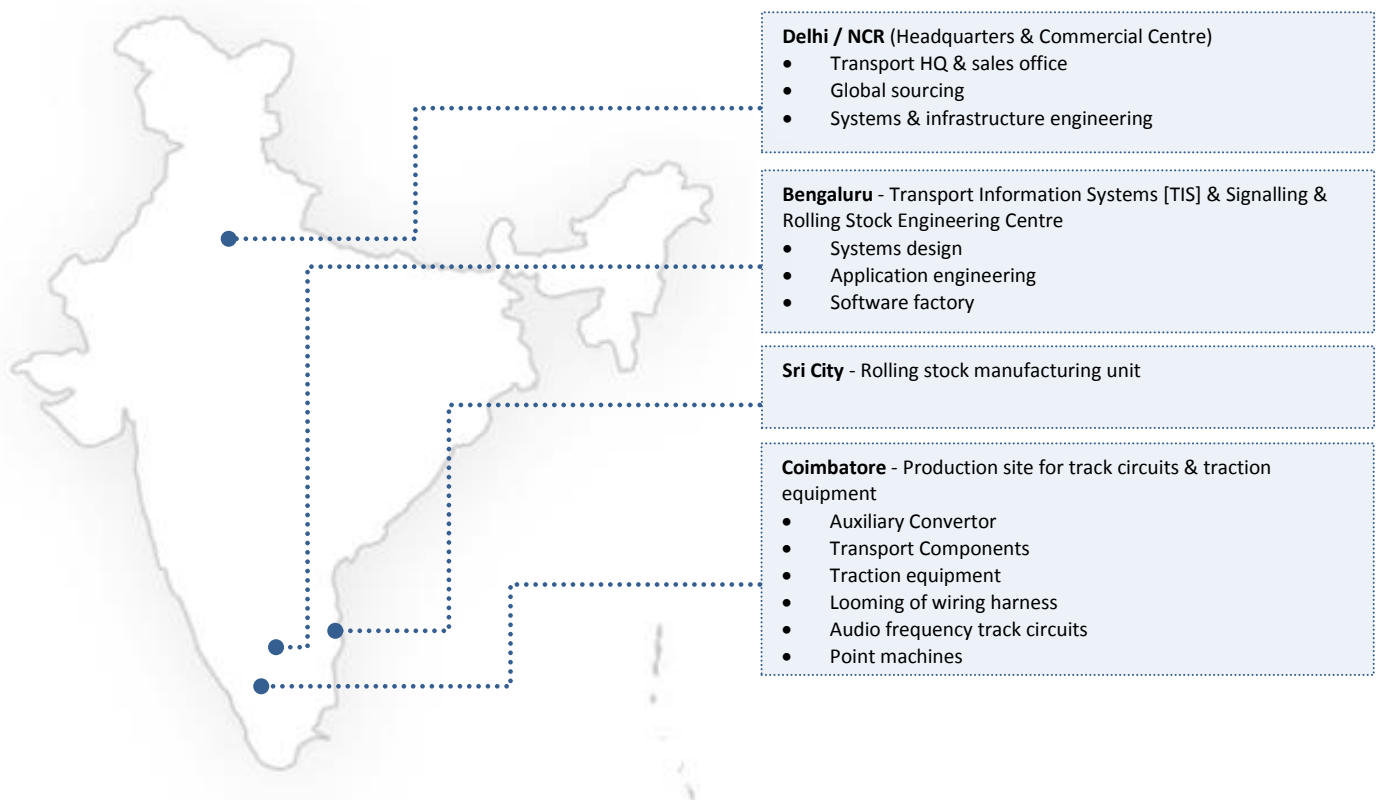


Alstom in India & South Asia

25 years of contribution to India's infrastructure



Alstom's Presence



**Catering to other south Asian markets such as Bhutan, Sri Lanka, Bangladesh and Nepal.*

Key Data for Alstom Transport India Limited

- More than 1,200 employees in India*
- Headquarter & commercial centre: Noida
- Sales in FY14-15 - € 65Mn**
- Manufacturing sites:
 - Signalling & Rolling Stock Engineering Centre at Bengaluru
 - Rolling stock manufacturing unit at Sri City, Andhra Pradesh: Capacity – 300 cars per year
 - Manufacturing Site for Track Circuits & Traction Equipment at Coimbatore, Tamil Nadu
 - System & Infrastructure Centre of Excellence in NOIDA (under establishment)

**As of 1st June 2015 (includes permanent, temporary + contractors) **Conversion at Rs. 70 per euro*

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History

- **1990:** Signalling for Kolkata metro
- **1993-94:** Delivered 24 LHB stainless steel coaches & TOT for Shatabdi and Rajdhani
- **1997:** Refurbishment of 38 motor coaches for Western Railways
- **1998:** Merger of Railway Products India Limited (RPIL) into Alstom resulting in establishment of Bengaluru engineering centre operations
- **2001:** Won the first Indian metro signalling contract in India from DMRC SYS01
- **2001-2004:** AFTC Contracts won in Central, Western & Southern railways
- **2005:** Traction cases for Melco; Delhi Metro Phase 1 project at Coimbatore, Tamil Nadu
- **2006:** Software development team established
- **2007:** Delhi metro Line 1 and Line 2 extensions
- **2009:** Won Bengaluru metro signalling contract
- **2010:** Sri City Alstom unit born as a result of Alstom winning Chennai Metro Rail project
- **2011:** ATIL Legal Entity incorporated
- **2011:** Won Jaipur metro signalling Contract
- **2012:** Commencement of production at Sri-City & Coimbatore facility; start of manufacturing for Chennai metro cars
- **2013:** Start of Bengaluru Rolling Stock Engineering centre
- **2014:** First train rolled out Sricity plant for Chennai metro, February 2014.
- **2014:** Won Rolling stock, Signalling, Telecom and electrification contract for Kochi metro
- **Dec. 19 2014:** Alstom Shareholders Meeting authorises the sale of the Alstom Energy businesses to General Electric
- **2015:** Start of production of car body shell for Kochi metro
- **2015:** Alstom finalised sales of its energy activities and is entirely focused on Railway Transport
- **2015:** Dispatch of first set of Traction cases to Europe (X60B & XCC EMS) from Coimbatore. First of its kind, wherein a traction case is assembled in India (Coimbatore facility) for a European market.
- **2015:** Alstom finalises the sales of its energy activities and is entirely focused on Transport

