

Research and Innovation event on Hydrogen

Updated 28.03.2022

Event name:	Research and Innovation enabling safe and cost-effective clean hydrogen production
Mode:	Digital (Digital Team Norway India platform)
Date:	Thursday 31 st March 2022.
Time:	14:00 – 17:00 (IST) / 10:30 – 13:30 (CET)

Background

Team Norway, India in collaboration with Indo-Norwegian Centre of Excellence on Hydrogen (CoE-H) are organizing webinar on Research and Innovation for safe and cost-effective clean hydrogen production. This is a virtual and open event where the tremendous opportunities associated with the production and use of hydrogen and hydrogen-based fuels for the Green Deal, are in focus.

The event will facilitate knowledge exchange as well as provide an excellent platform for research, innovation, and business partnerships for accelerating the production of safe and cost-effective clean hydrogen production. Moreover, the innovative solutions and technologies can bring positive impact to bridge the gaps between ready-to-market technology and large-scale uptake, while continuing the efforts to improve and diversify the production technological options. This will be an excellent networking opportunity and knowledge sharing for all Norwegian and Indian academia and businesses, those looking to exploit the collaboration possibilities in the development, of hydrogen technologies.

The ambition of the event is to promote Norwegian interests through interaction between with Indian experts, companies, and researchers. Post the webinar, Innovation Norway will facilitate 1:1 interaction among interested organizations to further discuss concrete plans. This webinar lays the foundation for discussions in subsequent webinars and should be attended by all Norwegian and Indian organizations engaged in hydrogen research and innovation.

Overall goal

Identify key challenges to scale up the hydrogen economy, in which collaboration and partnership between research, innovation, and business can contribute to accelerate the green energy transition in India.

Objectives

- 1) To showcase Norwegian strengths, research-based knowledge, competencies, and infrastructure.
- 2) To bring together strong research communities and businesses and facilitate joint initiatives.
- 3) To discuss opportunities that can help to achieve the UN's sustainability goals and to contribute to solving environmental challenges
- 4) To accelerate the development of new business opportunities within the hydrogen value chain and facilitating collaboration.

Target groups for invitation

Open audience from Norway and India. By pre-registration.

- Indian and Norwegian university and research institutions
- Indian and Norwegian companies and clusters
- Public authorities, policymakers both from Norway and India

Tentative Program

Inaugural remarks (speakers TBC)

14:00 – 14:40 (IST) / 10:30 – 11:10 (CET)

Moderator: Welcome - Dr. Maan Singh Sidhu, Counsellor for Science, Technology & Higher Education, Royal Norwegian Embassy, India

- Ms. Janicke Andreassen, State Secretary, Ministry of Trade and Industry, Government of Norway (pre-recorded speech) (confirmed)
- Dr. Jitendra Singh, Minister of State (Independent Charge) for Science and Technology (calendar blocked)
- H.E. Mr. Hans Jacob Frydenlund, Ambassador of Norway to India (confirmed)
- Dr. Rune Volla, Director for energy research, Research Council of Norway (confirmed)
- Mr. Håkon Haugli, Chief Executive, Innovation Norway

Session 1: Future perspective of research and innovation on sustainable hydrogen production technologies

14:40 – 15:30 (IST) / 11:10 – 12:00 (CET)

Chair: Dr. Sanjeev K. Varshney, Head of Department, International Cooperation, Department of Science & Technology, Government of India (confirmed)

- Prof. Mohan Lal Kolhe, University of Agder (UiA), Norway (confirmed)
- Associate Prof. Arnab Dutta, Indian Institute of Technology, (IIT Bombay) (Associate of Indian Academy of Sciences) (confirmed)
- Prof. Frode Seland, Norwegian University of Science and Technology (NTNU) (confirmed)
- Dr. (Ms) Chitra Rajagopal, Former Director General and currently Director, Centre of excellence, Indian Institute of Technology (IIT Delhi) (confirmed)

Session 2: Innovative approaches towards safe and cost-effective clean hydrogen production

15:30 – 16:20 (IST) / 12:00 – 12:50 (CET)

Chair: Dr. Karen Landmark, Director Business development, Greenstat, Asia (confirmed)

- Mr. Akshay Bhardwaj, General Manager, Hydrogen & New Business at ACME Cleantech Solution Private Limited, India (confirmed)
- Mr. Terje Hauan, Director of Strategy & Business Development, SEID AS, Norway (confirmed)
- Mr. Bernt Skeie, CEO at Clara Venture Labs, Norway (confirmed)

Session 3: Panel discussion

16:20 – 16:55 (IST) / 12:50 – 13:25 (CET)

Chair: Cristian Rodrigo Valdes Carter, Director Innovation Norway, India (confirmed)

- Mr. Akshay Bhardwaj, General Manager, Hydrogen & New Business at ACME Cleantech Solution Private Limited, India (confirmed)
- Mr. Terje Hauan, Director of Strategy & Business Development, SEID AS, Norway (confirmed)
- Mr. Bernt Skeie, CEO at Clara Venture Labs, Norway (confirmed)

Vote of thanks

16:55 – 17:00 (IST) / 12:25 – 13:30 (CET)

- Dr. Karen Landmark, Director Business development, Greenstat, Asia. (confirmed)