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### L&T GROUP AT A GLANCE

- Order Book
  - ₹3,273,539 Mn (↑ by 8%)
- New wins - Order inflow
  - ₹1,754,971 Mn
- PBDIT
  - ₹156,241 Mn (↓ by 4%)
- PAT
  - ₹115,829 Mn (↑ by 21%)
- EPS
  - ₹82.49 (↑ by 21%)
- Group Turnover
  - ₹1,359,790 Mn (↓ by 7%)

- 12 Verticals
- 50+ Countries
- Standalone Debt: Equity Ratio 0.39:1
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 across the construction and hydrocarbon spectrums as well as power plants and equipment. L&T collaborates with global majors for the design and execution of projects, and is a leader in the EPC world.

From infrastructure projects to offshore oilfields to power plants, L&T’s range of EPC solutions is powered by an array of unmatched in-house design-to-delivery capabilities.
CONSTRUCTION

Many landmark projects in India – and increasingly overseas – bear L&T Construction’s indelible stamp of excellence – reflecting a track record spanning several 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. Digitalisation, mechanisation 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.

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

Ranked amongst the top 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’

Key Offerings

- Metros
- Special Bridges
- High Speed Rail
- Nuclear Projects
- Hydel Projects
- Tunnel Projects
- Ports and Harbours

Heavy Civil Infrastructure

The Heavy Civil Infrastructure vertical of L&T Construction undertakes design, engineering and execution of projects in several segments that are critical 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.

L&T’s Heavy Civil infrastructure vertical takes pride in building iconic structures, thus contributing to nation-building.
**Snapshot**

**Key Geographies**

- Saudi Arabia
- India
- Bhutan
- Bangladesh

**New Orders**

9 Projects

- Sitamma Sagar Multipurpose Project
- Mumbai-Ahmedabad High Speed Rail Project – Package C4
- Mumbai-Ahmedabad High Speed Rail Project – Package P4 X & Y
- Delhi-Meerut – Regional Rapid Transit Systems (RRTS) – Package 7
- Dhubri-Phulbari Bridge Project
- Rishikesh – Karnaprayag Rail Link – Tunnel Package 4
- Kudankulam Nuclear Power Project Packages S & 6
- Chennai Metro Phase 2 – ECV 01
- Vikaramashila Setu Bridge Project

**Completed Projects**

2 Projects

- Durgam Chennu Bridge, Telangana
- Singoli Bhatwani Hydro Project

**Track Record (including ongoing jobs)**

- **237 km** High Speed Rail
- **374 km** Metro Projects (Elevated + UG)
- **54 km** Railway Bridges
- **81 km** Road Bridges
- **66 km** Rail / Tunnels
- **79 km** of Hydro Tunnels
- **8** Powerhouse and Caverns
- **11.2 m Dia.** India’s Largest TBM @ MCRP 4
- **8 km** of Berthing Structures
- **3** Shipyard Structures
- **1** Twin Containment Nuclear Reactor in India

**Completed Projects**

- Durgam Chennu Bridge, Telangana
- Singoli Bhatwani Hydro Project

**Completed Projects**

- Durgam Chennu Bridge, Telangana
- Singoli Bhatwani Hydro Project

**Completed Projects**

- Durgam Chennu Bridge, Telangana
- Singoli Bhatwani Hydro Project
L&T Construction’s Water & Effluent Treatment business provides complete solutions through its ‘concept-to-commissioning’ capability covering in-house design, detailed engineering, process know-how, procurement, impeccable project management and seamless execution, extending to virtually every area of the Water, Irrigation and Wastewater spectrum.

**Key Offerings**
- Urban & Rural Water Supply
- Industrial Water Supply
- Water Treatment Plants
- Sewage Treatment Plants
- Effluent Treatment Plants
- Wastewater Collection Network
- Desalination
- Micro & Lift Irrigation Projects
- Water Management
- Smart Water Infrastructure

**Key Geographies**
- India
- Middle East
- Africa
- Sri Lanka

**Snapshot**
50 MLD Water Treatment Plant at Moga, Punjab

130 MLD Water Treatment Plant at Erode, Tamil Nadu

Mukkambu Barrage, Tamil Nadu

New Orders

- Rural water supply: 15
- Urban water supply: 5
- International: 1
- Wastewater: 1
- Large water: 3
- Smart infra: 1
- Industrial: 1

Commissioned Projects: 32

Track Record

- 9.3 Lakh Hectares of land being brought under irrigation
- 7200 MLD of Water Treatment Plants
- 5+ Lakh km Channelized Water and Waste Water Network
- 2100 MLD of Wastewater Treatment Plants
- 95 Million people benefitted
- 7500 Hectares of smart infrastructure being developed
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
- Digital Solutions

Power Transmission & Distribution

A leading EPC player in the field of 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.

- 500 kV HVDC Overhead Line, Kenya
- Containerized Substation at Haliba, UAE
- India’s first large-scale Solar-cum-Storage Project with 8MWh BESS in the Andaman Islands
**Track Record**

- **40,940 km** of Transmission Lines
- **840** EHV Substations Including India’s First **1200 kV AIS** and **765 kV GIS**
- **1,65,710** Major Solar Plants
- **Over 2.8 GWp** of Solar Power Plants

**Commissioned Projects**

- **Middle East**: 15
- **Africa**: 29
- **ASEAN**: 3

**International Orders**

- **Middle East**: 24
- **Africa**: 5
- **ASEAN**: 6

**Domestic Orders**

- **25** Projects

<table>
<thead>
<tr>
<th>Domestic Orders</th>
<th>25 Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distribution Modernization Projects</td>
<td>5</td>
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<tr>
<td>Emerging Area Projects: Tunnel Electrification/OFC Laying</td>
<td>5</td>
</tr>
<tr>
<td>Packages for Building Substation Clusters</td>
<td>3</td>
</tr>
<tr>
<td>Major Solar Plants</td>
<td>2</td>
</tr>
<tr>
<td>Transmission Corridor Projects</td>
<td>10</td>
</tr>
</tbody>
</table>

**Key Geographies**

- India
- Nepal
- ASEAN
- Bangladesh

**Middle East**

- Major Transmission Corridors, (up to 800 kV)
- Households Illuminated: 5,15,109
- Major Substation Projects: 29
- Major Solar Plants: 3

**Snapshot**

- Bangladesh
- Nepal
- ASEAN
- Africa
- Middle East

**Annual Review FY 21**

- **500 kV Surat Thani to Bang Saphan Transmission Line, Thailand**
- **400 kV Gas Insulated Substation, Chennai**

**500 kV Bang Saphan-2 to Surat Thani Transmission Line, Thailand**
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, mechanized 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 overseas markets.

