



*L&T Energy GreenTech*

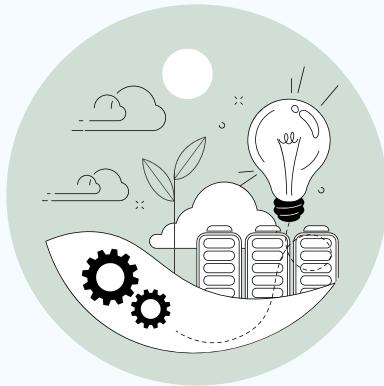


# TIME TO GO GREEN

Powering the Energy Transition

## About us

Larsen & Toubro (L&T) is a USD 30 billion Indian conglomerate engaged in EPC Projects, Hi-Tech Manufacturing and Services. It operates in over 50 countries across the globe.



# Powering a Sustainable Future

For over 80 years, L&T has consistently reinvented itself to address the needs of the nation and society by creating new growth engines when required. Over the years, the Company has transformed itself from a manufacturing and engineering company into an EPC juggernaut and lately into a technology and services giant. The next growth engine for the Company is Green Energy.

L&T has been a leader for decades in the energy industry, offering critical equipment manufacturing and EPC services for the entire energy spectrum including Oil and Gas, Thermal, Renewables and Nuclear Power.

The Company, leveraging its expertise in the energy sector has positioned itself to emerge as a Green Energy major. The Company's Green Energy vision is centered on three business pillars across the entire Green Energy value chain.

L&T Energy Green Tech is a subsidiary of Larsen and Toubro that focuses on advancing sustainable technologies and solutions.



### Green Development

Green Ammonia, Green Hydrogen and Derivatives

### Green EPC

Green Ammonia, Green Hydrogen and Derivatives

### Green Manufacturing

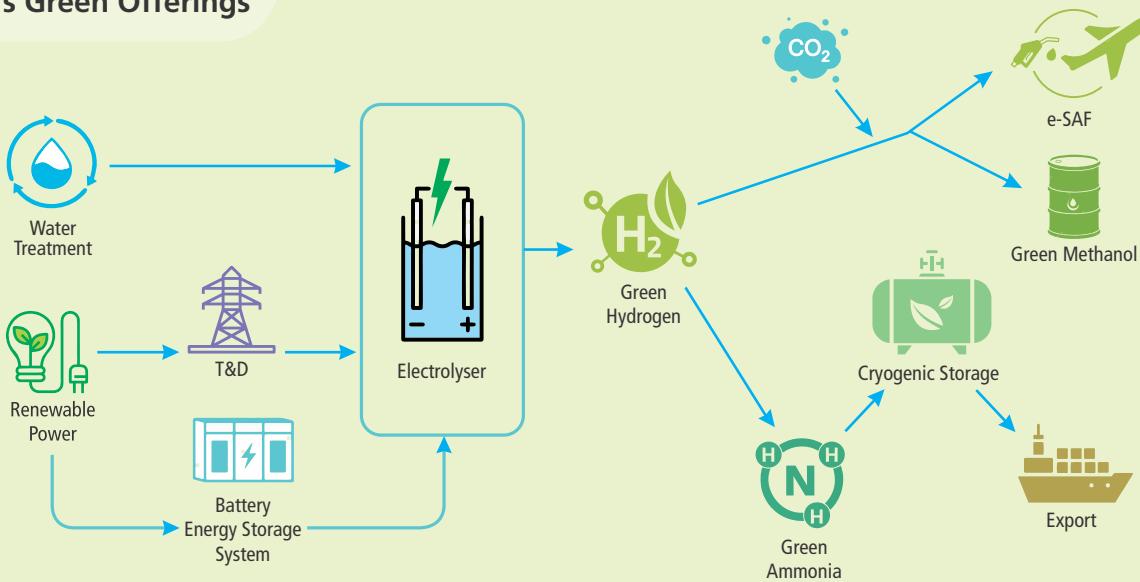
Electrolysers and Advanced Chemistry Cells



## Green Development

The Company has rich experience and expertise in executing large Hydrogen and Ammonia Projects for refineries and fertilizer complexes. Capitalizing on our capabilities and through strategic partnerships, the Company is well-positioned to become an Integrated Developer of Green Hydrogen and Ammonia for both domestic and export markets. In-house EPC strength capabilities will form the backbone for project execution.

## L&T's Green Offerings



## Green EPC

L&T has over four decades of experience in building large scale hydrogen, ammonia, methanol, and other derivatives plants. The Company also has extensive expertise in end-use industries such as refineries, fertilizer complexes, steel, and power complexes. The two put together, uniquely enable the Company to offer integrated EPC and modular fabrication services to the emerging Green Hydrogen and Ammonia segments.

