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## Renewables 2022 Global Status Report

### Context:

Recently the Renewables 2022 Global Status Report (GSR 2022) was released by REN21 (Renewable Energy Policy Network for the 21st Century).

### Relevance:

GS III- Environment and Ecology

### Dimensions of the Article:

1. About Renewables 2022 Global Status Report (GSR 2022)
2. Global Overview of the report
3. India's Performance

### About Renewables 2022 Global Status Report (GSR 2022)

- The Renewables 2022 Global Status Report documents the progress made in the renewable energy sector.
- The Global Status Report on Renewable Energy in 2022 records the renewable energy sector's progress.
- It emphasises the advantages of a renewable-energy-based economy and society, such as the possibility to develop more diverse and equitable energy governance through localised energy generation and value chains.
- Energy independence and security are better in countries where renewables account for a bigger proportion of overall energy use.

### About REN21

- REN21 is a global network of actors involved in renewable energy.
- It includes scientists, governments such as India's, non-governmental organisations and members of the industry who collated data on renewable energy installations, markets, investments and policies in countries across the world.



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## Global Overview of the report:

- This report warns that the global clean energy transition is not taking place, making it doubtful that the world will fulfil important climate targets this decade.
- Despite the fact that many more governments have pledged to net zero greenhouse gas emissions by 2050, most countries have returned to pursuing new sources of fossil fuels and burning even more coal, oil, and natural gas in response to the energy crisis.
- GSR 2022 presents a world map of renewable energy shares by country for the first time, highlighting development in some of the major countries.
- In the lead-up to the United Nations Climate Change Conference (COP26) in November 2021, a record 135 countries pledged to achieve net zero greenhouse gas emissions by 2050.
- Only 84 of these countries, however, had renewable energy targets that applied to the entire economy, and only 36 had 100% renewable energy targets.

## India's Performance:

- After China and Russia, **India placed third in terms of renewable energy installations** in 2021.
- In 2021, India added 843 MW of hydroelectric capacity, bringing the total capacity to 45.3 GW.
- India was the **second-largest market for new solar PV capacity in Asia, and the third-largest globally** (13 GW of additions in 2021).
- For the first time, it surpassed Germany (59.2 GW) for **fourth place in total installations** (60.4 GW).
- **India was ranked third in the world for total installed wind power capacity** (40.1 GW), behind China, the United States, and Germany.

*-Source: Down to Earth*

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