Key Offerings

Airports
Hospitals
Stadiums
Hotels
Institutional Spaces
Data Centres
IT Parks and Office Buildings
High-rise Structures
Mass-housing Complexes
Factory Structures and Cement Plants
Warehousing Facilities
Fast-track Modular Construction
Snapshot

Key Geographies
- India
- GCC
- Sri Lanka
- Mauritius

New Orders 26 Projects
- Health 4
- Public Spaces 5
- IT & Office Spaces 5
- Residential 3
- Factories 6
- International 2
- Fast-track Modular Construction 1

Commissioned Projects
- Hospital Beds 901
- IT Seats 31,800
- Apartment Units 3,760
- Manufacturing Facilities 1

Track Record
- International Airports 11
- Hospital Beds 22,901+
- IT Seats 2,81,800+
- Apartment Units 73,760+
- Manufacturing Facilities 85+
Transportation Infrastructure

L&T’s Transportation Infrastructure business is one of the oldest and largest reputed contractors in India for Engineering, Procurement & Construction of infrastructure projects in the Road, Railway & Airport sectors. The business is broadly divided into two Strategic Business Groups (SBGs), namely, Railways Business Group (RBG) and Roads Runways & Elevated Corridors (RREC).

Well-diversified in terms of its product range, the business leverages its vast experience in Project Management, Engineering Design and Construction Management to achieve international standards of safety, quality and operational efficiency in mega-scale projects spread across India and in targeted geographies overseas. It has Engineering Design centres in Mumbai, Faridabad and Chennai. In addition, it has a Competency Development Centre at Kancheepuram for RBG and a Workmen Training Centre at Ahmedabad for RREC.

Key Offerings

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

Snapshot

Key Geographies

- GCC India
- Bangladesh
- Mauritius
### Snapshot

<table>
<thead>
<tr>
<th>New Orders</th>
<th>9 Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Railway Construction (Track / OHE / S&amp;T)</td>
<td>3</td>
</tr>
<tr>
<td>Roads (Highways / Expressways)</td>
<td>2</td>
</tr>
<tr>
<td>Metro (Track / OHE / S&amp;T)</td>
<td>2</td>
</tr>
<tr>
<td>High-Speed Rail (Civil &amp; Building)</td>
<td>1</td>
</tr>
<tr>
<td>Integrated Transit Systems</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ongoing Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highways</td>
</tr>
<tr>
<td>Runways</td>
</tr>
<tr>
<td>Track Construction</td>
</tr>
<tr>
<td>Electrification</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highways</td>
</tr>
<tr>
<td>Runways</td>
</tr>
<tr>
<td>Track Construction</td>
</tr>
<tr>
<td>Electrification</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Commissioned Projects</th>
<th>6 Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Railway Construction (Track / OHE / S&amp;T)</td>
<td>4</td>
</tr>
<tr>
<td>Roads (Highways / Expressways)</td>
<td>2</td>
</tr>
</tbody>
</table>

- **Project Highlights**
  - Track works, OHE, CBTC Signalling and System Integration at Dhaka Metro
  - Mauritius LRT Phase 1
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, aluminum, copper, zinc and gold 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, Copper, Gold Smelters & Refiners
- Specialty Conveyors
- Material Handling & Mining Equipment

New Orders

Projects

FY 19-20

<table>
<thead>
<tr>
<th>Category</th>
<th>New Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Mega Projects</td>
<td>1</td>
</tr>
<tr>
<td>Crushing Solutions</td>
<td>16</td>
</tr>
<tr>
<td>Surface Miners</td>
<td>14</td>
</tr>
<tr>
<td>Domestic Projects</td>
<td>8</td>
</tr>
<tr>
<td>Sand Plants</td>
<td>7</td>
</tr>
<tr>
<td>Material Handling Equipment</td>
<td>3</td>
</tr>
</tbody>
</table>

Value: 75,050 Mn

Commissioned Projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Handling Plants</td>
<td>3</td>
</tr>
<tr>
<td>Sand Plants</td>
<td>6</td>
</tr>
<tr>
<td>Crushers</td>
<td>5</td>
</tr>
<tr>
<td>Surface Miners</td>
<td>12</td>
</tr>
</tbody>
</table>

Key Geographies

- Middle East
- North Africa
- India
- North Africa
- Middle East
- India

Track Record

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blast Furnaces</td>
<td>10</td>
</tr>
<tr>
<td>Tonnes of Hot Metal (Iron Making)</td>
<td>30 Mn</td>
</tr>
<tr>
<td>Coke Ovens</td>
<td>7</td>
</tr>
<tr>
<td>Steel Melt Shops</td>
<td>4</td>
</tr>
<tr>
<td>Hot Strip Mills</td>
<td>5</td>
</tr>
<tr>
<td>Mineral Beneficiation Plants</td>
<td>13</td>
</tr>
<tr>
<td>Al/Zn Smelter Refinery Plants</td>
<td>8</td>
</tr>
<tr>
<td>Material Handling Plants</td>
<td>103</td>
</tr>
<tr>
<td>of Conveyors</td>
<td>489 Km</td>
</tr>
<tr>
<td>Stockyard Equipment</td>
<td>154</td>
</tr>
<tr>
<td>Wagon Tippers</td>
<td>124</td>
</tr>
<tr>
<td>Ash-handling Plants</td>
<td>8</td>
</tr>
<tr>
<td>Crushers</td>
<td>1000+</td>
</tr>
<tr>
<td>Sand Plants</td>
<td>38</td>
</tr>
<tr>
<td>Surface Miners</td>
<td>80</td>
</tr>
</tbody>
</table>
L&T GeoStructure

This business vertical specialises in executing geostructures like piling, diaphragm walls, embedded retaining structures, ground improvement works for projects across sectors comprising marine and intake structures, dams and bridges. The business has unique expertise in plastic concrete design and execution of deep diaphragm walls. It engages in consultative selling by providing alternative designs and cost-effective solutions with the help of a robust in-house design team. It has a large fleet of high-end hydraulic rigs, RCD rigs, trench cutters, various capacity vibro-hammers and other ground engineering equipment to execute challenging projects, both in terms of complexity and time.

