

CII International Business Conclave on Green Hydrogen



Dr. Suresh Kumar Chaudhari, Director General, FAI, New Delhi participated in the Thematic Session on **Transforming to Green Hydrogen in Traditional Sectors** in the **CII International Business Conclave on Green Hydrogen** held on 19 June 2025, New Delhi. Dr. Chaudhari made a presentation on **Prospects of Green Ammonia in Fertiliser Industry**. He highlighted the challenges in use of Green Ammonia in the urea and complex (NP/NPK) fertiliser sectors. There are technical and economic challenges in use of green ammonia in urea sector. High cost of green ammonia compared to grey ammonia is the major hurdle in adoption in complex (NP/NPK) fertilisers. Fertiliser is a commodity linked to agriculture use. Therefore, any increase in prices of input will translate to increase in the cost of fertilisers and impact farming and farmers. While the viability gap is needed for easy adoption of green ammonia, but the same should not be routed through fertiliser industry. Already, 14 NP/NPK complex fertiliser plants would offtake 0.739 million MT of green ammonia. The contract term will be for 10 years. Industry is positive and this experience will help government to finetune the future policies.

Mr. Sanjeev Kaul, Executive Vice President, Green Molecule Business, Jakson Green, moderated the panel. Mr. Sanjeev Sharma, Director (Solar), Solar Energy Corporation of India; Mr. Rakesh Kumar Singh, Executive Director, (O&M-Central Region), GAIL India; Mr. Manish Bhoslay, Director-Business Development, Sales and Service, Thyssenkrupp Nucrea; and Mr. Jitender Singh, Vice President, New Initiatives/Ammonia, Avaada were the co-panelists in the Session.
