

## Company Profile

Larsen & Toubro is a US\$14.3 billion technology, engineering, construction and manufacturing and financial services conglomerate. It addresses critical needs in key sectors including infrastructure, construction, hydrocarbon, power, defence and aerospace. Its footprint extends across seven countries in addition to India.

A strong, customer-focused approach, conformance to global HSE standards and the constant quest for top-class quality have enabled the Company to sustain leadership in its major lines of business for over 75 years.

L&T was rated 58<sup>th</sup> Most Innovative Company by *Forbes International*, and 4<sup>th</sup> in the global list of 'green companies' in the industrial sector by *Newsweek*. It was voted among the most admired companies in the country by *Fortune India*, and rated 8<sup>th</sup> Most Powerful Brand in India by Brand Finance. It won The Economic Times Corporate Citizen of the Year Award - 2013, instituted by one of the world's most widely sold business newspapers - *The Economic Times*. A survey by a leading HR consultancy affirmed its reputation as a people-focused company, leading to the award for the 'Most Attractive Employer' in the industrial sector.

### History

The evolution of L&T into a major engineering and construction organisation is among the more remarkable success stories in Indian industry. It was founded in Mumbai (then Bombay) in 1938 by two Danish engineers, Henning Holck-Larsen and Soren Kristian Toubro. Beginning with the import of machinery from Europe, L&T took on engineering and construction assignments of increasing sophistication. Today, the company sets engineering benchmarks in terms of scale and complexity.

### Corporate Sustainability

L&T was the first company in India in the engineering & construction space to publicly disclose its sustainability performance. The Company's annual Sustainability Reports highlight achievements and objectives across the traditional three 'Ps' of Planet, People and Profits. All our Reports are rated A+ by Global Reporting Initiatives, indicating the highest level of disclosure. The recognition that the Company has secured from forums

around the world affirm public perception of L&T as an organization that contributes significantly to the wellbeing of people.

### **Record of Achievements**

- Technological support in the launch and tracking systems for Mangalyaan – India's Mars Mission, and the only mission to successfully enter Martian orbit in its maiden attempt. Earlier L&T had also contributed to India's lunar mission.
- Metro projects being executed in Riyadh and Qatar as part of international consortiums.
- Engaged in building major new airports in Delhi, Mumbai, Bangalore, Hyderabad and internationally, in Sharjah, Oman.
- Mass Rapid Transit Systems including India's first monorail in Mumbai, and critical sections of metro systems in New Delhi, Hyderabad, Bangalore, Chennai, Kolkata, Kochi, Lucknow.
- Building major infrastructure projects including ports, specialised bridges and highway projects.
- Building of INS Arihant – India's first nuclear powered submarine.
- The world's largest coal gasifier made in India and exported to China.
- The world's biggest EO reactor for a petrochemical complex in the Gulf
- The world's largest FCC regenerator for a refinery.
- Design & manufacture of a wide range of switchgear products and systems exported to over 30 countries.

### **L&T Hydrocarbon Engineering**

L&T Hydrocarbon Engineering delivers 'design to build' engineering and construction solutions on a turnkey basis in the oil & gas, petroleum refining, chemicals & petrochemicals and fertilizer sectors. In-house expertise, experience, and strategic partnerships enable it to deliver a single point solution for all projects – from front-end design through engineering, fabrication, project management, construction and installation and commissioning. Modular fabrication facilities at Hazira (India, west coast), Kattupalli (India, east coast) and Sohar (Oman) give L&T all-weather delivery capability.

The Company's operations are characterized by an overriding emphasis on safety, on-time delivery, cost competitiveness, high quality standards with focus on best in class IT security practices. Integrated strengths coupled with an experienced and highly skilled work force, are key enablers in delivering critical and complex projects.

### **Transportation Infrastructure**

L&T is engaged in the turnkey construction of major infrastructure projects - expressways, bridges, runways and railway projects. The Company has been a leading player in rail infrastructure development for more than three decades, and has brought in new technologies and mechanised construction. L&T is the only private organisation in India qualified to undertake integrated rail construction projects of the Indian Railways.

### **Heavy Civil Infrastructure**

The Company undertakes heavy civil construction - underground metro rail corridors, docks, container terminals, wharves and berths, jetties, breakwater and shore protection, and caissons. It has the expertise to design special launching and erection techniques, including special systems formwork for concrete deck on top of steel and concrete structures.

Comprehensive engineering, procurement and construction services are offered for hydropower projects. L&T has also played a critical role in the development of technology for India's nuclear power sector.

### **Building & Factories**

L&T occupies leadership position in the construction of major airports, IT parks, turnkey hospitals and residential buildings. Building & Factories Business undertakes projects on a 'concept to commissioning' basis. Its technological capabilities encompass tall towers and eco-friendly 'green' buildings. Its track record includes landmark structures such as the Baha'i temple in New Delhi.

### **Power Transmission & Distribution**

The focus is on sub-stations, industrial electrification, transmission line projects and railway construction on the domestic front, and power transmission and distribution projects. L&T has an extensive track record in the Middle East, and is recognised as a major player in the region.