The Company has a strong global presence through its modular fabrication facilities and project execution strengths in the Middle East.



Green Hydrogen Plant at L&T's A. M. Naik Heavy Engineering Complex in Hazira, Gujarat



**L&T Electrolysers**



## Green Manufacturing

L&T, an India's Technology-led engineering and construction company, is deeply committed to sustainability. We have taken a significant stride towards co-creating a value chain in Green Hydrogen, aligning with India's "Make in India to Made in India" journey. Our focus is on manufacturing the advanced Pressurized Alkaline technology-based Electrolyser, inspired by the proven success of McPhy technology in mature global markets, where it has been utilized in numerous multi-MW projects for Green Hydrogen production across various use cases and applications. The Made in India Electrolyser is a highly reliable and efficient solution for generating green hydrogen, making it an ideal choice for a diverse range of industries and a promising investment opportunity for businesses of all scales

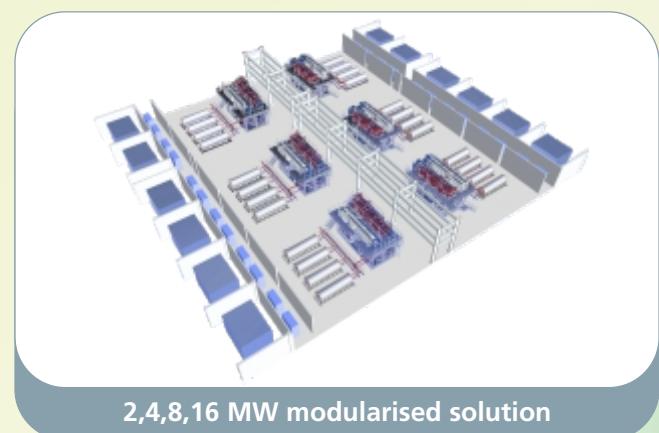
L&T Electrolysers is a one of subsidiaries of Larsen & Toubro Limited. L&T Electrolysers is targeting to set up a state-of-art giga scale manufacturing facility for manufacturing of electrolyzers in A. M. Naik Heavy Engineering complex at Hazira. These electrolyzers shall be based on alkaline electrolyser technology. The Company may explore to manufacture electrolyzers based on other technologies in future.



