

annual REVIEW 2019





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SUSTAINABILITY

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Leadership Team



A. M. Naik
Group Chairman



S. N. Subrahmanyam
CEO & Managing Director



R. Shankar Raman
Whole-time Director &
Chief Financial Officer



Subramanian Sarma
Non-Executive Director, L&T
CEO & Managing Director
(L&T Hydrocarbon Engineering)



S. N. Roy
Whole-time Director &
Sr. Executive Vice President
(Power)



D. K. Sen
Whole-time Director &
Sr. Executive Vice President
(Infrastructure)



M. V. Satish
Whole-time Director &
Sr. Executive Vice President
(Buildings, Minerals & Metals)



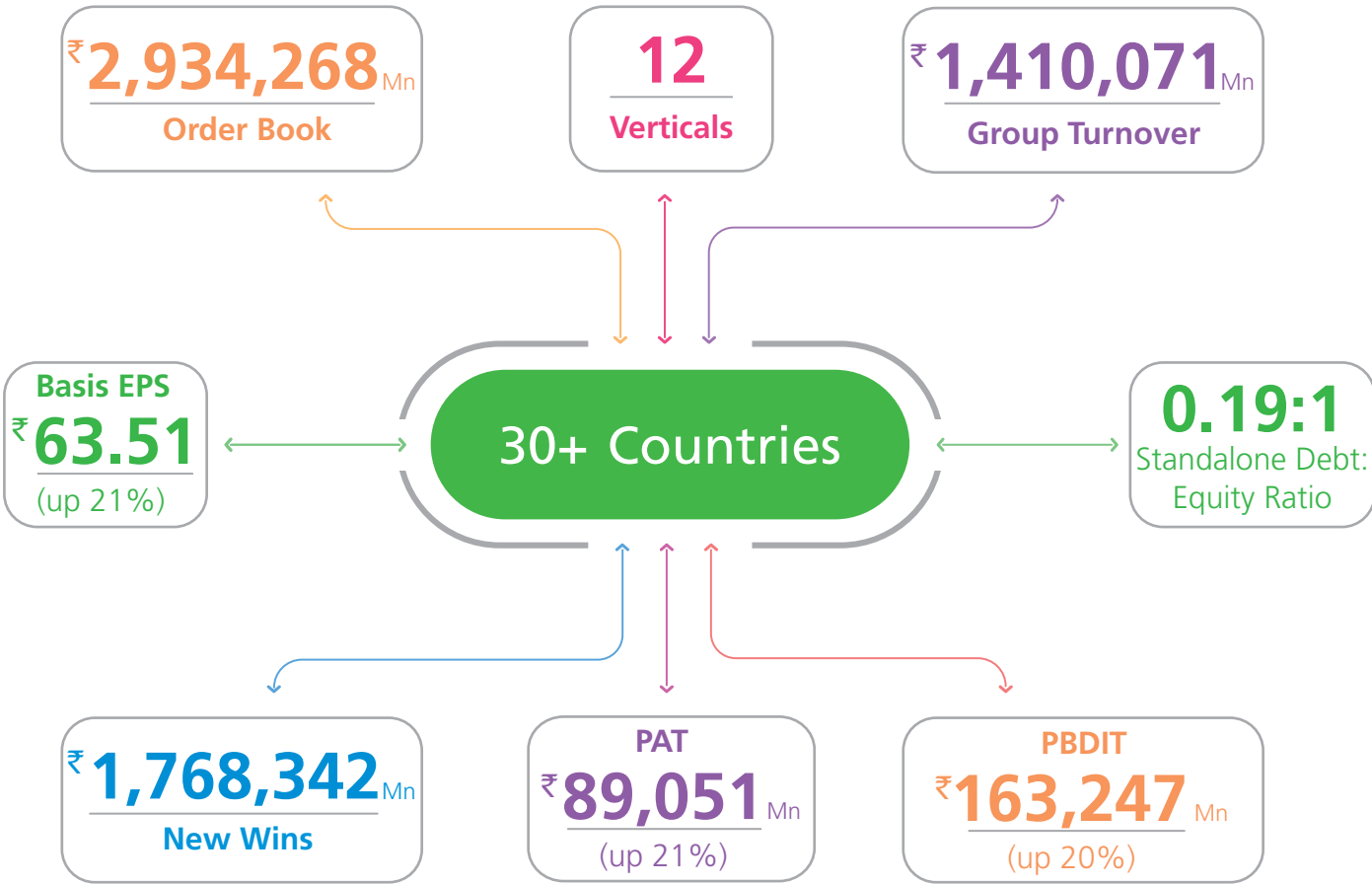
J. D. Patil
Whole-time Director &
Sr. Executive Vice President
(Defence, L&T-NxT)



Hasit Joshipura
Sr. Vice President & Head
Electrical & Automation

As on 1st June, 2019

L&T at a Glance*



*Figures for FY 19



CONSTRUCTION

- Buildings & Factories
- Transportation Infrastructure
- Heavy Civil Infrastructure
- Power Transmission & Distribution
- Water & Effluent Treatment
- Metallurgical & Material Handling
- Smart World & Communication
- L&T GeoStructure

Ranked among the world's top 15 contractors, L&T Construction contributes significantly to building the image and stature of Larsen & Toubro across the world and driving L&T's reputation as 'the builder of the India of the 21st century'.

Many landmark projects in India – and increasingly overseas – bear L&T Construction's indelible stamp of excellence – reflecting a track record spanning over eight decades.

The multiple businesses of L&T Construction have distinct but complementary capabilities, addressing different segments of infrastructure and industry.

L&T Construction executes projects on a turnkey basis, with single-source responsibility, adopting innovative design engineering and a global supply chain. Digitalization, mechanization and the ability to mobilise large, highly-trained crews, enable it to meet stringent deadlines and rigorous standards.

At every project site and establishment of L&T Construction, the highest priority is accorded to the environment, health and safety. A safe work culture is intensively propagated to conform to – and even surpass – international standards.

Buildings & Factories

The expertise of this business vertical lies in offering 'turnkey solutions', right from 'concept to commissioning' across the entire spectrum of urban infrastructure. Powered by dedicated engineering design centres, competency cells, advanced formwork systems, mechanised project execution, a wide network of consultants and vendors, digitized project control and a talented pool of employees, the business is an industry leader in its space in India and in targeted markets overseas.

Key Offerings:

- Airports
- Hospitals
- Stadiums
- Hotels
- Institutional spaces
- IT parks and office buildings
- High-rise structures
- Mass-housing complexes
- Factory structures and cement plants



ICC Towers, Mumbai



Apollo Proton Therapy Centre, Chennai



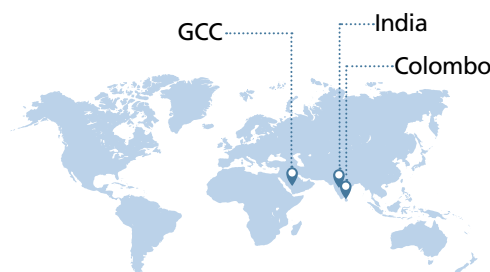
Emerald Isle, Mumbai



Statue of Unity, Gujarat – The world's tallest statue at 182 m

Snapshot

Key Geographies



New Orders

20 Projects

4	Airports	1	Elite Housing
3	Hospitals	1	Mass Housing
4	Public Spaces	2	IT & Office Spaces
5	Factories		



Bengaluru International Airport



Ford Global Business Centre, Chennai



Oberoi Sky City, Mumbai



L&T Realty - Raintree Boulevard, Bengaluru



Motera Cricket Stadium, Gujarat, being built by L&T, will be the world's largest

Snapshot

Commissioned Projects

3	Airports	1,000+	Hospital Beds
6	Manufacturing Facilities	18,000	IT Seats
10,000+		Apartment Units	

Track Record

11	65,000+
International Airports	Apartment Units
21,000+	80+
Hospital Beds	Manufacturing Facilities
2,25,000	
IT Seats	



Police Bhawan, Lucknow, Uttar Pradesh



ITC Royal Bengal, Kolkata



ITC One, Colombo, Sri Lanka



Government Medical College, Odisha



Hero Factory, Halol, Gujarat

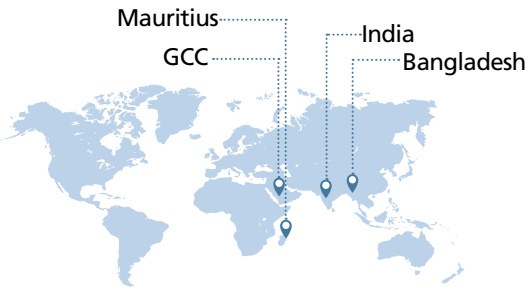
Transportation Infrastructure

Well-diversified in terms of its product range, the Transportation Infrastructure business leverages its vast experience in Project Management, Engineering Design and Construction Management, to achieve operational efficiency in mega-scale projects spread across India and in targeted geographies overseas.

Key Offerings:

- Roads
- Elevated Corridors
- City Infrastructure (Transportation)
- Runways (Airside Construction)
- Railway Construction
- Railway Systems
- Dedicated Freight Corridors
- Integrated Transit Systems (LRT/ Monorail)

Key Geographies



Overhead Electrification for Delhi Metro



Runway for Bengaluru International Airport



Delhi - Agra Road

Snapshot

New Orders

5 Projects

1	Metro (Track OHE S&T)	1	City Infrastructure Development
1	Road	1	Runway (Airside Construction)
		1	Dedicated Freight Corridor

Ongoing Projects

8,800 Lkm	3.62 Mn. sq. m.
Highways	Runways
2,469 Tkm	5,701 Tkm
Track Construction	Electrification

Completed Projects

13,800 Lkm	7.4 Mn. sq. m.
Highways	Runways
2,606 Tkm	10,507 Tkm
Track Construction	Electrification

Commissioned Projects

12 Projects

2	Runways (Airside Construction)	2	Metros (OHE)
2	Roads	1	Metro (Track work)
1	Elevated Corridor	4	Railway Construction



Completed section of the Western Dedicated Freight Corridor



A section of the 13 km Phase 1 of the Mauritius Metro



Al Mafrq-Ghweifat Highway, Abu Dhabi



Al Batinah Expressway Interchange, Oman

Heavy Civil Infrastructure

The Heavy Civil Infrastructure business vertical of L&T Construction undertakes design, engineering and construction of projects in several segments that are crucial to the economy.

