

Macro Roundup Article

Headline: [How China Cornered The Market For Clean Tech](#)

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Tweet: China has massive economies of scale that have helped it corner the market on "clean tech." China has 90% of rare earth production, 80% of all stages of solar panel construction, and 60% of wind turbines and electric-car battery production.

Summary: In some of the materials used in batteries and more niche products, China's market share is close to 100%. Goldman data suggests that China can build an EV factory in about a 1/3 of the time it takes in other countries while a battery factory in the US will cost nearly 80% more than in China. Bernstein says the cost of some manufacturing in the US can be three times more than in China. This highlights how China's rivals must grapple with not only limited access to resources and upfront technology costs, but also labour shortages, wage inflation and higher environmental standards. Related: [Can the World Make an Electric Car Battery Without China?](#) and [Why China Could Dominate the Next Big Advance in Batteries and China's Curb On Metal Exports Reverberates Across Chip Sector](#)

Primary Topic: China

Topics: China, Energy, GDP, Innovation/Research, Investment, News article, Productivity, Trade (not deficits)

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