



# No wind for wind power generation around the world



## Overview

Below is a breakdown of the major factors that impacted the wind sector in 2025, and what to look out for in 2026 and beyond. • 121 Gigawatt added in 2024, slightly less than the last year • Dramatic 18% decline outside China • Annual growth rate falls from 13,0% to 11,5% • China installs 87 Gigawatt, 72% of new global capacity • Brazil becomes second largest market and joins top 5 wind power nations The full report as of. The worldwide total cumulative installed electricity generation capacity from wind power has increased rapidly since the start of the third millennium, and as of the end of 2023, it amounts to over 1000 GW. Since 2010, more than half of all new wind power was added outside traditional markets of Europe and North America, mainly driven by the continuing boom in China and India. Wind. Wind power and its synonym wind energy are terms that refer to electricity that has been generated by harnessing the power of wind, as opposed to other methods such as solar panels or the burning of fossil fuels.



## Article Content

Global wind energy resources decline under climate change

Wind energy is poised to play a major role in the energy transition. The objective of this work is to investigate the effects of climate change on global wind energy resources. For this ...

OPINION | Wind energy blown off course in 2025

Indeed, global electricity generation from wind farms this year is on track to register its smallest growth rate in more than 20 years, thanks in large part to sustained stretches of sub-par ...

Where Is Wind Energy Not Available And Used The Least

Wind power plants affect people and the environment, but the debate is often characterised by incorrect, inaccurate, and misleading claims. Not available for shared use are lanes ...

Prolonged wind droughts in a warming climate threaten global wind ...

This work aims to understand the weather and climate changes that impact global wind electricity generation to guarantee a stable energy supply.

Wind Power by Country 2026

While this rate of expansion still falls short of the global "Net Zero ...

What happens to wind power if the wind drops? | World ...

With all the talk of wind power being the answer to our energy needs, amid spiralling gas prices and the countdown to COP26, the recent wind ...

GWEC: Why Isn't the Global Wind Sector Growing ...

Emerging markets including Uzbekistan, Egypt and Saudi Arabia made progress, but the growth of wind elsewhere in the world has been fairly ...

Wind power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find ...

Wind power by country

Wind power is used on a commercial basis in more than half of all the ...

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