Key Offerings

- Large diameter bored and driven piles
- Stone columns and vibro-compaction
- Marine structures
- Cut-off walls
- Basement structures
- Composite dams
- Multi-cellular intake structures
- Water retaining geo-structures
- Flood protection works

Snapshot

- **New Orders Secured**: 5
- **Ongoing Projects**: 20
- **Commissioned Projects**: 2

Cut and cover section at Korukkupet - UAA 09
CMRL- Korukkupet Station

RCD Piling at MTHL, Mumbai
Basement work with slurry wall for Indusind Bank at Chennai
HYDROCARBON

L&T Hydrocarbon Engineering (LTHE), a wholly-owned subsidiary of L&T, offers integrated ‘design-to-build’ solutions for complex onshore and offshore hydrocarbon projects across multiple geographies. Its track record includes simultaneous execution of multiple, complex, large-value projects meeting stringent delivery schedules, quality and safety norms. LTHE’s in-house capabilities are complemented by partnerships with global leaders, while its competitive strengths in project management, engineering, procurement, fabrication, manufacturing, construction, installation and commissioning, combined with best-in-class HSE standards, enable it to consistently deliver on all parameters.

For LTHE, safety remains a core value and the Company continued to deliver a strong HSE performance across domestic and international projects, remaining firmly committed to its ‘Mission Zero Harm’. During FY 2020-21 it set new benchmarks in HSE by:

- Achieving LTI frequency rate of 0.06 against an industry average of 0.13 (OGP for Construction Activity 2019-20)
- Receiving 17 HSE awards from prestigious industry bodies and forums domestically and internationally
- Receiving 16 Certificates of Appreciation from clients for HSE performance and project safety milestones
- Running effective COVID-19 Prevention campaigns and adopting a slew of precautionary measures across offices, manufacturing yards, project sites
- Implementing e-PTW and Incident Management software to further digitalise HSE operations

Key Businesses

- Offshore
- Onshore
- Construction Services
- Modular Fabrication
- AdvVENT (Advanced Value Engineering & Technology)

Key Geographies

- North America
- Middle East
- Africa
- India
- ASEAN

New Orders

<table>
<thead>
<tr>
<th>Projects</th>
<th>Offshore</th>
<th>Onshore</th>
<th>Construction Services</th>
<th>Modular Fabrication</th>
<th>AdvVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Completed Projects

<table>
<thead>
<tr>
<th>Onshore</th>
<th>3 (FY 20-21)</th>
</tr>
</thead>
</table>

Snapshot

- Value: ₹ 177,294 Mn
  (USD 2,389 Mn)

*Project Value > ₹ 50 Mn
**Offshore**

The Company undertakes FEED and EPCIC projects encompassing the entire hydrocarbon value chain – from oil & gas production to processing. Its comprehensive engineering capabilities span 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 installation, ensuring on-time completion of projects.

### Key Offerings

- Process complexes and wellhead platforms
- Gas compression modules
- Subsea pipelines and systems
- Brownfield and upgradation projects
- Living quarters platforms
- FPSO modules and jack-up rigs
- Decommissioning solutions
- Deepwater subsea manifolds and structures
- Offshore wind farms
- Transportation and installation services

### Track Record

- **New Process Platforms**: 10
- **Wellhead Platforms (Jacket + Topside)**: 75
- **Wellhead Topsides**: 25
- **Wellhead Jackets**: 28
- **Gas Compression Modules**: 17
- **Subsea Pipe Laying**: 1258+ km
- **Jack-up Rigs Refurbishment**: 4
- **Platform Modifications**: 230
- **FPSO Topsides (Engineering)**: 8
- **Living Quarters**: 10
- **Deepwater Projects**: 2

**Onshore**

The Company has in-house FEED, process and detailed engineering, procurement, fabrication, construction and commissioning (EPCIC) capabilities built over three decades, delivering execution excellence for its customers worldwide. It has experience in executing projects based on technologies from leading global process licensors and also undertakes projects on a License + EPCIC package basis, depending on the client’s 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 projects

### Track Record

- **Petroleum Refining Units**: 50+
- **Oil & Gas Processing Projects**: 21
- **Petrochemical Complexes**: 2
- **Petrochemical Units**: 10
- **Cross-country Pipelines**: 6,500+ km
- **Cryogenic Storage Systems**: 9
- **Cracking Furnaces and Reformers**: 83

*Delivered and installed two oil PDMs and associated facilities in Zuluf Fields, Saudi Arabia*

*Haliba Field Development Project for Al Dhafra Petroleum, UAE*
The Company 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. It offers innovative construction solutions with cutting-edge technology. Further, it has a large asset base of construction equipment and an impressive track record in providing customised 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.

Construction Services

The Company 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. It offers innovative construction solutions with cutting-edge technology. Further, it has a large asset base of construction equipment and an impressive track record in providing customised 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.

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
Modular Fabrication

The Company offers comprehensive Modular Solutions from its world-class Modular Fabrication Facilities, backed by rich and extensive experience in project management, project engineering, procurement and installation / construction, testing and pre-commissioning - primarily in both offshore and onshore domains of the entire value chain of the oil & gas sector. These Modular Fabrication Facilities, equipped with state-of-the-art infrastructure and machinery for operations, coupled with robust QHSE performance, are strategically located at Visakhapatnam (India’s east coast) and Sohar (Oman). They have a combined annual capacity in excess of 200,000 MT (depending on the product mix) and are accredited with global certifications and pre-qualifications from oil & gas majors. These all-weather waterfront facilities with their captive load-out jetties offer year-round delivery of complex, large and heavy modules on ocean-going vessels and barges providing logistical flexibility, on-time delivery and cost competitive solutions.

LTHE recently augmented its manufacturing strengths by opening a new integrated manufacturing facility at Jubail in Saudi Arabia to cater to the local market.

Key Offerings

- Offshore structures and modules for oil & gas projects
- Onshore structures & process modules
- LNG modules
- Foundations and modules for offshore wind farm projects
- Deepwater subsea structures
- Modular specialty furnaces
- Jack-up rigs and MOPU
- Preassembled Electric Sub-station Buildings (PESB) and E&I houses

AdVENT (Advanced Value Engineering & Technology)

AdVENT is an incubator vertical established to foster new business lines and technologies, to make the Company future-ready. AdVENT adds four new dimensions to the Company in the areas of new energy, modular solutions, cutting-edge hydrocarbon technologies and smart differentiated O&M solutions for the hydrocarbon industry.

