

National Capital Region (NCR)



NAMO BHARAT CORRIDORS IN NCR

(As per the functional plan on Transport for NCR-2032)

Prioritized Corridors in Phase – I (311 km)

- 1 Delhi – Ghaziabad - Meerut 82 km
- 2 Delhi – Gurugram – Bawal - Alwar 93* km
- 3 Delhi - Panipat - Karnal 136 km

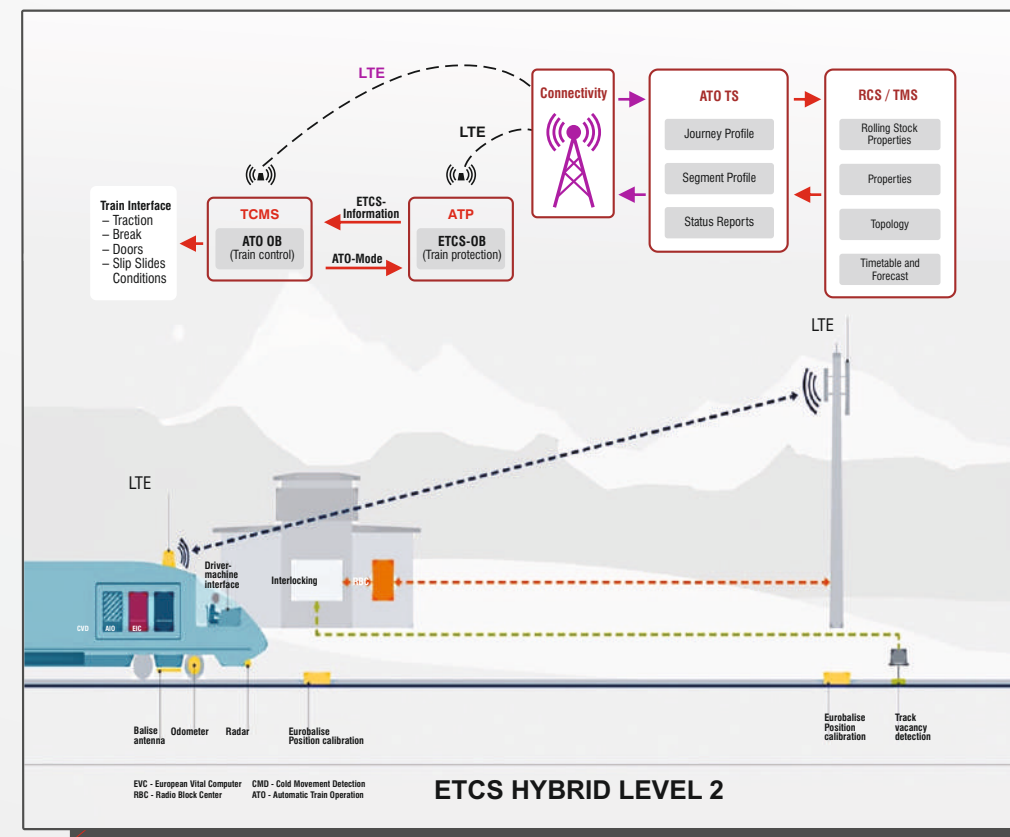
*Delhi-Bawal-Alwar corridor is 198 km long, balance portion will be made in future stages

Other Corridors

- 4 Delhi – Faridabad – Ballabhgarh - Palwal
- 5 Ghaziabad - Khurja
- 6 Delhi – Bahadurgarh - Rohtak
- 7 Ghaziabad – Hapur
- 8 Delhi – Shahadra - Baraut

Signalling System

NCRTC has implemented ETCS Hybrid Level 2 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



