

## Capital lithium-ion battery technology

Hi Climate Community

In today's post, we'll outline some of the top investors and VC firms that are fueling the growth of battery storage technologies.

The IEA says that global investment in battery energy storage reached almost USD 10 billion in 2021. It is led by grid-scale deployment, which represented more than 70% of total spending in 2021 and by lithium-ion batteries, which took more than 90% of total deployment in 2020 and 2021.

After solid growth in 2021 and 2022, battery energy storage investment is expected to hit a record high and approach USD 20 billion in 2023, based on the existing pipeline of projects and new capacity targets set by governments.

The Demand for Batteries is not going away any time soon

As the world moves towards clean energy sources and electric vehicles, the demand for efficient battery storage technologies is becoming more important than ever. Battery storage has the potential to revolutionize not just the energy sector, but also impact various industries such as transportation, telecommunications, and consumer electronics.

As a result, investors and venture capital firms are increasingly looking for opportunities in this space. Let's look at the leaders:

### Breakthrough Energy Ventures (BEV)

Founded by Bill Gates, Breakthrough Energy Ventures is a \$1 billion fund that invests in innovative technologies that have the potential to significantly reduce greenhouse gas emissions. BEV has made several investments in battery storage companies, including Form Energy, QuantumScape, and Malta Inc. These companies are developing novel energy storage technologies, such as long-duration batteries and solid-state batteries, which promise to transform the way energy is stored and used.

### Khosla Ventures

Khosla Ventures, led by Silicon Valley entrepreneur Vinod Khosla, has a long history of investing in clean energy technologies, including battery storage. Some of their notable investments include Sakti3, which is developing solid-state batteries, and Seeo, a company working on advanced lithium-polymer batteries. Khosla Ventures' portfolio demonstrates a commitment to supporting innovative and disruptive technologies in the



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battery storage space.

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