Leveraging its expertise in high-end engineering and execution of large-scale, technologically complex EPC projects over several decades, and collaborating with esteemed R&D centres, renowned institutions and high-tech and core-tech start-ups, AdVENT strives to deliver comprehensive customer-centric solutions for the entire value chain of the hydrocarbon and emerging industries. Core competency developed by AdVENT in engineering of cryogenic and thermal high temperature systems enables large EPC project execution. AdVENT’s technical capabilities and agility enable it to offer highly customised solutions.

It actively participated in the MoPNG task force for developing the digitalisation roadmap for E&P sector, and contributed to formulation of the final recommendations. The business was chosen as a consultant by a state-owned oil & gas major for building a demo plant based on its proprietary technology for high-end refining process and catalyst.

Key Offerings

- Full-spectrum engineering solutions
- Technology co-development and commercialisation
- Strategic project delivery
- Modularisation solutions for process units and thermal systems
- Digitally-enabled O&M and asset management solutions
- New energy (hydrogen, bio-fuels, carbon capture / utilisation, waste-to-value solutions)
- Emerging technology-driven solutions and innovative business models
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 and Faridabad.

Key Offerings

Complete and package-wise EPC solutions for Power Plants:
- Coal-fired
- Gas-based
- Nuclear Steam Turbine & Generator Island

Air pollution control:
- Flue Gas Desulphurisation (FGD)
- Selective Catalytic Reduction (SCR)
- Electrostatic Precipitators

Track Record

EPC of Power Plants
17,500+ MW

Projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Contracts</td>
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<tr>
<td>Commissioned</td>
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</tr>
<tr>
<td>Ongoing</td>
<td>15</td>
</tr>
</tbody>
</table>

Partners

L&T-MHI Power Boilers Private Limited
This JV with Mitsubishi Power, Japan, engineers, designs, manufactures, erects and commissions ultra-supercritical and supercritical boilers.

L&T-MHI Power Turbine Generators Private Limited
This JV with Mitsubishi Power and Mitsubishi Electric Corp. Japan, engineers, designs and manufactures ultra-supercritical and supercritical turbines and generators.

L&T-Sargent & Lundy Limited
This 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
This JV with the Howden Group manufactures axial fans and air preheaters.
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.

L&T has established a reputation for the manufacture of a wide range of high-end technology, engineered-to-order equipment and systems for core industrial sectors. In-house R&D, collaborations with international majors, a dedicated engineering talent pool, global procurement setup 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 accreditations and certifications affirm L&T’s manufacturing prowess.

**HI-TECH MANUFACTURING**

Heavy Engineering  
Machinery & Industrial Products  
Construction & Mining Machinery  
Defence  
Valves

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.
HEAVY ENGINEERING

L&T Heavy Engineering is recognized as one of the world’s top 3 heavy equipment fabricators. Its strengths include in-house design & engineering, state-of-the-art fully-integrated digitally enabled 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 process plant sector (refinery, fertiliser, petrochemicals) and nuclear power industries. Dedicated engineering, procurement, project management and construction teams of our Modification, Revamp and Upgrade (MRU) business offer technology-driven, quick turnaround solutions for process plants. Safety is core and integral to every phase of our operations. The business manufactures equipment conforming to international standards of quality. All manufacturing facilities are digitally enabled with advanced application of Industry 4.0 solutions in engineered-to-order manufacturing. This helped us to ensure uninterrupted customer service to maintain our On Time Delivery track record despite COVID-19 pandemic.

Key Offerings

- Hydrocracker, ethylene oxide and clean fuel reactors
- Renewable diesel reactor
- FCC reactor and regenerator package
- Coke drums
- Molten salt-bath reactor
- Titanium-cladded oxidation reactor
- Ammonia and methanol converters
- Urea stripper & reactor, carbamate condenser
- Waste heat boiler package
- HP heat exchanger
- Nuclear power equipment:
  - Steam Generator and Pressuriser
  - End Shields
  - Fusion Reactor (ITER)
  - Spent Fuel Canisters & Casks
- Modification, Revamp and Upgrade (MRU)
- Critical Piping Spools

Snapshot

Key Geographies

- Europe
- Asia
- North America
- Africa
- South America
- Oceania

Presence in 49 countries

Manufacturing Facilities

3
**New Orders**

<table>
<thead>
<tr>
<th>Category</th>
<th>Value (Mn)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Value</td>
<td>₹ 38,702</td>
</tr>
<tr>
<td>Domestic</td>
<td>₹ 26,360</td>
</tr>
<tr>
<td>International</td>
<td>₹ 12,342</td>
</tr>
</tbody>
</table>

**Awards and Recognition**

- CII Champions’ Trophy – Breakthrough Category
- Qimpro – Process Innovation Award under MRU Services provided to Customer

**Track Record**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>World’s Longest Column for Reliance Industries, India</td>
<td>121 m</td>
</tr>
<tr>
<td>World’s Heaviest LC-MAX Reactors</td>
<td>2313 MT</td>
</tr>
<tr>
<td>World’s Heaviest Coke Drum - 4 drums supplied to Marathon Petroleum Corporation, Garyville Refinery, USA</td>
<td>645 MT</td>
</tr>
<tr>
<td>ARDS Reactors (Cr-Mo-V) weighing around 9744 MT (609 MT each) dispatched to ADNOC, UAE</td>
<td>16</td>
</tr>
<tr>
<td>World’s Largest Tubular Reactor for Equate, Kuwait</td>
<td>1500 MT</td>
</tr>
<tr>
<td>The Cryostat - world’s largest stainless-steel, high-vacuum pressure chamber weighing 3,850 MT for ITER, France</td>
<td>29.4 m Diameter</td>
</tr>
</tbody>
</table>

**Nuclear Sector**

- 12 Steam Generators (SGs) from NPCIL for the prestigious 3 x 700 MWe Pressurized Heavy Water Reactor (PHWR)
- Fleet order for reactor headers and pressurisers for GHAVP 1 & 2 Units

A total of 28 critical reactors, 14 critical heat exchangers and 53 critical equipment
L&T Special Steels & HeavyForgings

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.