The business' in-house design strengths and unique construction methodology cells provide competent concept-to-commissioning solutions to meet the complex requirements of its customers.

Key Offerings:

- Metros
- Nuclear Plants
- Hydel Projects
- Ports
- Special Bridges
- Tunnels
- Defence Infrastructure



The Mumbai Trans Harbour Link being built by L&T will be India's longest sea-bridge, when completed.



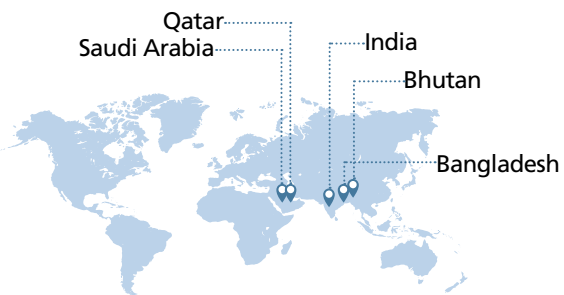
One of the underground tunnels of the Mumbai Metro project



Kakrapar Atomic Power Plant under construction. L&T has been associated with almost all of India's nuclear power plants.

Snapshot

Key Geographies



New Orders

5 Projects

2	Coastal Road Projects	2	Underground Metro Projects
1	Thane Creek Project		

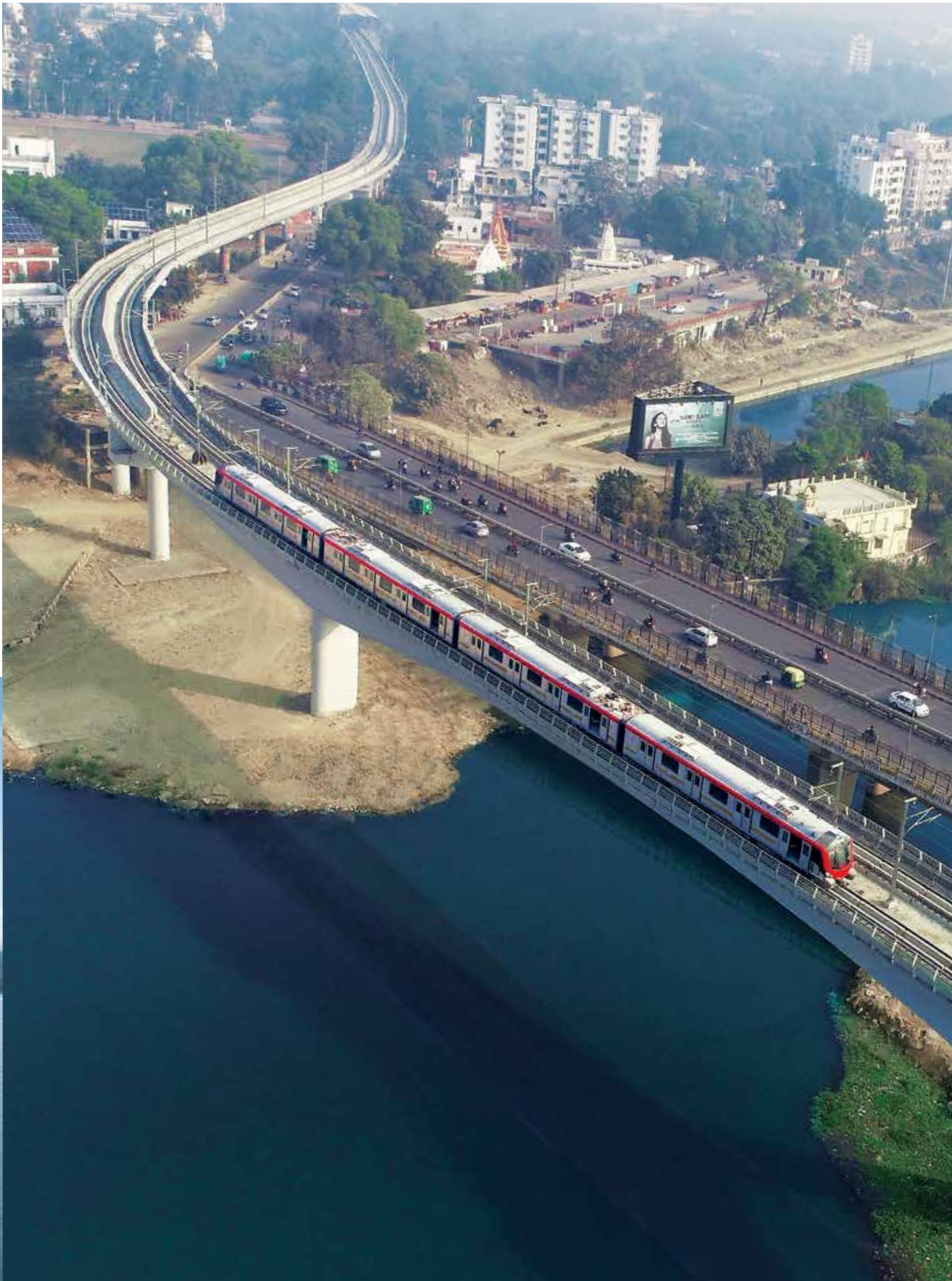
Commissioned Projects

6 Projects (FY 18-19)

5	1
Metro Projects	Cable-stayed Bridge



9.76 km Kachhi Dargah Bridge across river Ganga in Bihar, once completed, will be one of the longest extradosed river bridges in India



Lucknow Metro, one of the fastest completed metro rail projects in India



One of the stations of Riyadh Metro



Depot at Riyadh Metro



1.6 km Medigadda Barrage, Telangana, was built in a record 24 months

Track Record				
18.5 km of Cable-stayed bridges	33 km of Railway Bridges	46 km of Road Bridges	8,080 MW of Reactor Containment Structures	315 km of Metro Projects (including on-going jobs)
8,315 MW of clean and green power	90 km of tunnelling in difficult Himalayan terrain	12 km Dams / Barrages / Weirs	7 Powerhouses (including both underground and surface structures)	200 m below ground level – one of the largest LPG underground storage caverns of its kind, and the first of its kind in South Asia
5 Greenfield Ports commissioned	43.83 kms of Breakwater/ Rock Structures	8 km of Berthing Structures	3 Shipyard Structures	

Power Transmission & Distribution

A leading EPC player in the field of power transmission and distribution and solar energy, this business vertical offers integrated solutions and end-to-end services encompassing design, manufacture, supply, installation and commissioning. Its unique in-house capabilities include one of the world's largest tower manufacturing and testing stations and a proprietary tracker mechanism.

Key Offerings:

- Transmission Lines
- Substations
- Underground Cable Networks
- Distribution Networks
- Power Quality Improvement Projects
- Solar PV Plants
- Battery Energy Storage Systems
- Mini / micro-grid Projects



400 kV Ibri-Izki Transmission Line, Oman



400/132 kV Substation, Nkhoma, Malawi



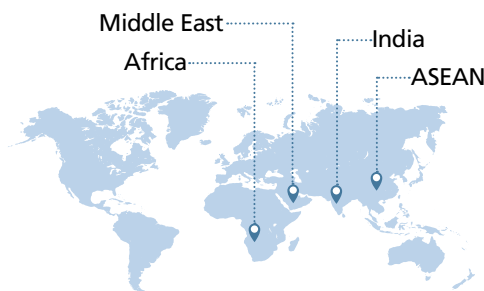
765 kV Gas-insulated Substation, Nizamabad, Telangana



Toshka 2 – Wadi Halfa 220 kV Transmission Line, Egypt

Snapshot

Key Geographies



Domestic Orders

54 Projects

16	Projects for last mile electrical / fibre connectivity	14	Substation Projects
6	Emerging Area Projects: Floating Solar / Solar Pumps / BESS	6	Major Solar Plants
		12	Transmission Corridors

Commissioned Projects

18	19,18,500
Transmission Lines, up to 765 kV	Households Illuminated
50	3
EHV Substations	Major Solar Plants, including a large scale BESS project

Track Record

34,200 ckm of Transmission Lines	770 Substations Including India's First 1200 kV AIS and 765 kV GIS
1,36,200 Habitations Electrified	Over 2 GWp of Solar Plants

Global Orders

Middle East	13 Substation Projects	5 EHV Cable/ OHTL Corridors
Africa	5 Substation / Distribution Projects	5 Transmission Corridors
ASEAN	4 EHV Substations	2 Transmission Corridors

Value: ₹ 210,000 Mn

Overall order value combining both domestic and global orders



Micro grid for rural electrification in Bihar



Lambir 275/132-33 kV Gas-insulated Substation, Sarawak, Malaysia



220 kV Uttarakhand Transmission Line



22 MWp HFE Solar PV, Karnataka



765 kV Gas-insulated Substation, Varanasi, Uttar Pradesh

Water & Effluent Treatment

L&T's Water and Effluent Treatment business' range of offerings includes creating world-class water infrastructure covering virtually every area of the Water, Irrigation & Wastewater spectrum – powered by in-house detailed engineering, process knowhow and impeccable project management skills.