Awards and Certification

- Best System Integrator, 2014 at the Annual Metro Rail India Summit 2015
- Best Rolling Stock Manufacturer/ Supplier of the Year by Metro Rail India Summit 2014 for Sri City facility
- Member National Safety Council Andhra Pradesh Chapter for Sri City facility
- Green Building certification by Indian Green Building Council (IGBC) with Silver Rating for Sri City facility
- AFNOR Certification for QMS ISO 9001 and EMS ISO 14001 for Coimbatore facility
- AFNOR Certification for ISO 9001: 2008, ISO 14001: 2004 and OHSAS 18001: 2007 for Sri City facility
- CMMI L3 certification for Signalling at Bengaluru site in Karnataka

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References and Ongoing Projects

A proponent of sustainable mobility, Alstom provides a complete range of systems, equipment and services in the railway sector. Alstom is comprised of four businesses: Rolling stock & Components, Systems & Infrastructure, Transport Information Solutions and Train Life Services. With a full range of highly advanced products and solutions, it is ready to participate in the upcoming rail transportation projects in India, including high speed train projects.

Alstom is a leading supplier of train control systems for metros in India. India's fastest trains: Shatabdi and Rajdhani, use Alstom designed LHB coaches. Our centres of excellence in engineering and manufacturing offer end-to-end solutions for local and global markets. With more than 1200 experienced professionals we 'Make in India' for India and the world.

Mainline:

- Signalling Projects
 - Audio Frequency Track Circuits (AFTC) for Zonal Railways and Mumbai Railway Vikas Corporation Ltd (MRVC)
- EMU Projects
 - Refurbishment of 38 motor coaches for Western Railway
 - LHB design technology for railway coaches to RCF, Kapurthala for India's fastest trains: Shatabdi and Rajdhani

Urban:

- Metro Rolling Stock
 - Rolling Stock (42 train sets) contract for Chennai Metro (Ongoing project)
 - Rolling Stock (25 train sets) contract for Kochi Metro (Ongoing project)
- Traction Systems
 - Electric traction components for Melco/Delhi Metro
- Metro Signalling System
 - Signalling & telecom system for Kochi Metro (Ongoing project)
 - Signalling systems for:
 - Delhi Metro Line 1 & 2
 - Bangalore Metro Line 1 & 2
 - Jaipur Metro Corridor 2
- Metro Infra project
 - Track work contract for Chennai Metro (Ongoing project)
 - Track work contract for Line 7, Phase 3 of Delhi Metro (Ongoing project)
 - Electrification and Power Supply contracts for Kochi Metro (Ongoing project)

System design and engineering for projects across the globe

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Manufacturing & Engineering Capabilities

2013 Metro Rolling Stock Factory, Sri City, Andhra Pradesh



- Alstom state-of-the-art facility for manufacturing rolling stock.
- Most modern facility incorporating best practices from other Alstom factories across the world
- Employs over 135 people
- Production capacity of 300 metro train cars per year
- Boasts energy-efficient design which includes double insulation, heat recovery systems, geothermal heating and cooling system that consumes less energy and rainwater recycling

1998 Signalling & 2013 Rolling Stock Engineering Centre, Bengaluru, Karnataka



- Alstom Bengaluru unit is a global innovation hub for both Signalling and Rolling Stock Engineering
 - Employs over 575 people for Signalling & Product development and 150 people for Rolling Stock Engineering. The site plans to add over 1000 people in next 3 years
 - Caters to Signalling projects in India and worldwide
 - Equipped with latest technology labs for Mass transit Signalling projects. Full signalling system can be tested including control centre, train control, interlocking, trackside & telecom equipment
- Highly competent in design and implementation of urban (Metro & Tramways) and mainline (from freight to very high speed lines) signalling solutions
 - One of the global centres for development of system and products for TIS; delivering critical signalling product/solutions for smart interlocking, Integrated Control centre, PACIS and security solutions
 - Robust project and program management
 - Manufacturing and integration of Coded Track Circuits for Railways/ Metros; More than 3000 track circuits deployed in India so far

1968 Manufacturing Site for Track Circuits & Traction Equipment, Coimbatore, Tamil Nadu



- State-of-the-art facility for Rolling Stock Components Operation
- Specializes in manufacturing and testing of looming, cubicles, tractions, auxiliary convertors, RS Looming and other electrical components
- Completed over 60 different projects since 2005 which includes Indian & Global Projects
- In-house capability for functional testing of inverters and auxiliary convertors
- Produces RMS relay, switchgears, driver desk devices and looms that build traction cases
- Efficient and skilled workforce catering to Indian as well as global projects



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Contact Information

General/product enquiries or requests for quotation, kindly contact the local office or visit <http://www.alstom.com/worldwide/>

Careers at Alstom & submission of resumes, visit <http://www.alstom.com/careers/>

For media or investor relations contacts, please visit <http://www.alstom.com/contact/>