Key Offerings

- Custom-built heavy forgings and thick plates in carbon steels, alloy steels and stainless steels
- Critical heavy forgings and plates for steam generators and other equipment for Nuclear Plant
- Facility approved and certified
- Heaviest ingot made in India > 200 MT for the nuclear sector
- Reference List of 500+ shells and tube sheets for the nuclear and hydrocarbon sectors
- Thickest ring for the nuclear sector
- Thickest forgings for ITER Project
- Heaviest Forged Shell Made in India 74 MT for Hydrocarbon Sector
- National Award for Indigenous Development of SG Forgings: Technology Development Board (TDB), GOI
- National Sustainability Award: Ferrous Category - Indian Institute of Metals
- Top OTR tyre-curing machinery manufacturer in the world
- Successful acceptance of new-generation hydraulic tyre curing presses and Zeus OTR tyre-building machine
- Successful launch of Zeus single-stage two-wheeler tyre-building Machine
- Value-added programming and analytical services for the tyre industry

Snapshot

- New Orders: 67
  - Value: ₹ 1,210 Mn
  - Tonnage: 5000 MT

- Key Achievements
  - Top OTR tyre-curing machinery manufacturer in the world
  - Successful acceptance of new-generation hydraulic tyre curing presses and Zeus OTR tyre-building machine
  - Successful launch of Zeus single-stage two-wheeler tyre-building Machine
  - Value-added programming and analytical services for the tyre industry

Reference List of 500+ shells and tube sheets for the nuclear and hydrocarbon sectors
CONSTRUCTION & MINING MACHINERY

L&T’s Construction & Mining Machinery business has completed 75 years of active association and glorious contribution to the industry. A pioneer in the Indian construction and mining machinery industry, L&T supplies equipment to the infrastructure, irrigation and mining sectors. Its comprehensive range of high-quality and reliable equipment matches global performance standards.

Key Offerings

Machines
- 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
- Surface Miners
- Sand Plants
- Crushing Solutions
- Piling Products

Special Attachments
- Rock Breakers & Breaker Rooms
- Crusher Buckets
- Slope Compactor
- Quick Couplers
- Piling Products

Snapshot

Products marketed for
- Komatsu – India & Global
- Scania CV India Private Limited
- L&T Construction Equipment Limited
- Larsen & Toubro Limited – Kansbahal Works

New Launches
- Komatsu PC3000 electrical shovel, the largest-size machine supplied by Komatsu in 300-tonne class in the Indian market, was assembled and commissioned at site despite the COVID-19 constraints.
- Komatsu WA470-6 side discharge loader
- Special attachment slope compactor, produced indigenously by LTCEL

Under the machine care programme, L&T launched Suraksha 10000 and Kavach-7500 for Komatsu PC210-10M0 Hydraulic Excavator.

Milestones

Across 75 years, L&T has supplied over 60,000 machines to the Indian market, including excavators, loaders, dozers, graders, dumpers, tippers, compactors and others of various brands and capacities.

Komatsu PC210-10M0 Hydraulic Excavator crossed the 1000-number mark and became the most successful model and fastest-selling machine in the construction equipment segment.

Komatsu’s mining models have crossed significant milestones during the year -
- HD785 Dump Trucks - 60,000 Hrs
- PC2000 Hydraulic Excavators - 50,000 Hrs
- PC1250 Hydraulic Excavators - 50,000 Hrs

L&T Product Development Centre

This in-house R&D Centre at Coimbatore is staffed with highly-skilled and experienced design engineers. The Centre is involved in the design and development of a range of products with innovative technology and rapid prototyping.

Track Record

75+ years
- of experience
- machines active in the market

6
- Service Centres for machine repair
- Wide range
- of models in each product category

Subsidiary

L&T Construction Equipment Limited (LTCEL), a wholly-owned subsidiary of L&T, manufactures indigenously designed road construction equipment and high-precision hydraulic systems and components at its factory near Bengaluru.
DEFENCE

L&T partners the DRDO and the 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 & engineering systems, aerospace solutions and naval ships, helping the Armed Forces gain the decisive edge.

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.

Key Offerings

Guns and Armoured Systems
Missiles and Aerospace Systems
Avionics, Sensors and Robotics
Submarines and Underwater Platforms
Weapon and Engineering Systems
Unmanned Systems
Radar Systems

Snapshot

Key Geographies

Europe
Israel
India
South East Asia

Manufacturing Facilities in India

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, combat engineering 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.

L&T has provided critical subsystems for most of India’s space missions.
Defence Shipbuilding

L&T offers a range of ocean-going vessels for defence including frontline warships, submarines, auxiliary vessels and special naval platforms. L&T’s 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
- Submarines
- Auxiliary Vessels
- Special Naval Platforms

Snapshot

Facilities

- Shipyards: 2

Delivered Orders (FY 20-21)

- Interceptor Boats: 3
- Offshore Patrol Vessels: 1

VALVES

L&T Valves Limited, a wholly owned subsidiary of L&T, is a leader in flow-control solutions. Leveraging its global manufacturing footprint and a heritage for excellence that spans six decades, the Company offers unmatched customer satisfaction. The product portfolio comprises monogrammed API 600, API 594, API 6D, API 609 and API 603 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
Pipeline & Process Ball Valves
Triple-offset & Elastomer-lined Butterfly Valves
DBB Plug Valves
Control Valves
SIL3-capable Automation Solutions including HIPPS
Digital Products & Solutions
Aftermarket Solutions
Knowledge-sharing Programmes

Sectors Served

- Oil & Gas
- Power
- Defence
- Refining
- Nuclear
- Aerospace
- Petrochemicals
- Fertiliser
- Chemicals
- Pipelines
- Pharmaceuticals
- Water

Manufacturing Locations

- USA
- Saudi Arabia
- India

Snapshot

Offshore Patrol Vessel for Indian Coast Guard

Track Record

- Celebrating 59 years of excellence
- Valves in operation in 61 countries
- Approved and accepted by global majors in the oil, gas and power sectors
Larsen & Toubro has over three decades of experience in the service sector, offering solutions, including technology-based ones, in several vital areas. Its smart world and communication services help to protect citizens from natural calamities and crime, and assist the military. Setting the gold standard in the sector, L&T’s realty business undertakes timely delivery of prime commercial and residential spaces. L&T’s information technology solutions comprise cutting-edge solutions at the convergence of the physical and digital worlds. The Company’s technology services cover a wide spectrum of ER&D solutions for global clients, enhancing efficiency and cost-effectiveness. L&T’s financial services business offers a wide range of both lending and non-lending-based financial products, benefitting over 15 million customers.

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.
LTI, a global technology consulting and digital solutions company, delivers best-in-class experience in the new normal and continues to solve complex problems across industries.

With a sharp focus on Data, Cloud and Digital, LTI anticipates and leads the change to be always in the leader’s quadrant for profitable growth, driven by its new ways of working and innovative solutions like xFH, SafeRadius, Canvas and Infinity Cloud Platform.