Key Offerings:

- Urban and Rural Water Supply
- Water Treatment Plants
- Wastewater Treatment and Collection Network
- Industrial Water and Effluent Treatment
- Desalination Plants
- Micro and Lift Irrigation Projects
- Integrated Infrastructure Development
- Water Management



48 MLD Water Treatment Plant, Gadag, Karanataka



5 MLD Sewage Treatment Plant, Rampur, Uttar Pradesh

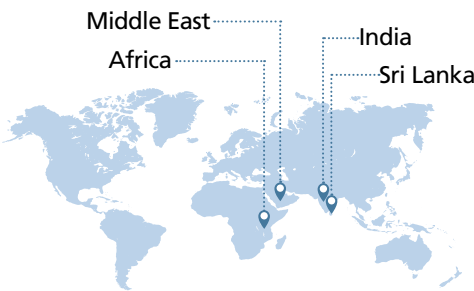


55 MLD Sewage Treatment Plant, Nellore, Andhra Pradesh



250 MLD Water Treatment Plant, Nagaur, Rajasthan

Key Geographies



New Orders

39 Projects

19	Water Supply & Distribution	9	Wastewater
10	Industrial & Large Water Systems	1	International - Sewage Treatment Plant, Qatar

Value: ₹ 25,000 cr

Commissioned Projects

46

Projects Commissioned

Track Record

7.3 Lakh
hectares of land being irrigated through large water pipelines

5100MLD
of Water Treatment Plants

5+ Lakh Km
Channelized Water and Waste Water Network

2100MLD
of Wastewater Treatment Plants

90+ Million people benefitted



375 MLD Sewage Treatment Plant, Jebel Ali, UAE



10.6 MLD Water Treatment Plant, Bagidora, Rajasthan



Pump house for Mohanpura Lift Irrigation Project, Madhya Pradesh



120 MLD Sewage Treatment Plant, Varanasi, Uttar Pradesh

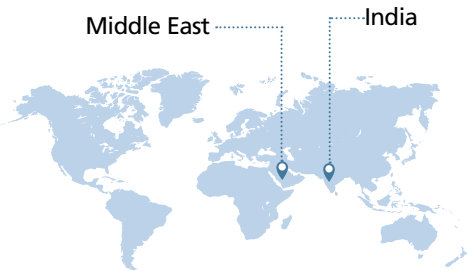
Metallurgical & Material Handling

L&T's Metallurgical & Material Handling business is a leading EPC solutions provider in the fields of minerals, metals and bulk material handling for large industrial, steel and aluminium complexes, associated facilities and the mining industry. The business offers integrated solutions for a wide range of systems and equipment, powered by in-house design, engineering, manufacturing, construction and commissioning capabilities.

Key Offerings:

- Mineral Beneficiation
- Iron and Steel Making
- Aluminium, Zinc and Copper Refiners and Smelters
- Specialty Conveyors
- Material Handling & Mining Equipment

Key Geographies



New Orders

(FY 18-19)			
1	Ferrous Project	2	Non-Ferrous Projects
1	Ash Handling Plant	16	Sand Plants
12	Crushers	5	Material Handling Equipment
4	Surface Miners	Value: ₹21,038Mn	

Commissioned Projects

4	2	2
Steel Plants	Beneficiation Plants	Material Handling Plants
5	4	2
Sand Plants	Crushers	Surface Miners

Track Record

8	24	6
Blast Furnaces	Million Tonnes of Iron Making	Coke Ovens
3	4	13
Steel Melt Shops	Hot Strip Mills	Mineral Beneficiation Plants
8	92	445km
Al/Zn Smelter Refinery Plants	Material Handling Plants	of Conveyors
132	118	8
Stockyard Equipment	Wagon Tippers	Ash Handling Plants
1,000+	21	65
Crushers	Sand Plants	Surface Miners



Bucket Wheel Stacker Reclaimers at Adani Dhamra Port – DPCL



LSAW Pipe Mill Project, UAE



Coke Oven Battery



KSM-404 Largest Surface Miner in Indian Coal Mines at Gevra, Chhattisgarh - Manufactured by L&T at Kansbahal

Smart World & Communication

With the Smart City Mission gaining momentum, the Smart World & Communication business is well-positioned to be a key Master System Integrator (MSI) to manage smart city projects, end-to-end. The business has expertise in the areas of city surveillance, intelligent traffic management systems, transport and logistics, OFC cabling, communication networks including backbone, telecom infrastructure, smart governance and education, critical infrastructure and smart city development.

The business has already ventured into the area of next-gen technologies and is creating solutions in the areas of Artificial Intelligence, Picture Intelligence, Facial Recognition, Cyber Security and first-of-their-kind Emergency Response Systems like Hybrid Dial-100 and Early Warning Dissemination. It has also created and implemented a gamut of Use Cases based on advanced analytics to improve the quality of life of citizens.

Key Offerings:

- Security Solutions
- Communication Technology
- Smart Cities



Command & Control Centre, Prayagraj – L&T rose to the challenge of effectively managing the world’s largest religious gathering by integrating a range of smart technologies.



Data Centre for Hyderabad Safe & Smart City



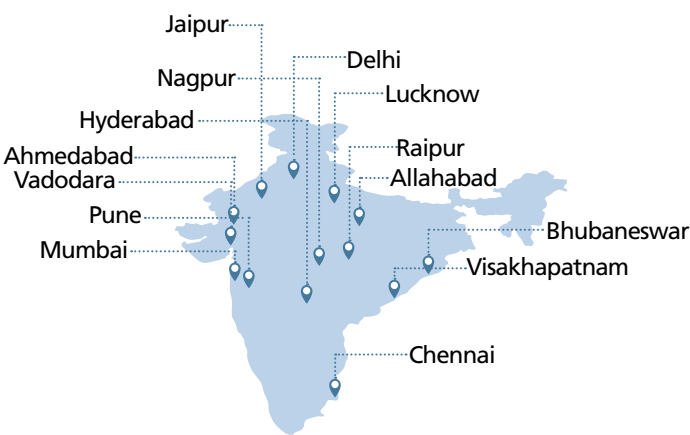
Surveillance cameras installed at Prayagraj



Early Warning Dissemination System deployed at Odisha

Snapshot

Key Project Sites



Highlights

20,000+ WiFi Access Points	30,000+ CCTV Cameras
400+ ANPR/RLVD	300+ Variable Messaging Displays
300+ Adaptive Traffic Control Systems	

L&T GeoStructure

Specialised in executing projects across sectors comprising Elevated & Embedded Retaining Structures, Ground Improvement Works, Marine Structures, Deep Foundation-supported Bridges and Intake Structures, this entity provides breakthrough ‘Design & Build’ solutions. It has sophisticated ground engineering equipment to execute challenging projects, both in terms of complexity and time.

Key Offerings:

- Marine Structures
- Multi-cellular Intake Structures
- Composite Dams
- Basement Structures
- Cut-off Walls
- Large Diameter Bored and Driven Piles
- Stone Columns and Vibro-compaction Works



Reverse Circulation Drilling (RCD) rigs in operation at MTHL, Mumbai

New Orders

19 Projects

3	Communications Projects	15	Smart Cities
1	e-education System		

Track Record

- India's first AI-based crowd management at the Kumbh Mela – the world's largest religious gathering
- Disaster management of Cyclone Fani
- India's largest CCTV-based surveillance system (Mumbai)
- Digital connectivity to 12000 Gram Panchayats
- India's first smart city (Jaipur)
- Technology Innovation Centre
- Surveillance and intelligent traffic management systems in major cities
- Jharkhand State Wide Area Network 2.0
- Largest roll-out of smart meters for EESL
- Metro communication systems



Command & Control Centre, Raipur

Commissioned Projects

11 Projects

Smart Infra	Communications
4 Smart Cities	2 Metros
Surveillance & Command Control Centres	Smart metering
	2 Data Centres
	EWDS

Key Orders Secured

4

Key Jobs Commissioned

2

On-going Jobs

9



Multi-modal terminal at Sahibganj, Jharkhand

EPC PROJECTS

Hydrocarbon
Power Plants & Equipment

From offshore oilfields to power plants, L&T's range of EPC solutions are powered by an array of unmatched in-house design-to-delivery capabilities.

Larsen & Toubro has acquired a high degree of expertise in undertaking projects of unprecedented scale, scope and sophistication on an EPC (Engineering-Procurement-Construction) basis for the entire hydrocarbon engineering spectrum, as well as power plants and equipment. L&T collaborates with global majors for the design and execution of projects, and is making its mark in the EPC world.

Hydrocarbon

L&T Hydrocarbon Engineering Limited (LTHE), a wholly-owned subsidiary of Larsen & Toubro, provides integrated 'design-to-build' engineering and construction solutions to offshore and onshore hydrocarbon projects, worldwide.

The Company's track record includes simultaneous execution of multiple, complex, large-value projects, meeting stringent delivery schedules, quality and safety norms. In-house capabilities are complemented by partnerships with global leaders.

Competitive strengths in project management, engineering, procurement, fabrication, manufacturing, construction, installation and commissioning, combined with best-in-class HSE standards, enable the Company to consistently deliver on all parameters.

