



Hydrogen Association of India

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Editorial Committee

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If we had a hydrogen economy worldwide, every nation on earth could create its own energy source to support its economy, and the threat of war over diminishing resources would just evaporate.

- Dennis Weaver

India Awards Low-Cost Green Ammonia Contracts



India achieved a significant milestone under the Strategic Interventions for Green Hydrogen Transition (SIGHT) scheme by awarding green ammonia supply contracts at ₹49.75–₹64.74 per kilogram, among the lowest prices discovered globally. The competitive bidding process, conducted by the Solar Energy Corporation of India (SECI), aims to promote large-scale green ammonia production for the fertilizer sector. These low prices improve the commercial viability of green ammonia, reduce dependence on imported fossil fuels, encourage investment in renewable energy and electrolyzers, support industrial decarbonization, and strengthen India's goal of becoming a global leader in green hydrogen and ammonia production by 2030.

Ref : <https://www.seci.co.in/>

Green Hydrogen India Summit Held in New Delhi



The Green Hydrogen India Summit 2026, held in New Delhi from 8–10 April 2026, brought together industry leaders, policymakers, researchers, investors, and technology providers to accelerate India's green hydrogen transition. The summit focused on key topics such as electrolyser manufacturing, renewable energy integration, hydrogen storage and transportation, financing, and policy support under the National Green Hydrogen Mission. Participants discussed investment opportunities, public-private partnerships, and strategies to build a competitive hydrogen ecosystem. The event highlighted India's ambition to become a global hub for green hydrogen production, attract domestic and international investments, create employment, and support the country's net-zero emissions target while strengthening energy security and industrial decarbonization.

Ref : <https://nghm.mnre.gov.in/>

BHEL Signs Technology Transfer Agreement with BARC for Indigenous Alkaline Electrolyser



Bharat Heavy Electricals Limited (BHEL) signed a Technology Transfer Agreement (TTA) with the Bhabha Atomic Research Centre (BARC) to commercialize BARC's 50 kW indigenous alkaline electrolyser technology. The agreement aims to strengthen India's domestic electrolyser manufacturing capabilities under the National Green Hydrogen Mission. By producing electrolyzers locally, India can reduce dependence on expensive imports, lower the cost of green hydrogen production, and promote self-reliance in clean energy technologies. The technology will support green hydrogen deployment in key sectors such as refineries, fertilizers, steel, transportation, and renewable energy integration. This collaboration also encourages innovation, industrial growth, job creation, and advances India's goal of becoming a global leader in the green hydrogen economy.

Ref : <https://www.barc.gov.in/>



India Reports Falling Green Hydrogen Production Costs



On 16 April 2026, industry estimates indicated that the cost of producing green hydrogen in India had declined to ₹397–₹560 per kilogram, reflecting significant progress in the country's clean energy transition. The reduction was driven by lower renewable electricity prices, improved electrolyser efficiency, and supportive government policies under the National Green Hydrogen Mission. However, green hydrogen remains more expensive than conventional grey hydrogen, mainly due to high capital investment, financing costs, and the price of renewable power. Experts emphasized that further technological advancements, large-scale manufacturing of electrolysers, and affordable financing are essential to make green hydrogen commercially competitive and accelerate its adoption across industries such as refineries, fertilizers, steel, and transportation.

Ref : <https://mnre.gov.in/>

Shell Seeks Delay in EU Green Hydrogen Rules



Shell requested that the European Union (EU) delay the implementation of its strict "hourly renewable matching" rules for green hydrogen production. Under these regulations, electrolysers must use renewable electricity generated during the same hour to qualify as green hydrogen. Shell argued that the requirement would increase production costs, reduce plant operating hours, and slow investment in the emerging hydrogen sector. The company recommended a phased implementation to allow the industry more time to expand renewable energy capacity and hydrogen infrastructure. The debate highlights the challenge of balancing stringent climate regulations with the need to make green hydrogen economically competitive and accelerate Europe's clean energy transition.

