



Rolling Stock

- State-of-the-art aerodynamic trainset
- 3.2 m wide, 22 m long stainless steel body
- Air-conditioned trainset, 2x2 transverse seating, comfortable space for standing passengers, overhead luggage racks
- Standard and Premium coach with automatic plug-in type sliding doors
- Push button for selective opening of doors on need basis for energy conservation

- Panoramic windows with blinds in Premium coach
- Mobile/Laptop charging sockets
- Public Announcement & Display System
- Emergency communication facilities, CCTV
- Dynamic route map display
- Ergonomically designed handrails
- Regenerative braking system
- Reserved coach for women

Electrical System

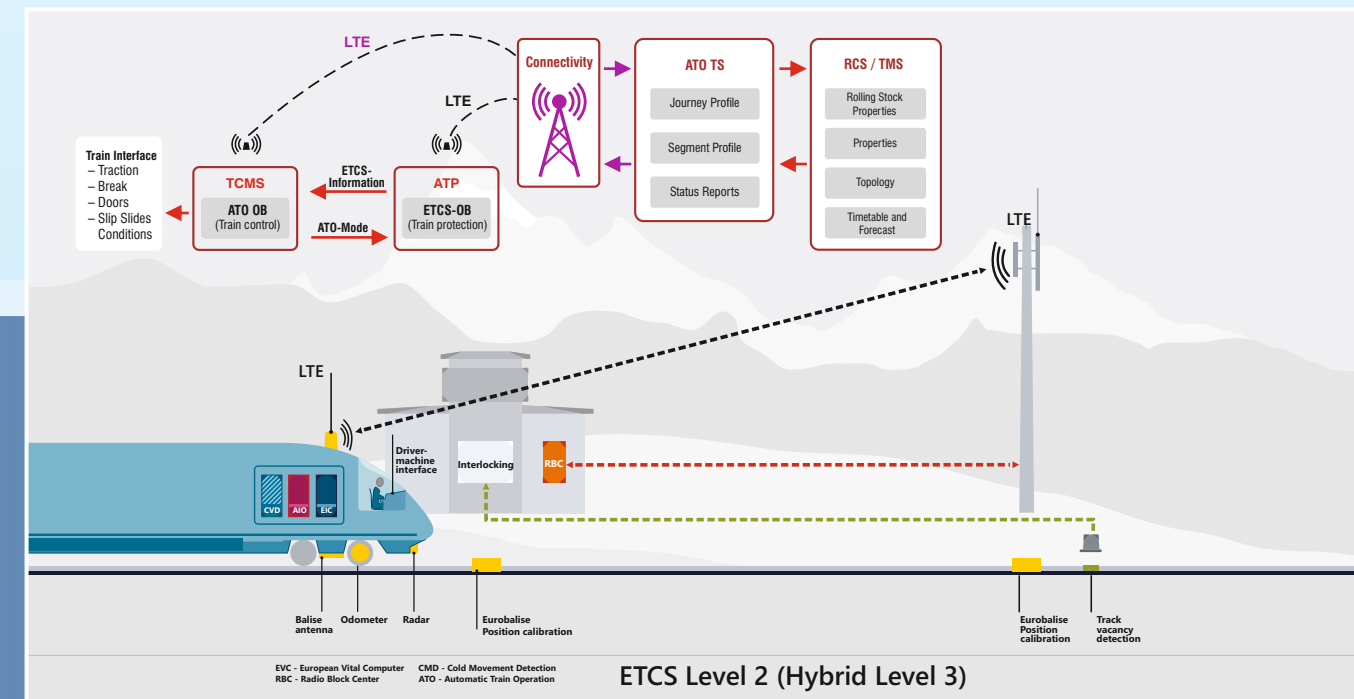
- Gas Insulated Substation type RSS/AMS/TSS (Voltage level - 66 kV/132kV/220kV); SCADA compliant with IEC61850
- 25 KV AC, 1-Phase, 50 Hz power for traction
- 33 KV, 3-Phase, AC power to the Auxiliary substations
- State-of-the-art BMS & SCADA are being used
- Uniquely designed 25kV Flexible Overhead Catenary traction systems for elevated section and exclusively designed Rigid Overhead Catenary System for tunnels
- Specially designed Environment Control System & Tunnel Ventilation System