Safety as a core value:

- 74 million LTI-free construction man-hours at a stretch
- Zero LTI status in 31 projects under execution and at 3 modular fabrication facilities
- Best safety performance with lowest ever LTI frequency rate of 0.02
- Received 29 HSE awards from prestigious institutes and esteemed clients across the globe



40,000 MTPA Melamine Plant for Gujarat State Fertilizers & Chemicals, Vadodara, India



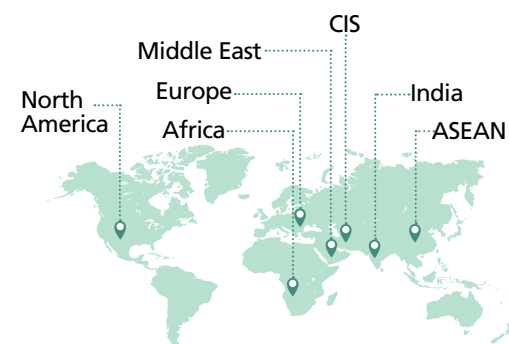
The heaviest, fully integrated gas platform in Saudi Aramco's history, installed by float-over method for Hasbah II

Key Businesses:

Offshore
Onshore
Construction Services
Modular Fabrication
AdVENT^

^ Advanced Value Engineering & Technology

Key Geographies



New Orders

19 Projects (FY 18-19)

4	Offshore	7	Onshore
2	Construction	1	Modular Fabrication
5*	AdVENT^	Value: ₹278,710 Mn (USD 4,002 Mn)	

*Project value > ₹ 5 Cr

^ Advanced Value Engineering & Technology

Completed Projects

12 Projects (FY 18-19)

3	Offshore	5	Onshore
3	Construction	1	Modular Fabrication

Offshore

LTHE undertakes FEED and EPCIC projects encompassing the entire hydrocarbon value chain – from oil & gas production to processing. LTHE has comprehensive engineering capabilities spanning the complete project life-cycle, while its in-house fabrication facilities at three strategic locations impart flexibility in project control and cost-competitiveness. LTS 3000, a heavy-lift-cum-pipelay vessel and LTB 300, a pipelay-cum-work barge help expedite offshore installations, ensuring on-time completion of projects.

Key Offerings:

- Process Complexes and Wellhead Platforms
- Gas Compression Modules
- Subsea Pipelines and Systems
- Brownfield Projects
- Living Quarters
- FPSO Modules and Jack-up Rigs
- Decommissioning



Neelam Re-development & B-173 AC Project executed for ONGC, on EPCIC basis



Gathering Centre (GC 30) for Kuwait Oil Company (KOC)

Onshore

The Company has in-house FEED, process and detailed engineering, procurement, fabrication, construction and commissioning (EPCC) capabilities built over three decades, delivering execution excellence to its global customers. The Company has experience in executing projects based on technologies from leading global Process Licensors and also executes projects on a License + EPCC package basis, depending on client requirements.

Key Offerings:

- Upstream Oil & Gas Processing and Treatment Facilities
- Petroleum Refining Projects
- Fertiliser Projects
- Petrochemical Projects
- Cross-country Pipelines and Terminals
- Cryogenic Storage Tanks and Regasification Terminals
- Coal / Pet-coke Gasification

Track Record			
10	New Process Platforms	80	Wellhead Platforms
15	Gas Compression Modules	1,210+	km Subsea Pipelines
4	Jack-up Rigs Refurbished	214	Platform Modifications
8	FPSO Topsides (Engineering)	9	Living Quarter Modules
2 Deepwater Projects			

Track Record			
50+	Petroleum Refining Units	21	Oil & Gas Processing Projects
11	Petrochemical Complexes	9	Petrochemical Units
6,500+	km Cross Country Pipelines	10	Oil & Gas Terminals
9	Syn Gas & Ammonia Projects	9	Cryogenic Storage Systems
83 Cracking Furnaces and Reformers			

Modular Fabrication Services

The Company offers comprehensive Modular Engineering, Procurement and Fabrication solutions for offshore and onshore projects.

Our world-class modular fabrication facilities at Hazira and Kattupalli (India) and Sohar (Oman) – with an annual fabrication capacity exceeding 200,000 MT – are accredited with global certifications and pre-qualifications from oil & gas majors.

Equipped with load-out jetties for worldwide dispatch of large, heavy modules, they provide the advantage of flexibility and effective project control and management, ensuring robust QHSE and timely delivery.

Key Offerings:

Offshore Structures and Modules for Oil & Gas Projects

Onshore Structures and Modules including Pre-assembled Units, Pipe Racks and Manifold Modules.

Modular Speciality Furnaces

Refinery and Petrochemical Plant Equipment

Foundations and Structures for Offshore Wind Farm Projects



Six Gas Production Modules and two mega Tie-in Platforms (7000 MT each) for Hasbah II fabricated at LTHE's Oman Facility



Construction of the world's largest Pet Coke Gasification Complex and Refinery Off Gas Cracker for Reliance Industries at Jamnagar, India

Key Offerings:

Site Development and Pile Foundation

Complete Civil and Structural Work

Plant and Non-plant Buildings

Piping and Mechanical Erection

Electrical & Instrumentation

Tankages including Firefighting Systems

Laying of Cross-country and In-field Pipelines



48" x 118 km-long Crude Transit Line from North Kuwait to Central Mixing Manifold for KOC

AdVENT (Advanced Value Engineering & Technology)

The erstwhile Engineering Services vertical has been restructured into a specialized vertical - 'AdVENT' to offer customer-centric solutions for the entire value chain of the Hydrocarbon industry and emerging industries, while addressing the specific needs of the changing energy sector.

Leveraging LTHE's expertise in high-end engineering and execution of large-scale, technologically complex EPC projects over several decades, AdVENT delivers comprehensive solutions encompassing Design & Engineering, end-to-end Project Management, Strategic Projects delivery, Modularization, Asset Management and Turnaround Services to clients. AdVENT's technical capabilities and agility enable it to offer tailored solutions through appropriate business models.

AdVENT is involved in implementation of indigenous 2G (Second Generation) Ethanol Technology through upcoming plants based on agro waste under the National Biofuel Policy.

Key Offerings:

Design & Engineering Services - Basic, FEED & Detailed Engineering

Project Management Services - EPCM / E&P / PMC

Strategic EPC Projects

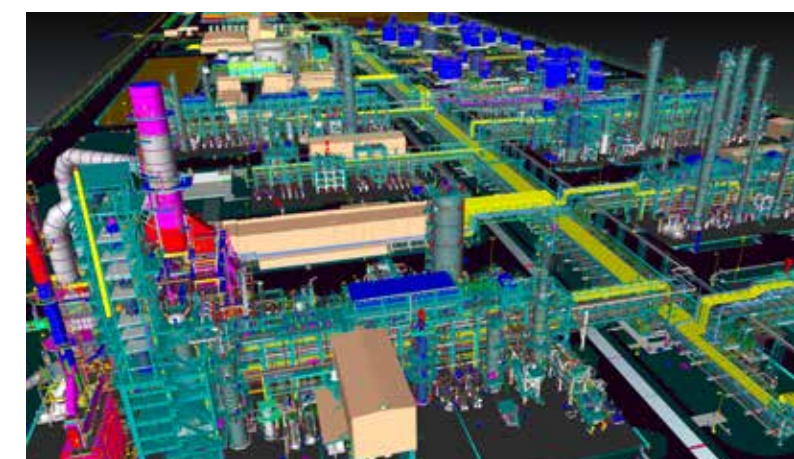
Modularization Solutions - Refinery Process Units, Gas Treatment Units, Thermal Systems such as Furnaces, Reformers, etc.

Asset Integrity Solutions

Smart Solutions for Asset Management

Shutdown & Turnaround

Emerging Technology Driven Solutions and Innovative Business Models



3-D model of Normal Paraffin & Derivative Complex under execution for Farabi Petrochemicals at Yanbu, Saudi Arabia

Construction Services

LTHE offers turnkey construction of refinery, petrochemical, chemical and fertilizer projects, gas-gathering stations, oil & gas terminals and field development, including storage tanks and underground cavern storage systems for LPG, and cross-country hydrocarbon pipelines.

The Company offers innovative construction solutions with cutting-edge technology. It has a large asset base of construction equipment and has an impressive track record in providing customized solutions in heavy lifting.

Most projects executed are in excess of 10 million construction man-hours, with two projects in excess of 100 million construction man-hours.

Power Plants & Equipment

A proven, complete-solutions provider for thermal power plants, L&T's power business vertical executes coal and gas-based power projects on a lumpsum turnkey basis. At its state-of-the-art facilities at Hazira in Gujarat, L&T and its joint venture companies manufacture ultra-supercritical/ supercritical boilers, turbines and generators, pulverisers, axial fans, air-preheaters and air-pollution-control equipment. L&T also supplies and supervises standalone HRSG packages. International standards of safety and quality and on-time delivery are ensured by design and project management centres at Vadodara, Faridabad and Chennai.

Key Offerings:

Complete and package-wise EPC solutions for power plants:

Coal-fired

Gas-based

Air pollution control:

Flue Gas Desulphurisation (FGD)

Selective Catalytic Reduction (SCR)

Electrostatic Precipitators



225 MW Sikalbaha Combined Cycle Power Plant, Bangladesh



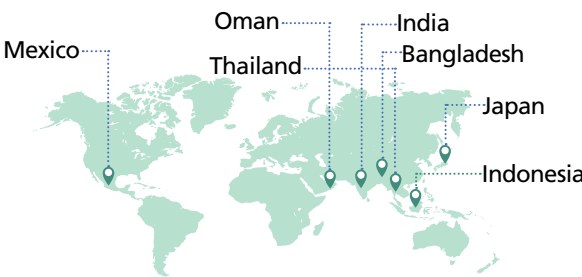
Boiler internals being manufactured at Hazira, Gujarat



3x660 MW Koradi Thermal Power Plant, Maharashtra

Snapshot

Key Geographies



Projects

4	1	11
New Contracts	Commissioned	Ongoing

Track Record

14,000+ MW EPC of Power Plants

Partners

L&T-MHPS Boilers Private Limited
– a JV with Mitsubishi Hitachi Power Systems, Japan – engineers, designs, manufactures, erects and commissions ultra-supercritical and supercritical boilers.

