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Advising Greentech companies to help maximize growth

How Dominant is China in the Cleantech Space?



...and what are the future projections?

China Owns the Solar Panel Market



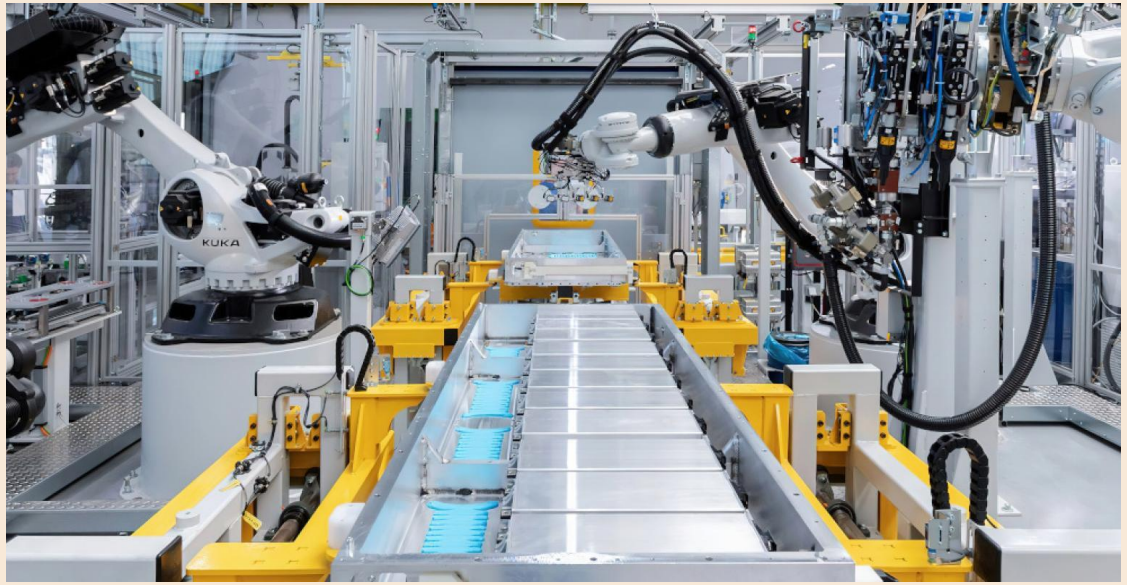
The International Energy Agency weighs in one the state of advancing clean technology manufacturing

- China controls almost 82% of the global solar panel manufacturing pipeline.
- Vietnam is a distant second at 4.16%, but they are thought to be a conduit for China.
- India is third with a meager 3.46% share, but the country is attempting to become a major player.
- The U.S. is lumped into the "rest of world" numbers which equal 10.4% of the global market.



The Biden administration's Inflation Reduction Acts is attempting to change this dynamic and create a U.S. battery supply chain.

It's as Dominate in the Battery Business



- At almost 83%, China's share in the batteries industry is even larger than that of solar panels.
- The U.S. and EU account for 6% and 6.6% respectively.
- The rest of the world kicks in less than 5%.



And its not just Solar and EVs



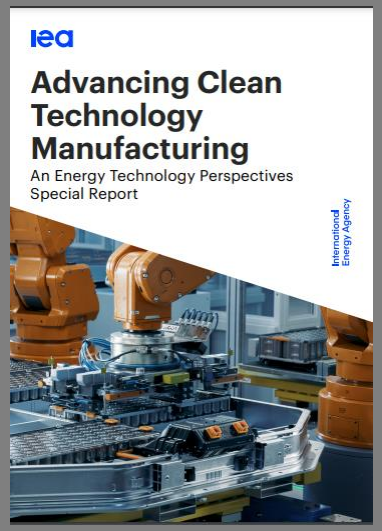




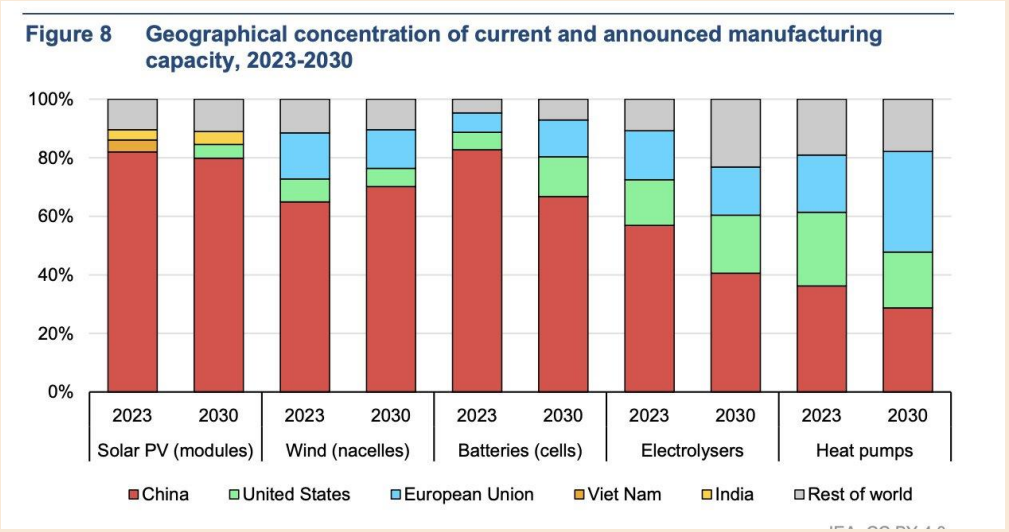
China is active in an array of clean energy markets, but most of the output is consumed domestically versus exported…

…but that could change.

- China accounts for over 56% of the hydrogen electrolyzer market.
- For wind nacelles – the core operating component for wind – they have an almost 65% share.
- They are just shy of 36% the heat pumps business.



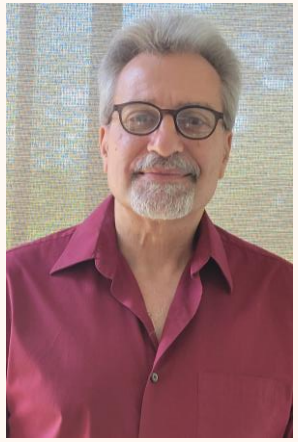
What are the 2030 Projections?



China is expected to remain a dominant player but legislation in the U.S. and the EU are attempting to lessens China's control.

- China is expected to maintain its dominance in solar panels. The U.S. is projected to grow its share to almost 5%.
- China's control over batteries is projected to decline to about 67% with both the US and EU doubling their share to around 13%.
- China may gain some ground in wind but lose ground in electrolyzers and heat pumps.

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Unbiased and Unfiltered

- An honest assessment of the climate change effort.
- I cover what's working – but more important - the issues/roadblocks that the industry would prefer to ignore.
- A must-read for anyone with a desire to understand what's really going on with renewable energy and climate change.



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