Precast Ballastless Tracks

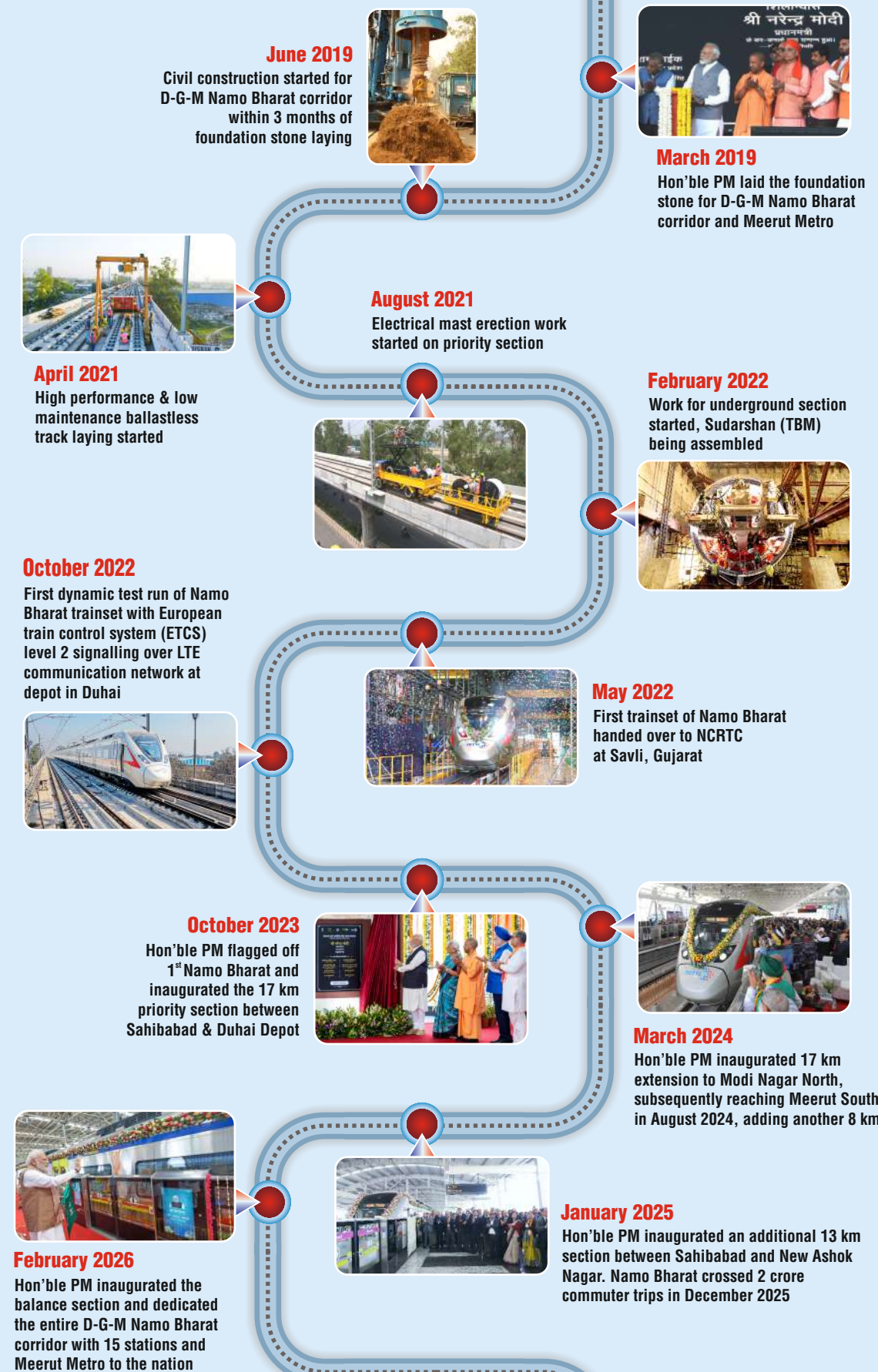
- Standard Gauge - 1435 mm
- Specifically designed safe, reliable, and durable tracks with optimised lifecycle costs
- Low vibration & noise levels
- High resilience tracks
- Axle Load: 17 T

Signalling System

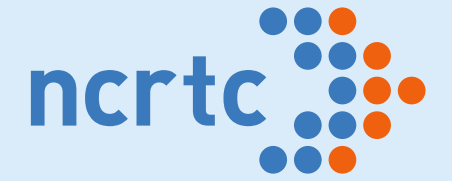
NCRTC has implemented ETCS Level 2 (Hybrid Level 3) Signalling system on dedicated LTE, with ATO, supporting interoperability and integrated with Platform Screen Doors for increased safety and reliability on the Namo Bharat corridors.



