

## L&T Press Release

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# L&T to Collaborate with IIT Bombay for Green Hydrogen Technology Development

**Mumbai, April 26, 2022:** Larsen & Toubro (L&T), an Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services, signed an agreement with the Indian Institute of Technology Bombay, the nation's premier technology and research institution to jointly pursue research and development work in the Green Hydrogen value chain.

Both the institutions have joined hands to contribute towards development of the Green Hydrogen industry in India and to develop next-generation technology in this emerging field.

L&T's engineering expertise, product scale-up and commercialization know-how and IIT Bombay's cutting-edge research in hydrogen technologies will help this partnership accomplish its goal.

Commenting on the occasion, **Mr. S N Subrahmanyam, CEO & MD, L&T** said, "L&T has always been in the forefront to drive technological advancements and indigenisation in India across sectors. We are positioning to drive Green Hydrogen economy in India together with our partners."

"Our partners and clients are also looking forward to leveraging our capability to reduce costs and industrialise Green Hydrogen. This collaboration with IIT Bombay and its world-class technologists will support the cause of developing indigenous globally competitive technologies and nudge India towards *AatmaNirbhar* in Green Hydrogen technology."

Speaking on the collaboration, **Prof. Subhasis Chaudhuri, Director, IIT Bombay** said, "Given the urgency of the climate crisis and India's own ambitious target of becoming net zero by 2070, transition from fossil fuel to Green Hydrogen will play a key role in this goal. India's National Hydrogen Mission is a step in the right direction, and I am confident that our partnership with L&T will result in scalable and cost-effective solutions. IIT Bombay's endeavour is to contribute significantly to challenges of national importance, and our association with L&T to develop technologies for Green Hydrogen that can make India self-reliant in this space, is one such example."

Technology plays a central role in the growth of an emerging industry like Green Hydrogen. Research and Development in areas to improve energy efficiency, reliability and reducing equipment cost is crucial to improve affordability and hence, scaled adoption of Green Hydrogen in India is the need

of the hour. Recognising this, L&T as an industrial partner is collaborating with IIT Bombay to support development of Indian R&D ecosystem and technology leadership for the sector.

The Central Government in February 2022 notified the Green Hydrogen policy aimed at boosting production of Green Hydrogen and Green Ammonia to help the nation become a global hub for the environmentally friendly version of the molecule. For countries like India, with its ever-increasing oil and gas import bill, Green Hydrogen will help provide crucial energy security by reducing the overall dependence on imported fossil fuels.

### **About Larsen & Toubro**

Larsen & Toubro is an Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services. It operates in over 50 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for eight decades.

### **About IIT Bombay**

Indian Institute of Technology Bombay, set up in 1958 as the second IIT, is recognized worldwide as a leader in the field of engineering education and research. The Institute was granted the status of 'Institution of Eminence' by the Ministry of Education (the then Ministry of Human Resources Development) on July 9, 2018. IIT Bombay is reputed for the outstanding quality of its faculty and the high caliber of students graduating from its undergraduate and postgraduate programmes. The Institute has 15 academic departments, 36 (Centres/ Programmes/ Academic facilities), three schools and four Interdisciplinary programmes. Over the last six decades, more than 62,500 engineers and scientists have graduated from the Institute. It is served by more than 680 faculty members considered not only amongst the best within the country but also highly recognized globally for their achievements in the field of education and research.

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