L&T-MHPS Turbine Generators Private Limited
– a JV with Mitsubishi Hitachi Power Systems and Mitsubishi Electric Corp. – engineers, designs, and manufactures ultra-supercritical and supercritical turbines and generators.

L&T-Sargent & Lundy Limited
– a JV with Sargent & Lundy L.L.C, USA – provides a complete range of engineering and design solutions for power plants.

L&T-Howden Private Limited
– a JV with the Howden Group – manufactures axial fans and air pre-heaters.



2x660 MW Jaypee Nigrie Thermal Power Plant, Madhya Pradesh



2x660 MW Shree Singaji Thermal Power Plant, (Stage-II) Madhya Pradesh



2x700 MW Rajpura Thermal Power Plant, Punjab

Supercritical turbine being manufactured at Hazira, Gujarat

MANUFACTURING

Heavy Engineering
Machinery & Industrial Products
Electrical & Automation

Across the decades, L&T's state-of-the-art facilities have manufactured the tallest, largest, heaviest equipment, setting global benchmarks in scale and sophistication.

Larsen & Toubro has established a reputation for manufacture of a wide range of high-end technology engineered-to-order equipment and systems for core and industrial sectors. In-house R&D, collaborations with international majors, a dedicated talent pool, cutting-edge procurement systems and world-class manufacturing facilities have enabled L&T to acquire and sustain a leadership position in many of its lines of business. Global quality accreditation and certifications affirm L&T's manufacturing prowess.

Heavy Engineering

L&T Heavy Engineering is recognized as one of the world's top 3 heavy fabricators. Its strengths include in-house design & engineering, state-of-the-art fully-integrated fabrication facilities, R&D centres and experienced project teams. It custom-designs, fabricates and integrates engineered-to-order critical equipment and piping solutions for core sector process plant (refinery, fertilizer, petrochemicals) and nuclear power industries. Our plants have been awarded the Sword of Honour by the British Safety Council.

It manufactures equipment conforming to international standards of quality and safety, to meet stringent schedules.

Key Offerings:

Hydrocracker, Ethylene Oxide and Clean Fuel Reactors

FCC Reactor and Regenerator Package

Coke Drums

Molten Salt Bath Reactor

Ammonia and Methanol Converters

Urea Stripper & Reactor, Carbamate Condensor

Waste Heat Boiler Package

HP Heat Exchanger

Nuclear Equipment

- Steam Generator and Pressurizer
- End Shields
- Fusion Reactor (ITER)
- Spent Fuel Canisters & Casks

Modification, Revamp and Upgrades (MRU)

Critical Piping



India's heaviest Hydrocracking Reactor (1858 MT)



Ethylene Oxide Reactor



MRU - Critical Heat Exchanger Replacement at Kuwait



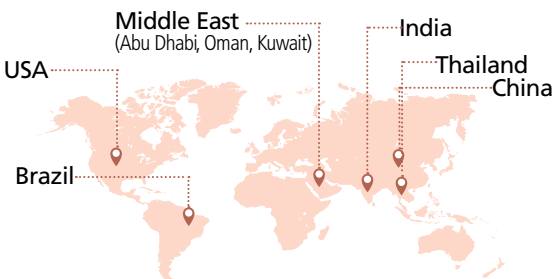
FCC Reactor & Regenerator



Coke Drums

Snapshot

Key Geographies



3 Manufacturing Facilities

New Orders

80 Won (FY 18-19)

Value: ₹ 42,890 Mn Total

₹ 15,610 Mn Domestic

₹ 27,280 Mn International

3 heaviest L&T-built reactors weighing 2141, 2167 and 2270 MT respectively, for HPCL.

35 Critical Reactors



End-shields under manufacture



Lower Cylinder of Cryostat for ITER



Steam Generator for Nuclear Power Plant



Ammonia Converter



Critical Piping Spools undergoing heat treatment

Track Record

121 m World's Longest Column for Reliance Industries, India	USD 421 Mn World's Single Largest Order of Reactors for KNPC, Kuwait
1858 MT Heaviest Hydrocracker Reactor in India	16.3 m Diameter World's Largest RFCC Package for Reliance Industries, India
645 MT Coke Drum 4 Coke Drums supplied to Marathon Petroleum Corporation, Garyville Refinery, USA	1500 MT World's Largest Tubular Reactor for Equate, Kuwait



Urea Reactor



High Pressure Heat Exchangers



Reformed Gas Boiler

L&T Special Steels & Heavy Forgings

L&T Special Steels and Heavy Forgings is a JV with NPCIL, and manufactures forgings for several sectors: nuclear, defence, hydrocarbon and power. With an annual capacity of 40,000 MT of finished forgings, it is a major strategic step towards a sustainable alternative to the import of heavy forgings.

Snapshot

New Orders

42 Orders (FY 18-19)

6200 MT

Value: ₹ **2000 Mn**

1200 MT Low Cobalt Stainless Steel Plates for End-Shields for Nuclear Fleet Order

Development of High-strength Plates for Defence Sector

Track Record

Critical Heavy Forgings
for Steam Generators

700 MW

Nuclear Plant

India's Largest

Single Piece Dish-end

Facility Approval and
Development of

Strategic Grade

Forgings

Heaviest ingot made
in India

> 200 MT
for Nuclear Sector

Reference List of
350+

Shells and Tube-Sheets
for Nuclear and
Hydrocarbon Sectors

Thickest
> 325 mm

Stainless Steel Tubesheets
for Hydrocarbon Sector



L&T's nuclear-grade forge shop at Hazira (near Surat) is one of Asia's largest. It offers a wide range of finished forgings for the nuclear, hydrocarbon and power sectors, and can manufacture single-piece forgings of up to 120 MT

Machinery & Industrial Products

Valves

L&T Valves Limited, a wholly owned subsidiary of L&T, is a leader in flow-control solutions. Leveraging its heritage of over five decades, the Company offers innovative solutions and services that establish new benchmarks in plant performance and customer satisfaction. The portfolio includes products monogrammed API 600, API 6D and API 609, valves with CE, ATEX and SIL certifications, as well as IIoT-ready digital solutions. Its marketing network spans the globe, reinforced by strategic alliances with key distributors.

Key Offerings:

- Gate, Globe and Check Valves
- Ball, Butterfly and Plug Valves
- Choke Valves
- Control Valves
- Safety Relief Valves
- SIL3-capable Automation Solutions including HIPPS
- Digital Products & Solutions
- Aftermarket Solutions

Snapshot

Sectors Served	
Oil & Gas	Power
Refining	Defence
Pipelines	Aerospace
Petrochemicals	Water
Chemicals	Pharmaceuticals

Track Record	
57 Years of Excellence	
Approved and accepted by global majors in the oil & gas and power sectors	Valves in operation in 50 leading economies



72" Gate Valve. Largest Cast Steel Gate Valve manufactured in India



56" Ball Valve. Largest Trunnion-mounted Ball Valve manufactured in India



SIL3-capable Automation Solutions



Cryogenic Butterfly Valve



Smart Valve with Integrated Diagnostic and Communication Modules



Temperature



Pressure



Vibration



Leakage



Torque/Position

Construction & Mining Machinery

A pioneer in the Indian Construction & Mining Machinery industry, L&T supplies equipment to the infrastructure, irrigation and mining sectors. Its comprehensive range of world-class equipment matches global performance standards.

Key Offerings:

- Hydraulic Excavators
- Rear Dump Trucks
- Crawler Dozers
- Wheel Loaders
- Wheel Dozers
- Motor Graders
- Tipper Trucks
- Vibratory Compactors – Soil & Asphalt
- Pneumatic Tyred Rollers
- Asphalt Paver Finishers
- Skid Steer Loaders



Komatsu PC350LC-8M0 Hydraulic Excavator



L&T 5590H Asphalt Paver Finisher



Scania G440 Tipper Truck



Komatsu GD535 Motor Grader



L&T S315R Skid Steer Loader



L&T 9020SX Wheel Loader



Komatsu HD785 Rear Dump Truck

Snapshot

New Products

- Pneumatic Tyred Rollers
- Asphalt Paver Finishers
- Skid Steer Loaders

Products marketed for

- Komatsu – India & Global
- Scania Commercial Vehicles India Pvt. Ltd.
- L&T Construction Equipment Limited (LTCEL)

Track Record

- 7+ Decades of Experience
- 35,000+ Machines India-wide
- 80,000 sq.ft. Warehouse
- 6 Service Centres at strategic locations in India

Product Development Centre: This in-house Centre, located at Coimbatore, has highly-skilled and experienced design engineers. The Centre is involved in the design and development of a range of products with innovative technology.

Subsidiary
L&T Construction Equipment Limited, a wholly-owned subsidiary of L&T, manufactures indigenously designed road construction equipment and high-precision hydraulic systems and components at its factory on the outskirts of Bengaluru.

Rubber Processing Machinery

L&T is a global major, providing end-to-end, comprehensive rubber processing machinery solutions to the tyre and rubber industry. It markets its own products, manufactured at its plant in Kancheepuram, as well as certain products manufactured by Kobelco Industrial Machinery India Pvt. Ltd.

