxic & recyclable

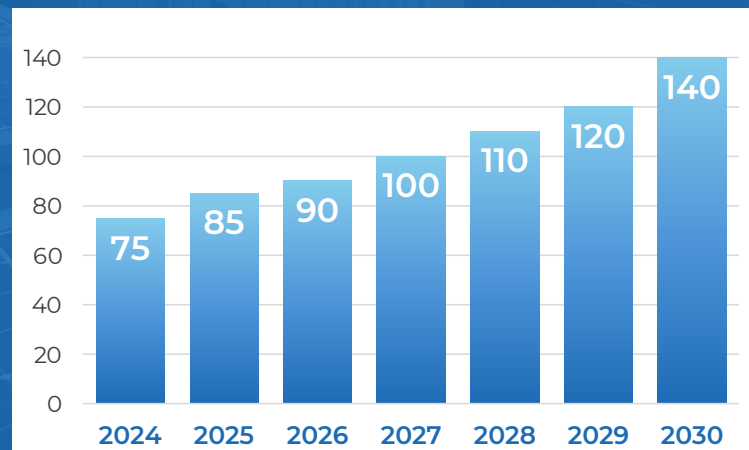
Flexible: operates in a wide range of temperatures

Long-lasting: operates 20 years & up to 100 hours

Scalable: sized to power a home or microgrid

Secure: global, sustainable, and conflict-free supply chain

Global Energy Storage Growth (Gigawatts)



Source: BloombergNEF

Zinc Battery Initiative

Various Chemistries, Versatile Applications

Zinc is a team player and works in many chemistries for a variety of applications.



Who We Are and What We Do

The Zinc Battery Initiative is comprised of the leading technology companies in the zinc battery industry. While each has developed its own proprietary technology, all share zinc as a common base to store energy in high-performance, safe, and environmentally sustainable batteries.

ZBI supports its members through promotion in both traditional and social media, government advocacy, navigating the complex regulatory landscape, and facilitating relationships among developers, suppliers, and government agencies. With a rich history of success, zinc batteries offer a promising future in the energy transition, and by speaking with one voice through the Zinc Battery Initiative, are making that future a reality.



For more information on the Zinc Battery Initiative,
visit www.zincbatteryinitiative.com