

How can India accelerate the implementation of the National Green Hydrogen Mission?

Assessment of Standards to Enable the Ecosystem

4 August 2023 | 1630 – 1745 IST

Session brief

The Council on Energy, Environment and Water (CEEW) is hosting a webinar, '**Assessment of Standards to Enable the Ecosystem**,' to deliberate on the gaps in standards for **India's hydrogen value chain**. CEEW will also be releasing a report on '**Accelerating the implementation of India's National Green Hydrogen Mission - Assessment of Standards to Enable the Ecosystem**' during the webinar.

The National Green Hydrogen Mission targets producing 5 million tonnes per annum (MTPA) of green hydrogen by 2030. The need for codes and standards has been consistently recognised as a major hindrance to the large-scale deployment of any horizon technology. In order to enable the uptake of hydrogen, governments, research institutions, and international bodies are working in conjunction to harmonise codes, standards, and procedures related to the hydrogen value chain. This report compares various standards developed and adopted by different countries and identifies gaps in India's hydrogen standards framework. In addition, the study recommends standards that India needs to adopt to enable the development of a hydrogen ecosystem in the country.

The webinar will bring together experts from industry and academia to deliberate on the standards framework in India. It will focus on the need and process of developing standards for a new-age fuel like hydrogen and its importance for a country like India.

Agenda (IST)

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| 1630 – 1635 | <p>Welcome Address</p> <p>Deepak Yadav, Programme Lead, CEEW</p> |
| 1635 – 1645 | <p>Keynote Address Developing standards for the green hydrogen value chain in India</p> <p>Sh. Prasad Arvind Chaphekar Deputy Secretary Ministry of New and Renewable Energy (MNRE)</p> |
| 1645 – 1655 | <p>Context Setting Presentation Accelerating the implementation of India's National Green Hydrogen Mission - Assessment of Standards to Enable the Ecosystem</p> <p>Pratheek Sripathy, Consultant, CEEW</p> |
| 1655 – 1740 | <p>Moderated Panel Discussion and selected Q&A </p> <p>Moderator Deepak Yadav, Programme Lead, CEEW</p> <p>Chitra Rajagopal, Director of CoE, Indian Institute of Technology, Delhi</p> <p>Prashant K. Banerjee, Executive Director, SIAM</p> <p>Rolf Behrndt Senior Hydrogen Advisor, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH</p> |
| 1740 – 1745 | <p>Concluding Remarks</p> <p>Deepak Yadav, Programme Lead, CEEW</p> |