International Conference on

Policy on Hydrogen Energy – Roadmap for its implementation

5 - 6 March 2020 (Postponed)

Auditorium of Scope Convention Center, SCOPE Complex, Core 8, Lodi Road, New Delhi



Organised by











TEFFA, Japan

Central Board of Irrigation & Power

(under the aegis of CIGRE NSC C6)

ISRN

Knowledge Partners from Japan

AIST, Japan

TeFFA, Japan

Tanaka Engineering Co. Ltd. Japan

Clarendon Institute Co. Ltd. Japan

University of Yamanashi, Japan

Yamanashi Prefecture, Japan

ANNOUNCEMENT

Central Board of Irrigation & Power jointly with Bergen Institute on Research for Development of Skills (BIRDS), TEFFA, Japan and ISRN is organizing International Conference on Policy on Hydrogen Energy – Roadmap for its implementation on 5-6 March 2020 at Auditorium of Scope Convention Center, SCOPE Complex, Core 8, Lodi Road, New Delhi 110003

AIM & OBJECTIVE OF THE CONFERENCE

Central Board of Irrigation & Power (CBIP), as one of its principal activities has been disseminating the technical knowledge and information on new technologies for the last more than 93 years by way of organization of Conferences/Seminars/Tutorials and Brain Storming Sessions on the topics relating to present day challenges.

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 Hydrogen creates the link between renewable power and renewable transport, heating and industry.

- · Hydrogen is found mainly in water and Organic compounds.
- Hydrogen can be produced via water electrolysis, splitting water molecules (H₂O) into hydrogen (H₂) and oxygen (O₂) with the use of power.
- If produced from renewable sources, hydrogen can be renewable and completely CO₂, 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 decided to organize an International Conference on 'Policy on Hydrogen Energy – Roadmap for its implementation'.

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

The key discussions will involve policy, latest technology implementation, material optimization, production and transportation with case studies etc.

TOPICS TO BE COVERED

- 1. Present Status and Future Development of Hydrogen Energy in Japan *Dr. Kinya Sakanishi, Deputy Director-General, AIST, Japan*
- 2. Hydrogen Energy Technologies of Japan, Promoted by the Government's Strategy *Dr. Toshihiro Hirai, Executive Director, TeFFA, Japan*
- 3. Hydrogen and Fuel Cell in the Railway application in Japan *Mr. Shingo Tanaka, President, Tanaka Engineering Co. Ltd.*
- 4. Japan-India Technology Cooperation for Building a Hydrogen Society *Mr. Kyoji Kunitomo, President, Clarendon Institute Co. Ltd., Japan*
- 5. Study of Electrode Catalyst for Quadrupling Fuel Cell Life / Towards the Vision of the Hydrogen and Fuel Cell Valley *University of Yamanashi / Yamanashi Prefecture*, *Japan*
- 6. SOFC Technology & Manufacturing Mr Roderik Hoppenner, President, Haikutech Nertherland.

PRESENTATIONS BY EXPERTS

Eminent experts from Japan, Germany, Nertherland, France and India etc., on the subject have been invited to deliver expert lectures during the Conference. However, Experts who desires to make presentations/case studies on the above subject are requested to furnish the write-ups to reach CBIP office latest by 15th Feb. 2020.

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 5-6 March 2020 at Auditorium of Scope Convention Center, SCOPE Complex, Core 8, Lodi Road, New Delhi 110003. The Conference timings will be 10.00 AM to 5.30 PM. The registration will start at 9.00 AM on 5th March 2020.

REGISTRATION FEE

- 1. Rs. 6,000/- per participant
- 2. Discounted fee for members of CBIP and CIGRE is Rs. 5,000/- 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 arrangement 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 CBIP A/c no. 00031110004411, MICR No. 110240001, HDFC Bank, Swift Code: HDFCINBBDEL, IFSC: HDFC 0000003, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi – 110001

SPONSORSHIP OPPORTUNITY

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, banners and other publicity material related to Conference and will have the privilege of distribution of their product's pamphlets/catalogues during the Conference. Sponsors will also have the privilege of sending delegates exempted from payment of registration fee as indicated hereunder:

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Conference Secretariat

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NATIONAL SPEAKERS



Dr. Vinay SahasrabuddhePatron, ISRN
Hon'ble Member of Parliament Rajya Sabha **New Delhi, India**



Mr. Om Prakash Saklecha Chairperson, ISRN, New Delhi, India



Mr. Rajinder Kumar Kaura Chairman and Managing Director Bergen Institute on Research for Development of Skills (BIRDS), Gurugram, India



Dr. Amitabh VermaPresident
Operations and Technology
Aditya Birla Renewables Limited
Mumbai.

SPEAKERS FROM JAPAN



Dr. Kinya SakanishiDeputy Director-General, AIST, **Japan**



Dr. Toshihiro Hirai *Executive Director, TeFFA, Japan*



Mr. Shingo TanakaPresident, Tanaka Engineering Co. Ltd. **Japan**



Mr. Kyoji KunitomoPresident, Clarendon Institute Co. Ltd. **Japan**

SPEAKER FROM FRANCE



Mr. Vincent Lemaire *France*

SPEAKER FROM NETHERLAND



Mr. Roderik Hoppenner President, Haikutech Netherland

SPEAKER FROM FLORIDA



Dr. Surendra Saxena *Florida*