JOURNEY OF INDIA'S FIRST NAMO BHARAT Delhi-Ghaziabad-Meerut (D-G-M)



As on March 2026



Revolutionising Urban Transportation NAMO BHARAT



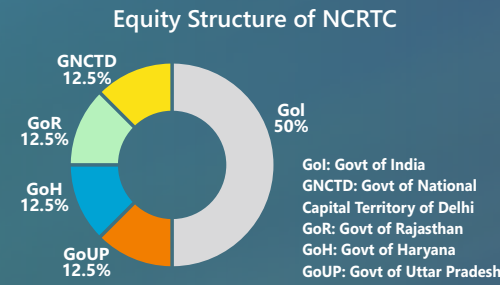
नमो भारत

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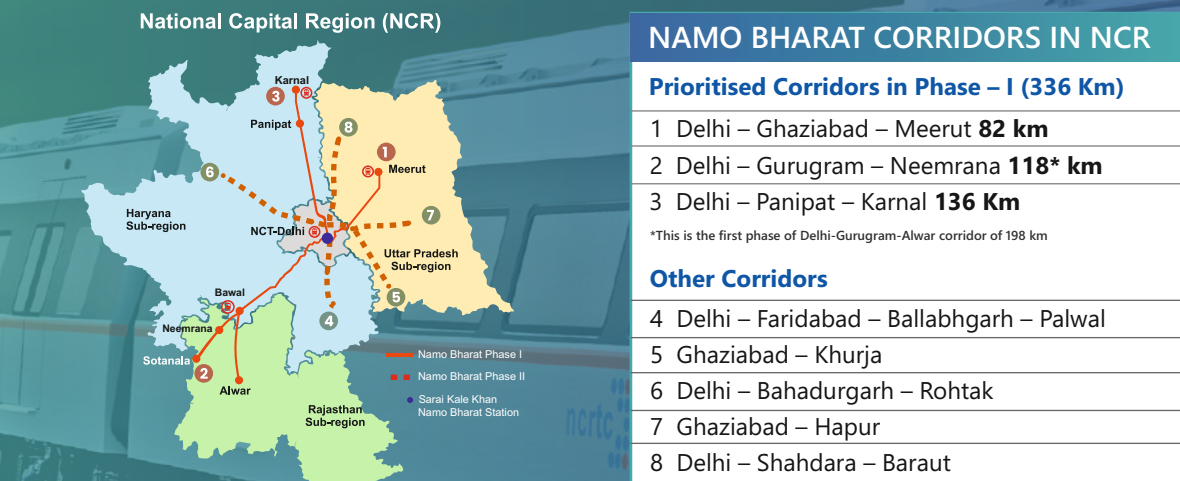
National Capital Region Transport Corporation
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National Capital Region Transport Corporation Limited (NCRTC) is mandated for designing, developing, implementing, financing, operating and maintaining Regional Rapid Transit System (RRTS) projects in the National Capital Region (NCR).



Improve quality of life of people by providing equitable, fast, reliable, safe, comfortable, efficient & sustainable mobility solutions enabling economic development of NCR.

Namo Bharat is a rail-based, high-speed, high-throughput transit system aimed at bringing people and places closer in National Capital Region. Namu Bharat will act as the transportation backbone for the region, while ensuring a balanced and sustainable urban development.



Namo Bharat is designed for intercity travel, while the Metro is primarily for intracity travel. Both these systems complement each other to provide a 'network of networks'.

	Design Speed	Max. Operational Speed	Average Speed	Travel Time for 90 kms
Namo Bharat	180 kmph	160 kmph	90 kmph	1 hour
Metro	90 kmph	80 kmph	32 kmph	3 hours



- Fast, safe and comfortable regional transit
- Multi-modal integration at Namo Bharat Stations with Indian Railway stations, ISBTs, Airport, Metro lines & inter-operable Phase-1 corridors will ensure seamless travel
- Skill development and employment generation. Access to affordable housing around NCR
- Reduction in congestion and pollution
- Industrial/commercial/educational hubs accessible to a larger population, resulting in less migration of people to Delhi leading to reduced congestion
- Creation of new economic/industrial zones - Transit Oriented Development (TOD)
- Platform Screen Doors at every station ensure safe commute



Within Meerut, NCRTC is running Meerut Metro on the Namo Bharat infrastructure itself. It is providing residents with fast, reliable and eco-friendly transportation, seamlessly integrating with the larger Namo Bharat network. The 23-km stretch has 13 stations.



Since February 2026, the entire Delhi-Meerut Namo Bharat corridor along with Meerut Metro has been operational, encompassing a total of 23 stations. This integrated network features 15 RRTS stations and 12 Meerut Metro stations, 4 of which serve as key interchanges between the two systems.

Phased operations of Namo Bharat began in October 2023 and it has proudly served over 2.5 crore commuters till March 2026.

- Continuously Operating Reference Station (CORS) Network: Ensuring precise infrastructure alignment
- Common Data Environment (CDE) and Building Information Modeling (BIM): Efficient designs and collaboration through integrated technologies
- iDREAMS and SPEED Tools: NCRTC's innovative asset management tool for streamlining operations and maintenance, and cloud-based project monitoring tools, for sustainable and efficient project management
- Automatic fare Collection (AFC): Seamless, contactless, and NCMC-compliant entry, enhancing convenience for the commuter
- Train Control and Management System (TCMS): Advanced TCMS for optimized fleet efficiency