Key Offerings:

Mechanical Tyre Curing Presses

Hydraulic Tyre Curing Presses

Tyre Building Machines

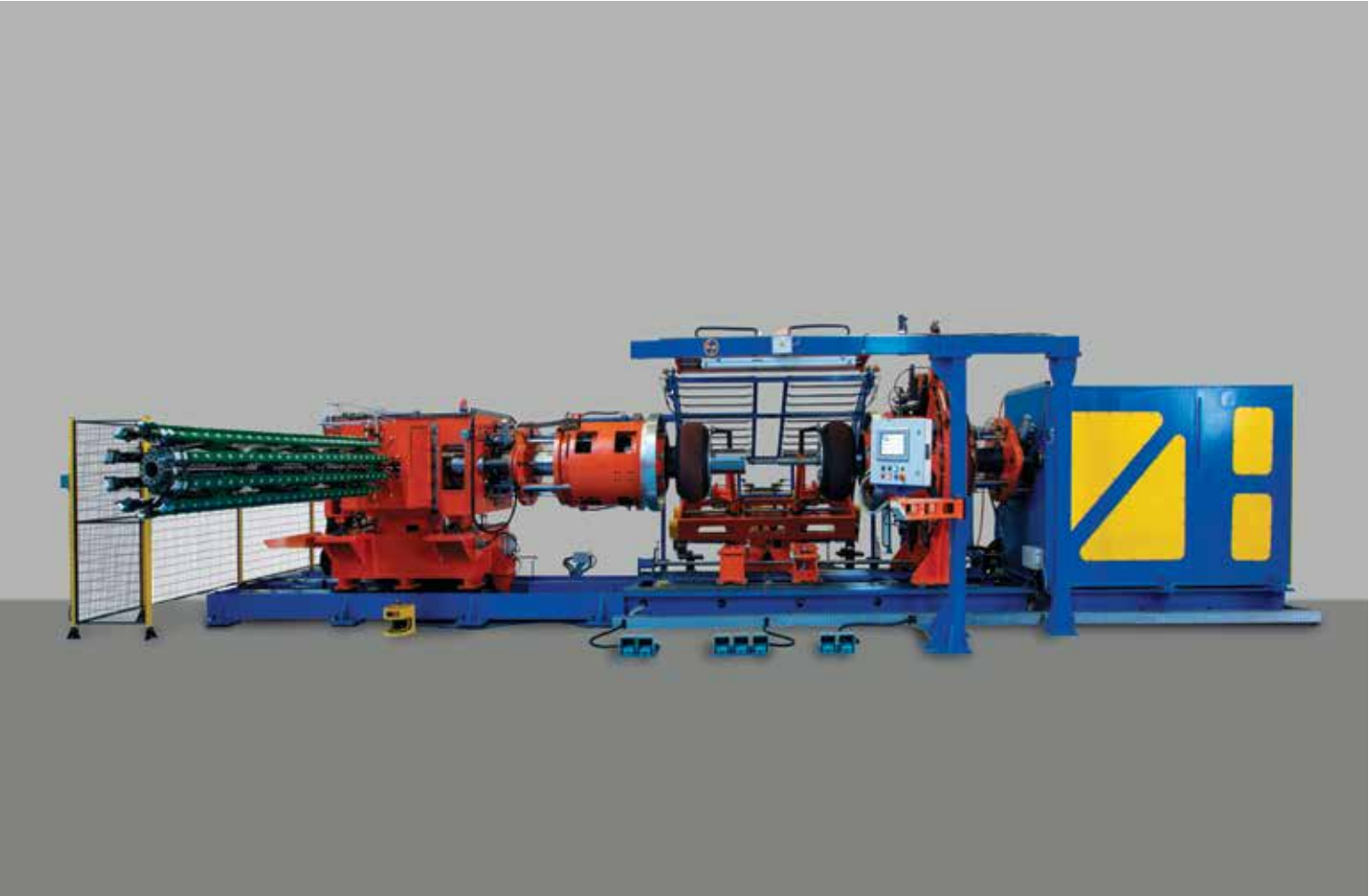
Tyre Plant Solutions

Internal Mixers

Twin Screw Roller-head Extruders



OTR Mechanical Tyre Curing Press



Tyre Building Machine

Snapshot

47	Years of Experience
6	Distinct Product Segments

Order Inflow

Value: Over ₹ 4.6Bn

Track Record

45 Countries	4,000+ Machines	Top 7 Global Tyre Manufacturers as Clients
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Key Achievements

Top OTR Tyre Curing Machinery Manufacturer in the world

Latest Tyre Curing Presses – fully compliant to CE norms - EN 16474

New-generation Floor Mounted Hydraulic Tyre Curing Press with panel-less options



PCR Floor Mounted Hydraulic Tyre Curing Press

Electrical & Automation

L&T's Electrical & Automation business offers a wide range of products and systems for the distribution, regulation and control of electricity, along with metering products, and is an industry major in system integration. Sectors served include industry, utility, building, infrastructure and agriculture.

Key Offerings:

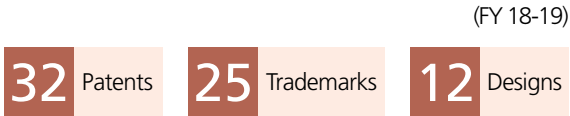
- LV Switchgear Products
- LV and MV Electrical systems
- Industrial & Building Automation Solutions
- Metering Solutions

Snapshot

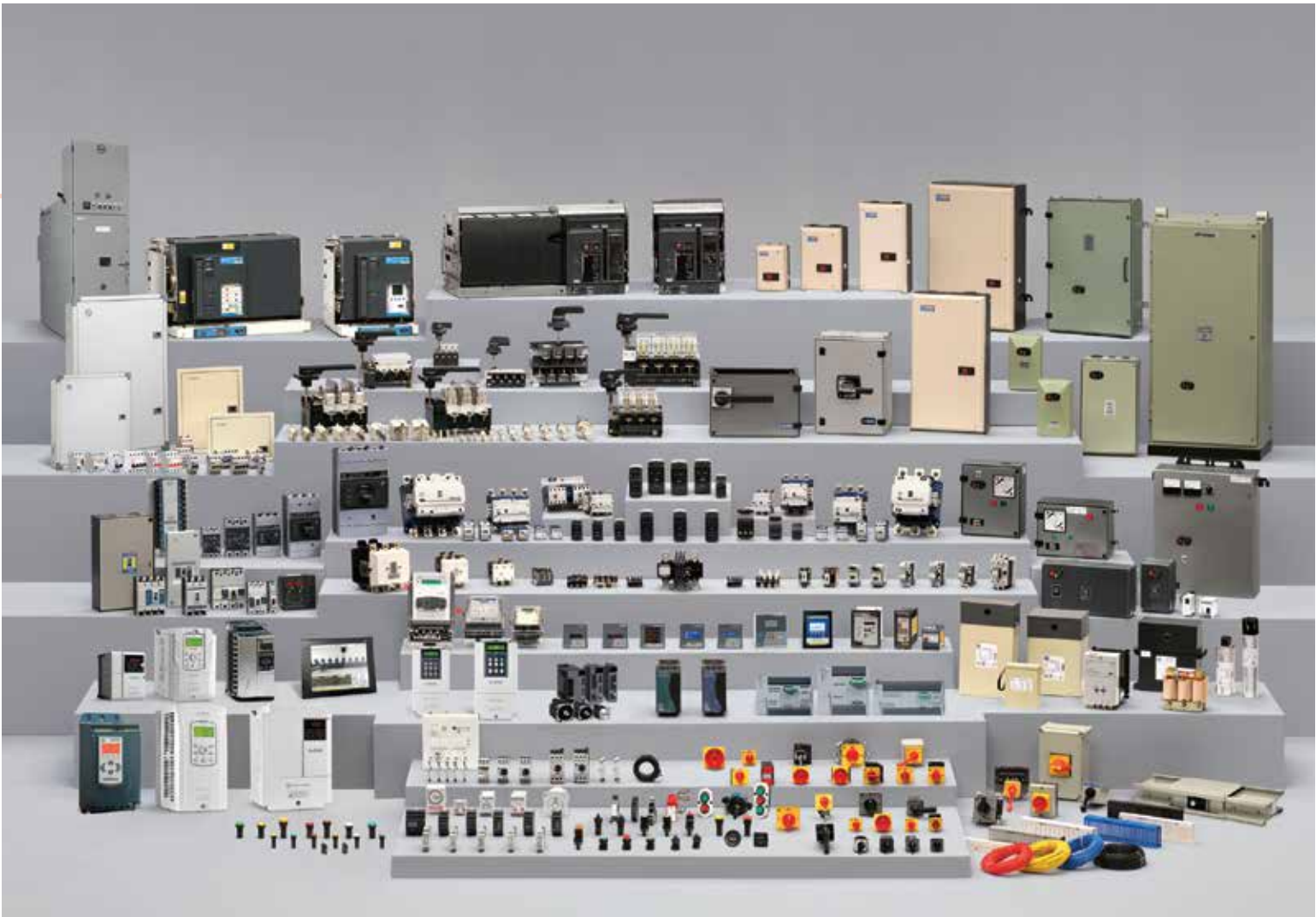
Key Geographies



New Applications for IPR



International Revenue



L&T offers India's widest range of switchgear



Control Panels at MRPL



Smart Meters



Air-insulated Switchgear



U-Power OMEGA Breakers Range

Major Projects

(FY 18-19)

Tenaga Nasional Berhad
GIS with 1 year contract & AIS bulk contract for 2 years

Dangote Oil Refinery Co. Ltd.
LV & MV switchgear assemblies

Medium Voltage Switchgear
Supply to 3 UK and 3 Australian Utilities

Building Management Systems
for **Riyadh Metro**
Close to 600 cubicles, 22 stations and 2 depots

Track Record

(FY 18-19)

Number of Units Manufactured	
115 lakh 1-phase and 3-phase meters	219 lakh MCBs
Number of Projects	
350 Industrial Projects	109 Utility Projects

Subsidiaries and Associates

- **Tamco Switchgear (Malaysia) Sdn Bhd**, a wholly-owned L&T subsidiary, manufactures MV and LV switchgear.
- **PT. Tamco Indonesia** offers total solutions for electrical distribution and control.
- **Tamco Australia** is the marketing and service support centre for LV and MV solutions.
- **Henikwon Corporation Sdn Bhd**, manufactures LV and MV busducts in Malaysia.
- **L&T Electrical & Automation FZE** is the international competency centre of L&T's automation business.
- **Kana Controls** offers instrumentation and instrumentation control automation contracting services to clients in Kuwait.
- **L&T Electrical & Automation Saudi Arabia Company Limited**, a wholly-owned subsidiary, offers switchgear and automation solutions to industry majors in Saudi Arabia.
- **Servowatch System Ltd.**, a UK-based company, is a leading supplier of advanced and innovative integrated ship control systems.