### **Water Projects & Solar Energy**

L&T's Water & Solar business caters to the entire value chain of water and solar EPC. The water and effluent treatment business covers water intake, transmission, treatment and

distribution including industrial waste water treatment & disposal and ordinary waste water treatment & reuse segments. The water technology business uses advanced water treatment technologies for complex treatment projects – largely in the Middle East. L&T's Solar EPC business comprises solar photovoltaic (PV), concentrated solar power (CSP).

### **Metallurgical & Material Handling**

This Company undertakes turnkey construction contracts for projects in minerals & metals sector, and bulk material handling projects. It is a leader in all its areas of operations. It has a structural steel fabrication unit at Kanchipuram to meet the customised needs of its wide client base.

### **Power**

L&T offers turnkey solutions for the power sector with a wide capability spectrum covering supercritical coal and gas based projects. The supercritical technology that L&T propagates is 'greener' than conventional techniques and represents a major advantage for industry. L&T's integrated capabilities and in-house expertise encompass virtually every aspect of design, engineering, manufacture, construction and project management. The Company's integrated manufacturing facility at Hazira near Surat is among the most advanced in the world for manufacturing state-of-the-art equipment for power plants - boilers, steam turbines, pulverizers, pressure piping, coaxial fans, air-pre-heaters and electrostatic precipitators. The complex also includes a modern casting and foundry shop.

### **Heavy Engineering**

L&T is acknowledged as one of the top five manufacturing companies in the world in the heavy engineering space. Operating at the higher end of the technological spectrum, L&T's offerings straddle the segments of process plants and the strategic sectors of defence, nuclear and aerospace. New processes, products and materials have been introduced in manufacturing. The Company also has the logistics capabilities of fabricating and supplying over-dimensional equipment to tight delivery schedules. Globally-benchmarked workshops are located at Powai in Mumbai, Hazira and Baroda in Gujarat, Talegaon in Maharashtra, and Sohar in Oman.

### **Shipbuilding**

Two modern shipyards - one on the west coast of India at Hazira, and the other on the east coast at Kattupalli near Chennai establish L&T as a major shipbuilder. A state-of-

the-art Marine Design Centre is located at Chennai. L&T Shipbuilding focuses on four major business segments: Building warships, submarines and auxiliary vessels; Building specialized commercial ships; Repairs and re-fits of submarines as well as naval and commercial ships; Ship conversions. The Hazira Shipyard has the capability to build sophisticated mid-sized ships up to 20,000 t deadweight capacity, of 10 metres in length. The mega shipyard at Kattupalli also includes a container port and an offshore modular fabrication yard. It has a waterfront of 2.2 km, depth of 10m at berths and channel depths of 16 m.

### **Electrical & Automation**

L&T is a major international manufacturer of a wide range of electrical and electronic products and systems. In the electrical segment, the Company holds leadership position in low tension switchgear in India, and is rapidly establishing itself in international markets.

The product range also includes custom-engineered LV and MV switchboards for industrial sectors like power, refineries, petrochemical, cement. In the electronic segment are a wide range of meters and complete control and automation systems for industries.

### **Information Technology**

Larsen & Toubro Infotech, a 100% subsidiary of L&T, offers comprehensive, end-to-end software solutions and services with a focus on Manufacturing, BFSI and Communications & Embedded Systems. It provides a cost cutting partnership in the realm of offshore outsourcing, application integration and package implementation. Leveraging the heritage and domain expertise of the parent company, its services encompass a broad technology spectrum, catering to leading international companies across the globe.

### **Technology Services**

L&T Technology Services provides leading-edge engineering solutions to multiple industry sectors like automotive, aerospace, consumer electronics, consumer packaged goods, marine, medical devices, off-highway equipment, railways, pharmaceuticals, oil & gas, utilities, infrastructure and industrial products. With its global headquarters at Vadodara, the Company operates through dedicated engineering centres in tandem with onsite teams worldwide. Its client base includes several Fortune 500 companies.

## **Machinery & Industrial Products**

The Company manufactures, markets and provides service support for industrial products, industrial machinery as well as construction and mining machinery. This includes a wide range of industrial valves for critical applications, rubber processing machinery, surface miners, hydraulic excavators, aggregate crushers and application-engineered welding alloys and cutting tools.

## **Infrastructure Development**

L&T Infrastructure Development Projects Limited, a subsidiary, leverages domain expertise in construction and financial services, and is a major player in Public-Private-Projects in India. L&T IDPL develops projects in various models - Build Own Transfer, Build Own Operate Transfer, Build Own Operate Share Transfer, and other variants including the annuity model. Major projects being executed by the Company include Hyderabad Metro Rail - the largest public-private rail project in the world, and ports at Dhamra and Kattupalli. Multiple highway projects around the country have established L&T IDPL as the leader in the space.

## **Financial Services**

L&T Financial Services - a publicly listed subsidiary - is a key player in India's financial services sector. Its subsidiaries include L&T Finance Limited, L&T Infrastructure Finance Company Limited and L&T Asset Management Company Limited. The Company also provides Insurance related services through L&T General Insurance Company Limited.