LTI’s Yin-Yang model is helping the Company adopt hybrid working at scale to respond to the challenges posed by the pandemic and changing paradigms. LTI’s responsible initiatives towards energy efficiency and natural resource management, society and community support, DEI (diversity, equity and inclusivity), strong data privacy and security allow it to focus on Environment, Social and Governance (ESG) parameters to drive sustainability across the value chain.

Key Recognitions

Ranked the fastest growing brand in Brand Finance IT Services 25 2021 ranking
Ranked 75th in Business India’s Super 100 Annual Rankings
Topped the list of ‘IT Services Challenger 2021’ in Everest Group’s PEAK Matrix Service Provider of the Year™ Awards
Recognised as a Top Employer 2021 in the UK by the Top Employers Institute
Recognised as the ‘Great Place to Work’ 2021 in the USA
Conferred the Golden Peacock National Quality Award 2021
Leads the Institutional Investor’s 2021 All Asia Executive Team Ranking

Track Record

6th Largest Indian IT Player
35,000+ Employees Working out of 35 Delivery Centres
425+ Clients including 71 Fortune 500 Companies
7 Acquisitions since listing
  • Poweupcloud Technologies
  • Lymbyc
  • AugmentIQ
  • Syncords
  • Ruletronics
  • NIELSEN+PARTNER
  • Cuelogic

Key Geographies

54 Sales Offices across 31 Countries in the US, EMEA & APAC

Solving for the Great Restructuring

LTI is leveraging new-age technical approaches to enable solutions and accelerators for new operating models, direct-to-customer initiatives, workplace modernisation, and enhanced security and privacy.

Industry-relevant themes
  • Unlimited enterprise – to enable modernisation and transformation
  • Insightful enterprise – to democratise data and democratised decisions
  • Reimagined enterprise – to enable a modern and simplified core reimage processes
  • Engaged enterprise – to engage employees and customers

Proven platforms: Mosaic, Canvas, Leni
Partnerships for Cloud: AWS, Azure, GCP, IBM, Snowflake and more
Mindtree

Mindtree (NSE: MINDTREE) is a global technology consulting and services company, helping enterprises marry scale with agility to achieve a competitive advantage. 'Born digital,' in 1999 and now a Larsen & Toubro Group Company, Mindtree applies its deep domain knowledge to well over 250 enterprise client engagements, helping them break down silos, make sense of digital complexity, and bring new initiatives to market faster. Mindtree enables IT to move at the speed of business, leveraging emerging technologies and the efficiencies of continuous delivery to spur business innovation. As a leader in digital transformation, Mindtree helps deliver cutting-edge services and solutions to customers across industry sectors such as Communications, Media and Technology (CMT), Retail, CPG and Manufacturing (RCM), Banking, Financial Services and Insurance (BFSI), Travel, Transport and Hospitality and Healthcare. Operating in 24 countries across the world, Mindtree is consistently regarded as one of the best places to work, powered by the Company’s winning culture made up of over 32,000 (as of September 30th, 2021) entrepreneurial, collaborative and dedicated Mindtree Minds.

Key Offerings

Customer Success
Mindtree delivers insightful digital experiences in an agile, secure, and resilient manner. The Company’s deep-rooted digital engineering expertise and fluency with AI-based tools enable it to scale-up at non-linear costs. By applying analytics and cutting-edge technologies, Mindtree helps leading brands enhance customer experience, and go to market with the right offerings, to the right audience, at the right time.

Data and Intelligence
With an optimal mix of AI and human intelligence, Mindtree provides analytical solutions that convert data into actionable insights. The Company helps clients implement and realize the right data strategy to drive improved business outcomes. From conceptualizing data strategy, to identifying the right use cases for AI and analytics and implementing appropriate data architecture, Mindtree provides end-to-end data services and helps deliver value.

Cloud and Infra
Mindtree partners with customers in their cloud transformation journeys, helping them evaluate their existing technology landscape, establish the end-state view, move to cloud, operate efficiently, and unlock value using Application Programming Interfaces (APIs) and cloud-native development. The underlying objective is to make IT steadfast, secure, cost-effective, adaptive, and outcome-driven.

Enterprise IT
At the center of Mindtree’s Enterprise IT service line lies the determination to enable clients to transform their technology ecosystems. The Company aims to deliver zero-cost transformations in a steady manner, via deploying new-age monitoring and support systems. This is made possible by its intelligent platforms that automate the entire IT service delivery lifecycle.

Consulting
Mindtree accelerates transformation at the intersection of business, technology, and experience. It drives growth by solving complex business problems swiftly, via a design-centric, agile, and platform-driven method. Mindtree helps clients tackle the present and focus on what’s next, delivering outcomes by combining its service and consulting expertise.

Key Geographies

Mindtree operates in 24 countries across the world, with 42 offices established in various regions such as USA, Canada, UK, France, Ireland, Netherlands, Germany, Sweden, Poland, Switzerland, Singapore, India, UAE, Malaysia, China, Japan, South Africa, Australia, and more.

Accolades

- Named among 40 customer analytics service providers in Forrester’s ‘New Tech: Customer Analytics Service Providers, Q2 2021’ report.
- Ranked second for client satisfaction in the 2021 UK IT Sourcing Study, conducted by Whitelane Research in collaboration with PA Consulting, with an overall satisfaction score of 80%, well above the industry average of 72%.
- Ranked amongst the top 5 companies in India with the highest ESG (Environmental, Social and Governance) scores in an evaluation by CRISIL Ltd. that analyzed three annual reporting cycles of 225 companies across 18 sectors through fiscal 2020.
- Won the BW Businessworld HR Excellence Award 2021 for employee welfare.
- Honored by the Association for Talent Development (ATD) with BEST awards for demonstrating enterprise-wide success as a result of employee talent development.
- Certified by Great Place to Work® Institute as a Great Place to Work® in India and recognized as one among India’s Best Workplaces™ for Women for 2021 (Top 50 – Large Companies).
- Won three Brandon Hall Group Human Capital Management Excellence Awards for 2021 for innovative leadership development, HR data analytics, and employee benefits, wellness and well-being programs.
L&T Technology Services Limited (LTTS) is a leading global pure-play Engineering Research & Development (ER&D) services company. It offers design and development solutions throughout the product development lifecycle, and provides services and solutions in the areas of digital products and services, digital manufacturing services, plant engineering, application engineering, mechanical and embedded systems. LTTS offers specialized services and solutions in new-age technology areas such as Electric Autonomous Connected Vehicles (EACV), 5G, Digital Manufacturing, AI/ML driven Smart Offerings, Sustainability and Medtech. LTTS’ customer base includes 69 Fortune 500 companies and 57 of the world’s top engineering research and development (ER&D) companies, across transportation, industrial products, telecom & hi-tech, medical devices and plant engineering.