Ref : www.shell.com

Indian Refineries Begin Shift to Green Hydrogen in 2026



On 22 April 2026, reports indicated that India had commissioned approximately 8,000 tonnes per annum (TPA) of green hydrogen production capacity under the National Green Hydrogen Mission. This achievement marks an important step in scaling up the country's clean hydrogen ecosystem and demonstrates steady progress toward commercial green hydrogen production. The commissioned capacity is expected to support industries such as refineries, fertilizers, steel, and heavy transportation by replacing fossil-fuel-based hydrogen with a cleaner alternative. It also strengthens India's energy security, reduces greenhouse gas emissions, and encourages investments in renewable energy, electrolysers, and hydrogen infrastructure. The milestone supports India's long-term objective of becoming a global leader in green hydrogen production and exports by 2030.

Ref : <https://mnre.gov.in/>

Kandla Green Hydrogen Transmission Project Delayed



On 15 June 2026, the development of transmission infrastructure for the planned Kandla Green Hydrogen Hub in Gujarat was delayed after a major bidder withdrew from the project. The transmission network is essential for delivering renewable electricity to green hydrogen production facilities, ensuring reliable and cost-effective hydrogen generation. The delay may postpone project implementation, increase development costs, and affect India's plans to expand green hydrogen production under the National Green Hydrogen Mission. Despite this setback, the government continues to promote investments in renewable energy, transmission infrastructure, and hydrogen projects to strengthen India's clean energy ecosystem. Once completed, the Kandla hub is expected to play a key role in hydrogen production, industrial decarbonization, and future green hydrogen exports.

Ref : <https://powermin.gov.in/>



NTPC Green Hydrogen Mobility Project Expanded



NTPC Limited announced the expansion of its Green Hydrogen Mobility Project to accelerate hydrogen-powered transportation in India. The initiative includes green hydrogen production using renewable electricity, advanced storage facilities, and hydrogen refuelling stations for buses and heavy-duty vehicles. The project aims to reduce carbon emissions from the transport sector while demonstrating the commercial viability of green hydrogen as a clean fuel. NTPC also plans to collaborate with state governments and industrial partners to expand hydrogen infrastructure across major cities, supporting the National Green Hydrogen Mission and India's long-term net-zero and energy security goals.

Ref : <https://www.ntpc.co.in/>

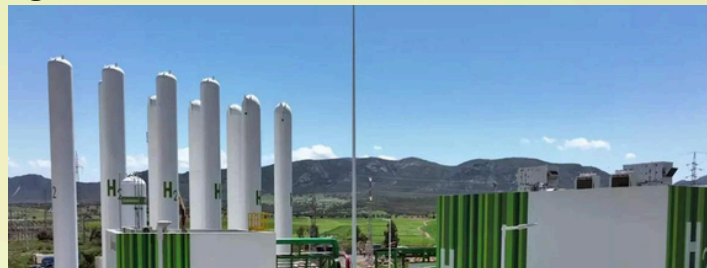
Gujarat Accelerates Green Hydrogen Hub Development



The Government of Gujarat accelerated the development of dedicated Green Hydrogen Hubs at major ports, including Deendayal Port and Mundra Port. The initiative integrates renewable energy generation, green hydrogen production, storage, and export infrastructure to establish Gujarat as India's leading green hydrogen state. The government is collaborating with private developers, port authorities, and public sector companies to attract domestic and international investments. These hubs will support industries such as fertilizers, refineries, steel, shipping, and heavy transport while creating employment opportunities. The project aligns with the National Green Hydrogen Mission and strengthens India's ambition to become a global exporter of green hydrogen and its derivatives by 2030

Ref : <https://industries.gujarat.gov.in/>

ACME Signs Green Ammonia Export Agreement



ACME Group strengthened India's green hydrogen ambitions by advancing agreements for the export of green ammonia to international markets. The company continued the development of its large-scale green hydrogen and green ammonia production facilities powered entirely by renewable energy sources, including solar and wind power. The project aims to supply low-carbon fuel to countries seeking sustainable alternatives to fossil fuels, particularly across Europe and Asia, where demand for clean energy is rapidly increasing. This agreement is expected to enhance India's position as a leading global exporter of green hydrogen derivatives while attracting significant investments in renewable energy projects, electrolyser manufacturing, port infrastructure, and export logistics. It will also create employment opportunities, promote industrial decarbonization, strengthen energy security, and support India's long-term vision of becoming a global clean energy hub under the National Green Hydrogen Mission.