DEFENCE

Defence & Aerospace
Defence Shipbuilding

L&T provides indigenous design-to-delivery solutions – from surveillance to strike. Its aerospace offerings add thrust to India's space programme.

L&T partners the DRDO and Indian Armed Forces in the development of defence products, systems and platforms across land, sea and air operations, in line with its commitment to 'Make in India'. The Company has state-of-the-art facilities for manufacturing weapons systems, aerospace solutions and naval ships, helping the Armed Forces gain the decisive edge.

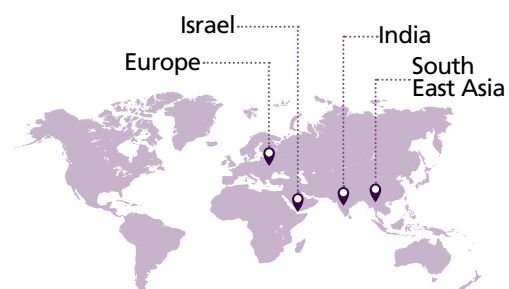
Defence & Aerospace

L&T's defence solutions encompass land-based weapon systems, air defence and artillery systems and upgrades, naval weapon launch systems with fire-control systems, bridging systems, communication, avionics, C4I and missile systems. L&T designs and builds critical aerospace components, tracking and launch systems for space missions as well as for the Armed Forces.

Key Offerings:

- Guns and Armoured Systems
- Missiles and Aerospace Systems
- Military Communication Systems
- Submarines and Underwater Platforms
- Weapon and Engineering Systems
- Radar Systems

Key Geographies



7 Manufacturing Facilities

Image courtesy: ISRO



L&T has provided critical subsystems for most of India's space missions



Pinaka Guided Launcher System



Chemical Agent Detector



Fly-away Kit



Air Defence Fire Control Radar



K9 Vajra-T 155 mm/ 52 Cal. Tracked Self-propelled Gun

Defence Shipbuilding

L&T offers a range of ocean-going vessels for defence including frontline warships, auxiliary vessels and special naval platforms. Its Warship Design Centre, equipped with state-of-the-art software and associated tools, undertakes high-end design – from concept to production drawings.

L&T also designs and manufactures critical ship systems. Through-life support and obsolescence management offered by L&T extend the operational life of platforms considerably.

Key Offerings:

- Ocean-going vessels for defence, including:
- Frontline Warships
- Auxiliary Vessels
- Special Naval Platforms



L&T executed critical portions of India's first nuclear-powered submarine

Visual for representational purposes only



Floating Dock



Offshore Patrol Vessel

Snapshot

Facilities	
(FY 18-19)	
2	21,050 T
Shipyards	Kattupalli Shipyard with Shiplift

New, Major Orders
Major Refit Packages of Indian Navy Vessels

Delivered Orders	
(FY 18-19)	
8	3
Interceptor Boats	Offshore Patrol Vessels

Track Record	
46	3
Interceptor Boats	Offshore Patrol Vessels
1 Floating Dock	

SERVICES

Realty
Information Technology
Technology Services
Financial Services

L&T's service offerings are built on the core values of commitment and transparency, coupled with a customer-first approach, delivering customer delight across the globe.

Larsen & Toubro has over three decades of experience in the service sector. Our realty business has set the gold standard in the sector, delivering on its commitments, time after time. L&T's pioneering information technology business, delivers cutting edge solutions at the convergence of the physical and digital worlds. Global ER&D services are provided by L&T Technology Services (LTTS), recognised as one of the world's most innovative companies. L&T Financial Services ranks among India's most valued NBFCs and offers a wide range of lending and non-lending based financial products, touching the lives of almost 15 million customers.

Realty

L&T Realty has carved out a leadership position in the industry, specialising in the execution of large residential, mixed-use and transit-oriented developments. The business derives its competitive advantage from transparency, a strong consumer connect and efficient design – all being the need of the hour for the real estate industry.

The Company anchors its strengths on consumer insight-driven master planning and product development, delivering the desired blend of pricing and quality to its customers. Committed to a customer first approach, the business has built a reputation for delivering on its promises, while embracing the power of digitalisation and new technologies into its core strategy for growth.

Key Offerings:

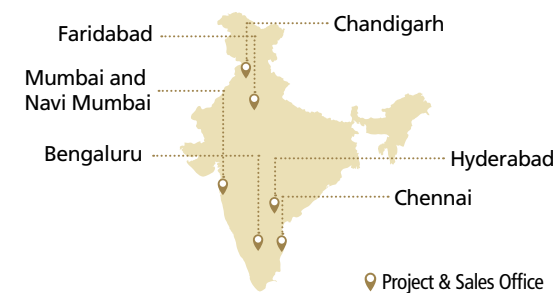
Mixed-use Integrated Developments
Transit-oriented Developments
Residential Complexes
Commercial and Retail Spaces
Built-to-suit Projects

Key Clients:

JPMC, Colgate, Sanofi, WeWork, Ansell, Henkel, Teva Pharma, Koch Industries, Tibco, SBI Life, and many more...

Snapshot

Key Geographies



Development Portfolio

90 mn. sq.ft.

46 mn. sq.ft.
Residential

44 mn. sq.ft.
Commercial & Retail

33 Projects

51,000	Apartments
10,00,000	Office Desks
1,05,00,000	Sq.ft Specialised Luxury Retail

Track Record

13+	Large, Gated and Mixed-use Developments	5800	Pucca houses for Slum Dwellers
102+	Domestic and International Awards	16,500	Happy Families



L&T Tech Park, Hebbal, Bengaluru



Seawoods Residences, Navi Mumbai

Information Technology

LTI

LTI, a global technology consulting and digital solutions company, has accelerated its digital transformation journey with its Mosaic platform. The platform has significantly evolved, with a conscious design that embraces the convergence of data engineering, advanced analytics, knowledge-led automation, IoT connectivity, and AI, enveloped by an improved solution experience for different business and IT users.

Key Recognitions:

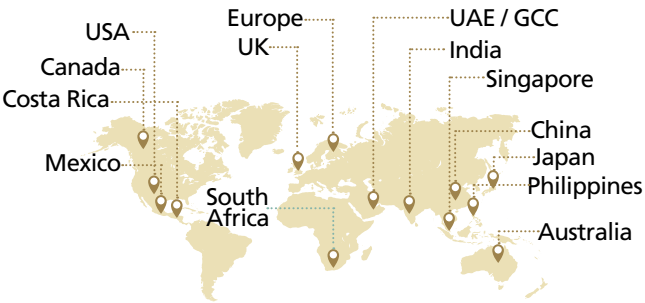
- Topped ITS Challengers List for the second consecutive year in Everest Group's PEAK Matrix IT Service Provider of the Year™ 2019
- Won the 2018 Microsoft Partner of the Year Award for App Innovation
- Named 'Leader' in Avasant's 2018 Blockchain Services RadarView™
- Recognized as 'Leading IT Service Providers' in Gartner's Competitive Landscape: Consulting and System Integration Service Providers for Robotic Process Automation 2018



LTI's state-of-the-art Delivery Centre in Johannesburg, South Africa

Snapshot

Key Geographies



49 Sales Offices across
30 Countries in the US, EMEA & APAC

Track Record

Among the
Top 20
IT Services Companies

343 Clients,
Including **66** Fortune 500 Companies

28,000+ Employees Working
out of **25** Delivery Centres



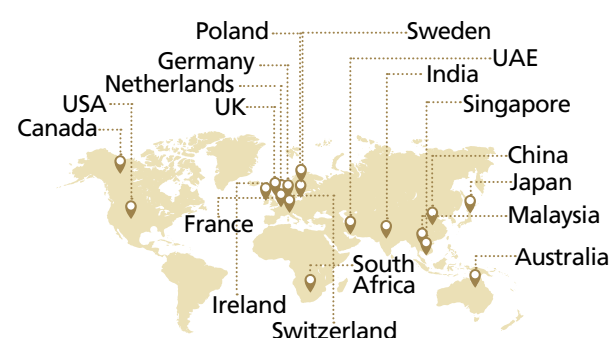
LTI's global headquarters in Powai, Mumbai

Mindtree

Mindtree, a global technology consulting and services company, delivers digital transformation and technology services from ideation to execution, enabling Global 2000 clients to outperform the competition across 18 countries. 'Born digital,' Mindtree takes an agile, collaborative approach to creating customized solutions across the digital value chain. Its deep expertise in infrastructure and applications management turns IT into a strategic asset, helping customers run their business more efficiently and accelerate revenue growth. Industries that trust Mindtree include Banking, Financial Services and Insurance, CPG, Retail and Manufacturing, Travel, Transportation and Technology, Media and Services among others.