Key Offerings

LTTS has strategically aligned its offerings to support customers in the ‘new normal’. These offerings include:

**Electric Autonomous Connected Vehicles (EACV):** New technologies, changing consumer preferences and increased regulation is reshaping the automotive industry. LTTS’ innovations in the EACV segment, is helping clients develop cutting-edge transportation technologies.

**5G:** The fifth generation of telecom services is set to revolutionise the way LTTS looks at connectivity. LTTS has developed several accelerators and automation frameworks and is well-poised to reduce customer’s time-to-market, thereby helping them stay ahead of the curve.

**Digital Manufacturing:** New social distancing norms call for digital prototyping and manufacturing with minimal contact to support both the economy and society at large. LTTS’ Industry 4.NOW digital framework empowers manufacturers to tackle the new set of challenges in the post-pandemic world.

**AI/ML driven Smart Offerings:** AI/ML-driven offerings are opening untethered possibilities for continued business growth. Armed with these technologies, LTTS is pushing the frontiers of innovation and creating new possibilities for a smarter world.

**Sustainability:** With the vision of building a sustainable world, LTTS is helping its customers expand the use of renewable energy, drive water conservation measures, reduce carbon emissions and develop Net Zero products.

**Medtech:** Emergence of technology-based use cases, adoption of key healthcare policies, and shifts in consumer behaviour are disrupting the healthcare industry. With years of innovation expertise and 50+ patents in the healthcare domain, LTTS provides a host of offerings to help providers and OEMs to tap into these emerging technologies in the new normal.

Track Record

- **69** Fortune 500 Companies as customers
- **#1** pure-play ER&D services provider from India since listing in 2016
- **90%** repeat business from customers over last 3 years

Key Geographies

- **72** R&D Labs
- **28** Global Offices
- **17,900+** Employees

Engineering Excellence

- Robotic Endo-Trainer Kit
- State-of-the-art Electric Vehicle (EV) Lab
- Integrated 3D Plant Digitisation Centre of Excellence
- AI-based chest X-Ray analysis system, Chest rAI™
- Solar Connectivity Drone
- Built world’s first autonomous welding robot
- Designed India’s first affordable blood cell counter

Industry Recognition

- Everest Group positioned LTTS as a leader in Industry 4.0 services in its PEAK Matrix® Assessment 2020
- Zinnov Zones rated LTTS as a leader across Digital Engineering, IoT, AI and Digital Thread and positioned LTTS in the Leadership zone in 6 major verticals for the fourth consecutive year
- ISG Group rated LTTS as Leader in Smart Manufacturing services for Automotive & Hi-Tech
L&T Smart World & Communication (SW&C) is committed to enhancing the quality of life through technology and digital interventions. As a master system integrator, the business provides technical solutions and services in the domains of Safe, Smart, Communication and Digital Technologies. SW&C leverages its technical prowess to solve problems through smart, scalable solutions for security, urban services, traffic, transportation, utilities and offers solution in the space of communication and digital connectivity. The business is playing a crucial role in COVID relief through its smart technological and innovative solutions in various cities across the country.

The Military Communication segment offers Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) systems and Satcom solutions that empower military forces with the most advanced fully integrated systems to enhance their decision-making capability and, in turn, to increase their operational effectiveness.

With a diversified team of more than 800 professionals, including IOT engineers, data scientists, domain experts, cyber security experts, project management and operations professionals, the business has successfully implemented and is maintaining operations in more than 25 cities in the country, and has digitally enabled 13 states through various Government programmes. The business is executing the advanced metering infra for 50 lakh smart meters in U.P, Haryana and New Delhi.

The business is focusing on enhancing its services and solutions offerings further in next-gen technology areas – artificial intelligence, picture intelligence, facial recognition, cyber security, smart energy, machine learning, etc.

SW&C has launched L&T Fusion – an augmented intelligence platform to solve problems of cities, law enforcement agencies and critical infra. This initiative will help the business to transform into a thought partner for cities and law enforcement agencies through continuous problem-solving by leveraging IoT, AI and mobility technologies.

The Centre of Excellence team at Hyderabad, coupled with the Technology Excellence Centre at Chennai and the R&D facility at Bengaluru, is developing new-age solutions such as energy analytics, edge-based video solutions, network management system, TETRA and 5G.

### Key Offersings

**Smart Cities and Smart Infrastructure**

**Advanced Metering Solutions**

**Safe Cities**

**Communication Network and Telecom Infra**

**Cyber Security**

**Military Communication Systems**

### Snapshot

**Key Locations**

- Jaipur
- Nagpur
- Hyderabad
- Ahmedabad
- Vadodara
- Pune
- Mumbai
- Delhi
- Lucknow
- Raipur
- Allahabad
- Bhubaneswar
- Visakhapatnam
- Chennai
**New Orders**

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe City</td>
<td>1</td>
</tr>
<tr>
<td>Communication Network</td>
<td>1</td>
</tr>
<tr>
<td>Critical Communication</td>
<td>1</td>
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</tbody>
</table>

**Commissioned Projects**

<table>
<thead>
<tr>
<th>Project Type</th>
<th>FY 21</th>
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<tbody>
<tr>
<td>Smart Cities</td>
<td>2</td>
</tr>
<tr>
<td>Safe City</td>
<td>1</td>
</tr>
<tr>
<td>Metro Communication</td>
<td>1</td>
</tr>
<tr>
<td>Critical Infra Security</td>
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<tr>
<td>GSAT Projects</td>
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**Track Record**

<table>
<thead>
<tr>
<th>Projects Description</th>
<th>Quantity</th>
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<tr>
<td>45 Projects</td>
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**Highlights**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>CCCs / DCS</td>
<td>25+</td>
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<tr>
<td>Smart Meter AMI</td>
<td>1.5 Mn</td>
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<tr>
<td>CCTVs</td>
<td>32,000+</td>
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<tr>
<td>Access Points</td>
<td>22,000+</td>
</tr>
<tr>
<td>Variable Message Displays</td>
<td>1,000+</td>
</tr>
<tr>
<td>ICT for Schools/Colleges</td>
<td>6,000+</td>
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<tr>
<td>GPs GPON Connectivity</td>
<td>12,000+</td>
</tr>
<tr>
<td>ATCS &amp; ITMS</td>
<td>750+</td>
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</table>

