

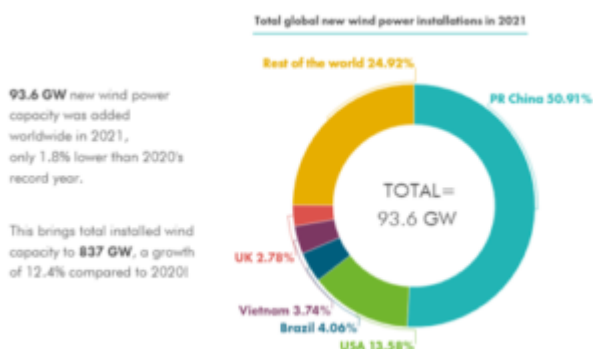
Global Wind Report for 2022

April 14, 2022

In news—The Global Wind Energy Council (GWEC) has published the Global Wind Report for 2022 recently.

Key highlights of the report-

- As per this report, **the global wind industry had its second-best year in 2021, with almost 94 GW of capacity added globally**, trailing behind the 2020's record growth by only 1.8%.
- **Europe, Latin America and Africa & Middle East had record years for new onshore installations**, but total onshore wind installations in 2021 was still 18% lower than the previous year.
- **The decline was driven primarily by the slow-down of onshore wind growth** in the world's two largest wind power markets, China and the US.
- **21.1 GW of offshore wind capacity was commissioned last year**, three times more than in 2020, making **2021 the best year in offshore wind history** and bringing its market share in global new installations to 22.5% in 2021.
- **China made up 80% of offshore wind capacity added worldwide in 2021**, bringing its cumulative offshore wind installations to 27.7 GW.



- **Total global wind power capacity is now up to 837 GW, helping the world avoid over 1.2 billion tonnes** of CO₂ annually – equivalent to the annual carbon emissions of South America.
- 557 GW of new capacity is expected to be added in the next five years under current policies and it is more than 110 GW of new installations each year until 2026.
- However, this growth needs to quadruple by the end of the decade if the world is to stay on-course for a 1.5 C pathway and net zero by 2050.

The Global Wind Energy Council (GWEC)-

- GWEC is a member-based organisation that represents the entire wind energy sector.
- The members of GWEC represent over 1,500 companies, organisations and institutions in more than 80 countries,
- It works at the highest international political level to create a better policy environment for wind power.
- It was **established in 2005 to provide a credible and representative forum for the entire wind energy** sector at an international level.
- Its **mission is to ensure that wind power is established as one of the world's leading energy sources**, providing substantial environmental and economic benefits.
- It is **headquartered in Brussels, Belgium.**