

New Study Shows Zero Emissions by 2050 in the U.S is Possible, But We've Got a Long Way to Go

Many members of the Paris Climate Agreement have made pledges to reach zero emissions by the year 2060 in order to be on track to limit warming to 2.1 degrees C by 2100. Japan, South Korea, and China are all among countries promising to reach zero emissions by 2060.

Image Credit: Dan Riedlhuber | Reuters

The U.S is not currently part of the Paris Climate agreement but president-elect Joe Biden has plans to rejoin. Additionally, the Biden administration has rolled out plans for the promise of being net-zero by 2050.

Unfortunately, many countries are already behind schedule for their emissions promises. Many countries have plans to increase fossil fuel production by two percent annually.

That being said, a new study by Princeton University presents many different paths for the U.S to get to net emissions by 2050. The U.S has serious work to do before it reaches its 2050 zero-emissions goal.

One such path requires an investment in solar and wind manufacturing, which offers long-term domestic employment opportunities without incurring too many additional technology costs. The caveat? Manufacturing capacity for turbines and photovoltaics would have to increase drastically by 2050 – up to 45 times for wind and 120 times for solar.

Yes, the U.S. can go carbon neutral by 2050, says new

Princeton study

The health of our environment and our own health are very intertwined. Sustainable, organic, whole foods do good for our environment whereas overly processed junk food leaves behind a significant carbon footprint, in most cases. One of the best things you can do for the environment is to take care of yourself in a sustainable way.