

L&T Press Release

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L&T Inks MoU with TuTr Hyperloop for Next-Generation Mobility Infrastructure

Mumbai, October 14, 2026: Larsen & Toubro (L&T) has signed a Memorandum of Understanding (MoU) with TuTr Hyperloop Private Ltd, an IIT Madras-incubated deep-tech mobility start-up, to explore opportunities in the development and deployment of next-generation mobility technologies and infrastructure in India.

The MoU establishes a framework for jointly exploring and pursuing opportunities in the emerging mobility ecosystem, with project-specific engagements to be undertaken through separate agreements.

The collaboration combines L&T's engineering, procurement and construction expertise with TuTr Hyperloop's capabilities in indigenous electromagnetic propulsion and advanced mobility systems. The two organisations will assess opportunities across a range of infrastructure and technology domains, including Linear Induction Motor-based propulsion systems, vacuum tube infrastructure, pressure management systems, civil and structural works, electrical infrastructure, signalling, telecommunications and systems integration.

The partnership envisages a complementary division of responsibilities spanning technology development, engineering, procurement, manufacturing, construction, installation and testing, as required for individual projects. The organisations will also engage with prospective customers to evaluate technical feasibility, commercial viability and implementation requirements.

By bringing together indigenous deep-tech innovation and large-scale infrastructure execution capabilities, the collaboration seeks to support the development of future-ready transportation systems in India. It will also explore opportunities across freight and logistics, port connectivity, industrial transportation and other emerging mobility applications.

For TuTr Hyperloop, the collaboration aligns with its broader vision of developing modular, indigenous mobility technologies, beginning with Linear Induction Motor-based systems and progressively advancing towards magnetic levitation and vacuum-based transportation applications.

Commenting on the collaboration, **Mr S V Desai, Whole-Time Director, Senior Executive Vice President - Infrastructure, L&T**, said: "Hyperloop represents an exciting frontier in next-generation mobility, with the potential to redefine the movement of people and goods. Its innovative propulsion technology and low-friction environment enable faster transit, improved logistics efficiency, reduced energy consumption and lower emissions. Translating such technological innovation into practical deployment requires robust engineering, scalable infrastructure and close collaboration across the ecosystem. Our partnership with TuTr Hyperloop is a step in that direction".

Prof. Satya Chakravarthy, Professor, IIT Madras, said: "The transition of advanced mobility technologies from research and development to real-world deployment requires strong collaboration

between academia, technology developers and industry. This partnership between TuTr Hyperloop and L&T brings together complementary strengths that can help address the engineering and infrastructure challenges involved in scaling next-generation transportation systems. It is an encouraging step towards translating indigenous innovation into practical, deployable solutions for India”.

Dr Aravind S Bharadwaj, Co-Founder and CEO, TuTr Hyperloop, said: “At TuTr Hyperloop, our focus is on developing indigenous mobility technologies that can address real-world transportation and logistics challenges. Our collaboration with L&T brings together our capabilities in electromagnetic propulsion, advanced mobility systems and technology development with L&T’s extensive engineering and infrastructure execution expertise. Together, we aim to work on commercialisation these technologies”.

Through this collaboration, the two organisations will identify suitable opportunities, engage with prospective customers and develop project-specific solutions that combine technology innovation with engineering excellence and infrastructure execution capabilities.

About Larsen & Toubro:

Larsen & Toubro is a USD 32 billion Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing, Products and Services, operating across diverse domains and multiple geographies. With a strong impetus towards AI & technology, customer-focussed 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 TuTr Hyperloop:

TuTr Hyperloop Private Limited is an IIT Madras-incubated deep-tech mobility startup focussed on the indigenous development of next-generation electromagnetic transportation technologies. Its technology portfolio includes Linear Induction Motor (LIM) propulsion, magnetic levitation (Maglev) and vacuum-based transportation systems. The company is developing modular mobility solutions for applications across ports, freight and logistics, industrial transportation and urban mobility, with a focus on translating advanced research into deployable technologies.

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