



**Research Unit**  
Press Information Bureau  
Ministry of Information and Broadcasting  
Government of India



## G20 Series #15

### India's G20 Presidency

#### *1st Energy Transitions Working Group Meeting*

*(Bengaluru – February 05-07, 2023)*

(Ministry of Information & Broadcasting)

February 28, 2023

*"India has adopted unique and innovative energy conservation methods, which are furthering sustainable development and also benefitting citizens."*

- [Prime Minister Narendra Modi](#)

The first G20 Energy Transitions Working Group (ETWG) Meeting under India's G20 Presidency was held in Bengaluru from February 05-07, 2023. [Over 150 participants including G20 member countries, and nine special invitee guest countries](#) – Bangladesh, Egypt, Mauritius, Netherlands, Nigeria, Oman, Singapore, UAE and Spain took part in the event along with the World Bank, Asian Development Bank, United Nations Environment Program (UNEP) and many other international organisations.



India's G20 Presidency aims to share, collaborate and build on the sense of trust among the member countries to help build a sustainable future for all.

***The priority areas of ETWG meeting included Energy Transition through:***

- ***Addressing Technology Gaps***
- ***Low-cost Financing for Energy Transition***
- ***Energy Security and Diversified Supply Chains***
- ***Energy Efficiency, Industrial Low Carbon Transitions and Responsible Consumption***
- ***Fuels for Future (3F) and Universal Access to Clean Energy and Just, Affordable, and Inclusive Energy Transition Pathways***

The Energy Transitions Working Group while retaining focus on achieving energy transition, also emphasized addressing technology gaps and financing to ensure that it is delivered across countries in a time-bound and affordable manner without compromising the energy needs of the communities.

## Day-1

The First G-20 Energy Transition Working Group meeting was inaugurated in Bengaluru on February 05, in the presence of Union Minister of Power and New and Renewable Energy R K Singh and Union Minister of Parliamentary Affairs, Coal and Mines Pralhad Joshi.



[Shri R.K. Singh called upon the G20 member countries to join together in countering the challenges posed by global warming and climate change.](#) Delivering the keynote address at the first ETWG Meeting, the Minister said that India now stands committed to reducing the emissions intensity of its GDP by 45 percent by 2030 from the 2005 level. He said the country also aims to achieve close to 50 percent cumulative electric power installed capacity from non-fossil fuel-based energy resources by 2030.

**Session-1: [Session 1 of the ETWG meeting](#) deliberated on addressing technology gaps in high-priority & critical technologies, including electrolysis, fuel cells, CCUS, battery storage & SMRs.**

**Session-2: [Session 2 of the ETWG meeting](#) discussed low-cost financing for critical clean energy technologies, including offshore wind, green hydrogen, battery energy storage & CCUS.**

## Day-2



India signed MoU with Indonesia-Malaysia-Thailand Growth Triangle. Joint Business Council to further promote adoption of energy efficiency and sustainable practices in the region.



Delegates were taken to Infosys Green Buildings Campus in the Electronic City of Bengaluru as a testimony to India's push towards the renewable sector and efforts to mitigate climate change. It is a benchmark site leading on environmental sustainability & innovation in the buildings sector.



Delegates complimented India for the mission-mode implementation of SAUBHAGYA, UJALA and UJJAWAL energy schemes that led to complete access to electricity, clean cooking and efficient lighting.

## Day-3

[ETWG delegates visited the Pavagada Solar Park in Tumkur, Karnataka.](#) With an installed capacity of 2.05 GW, it is one of the world's largest solar park facilities. The team of visitors comprised representatives from G20 member countries such as the United States, Australia, Russia, South Africa, Japan, Germany, China, and Saudi Arabia, in addition to nine special invitees.

[A presentation was made on the 2,000-MW capacity of the solar plant spread across 12,000 acres.](#) A demonstration was given on the use of robots for cleaning solar panels.



## Side Event

[On the sidelines of ETWG, a high-level international seminar on 'Carbon Capture, Utilization and Storage \(CCUS\)' was organized.](#) NTPC Ltd, India's largest integrated Power utility, hosted the seminar under the aegis of the G20 Indian presidency at Bengaluru. The seminar focused on highlighting the importance of carbon capture, utilization, and storage which is considered vital for achieving net-zero targets. [During the event, more than 200 dignitaries, speakers,](#)

[panelists, and delegates from various countries participated in the seminar](#), wherein they shared their knowledge and learnings about CCUS.

A 3D-Model of the NTPC flagship project on Flue Gas CO<sub>2</sub> to Methanol Synthesis was also showcased at the event. This plant is intended to reduce the CO<sub>2</sub> emission of the fossil-based Power plant by capturing it and converting it into useful hydrocarbon, i.e., Methanol.

## ETWG to set the agenda for Energy Transition Ministerial Meeting

To set the agenda and identify action areas for the planned Energy Transition Ministerial Meeting (ETMM), ETWG will conduct four working group meetings. The meetings will take place as follows:

- ❖ *1st ETWG Meet – Gandhinagar, April 2-4, 2023*
- ❖ *2nd ETWG Meet – Mumbai, May 15-17, 2023*
- ❖ *3rd ETWG Meet – Goa, July 19-20, 2023*
- ❖ *4th ETMM – Goa, July 22, 2023*



## References

- PIB Press Release on [G20 Energy Transitions Working Group deliberations conclude successfully](#) dated February 06, 2023.
- PIB Press Release on [NTPC hosts international seminar on ‘Carbon Capture Utilization and Storage’](#) dated February 05, 2023.
- PIB Press Release on [First Energy Transitions Working Group Meeting to begin in Bengaluru tomorrow](#) dated February 04, 2023.
- PIB Press Release on [Union Minister Shri RK Singh calls upon G20 partners for a united fight against global warming](#) dated February 5, 2023.
- <https://newsonair.gov.in/News?title=First-G-20-Energy-Transition-Working-Group-meeting-to-be-held-in-Bengaluru&id=455202>

## Twitter links

- <https://twitter.com/narendramodi/status/1622540514716164096?s=20&t=2WcjAnzUZ2MLKS7tZpb1KQ>
- <https://twitter.com/g20org/status/1622448489690185728?s=20&t=x0CRT56Mr4RphaP9sr6QUw>
- [https://twitter.com/g20org/status/1622095347127586816?s=20&t=9hAZ9asucgSL1IJHD\\_NYQ](https://twitter.com/g20org/status/1622095347127586816?s=20&t=9hAZ9asucgSL1IJHD_NYQ)
- <https://twitter.com/g20org/status/1622145000569200640?s=20&t=GxVoxG-YwSBd0VWqhYgqwQ>
- <https://twitter.com/g20org/status/1622158635060326400?s=20&t=GxVoxG-YwSBd0VWqhYgqwQ>
- [https://twitter.com/airnewsalerts/status/1622033577474166784?s=20&t=q\\_X5A0ILk0MQ9gvIBYvUw](https://twitter.com/airnewsalerts/status/1622033577474166784?s=20&t=q_X5A0ILk0MQ9gvIBYvUw)
- <https://twitter.com/g20org/status/1622070992620380161?s=20&t=TdbJ5mY5pBsAKCBIN1Pe3Q>
- <https://twitter.com/MinOfPower/status/1622478745985757188?s=20&t=bkQWUKOxcRaXfYH3Nt0pSA>
- <https://twitter.com/g20org/status/1622608420363960320?s=20&t=3UFLti-xIJSZXKU-iS8Ykw>

AG/HP/PK/JA