Ref : <https://www.acme.in/>

India Strengthens Green Hydrogen Skill Development Programme

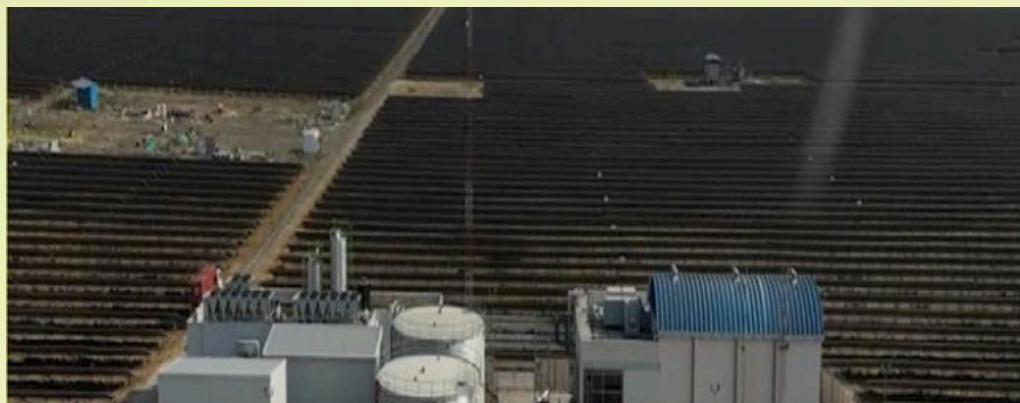


The Ministry of New and Renewable Energy emphasized skill development to support India's rapidly expanding green hydrogen sector. New training initiatives were launched in collaboration with industry partners, research institutions, and technical universities to prepare engineers, technicians, and plant operators in hydrogen production, storage, transportation, and safety management. The programme aims to build a highly skilled workforce capable of supporting upcoming green hydrogen projects across the country. Experts believe that workforce development will help reduce implementation challenges, encourage technological innovation, attract greater investments, and ensure the successful deployment of green hydrogen technologies under the National Green Hydrogen Mission, contributing to India's clean energy and net-zero goals.

Ref : <https://mnre.gov.in/>



Renewable Watch Reports Strong Momentum in India's Green Hydrogen Sector



Industry reports published by Renewable Watch highlighted the rapid progress of India's green hydrogen sector, driven by strong government policies and growing private investments. The National Green Hydrogen Mission continued to attract domestic and international companies to develop projects in hydrogen production, electrolyser manufacturing, renewable energy, storage, and export infrastructure. Several large-scale projects were announced across states such as Gujarat, Odisha, Andhra Pradesh, and Tamil Nadu. The report emphasized that supportive policies, competitive bidding, and increasing investments are strengthening India's position as a future global green hydrogen hub. Continued infrastructure development and technological innovation are expected to reduce production costs, enhance energy security, create employment opportunities, and accelerate India's transition toward a low-carbon economy.

Ref : <https://renewablewatch.in/>

European Researchers Recommend Flexible Green Hydrogen Regulations



European researchers recommended introducing more flexible renewable electricity matching rules to improve the economic viability of green hydrogen projects. Current EU regulations require electrolyzers to use renewable electricity generated during the same hour, which can reduce plant operating time and increase production costs. The researchers suggested that allowing greater flexibility, such as daily or monthly renewable electricity matching during the early stages of market development, would lower costs and encourage investment in green hydrogen infrastructure. They argued that a gradual regulatory approach would accelerate project deployment while still supporting Europe's long-term climate goals. The recommendations aim to balance environmental integrity with the commercial growth of the green hydrogen industry.

Ref : <https://energy.ec.europa.eu/>

Up Coming Events

World Hydrogen Energy Summit & Expo

July 1–2, 2026
New Delhi

GREEN HYDROGEN EXPO – India International Tech Expo

August 14–16, 2026
CIDCO, Navi Mumbai

Global Hydrogen conference & Expo

September 8–10, 2026
Abu Dhabi, UAE

Horizons Clean Energy Expansion India

September 23–25, 2026
Andaz Delhi, Aerocity, New Delhi



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