Working Together Indian Hydrogen Technology Business Mission Czech Republic, 18 – 21 March 2024

Co-organized by









Proposed Indian Participating Organization/ Companies

S.no	Organization/ Company
TATELS	
1	Bharat Heavy Electricals Limited (BHEL)
2	DCM Shriram Industries Ltd
3	Eastern Electrolyser Limited
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4	Hindustan Petroleum Corporation Limited (HPCL)
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7	Lohia Group
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8	NCEC - Nepal Construction & Engineering Co Ltd
9	Skoda Group
10	Society of Indian Automobile Manufacturers (SIAM)
11	Technip Engineering and Consultancy Services
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12	HORIBA India Pvt. Ltd.



Bharat Heavy Electricals Limited (BHEL)

Represented by: Mr. Sreenivasu Golla

Senior Manager

Website: www.bhel.com

Bharat Heavy Electricals Ltd (BHEL) is one of India's largest engineering and manufacturing companies in the energy and infrastructure sectors. The company is now making a foray into the green hydrogen space by identifying potential opportunities in electrolyzer manufacturing and the green hydrogen value chain. BHEL is looking for Original Equipment Manufacturers (OEMs) to select a suitable partner for a long-term License & Technology Transfer Agreement (LTTA) for Electrolyser System for Hydrogen Production.



DCM Shriram Industries Ltd

Represented by: Dr. Demudu Babu Gorle, Scientist

Website: https://dcmsr.com

DCM Shriram Ltd. is a business conglomerate. DCM Shriram group is embarking upon Hydrogen related activities, which will include manufacturing of electrolyzers, production of Hydrogen from various sources, storage, and utilization in cooking stoves and fuel cells for transport. The group has a research institute in Gurgaon where they are carrying out R&D in these areas, including development of cost-effective materials used in electrolyzers, storage systems, and fuel cells. The group is also looking for global technology partners in these areas. The research institute has also carried out feasibility studies on hydrogen technology for rural cooking applications. The future activities include Assembling and testing of PEM fuel cells & Hydrogen compatibility testing and certification for components / equipment.

3.



Eastern Electrolyser Limited

Represented by: Mr. Gaurav Tewari, Executive Director

Website: www.eeltdh2.com

Eastern Electrolyser Ltd. is a turnkey manufacturer of water electrolysis based Hydrogen Generators and complete Hydrogen Generation Plants. Company focus on designing, building and implementing Electrolysers as well as Electrolyser based solutions for Hydrogen projects spanning a variety of industries, locations and requirements.



4. Hindustan Petroleum Corporation Limited (HPCL)

Represented by: Mr. Sriram Sundararaman

Head - R&D Technology Development

Website: www.hindustanpetroleum.com

Hindustan Petroleum Corporation Limited (HPCL) has achieved a significant milestone by successfully completing the indigenization of Hydrogen Pressure Swing Adsorption (H2 PSA) Technology. This includes all major technical elements such as the adsorbent system, PLC system and program, and plant design. To reduce its carbon footprint, the company targets to increase its renewable energy generation portfolio to 2.4 GW in 2027-28 from 184 MW as of 2022-23. Further, it targets 16,870 tpa green hydrogen production capacity by 2027-28, from 3.5 tpa in 2022-23.

5.

Hydrogen Association of India (HAI)

Represented by: Dr. R K Malhotra, President

Website: www.hai.org.in

Hydrogen Association of India (HAI) is a premier registered society and an excellent platform for the networking opportunities for one & all who want to contribute for the cause of Hydrogen Economy for a new world order. HAI endowed with a common platform for sharing experiences regarding the latest technological trends in generation, usage and safety issues related to application of hydrogen as automotive fuel & other purposes.

6. इंडियनऑयल

IndianOil

Indian Oil Corporation Ltd

Represented by: Mr. Alok Sharma

Director (Research and Development)

Website: https://iocl.com/

Indian Oil Corporation (IOC), India's largest fuel retailer, plans to green 50 per cent of its refinery hydrogen by 2030. IndianOil is putting its might behind hydrogen fuel cell vehicles as its raw materials can be sourced locally, in line with the recent government call for self-reliance, and as an alternative to lithium-ion battery-powered vehicles that could raise country's dependence on import. IndianOil has resolved to achieve net-zero operational emissions by the year 2046.



Lohia Group

Represented by: Mr. Ayush Lohia

Website: www.lohiaauto.com

Lohia Global is a part of diversified conglomate, which is into automotive sector in electric vehicle business. Lohia Auto focuses on manufacturing of electric vehicles. The company specializes in electric scooters and e-rickshaws. Lohia Company has decided to help decarbonisation of this sector and play a leading role in that. The group is foray into the burgeoning sector of hydrogen and its derivatives, underlining the company's commitment to diversify its portfolio and explore innovative energy solutions.

Nepal Construction & Engineering Co Ltd (NCEC) Represented by: Mr. Stable 11.75

Managing Director & CEO

Website: https://ncec.com.np

NCEC Group is a family-owned group of mid-sized companies that specialize in representing international companies in Nepal and have a portfolio of investments. Company is working in Engineers, Engineering, Industrial Equipment business activities.

9.

Skoda Group

Represented by: Mr. Rajan Chibbar, Adviser (Energy)

Website: www.skodagroup.com

Škoda Transportation group of companies is one of the world's largest manufacturers of trams and propulsion units for trolleybuses as well as a significant regional producer of locomotives and electric trains. The company currently produces a full portfolio of modern transport vehicles that meet the latest standards and safety norms.

10. Society of Indian Automobile Manufacturers

Society of Indian Automobile Manufacturers (SIAM)

Represented by: Mr. Prashant K Banerjee **Executive Director**

Website: www.siam.in

The Society of Indian Automobile Manufacturers (SIAM) is an apex national body representing all major vehicle and vehicular engine manufacturers in India. It is a society with charitable objectives registered under the Societies Registration Act, 1860. Its objectives include enhancing the contribution of automobile industry to the growth and development of Indian economy, assisting the automobile industry to meet its social obligations and encouraging the efficiency of industry in general and automobile industry in India.

11.

Technip Engineering and Consultancy Services

Represented by: Mr. Hemant Mandal, Joint Managing Director

Website: www.technipimpex.in

TECS is a part of the Technip Group, which along with its affiliated entities have been engaged in the Indian market for more than a hundred years while supporting their global partners. TECS has expertise in the infrastructure — both energy and transport, and global trade sectors. In addition, TECS is now looking to expand its footprint in the Green Hydrogen sector (both manufacturing and transportation/ logistics) in India and across Asia and is keen to partner with global counterparts in this endeavor. In parallel, the group is also exploring setting up an equity fund to invest in climate and leverage its networks to grow the sector as a whole.

12. HORIBA

HORIBA India Pvt. Ltd.

Represented by: Mr. Abhishek Agarwal

Dy Head – Automotive

Website: www.lohiaauto.com

HORIBA India, a subsidiary of The HORIBA Group, is a world leader in analytical testing and research equipment, operating across the globe. HORIBA Contributes to a Sustainable Hydrogen Energy Society with Analysis Technology from Research & Development to On-Site Measurement. Company supports in development and production of fuel cells (FC) with a wide range of technologies from material evaluation to production process and performance evaluation of cells and stacks.