



**Powering
India's
Hydrogen
Ecosystem**

03 SEPTEMBER 2021 | WWW.ICS-HYDROGEN.COM

INAUGURAL/ OPENING SESSION

10:00 - 13:00 HRS (IST) | TAJ PALACE, NEW DELHI

HYBRID

Welcome Address and Program Perspective	PHDCCI
Inaugural Address <ul style="list-style-type: none">Release of Knowledge Book "Self-Reliant India - harnessing the power of hydrogen" by Dr. Karen Landmark, Dr. J. P. Gupta, et al.Launch of National Hydrogen Portal greenhydrogen-india.com	Shri Narendra Modi* Hon'ble Prime Minister of India
Special Address India's Commitments towards UN Sustainability - Goal - 17	Shri Bhupendra Yadav Hon'ble Minister of Environment, Forest & Climate Change
Special Address National Hydrogen Energy Mission	Shri Raj Kumar Singh* Hon'ble Minister of Power and New & Renewable Energy
National Hydrogen Energy Mission	Dr. Jitendra Singh Union Minister of State(IC) Science & Technology, Govt. of India
Keynote Address	Ms. Tina Bru Minister of Petroleum and Energy, Govt. of Norway
Keynote Address	H.E. Mr. Hans Jacob Frydenlund Norway Ambassador to India
Keynote Address	Dr. V. K. Saraswat , Member Energy, NITI Aayog
Keynote Address	Shri Deepak Bagla , MD & CEO, Invest India
Keynote Address	Shri Mukesh D. Ambani Chairman & MD, Reliance Industries Ltd.
Keynote Address	Mr. Nobuo Tanaka Special Advisor, The Sasakawa Peace Foundation
Keynote Address	Mr. Sturle Harald Pedersen Chairman, Greenstat India, Norway
Keynote Address	Mr. Håkon Haugli CEO, Innovation Norway/Cristian Valdes Carter, Country Director, Innovation Norway India
Vote of Thanks	PHDCCI Committee

*To be confirmed

SESSION 01 International Alliances and Coalitions	SESSION 02 International and Private Sector Funding	SESSION 03 - A MAKE IN INDIA Hydrogen Production Technologies	SESSION 04 - A Policy Regulations	SESSION 05 - A Ecology, Agriculture & Climate Change Mitigation
14:00-16:00 HRS (IST)	14:00-16:30 HRS (IST)	14:00-15:30 HRS (IST)	14:00-16:00 HRS (IST)	14:00-1600 HRS (IST)
<p>Keynote Speaker Prof. K. Vijay Raghavan Principal Scientific Advisor, Govt. of India</p> <p>Moderator Sturle Harald Pedersen Chairman, Greenstat Hydrogen, India, Norway</p> <p>Speakers Anurag Pandey RIL R&D Lead and India H2 Alliance (IH2A)</p> <p>Dr. Karen Landmark Chair of the Board, Greenstat Asia, Norway</p> <p>Kowtham Raj VS Fellow (Hydrogen), NITI Aayog</p> <p>Ravneet Mann Vice President, Invest India</p> <p>Francesca Dionisi Vici* Head of Relations with Foreign Institutions and International Organizations, ENI S.p.A.</p>	<p>Keynote Speaker Jillian Evanko President and CEO, Chart Industries</p> <p>Moderator Rajnish Kumar Former Chairman, SBI</p> <p>Speakers Isabelle Laurent Deputy Treasurer and Head of Funding, EBRD</p> <p>Dr. Sunita Satyapal Director, Hydrogen Fuel Cell Technology Office, US Department of Energy</p> <p>Surbhi Goyal Senior Energy Specialist, World Bank, Delhi Office</p> <p>Takeo KONISHI Country Director, INRM, ADB</p> <p>Kailash Vasvani President, Corporate Finance Renew Power, New Delhi</p> <p>Neeraj Gupta CFO, Acme Solar</p> <p>Chintan Shah Director Technical, IREDA</p> <p>Sridhar Rengan* Managing Director, Finance, Brookfield Asset Management</p> <p>Rajgopal Narasimhan* Executive Director, Goldman Sachs</p>	<p>Keynote Speaker Ms. Prerna Soni Vice President, Invest India</p> <p>Moderator Prof. S. Dasappa Professor, IISc Bangalore</p> <p>Speakers Dr. Ashish Lele Director, National Chemical Laboratory</p> <p>Dr. SSV Ramakumar Director R&D, Indian Oil Corporation Limited</p> <p>Desikan Sundararajan Country Manager India, Equinor</p> <p>Vegard Frihammer Founder & CEO, Greenstat Chair H2 Cluster, Norway</p> <p>Rajat Seksaria CEO, ACME Solar</p> <p>Sang Ratnam* Business Director, Total Energies</p>	<p>Moderator Mr. AK Saxena Senior Director, Electricity & Fuel Division, TERI</p> <p>Speakers S. C. Gupta* Joint Adviser, PNGRB</p> <p>Dr. R. K. Malhotra Director General, The Federation of Indian Petroleum Industry (FIPI)</p> <p>P. K. Banerjee Executive Director, SIAM</p> <p>Anshu Bhardwaj CEO, Shakti Foundation</p> <p>Dipesh Pherwani Scientific Officer, Ministry of New and Renewable Energy</p>	<p>Keynote Speaker Prof. Dr. Arthur Riedacker (IPCC Co-Nobel Prize laureate as a contributor since 1990), Honorary Professor, INRA, France</p> <p>Moderator Dr. Rakesh Kumar Director, CSIR</p> <p>Speakers Prof. Dr. Robert Costanza American/Australian Ecological Economist, Chair in Public Policy, The Australian National University</p> <p>Prof. Ashutosh Sharma Secretary, Department of Science & Technology</p> <p>Dr. Adrian Percy Chief Technology Officer, UPL, USA</p>