**Smart World & Communication | SERVICES**

- Jhansi Smart City, Integrated Command & Control Centre
- Data Centre, Hyderabad
- Smart Pole, Vizag
- Early Warning Dissemination System, Gobha
L&T Realty specialises in the execution of large residential, mixed-use, and transit-oriented developments. Today, after a decade in the real estate business, it is one of the most trusted brands and is respected for its customer centricity and efficient design. The true reflection of consumer focus comes from insight-driven master planning and product development. The business derives its competitive advantage from transparency, cutting-edge technologies, and superior project management skills – to create landmarks that meet global standards. Amongst the 120 plus awards and accolades, L&T Realty was conferred the ‘Best Consumer Centric Company’ from Customer FEST leadership Awards 2020.

**Key Offerings**
- Mixed-use integrated developments
- Transit-oriented developments
- Residential complexes
- Commercial and retail spaces
- Built-to-suit projects

**Key Locations**
- Mumbai and Navi Mumbai
- Bengaluru
- Chennai
- Hyderabad
- Faridabad

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

**Development Portfolio**
- Total Development: 70 mn. sq. ft
- Residential: 47 mn. sq. ft
- Commercial & Retail: 23 mn. sq. ft
Projects
- 51,000 Apartments
- 3,000 Office Desks
- 1,05,00,000 sq.ft. Specialised Luxury Retail

Track Record
- 13+ Large, Gated and Mixed-use Developments
- 10,000+ Slum-dwellers Rehoused
- 120+ Domestic and International Awards
- 16,500 Happy Families

Key Awards
- Best Reality Brand - Economic Times, 2021
- Business Excellence in Real Estate - CNN News 18, 2020
- Most Trusted Brand - Hindustan Times, 2020
L&T Finance Holdings (LTFH) is a leading, well-diversified Non-Banking Financial Company (NBFC) with a focused range of financial products and services across rural, housing and infrastructure finance, along with mutual funds. L&T Financial Services is the brand name of LTFH.

Over the past few years, the Company has successfully harnessed the power of digital and data analytics to enhance portfolio quality, achieve scale, increase cost efficiency and build market leading products. The idea of social responsibility to empower the less privileged and enhance their livelihoods is at the heart of the Company’s corporate culture. The Company also takes its ESG responsibility seriously and certified a constituent company in the FTSE4Good Index Series, two times in a row.

L&T Financial Services remains committed to creating sustainable value for all stakeholders.

### Key Offerings

**Lending Businesses**
- Rural Finance
- Farm Equipment Finance
- Two-Wheeler Finance
- Micro Loans
- Consumer Loans
- Home Loans
- Loan against Property
- Real Estate Finance
- Infra Finance
- Infra Debt Fund

**Non-Lending Business**
- Investment Management
- Mutual Fund

**Housing Finance**
- Retailisation

### Awards
- Golden Peacock Award for Corporate Social Responsibility, 2020
- FICCI Corporate Social Responsibility Award for Women Empowerment, 2020
- Business Standard Social Excellence Award 2019 Most Socially Aware Corporate of the Year (March 2020)

### Credit Ratings
- Rated AAA by four rating agencies:
  - CRISIL
  - ICRA
  - CARE
  - India Ratings

### ESG Rankings
- MSCI ESG Ratings – A
- FTSE4Good Index Series – Certified as a constituent company
- Sustainalytics – 28.2: Medium risk of experiencing material financial impacts from ESG factors

### Snapshot

**Nationwide Presence**
- 197 Branches
- 1,395 Meeting Centres

**Track Record**
- ₹ 9,40,130 Mn Book size
- 111+ Lakh Customer base

**Market Share**
- Increased market share to become one of the largest Farm Equipment Financiers
- Continues to be one of the leading players in Micro Loans, Two-Wheeler Finance and Renewable Finance

**Retailisation**
- Continues to deliver on the retailisation strategy
- FY16: 26%
- FY20: 40%
- FY21: 43%
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.

The Company publishes its Integrated Report every year which is based on the International Integrated Reporting Framework (IIRC) and Global Reporting Initiative (GRI) Standards. The report demonstrates the interlinkage between the various capitals, i.e. Financial, Natural, Intellectual, Manufactured, Social and Relationship and Human capitals. It discusses in detail the organisation’s strategy, governance, social, environmental and economic context within which company operates.

L&T believes that sustainability is all about imbibing 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 and growing equitably in all Environmental, Social and Governance (ESG) initiatives to improve its sustainability performance. By embracing a digital future, robust risk management process, strong stakeholder dialogues, and connectivity of information, the Company continues to deliver products and services designed to create a better world for everyone.

Thrust Areas

Better Planet
- 128 M kWh energy saved since 2008
- 28.87 M kWh renewable energy used on our premises in FY 21
- 109,428 Tonnes carbon emission avoided by energy conservation initiatives (2008-2021)
- 9% reduction in energy consumption
- 57% of wastewater recycled in FY21

Better Business
- 42% increase in recycled or eco-friendly materials use since FY16
- 29.6% revenue from Green Portfolio
- 2.1 GW of utility-scale solar plants commissioned
- 1.2 million manhours - safety training
- 23 States across India provided with physical and digital infrastructure support to combat Covid-19 pandemic.

Better Communities
- 3.2 million beneficiaries in health, education, water & sanitation and skill-building in FY21
- 3.2 million manhours - safety training
- 1.2 million beneficiaries in health, education, water & sanitation and skill-building in FY21
- 23 States across India provided with physical and digital infrastructure support to combat Covid-19 pandemic.

Accolades
- L&T was conferred the prestigious HR Excellence Award by The Economic Times’ HRWorld.
- L&T’s Integrated Report has been declared a winner in the Best Integrated Report category by the Social and Business Enterprise Responsible Awards (SABERA), supported by Grant Thornton Bharat.
- L&T was conferred the prestigious CSR Shining Star Award in the ‘Skills’ category by Wockhardt Foundation.
- Won over ~100 awards in safety, quality excellence and other areas

Large scale solar-cum-storage project in the Andaman Islands.

Drinking water and shade for Pipeline workmen in Bankura Indpur.

Digitization initiative to enhance safety.

Smart classroom fosters learning - A CSR initiative.