Key Highlights

25
Sessions

Sessions with Technical & Industry Experts from India and Overseas

1500+
Overseas & Indian Delegates

Technical deliberations to establish Green Hydrogen ecosystem

Regional Perspective on Green Hydrogen - Americas, Australia, Africa, Europe, India

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INTERNATIONAL CONFERENCE ON GREEN HYDROGEN 2023

5-7 July 2023
Vigyan Bhawan, New Delhi

www.icgh.in

Shri RK Singh
Hon'ble Minister of New &
Renewable Energy and Power
Government of India

Shri Hardeep S Puri
Hon'ble Minister of Petroleum & Natural Gas
and Housing & Urban Affairs
Government of India

Dr Jitendra Singh
Hon'ble Minister of State (IC)
for Science & Technology;
and Minister of State in the Prime Minister's Office;
Personnel, Public Grievances & Pensions;
Atomic Energy; and Space
Government of India

India launched the National Green Hydrogen Mission on 4th January 2023. The Mission aims to establish a Green Hydrogen ecosystem in India. This will require synergising demand and supply, creation of enabling policy and regulatory frameworks for innovative and affordable solutions. Green Hydrogen can replace fossil fuels and fossil-based feedstocks in several hard-to-abate sectors like Refineries, Fertilisers, Steel and Chemicals and also in sectors like Aviation and Shipping.

Government of India is organizing an International Conference on Green Hydrogen (ICGH-2023) on 5-7 July 2023 at New Delhi's Vigyan Bhawan to discuss the recent advances and upcoming technologies across the entire Green Hydrogen value chain. The forum will provide an opportunity to discuss the evolving Green Hydrogen landscape and network with global scientific community and industry.

The 3-day mega event will feature plenary talks, expert panel discussions and technical deliberations around establishing Green Hydrogen ecosystem and catalyzing a systemic approach for meeting the global goals for decarbonization through Green Hydrogen.

Apart from domain-specific interaction on hydrogen production, storage, distribution and downstream applications, the conference will also be discussing green financing, human resource upskilling and startup initiatives in this area.

Key Sessions

DAY 1: 5th July 2023

Time	Sessions			
09:15 hrs -10:15 hrs	Inaugural Session			
10:45 hrs - 11:30 hrs	Plenary Session 1: Indian Perspective			
11:30 hrs - 13:00 hrs	Parallel Session 1			
	1A Hydrogen Production-Electrolysis and Bio-Pathways	1B Hydrogen Storage, Distribution and Refuelling	1C Hydrogen Energy Ecosystems & Assessment	1D Fuel Cells & Electrolyzers: Key materials & components
14:00 hrs - 14:45 hrs	Plenary Session 2: USA Perspective			
14:50 hrs - 16:20 hrs	Parallel Session 2			
	2A Hydrogen Production-Thermochemical Nuclear/Other	2B Hydrogen in Mobility	2C Integrated Hydrogen Systems	2D Hydrogen in Industries
17:00 hrs - 17:45 hrs	Summary of Technical Parallel Sessions by Dr Ashish Lele			
17:45 hrs - 18:45 hrs	Panel Discussion on Disruptive Science and Technology			

DAY 2: 6th July 2023

Time	Sessions			
09:30 hrs - 10:15 hrs	Plenary Session 3: Japanese Perspective			
10:15 hrs - 11:00 hrs	Plenary Session 4: Australian Perspective			
11:30 hrs - 13:00 hrs	Parallel Session 3			
	3A Hydrogen Infrastructure and Compatibility	3B Hydrogen Economy – Logistics and Infra	3C Regulations, Codes, & Standards	3D Hydrogen Valleys/ Hubs/ Clusters
14:00 hrs - 14:45 hrs	Plenary Session 5: International Energy Agency (IEA) Perspective			
14:50 hrs - 16:20 hrs	Parallel Session 4			
	4A Start-ups in Hydrogen	4B Hydrogen Strategies and Polices	4C Green Financing	4D Strengthening R&D Ecosystem
17:00 hrs - 17:45 hrs	Summary of Technical Parallel Sessions by Dr SSV Ramakumar			
17:45 hrs - 18:45 hrs	Panel Discussion on Carbon Emissions Associated with Green Hydrogen Production			

DAY 3: 7th July 2023

Time	Sessions
09:15 hrs – 10:00 hrs	Plenary Session 6: European Perspective
10:15 hrs – 12:15 hrs	Industry Panel Discussion I & Industry Panel Discussion II
12:15 hrs – 13:00 hrs	Valedictory Session