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SUMMIT SCHEDULE

VIRTUAL

<p>SESSION 03 - B MAKE IN INDIA Fuel Cell and Hydrogen in Transportation</p> <p>16:00-17:30 HRS (IST)</p>	<p>SESSION 04 - B Setting up of Centre of Excellence in Hydrogen (CoE-H2)</p> <p>16:30-18:30 HRS (IST)</p>	<p>SESSION 05 - B Role of Hydrogen for a Carbon Neutral Ladakh</p> <p>16:30-18:30 HRS (IST)</p>	<p>SESSION 03 - C MAKE IN INDIA Hydrogen Storage</p> <p>17:30 -18:30 HRS (IST)</p>
<p>Keynote Speaker Bernt Skeie CEO, Prototech</p> <p>Moderator Shri Prakash Distinguished Fellow, TERI</p> <p>Speakers Vikram Gulati Senior Vice President Toyota Kirloskar Motors (KTM)</p> <p>Mohit Bhargava* Executive Director, NTPC Limited</p> <p>David Cirelli* Country Manager & CEO, Snam India, Snam S.p.A</p> <p>Dr. Sushil S. Ramdasi Deputy Director Powertrain Engineering, ARAI</p> <p>Sanjay Khatri* Country Head -Corporate and Government Affairs, Bosch</p> <p>Geir Bjørkeli CEO, Corvus Energy</p>	<p>Keynote Speaker Cristian Valdes Carter Director, Innovation Norway India</p> <p>Moderator Girish Sethi Senior Director, Energy Program, TERI</p> <p>Speakers Eli Aamot* Executive Vice President, SINTEF</p> <p>Dr. Scott Davis President, Gexcon US Technical Advisory Committee Members Mary Kay O'Connor Process Safety Center, Texas A&M University, USA Gexcon Norway</p> <p>Prof. Dr. Jan Roar Bakke Chairman, Process Safety Subcommittee, IOGP, Chairman of Explosion Working Group, Gexcon Norway</p> <p>Umesh Sahdev Director, Hydrogenium Resources Private Limited</p>	<p>Keynote Speaker Umang Narula Advisor to Lt. Governor, UT of Ladakh</p> <p>Moderator R.R. Rashmi Distinguished Fellow and Programme Director, Earth Science and Climate Change TERI</p> <p>Speakers Munish Jauhari* Joint Secretary, NITI Aayog</p> <p>Gailius Draugelis* Lead Energy Specialist, South Asia, The World Bank</p> <p>Souvik Bhattacharjya Associate Director, TERI</p> <p>Saugata Biswas* Divisional Commissioner Transport, UT Ladakh</p>	<p>Keynote Speaker Dr. Akira Yabe Director General, Energy System & Hydrogen Unit, Technology Strategy Centre (TSC), New Energy and Industrial Technology Development Organization (NEDO), Japan</p> <p>Moderator Dr. B. Viswanathan* Professor, IIT Madras</p> <p>Speakers Dr. N. Rajalakshmi Senior Scientist & Head, ARCI</p> <p>Prof. Jayant K Singh Professor, IIT Kanpur</p> <p>Dr. T. P. Yadav Scientist, BHU</p> <p>James Collins* Head-Investor Relations, ITM Power</p>

*To be confirmed