Manufacturing Facility at Hazira, Gujarat

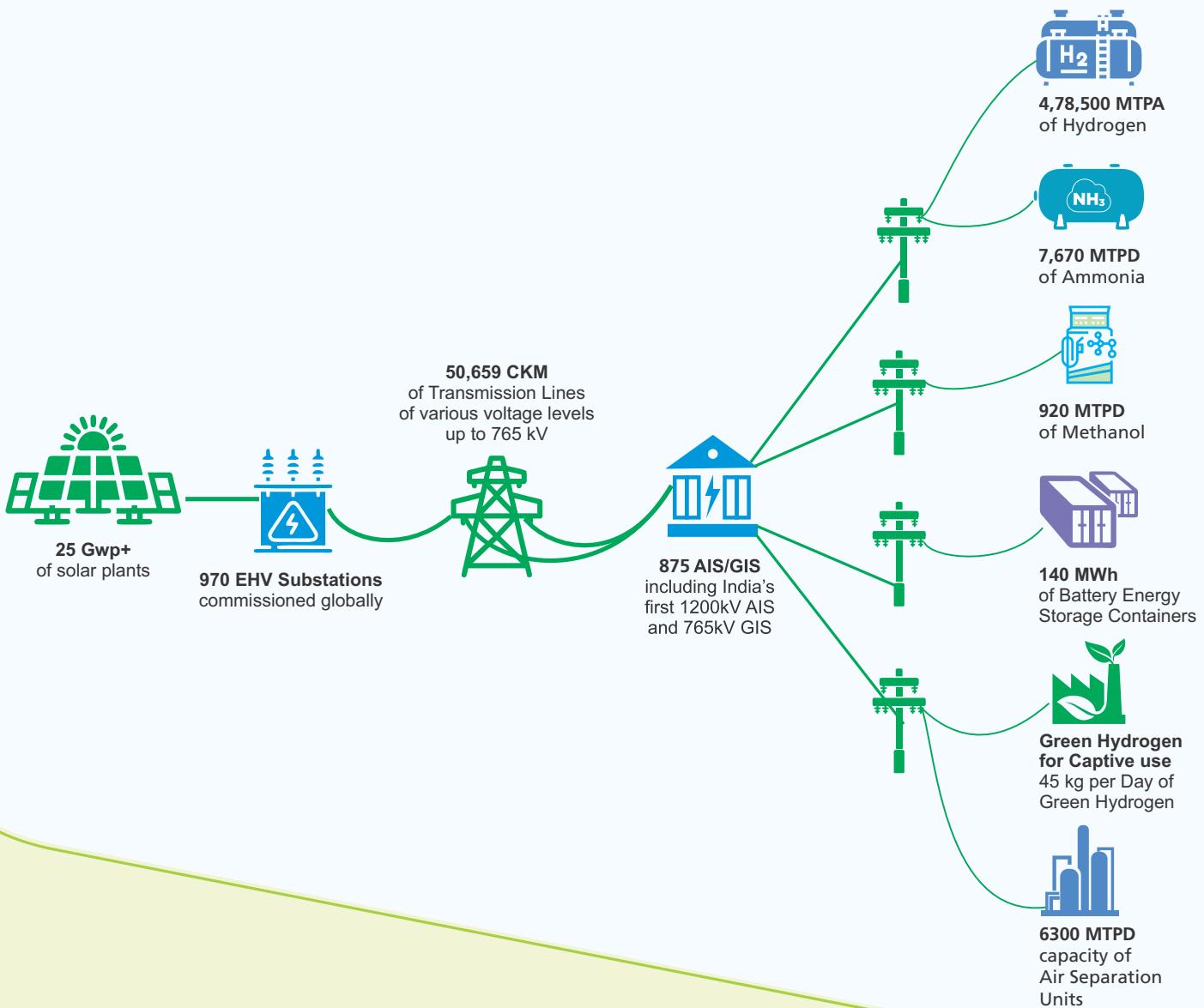


Multi MW Cluster



2,4,8,16 MW modularised solution

## L&T's Track Record



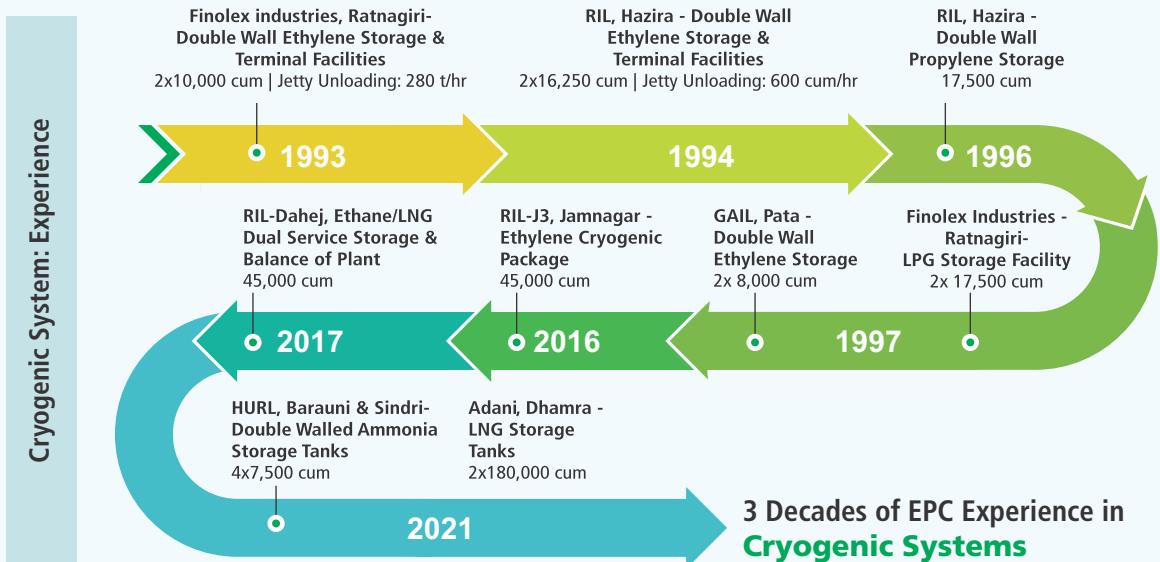
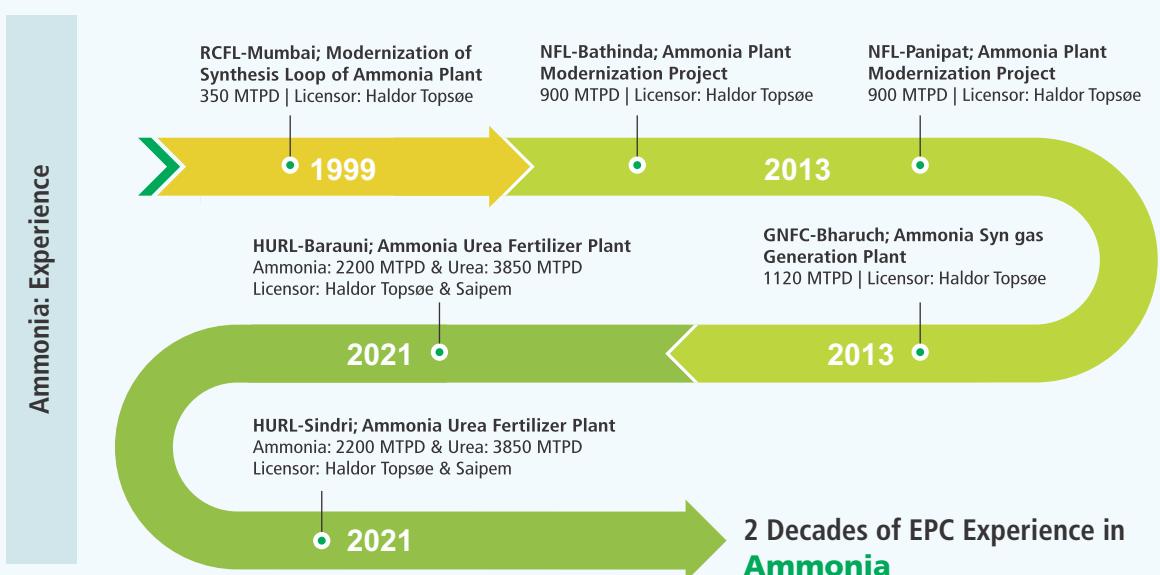
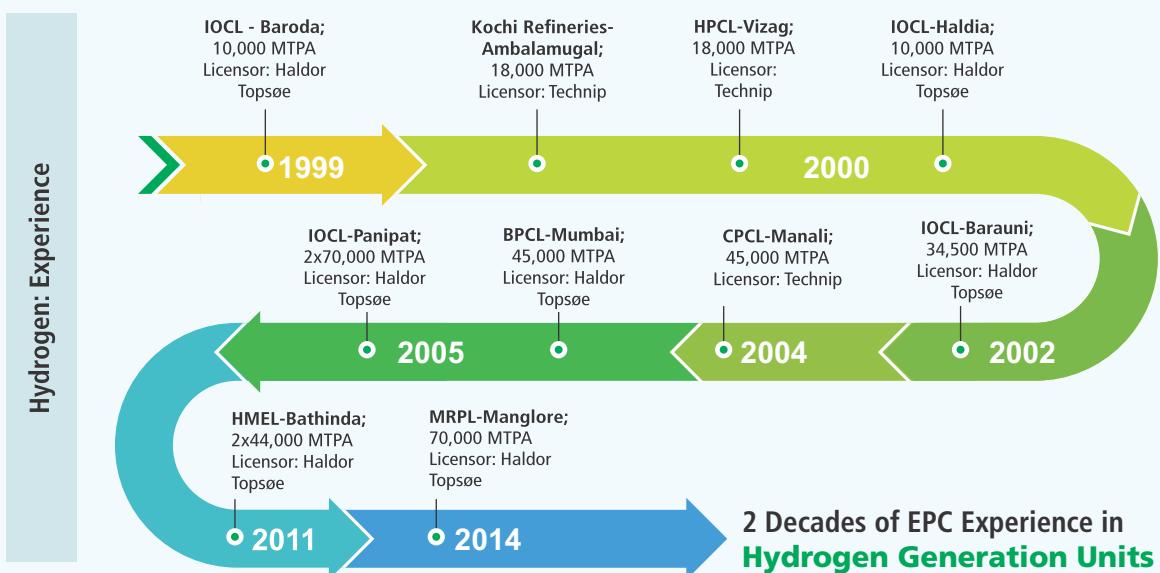
## Global Association & Affiliations

- Steering member of the Global Hydrogen Council
- Founding member of the Climate Finance Leadership Initiative (CFLI)
- Formation of L&T Green Energy Council (GEC) – a think-tank of eminent thought leaders guiding L&T's green energy forays
- Chair member of the CII Task Force for Green Hydrogen

**Hydrogen Council**



## Project references across decades...





HMEL, Bhatinda, Punjab - Hydrogen Generation



HURL Barauni, Bihar - Ammonia Plant



230 MW Solar PV Plant in Tamil Nadu for NTPC



Chemanol, KSA – Methanol Plant



132 kV GIS for Salalah Power Plant, Oman



800 kV HVDC Nidhura- Agra transmission line



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