



Hydrogen India Conclave (HIC)

Driving India as an emerging Hydrogen Economy

(Under **MIGHT** - **Mobility and Infrastructure with Green Hydrogen Technology initiative**)

Date: June 23, 2021 Time: 12:00 – 19:15 IST

Presented by	Host Media Partner	Country Partner	Supporting Partner	Associate Partner
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The government of India announced in the Union Budget 2021, its plan to launch a National Hydrogen Mission and may come out with a draft mission in the next two months. For the current financial year, the Ministry of New and Renewable Energy (MNRE) has been allotted Rs 25 crore for research and development (R&D) in hydrogen. Once the draft of the mission is in place, it will be floated for public consultation. There will be five key areas the government will focus on which includes R&D, demand creation, how it can be used in industry, how to create an eco-system including policies for this and how-to bring industry on board along with international partnerships. In these five areas, demand creation will focus on what kind of niche products can be taken up and how effectively the fuel can be used in trucks and buses. In the industrial sector, the government is looking at hydrogen as a replacement for coke in the steel industry and making use of the fuel in the fertilizer sector. MNRE has indicated that by 2025-26, the industrial sector will be one of the major recipients of hydrogen.

IESA's MIGHT - (Mobility and Infrastructure with Green Hydrogen Technology) initiative is accelerating the adoption of hydrogen technologies in India. For India, Hydrogen presents a potential opportunity to decrease reliance on oil imports and focus on alternate energy sources. In line with the industry needs, IESA launched the MIGHT in 2020 for supporting policies to enable use of green hydrogen in both stationary and mobility sector. IESA anticipate that advanced chemistry cell battery manufacturing mission and hydrogen mission together can enable India to fast-track decarbonization of grid, industrial sector, and transportation sector in coming decade.

Since 2012, IESA has been working to help address enabling policy framework for all forms of energy storage technologies for both stationary and emobility applications. IESA organized a workshop on Hydrogen Economy and India – Nordic Collaboration during India Energy Storage Week (IESW 2020) and also organized a roundtable in Hydrogen and Fuel cell Opportunities in 2020. It worked to include hydrogen as part of the National Energy Storage Mission developed for MNRE in 2018. Recently, IESA organized 3 series Hydrogen reoundtable focused on policy, market, application and international collaboration.

IESA is organizing annual flagship event on hydrogen and fuel cell, **“Hydrogen India Conclave” #HIC2021** on 23rd June 2021 focused on both mobility and industrial applications. We invite all Indian and global stakeholders including technology providers, policymakers and industry players to join this premier event of IESA.

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AGENDA

12:00 – 13:00 IST	Green Hydrogen Road for India <ul style="list-style-type: none">• National Hydrogen Energy Mission.• Making India as an emerging Hydrogen economy.• Green Hydrogen strategic action plan.
13:00 – 14:30 IST	Green Hydrogen Demand <ul style="list-style-type: none">- What should be the ideal target for 2025 and 2030?- What should be the ideal size of a green tender?• Refining & Petrochemicals• Fertiliser• Steel• Transport & Mobility• Other Industry
14:30 – 16:00 IST	Green Hydrogen Supply <ul style="list-style-type: none">• Key Challenges & constraints• New R&D, cost roadmap• T&D waivers• Composite high-pressure distribution/transportation systems• Renewable energy based generation
16:00 – 17:30 IST	Manufacturing & Technology Landscape <ul style="list-style-type: none">• Hydrogen production and fuelling for BIG applications• Electrolysers, Compressor & components• Hydrogen fuelling stations• Fuel cell engine• Economies of scale – Key to Growth• Methanol as a Hydrogen carrier
17:30 – 17:45 IST	Break
17:45 – 19:00 IST	Global Collaboration <ul style="list-style-type: none">• Role of hydrogen in a low carbon future• Leveraging carbon credits• Towards Zero Emission Mobility• Financing in developed and emerging countries• Fuelling standards for the new and big applications
19:00 – 19:15 IST	Closing Remarks

Registration Fee:

Early Bird Price: Before 15 June 2021
INR 10,000/- plus taxes

Regular Price: After 15 June 2021
INR 14,000/- plus taxes

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