Snapshot

Key Geographies



43 Offices across 18 Countries

Track Record

346
Active Clients

674
BOTS Developed

USD 1 Bn
Revenue

Ranked **Leader**
in Overall Digital Services
– Zinnov 2019

On Best of **Global 100**
Outsourcing List - IAOP

Key Offerings:

1. Enterprise Services

Application Development and Maintenance
Test Engineering
Infrastructure Management
Managed Services
Integrated Services and Solutions
Product Engineering
Agile Development
Automation

2. Digital

Customer Experience
Data and Analytics
Cloud
Magnet360 Salesforce Practice
Bluefin SAP/HANA Practice
Mindtree's SaaS-based Platforms



The Mindtree office at Bengaluru, India



The Network Operations Centre, Bengaluru, India

Technology Services

LTTS

L&T Technology Services (LTTS) is a leading global ER&D services company, backed by the rich engineering expertise and experience of its parent company, Larsen & Toubro. LTTS offers design and development solutions to clients across the entire value chain of product development and caters to all major industries including Transportation, Industrial Products, Telecom & Hi-Tech, Medical devices and Process Industries. With its engineering design expertise, innovative solutions portfolio, smart manufacturing and digital capabilities, the Company is closely involved with its global customers in improving their product and solution development and accelerating their digital road-map.

Key Offerings:

LTTS' offerings span the product development chain and facilitate solutions in the areas of:

- **Digital Advisory Group:** The DAG architects the digital roadmap for global customers and focuses on creating smart products, services and digital manufacturing systems
- **Embedded Systems:** Delivering over 500 designs each year, we have extensive experience across multiple industries including telecom infrastructure, consumer electronics, compute & storage, transportation and industrial products
- **Software Engineering:** For machinery and devices in areas such as automated driver assistance systems, telematics and infotainment
- **Process Engineering:** With broad expertise in traditional EPCM and operational maintenance projects, LTTS is furthering its engineering footprint to include the digital sphere and working with customers across the globe on 'Smart Manufacturing' technologies such as automation, IoT and analytics
- **Mechanical Engineering:** LTTS is a one-stop solutions provider in Mechanical Engineering Services, which include Integrated Design validation and Testing (IDVT), Product Engineering Sustenance and Aftermarket, Sourcing and Supply Chain Management and Technical Publications



LTTS' Embedded Systems team designs complex software and electronics that helps accelerate time-to-market and ensures superior quality products.



LTTS' Healthcare practice helps OEMs develop sophisticated medical devices at affordable costs



Mixed Reality and VR technologies create delightful immersive experiences for industries ranging from transportation to smart homes



LTTS integrates leading edge technology for plant design and offers advanced modelling and simulation services for factories to help clients move quickly from design to production stage



LTTS' end-to-end engineering expertise enables the Company to cover a wide spectrum of mechanical services that facilitate complex designs and prototyping, product development, PLM and manufacturing process automation



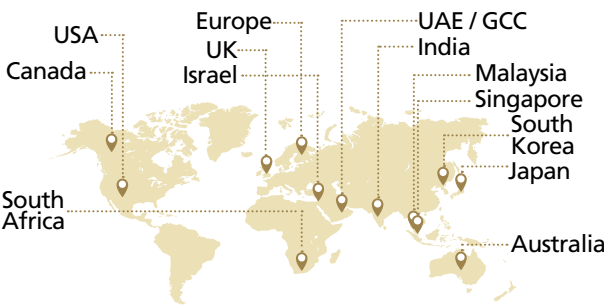
LTTS helps automotive firms harness the power of advanced telematics, intersecting security, implementation ROIs, and end-user satisfaction

Subsidiary: Bengaluru-based Graphene Esencia Semiconductor Services Pvt. Ltd, a provider of end to end semiconductor services. Graphene's strong offshore presence coupled with expertise in complete VLSI Chip Design & Embedded Software will enhance LTTS' capabilities in the Semiconductor & Product OEM space

California-based Esencia Technologies, a provider of design services from specification to final product in Digital Signal Processing for Communications, Video, Security and Networking.

Snapshot

Key Geographies



49 R&D Labs, 22 Countries,
15,000+ Engineers

New Orders

20	Multi-million-dollar Orders
USD 40mn	Engineering Content Management (ECM) Deal in Europe
Large Digitization Deal Win from ExxonMobil	

Track Record

35.5%	YoY growth in Company Revenue (₹) as of March 31, 2019	
58%	YoY Growth in Revenues from Digital & Leading-Edge Technologies	
51	Customers from the List of Top 100 ER&D Spenders	
251	Global clients	90% Repeat Business
399	Patents Filed	69 Fortune 500 US Companies

L&T-NxT

L&T-NxT leverages the L&T Group's deep industry domain expertise across diverse industry verticals and experience of deploying new age digital technologies like Industrial IoT, machine learning, augmented and virtual reality, artificial intelligence and geospatial applications to deliver differentiated, disruptive business outcomes for global customers.

L&T-NxT works with cutting edge digital technologies to solve complex business challenges in the areas of IT-OT convergence. We deliver proven and scalable solutions that are designed to deliver measurable business benefits. We provide services for Energy & Utilities, Transportation, Construction & Engineering, Process and Discrete Manufacturing and the Government.

Key Offerings:

Industrial IoT
GeoSpatial Engineering and GIS Solutions
AI / ML
Data Lake and Big Data Analytics
Smart Manufacturing
AR / VR / MR
Workmen Productivity and Safety
Robotic Process Automation
Robotics
Communications Technology

Track Record

25,000 Workmen Connected	10,800+ Plant & Machinery Connected
1,897 GPS Enabled Vehicles Tagged	740+ Connected Geospatial Projects
224 Projects using Geospatial Technologies	230 Projects Surveyed and Mapped
350+ Projects Monitored Remotely	15 BIM GIS Integration and Scan to BIM solutions



Smart Assets - Monitoring to Insights



Smart Material - Issue to Consumption



Smart Worker - Safety to Productivity



Smart Manufacturing - Overall Equipment and Plant Efficiency

Financial Services

L&T Financial Services is a leading, diversified Non-Banking Financial Company (NBFC). It offers a diverse range of financial products and services in rural, housing and infrastructure-finance sectors. The Company also offers mutual fund products. L&T Finance Holdings is registered with the Reserve Bank of India as a non-deposit-taking Core Investment Company (CIC).

Built on the foundation of ‘Assurance’, the Company is geared towards generating perpetual value for all stakeholders. Being a responsible corporate, L&T Financial Services believes in making the world stronger, more empowered and sustainable.

Key Offerings:

Rural Finance:
Farm Equipment Finance
Two-Wheeler Finance
Micro Loans

Housing Finance:
Home Loans
LAP
Real Estate Finance
Infrastructure Finance
Investment Management



Snapshot

Branches	
230 Branches	
Track Record	
₹ 99,1210 mn Loan Book	11+ mn Customers Served
Market Leader in Renewable Sector Financing	3 rd Largest Micro Loans Financier in India
Funding purchase of 1 in every 7 Tractors	Amongst Leading Developer Financiers
4 th Largest Two-Wheeler Financier	6 th in Net SIP Inflows in MFs (Source: AMFI)
Bloomberg League Table for CY18 ranked 2 nd in Mandated Lead Arranger in APAC (ex-Japan) for Green Loans	
Excellence In Corporate Governance - Golden Peacock Awards	
Best Audit Committee - Asian Centre for Corporate Governance & Sustainability	

SUSTAINABILITY

L&T is one of the first few organisations in India to voluntarily set Sustainability Targets aligned with the Company's Business Plan - LAKSHYA 2021.

In FY 2018, we published our first Integrated Report, which was based on the International Integrated Reporting Framework.

L&T's first Integrated Report demonstrated the relationship between the organization's strategy, governance and the social, environmental and economic context within which the Company operates.

We believe that Sustainability is all about imbuing informed, responsible and inclusive business practices. L&T views sustainability through the lens of its core values – consciously and continuously aligning its activities for the benefit of its stakeholders.

L&T is investing in reducing its carbon footprint and enabling its customers to follow a low carbon economy path with its Green Portfolio. In the year 2018-19, the revenue from our

Green Portfolio was 22% of the overall sales at consolidated revenue. We also have a strong order book of the Green Portfolio to ensure sustained revenue from the portfolio in future.

By embracing a digital future, robust risk management process, strong stakeholder dialogues, and connectivity of information, we continue to deliver products and services designed to create a better world for everyone.

Thrust Areas

-  Energy Conservation
-  Renewable Energy
-  GHG Emission Reduction
-  Water Efficiency
-  Materials Management
-  Increasing Green Portfolio
-  Improving Vendor Sustainability
-  Employee Engagement, Safety and Well-being
-  Community Development – Health, Education, Water & Sanitation and Skill-building



HSE Sensitization Campaign by LTHE Vadodara



Green Building at L&T's Talegaon campus



Micro-grid Project for Rural Electrification in Bihar



Cleaning of 105 Water Bodies by 5000+ L&T Employee Volunteers on World Water Day

Accolades

ICC Corporate Governance & Sustainability Vision Award'

L&T received the highest rating 'ET 4Good' in the annual 'ET 2Good 4Good CSR ratings' powered by The Economic Times. The rating is based on the Company's performance and impact created in CSR in the period 2016-18.

Track Record

2,400+ Million Litres

of rain water harvested annually through the water harvesting structures we have created for society

24

water positive campus and 2 carbon neutral campuses

22%

of revenue from Green products and services

6700

Tons of metal recycled and reused in various operations

367,923

Tons of flyash used

22000+

suppliers have signed our combined code of conduct



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www.Larsentoubro.com

CIN: L99999MH1946PLC004768