

*First Information Brochure &
Call for papers*

1st International Conference on Hydrogen Energy – Policies, Infrastructure Development and Challenges

24-25 November 2021

CBIP Conference Hall, New Delhi, India



Organised by



Central Board of Irrigation & Power



ANNOUNCEMENT

The Central Board of Irrigation and Power (CBIP), a premier institution, was constituted in 1927 by the Govt. It is serving the Nation in the disciplines of Water Resources, Power and Renewable Energy Sectors for more than 93 years.

The main objective of CBIP is dissemination of technical knowledge through various modes, such as :

- Organizing National and International Conferences, Symposiums, Seminars and Workshops, training programme etc.
- Publication of technical documents e.g., manuals, technical reports, guidelines and journals etc
- To provide information about technological developments to the engineers/professionals and other stake holders
- Collection, compilation & analysis of technical data at national as well as global level

Inspired by the speech of Hon'ble Prime Minister of India on the occasion of celebration of 75th Independence day, where the need of clean energy was mentioned and national Hydrogen Mission was also launched by the Hon'ble Prime minister,

The Central Board of Irrigation & Power has planned to organizing 1st International Conference on **“Hydrogen Energy - Policies, Infrastructure Development and Challenges”** on 24-25 November 2021 in the Conference Hall, Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi.

AIM & OBJECTIVE OF THE CONFERENCE

Hydrogen is one of the most abundant elements in the universe and could play a significant role in the transition to a clean and low carbon energy system. This is upcoming technology at international level and can be economical for a sustainable future energy.

Wind and solar power generation provide evidence that fully decarbonizing the power sector is possible. For transport, heating and industrial sectors however, the issue remains unresolved. Renewable (Green) Hydrogen (Hydrogen produced by using the electricity generated from Wind and Solar resources) creates the link between renewable power and renewable based transport, heating and industry.

- Hydrogen is found mainly in water and Organic compounds.
- Hydrogen can be produced via water electrolysis, splitting water molecules (H_2O) into hydrogen (H_2) and oxygen (O_2) with the use of power.
- If produced from renewable sources, hydrogen can be renewable and completely CO_2 , free.
- Like electricity, hydrogen can be channeled anywhere it is needed.
- Unlike electricity, hydrogen is suitable for long-term energy storage.
- Renewable hydrogen is a determining factor in fighting climate change, decreasing energy dependency and improving our air quality.

Considering the various advantages of hydrogen fuel over other fuels, an urgent need is being felt to give fillip to hydrogen fuel. To discuss all facets of the hydrogen fuel in India, CBIP has planned to organize 1st International Conference on **“Hydrogen Energy - Policies, Infrastructure Development and Challenges”**

The aim of the conference is to provide a forum for open discussions and exchange of information and to come out with positive / concrete recommendations on the subject.

CALL FOR PAPERS

The key discussions will involve policy, latest technology implementation, material optimization, production and transportation with case studies etc. The original papers on the following indicative topics, but not limited to, are welcomed for the conference:

Topics to be covered but not limited to:

1. Hydrogen Energy - International scenario
2. Hydrogen Energy - Indian Scenario; Current use and future projections
3. Hydrogen Energy – Policies & Road map for adoption
4. Hydrogen Energy - Manufacturing, Technologies
5. Applications of Hydrogen - other than Transportation Sector
6. Issues and Challenges - Commercial Issues; Safety Issues; Storage and Handling Issues; Policy and Regulatory Issues;



7. Public Private Partnership, Standards, Awareness and Human Resource
8. Research & Innovations
9. Case Studies

PRESENTATIONS BY EXPERTS

Eminent National and International experts on the subject are being invited to deliver expert lectures during the Conference. However, experts who desire to make presentations / case studies on the above subject are requested to furnish the write-ups to reach CBIP office latest by 15th October, 2021.

WHO SHOULD ATTEND

The conference will be of special interest to:

- Planners, Independent power producers, Operators, Consultants, Electrical Contractors
- Researchers / Academicians, Manufacturers, Power Utilities / Corporations, State Govt. / SEBs, etc.

DATE AND VENUE

The Conference will be held on 24-25 Nov., 2021 in the Conference Hall (1st floor), Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi – 110021.

The Conference timings will be 10.00 AM to 5.30 PM on both the days. The registration will start at 9.00 AM on 24th Nov., 2021.

REGISTRATION FEE

All those who wish to participate in the conference including authors of papers are expected to register in advance by sending the registration form through email to the organisers along with payment of registration fee as indicated under:

1. Rs. 10,000/- per participant
2. Discounted fee for members of CBIP is Rs. 8,000/- per participant
3. Special Discounted fee for students is Rs. 2,500/- per student

GST @ 18% shall be charged extra GST No. 07AAAJC0237F1ZU

The Registration fee covers the registration kit, tea/coffee/lunch during the conference. The Conference is non-residential. Participants will have to make their own arrangements for travel, boarding and lodging, etc.

All payments be made through DD/ cheque at par in favour of 'Central Board of Irrigation & Power', payable at Delhi or amount deposited/ transferred to HDFC Bank, CBIP A/c no. 00031110004411, MICR No. 110240001, Swift Code : HDFCINBBDEL, IFSC: HDFC 0000003, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi – 110001

SPONSORSHIP OPPORTUNITIES

The Conference provides an effective opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with engineers of utility, manufacturers and academic institutions during tea/coffee and lunch intervals. Sponsors are assured of full visibility with printing of their names on proceedings, Main conference banner and other publicity material related to Conference and will have the privilege of distribution of their product's pamphlets/catalogues during the event. Sponsors will also have the privilege of sending delegates exempted from payment of registration fee as indicated hereunder:

Category of Sponsorship	Fee in Rs.	Free Delegates in the Conference	Free Advertisement in the proceeding
Platinum	5,00,000	10	2 pages
Gold	3,00,000	5	1 page
Silver	2,00,000	2	half page

For further details, please contact the Conference Secretariat.

CONFERENCE SECRETARIAT

Shri A. K. Dinkar, Secretary, CBIP

Shri Sanjeev Singh, Director, CBIP

Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi

Phone : 011-26115984/2687 6229/2688 0557 Fax : 011-2611 6347

Contact Person : Vishan Dutt, Chief Manager, CBIP - M: 9811431554

E-mail : vishandutt@cbip.org Website : www.cbip.org

1st International Conference on Hydrogen Energy – Policies, Infrastructure Development and Challenges

24-25 November 2021

CBIP Conference Hall, New Delhi, India

REGISTRATION FORM

(To be filled in block letters preferably)

1. Name : _____
2. Position : _____
3. Organization : _____
4. Address : _____

5. Phone : _____ Fax No. _____
E-mail : _____

Dated _____

Signature _____

Details/ Amount of Registration fee Paid:

All payments should be made by cheque at par/Demand Draft drawn in favour of "Central Board of Irrigation and Power", payable at New Delhi OR by transfer the amount to HDFC Bank, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi 110001; Saving Bank Account No. : 00031110004411; Swift Code: HDFCINBBDEL; IFSC: HDFC 0000003; MICR Code: 110240001. (GST No. 07AAAJC0237F1ZU).

Registration Form, duly filled in, is to be mailed to the following address:

Shri A.K. Dinkar

Secretary, Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Tel : 91-11-26115984/26116567 Fax: 91-11-26116347

E-mail : vishandutt@cbip.org Web-site: <http://www.cbip.org>

Note:

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.