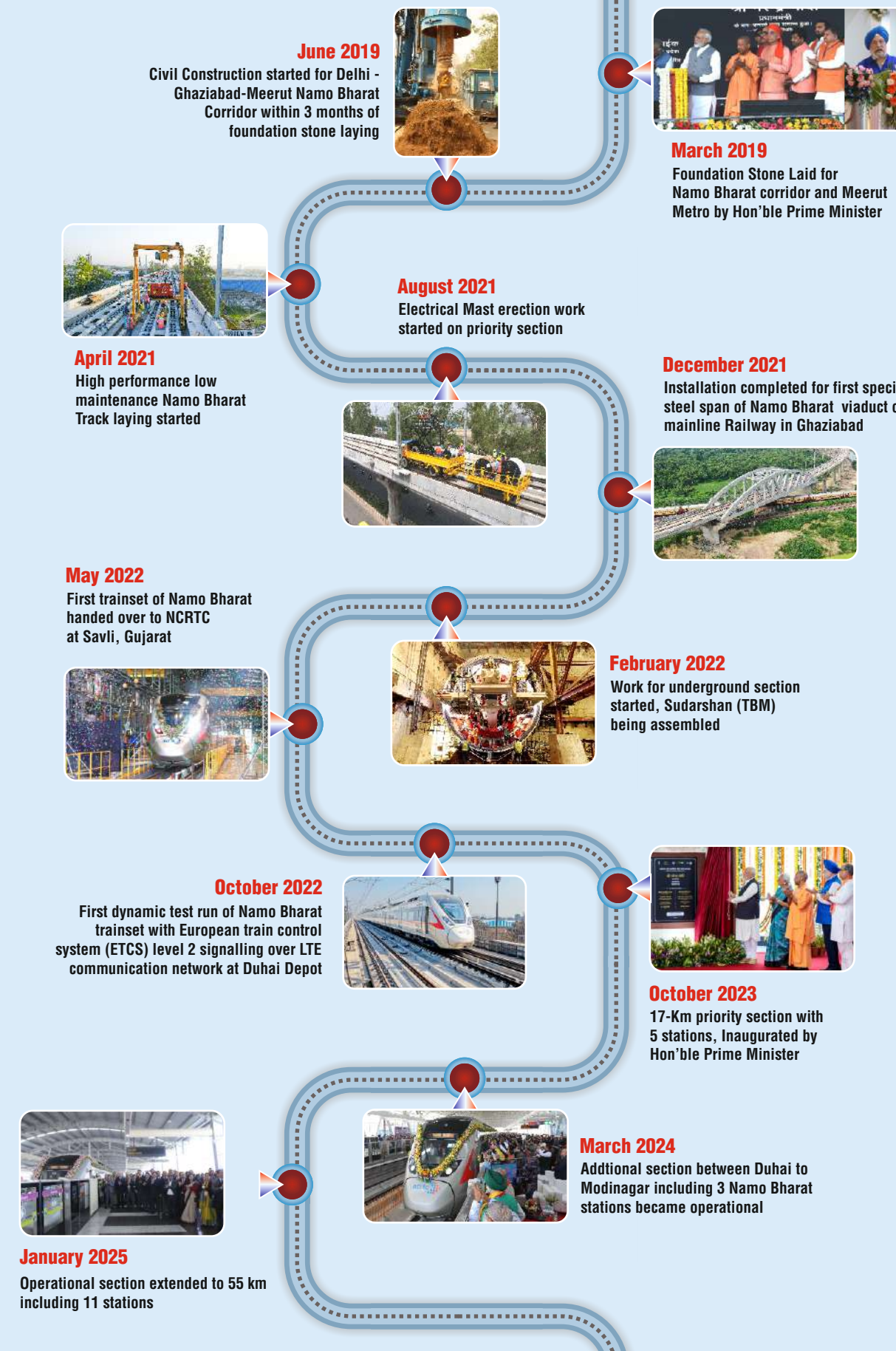
Technology driven project implementation

- Automatic fare Collection:** Seamless and contactless entry, enhancing the convenience for the commuter.
- Train Control and Management System (TCMS):** Advanced TCMS for optimized fleet efficiency.
- 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.



JOURNEY OF INDIA'S FIRST NAMO BHARAT

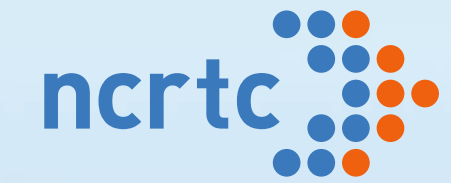
Delhi-Ghaziabad-Meerut



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As on October 2025



Revolutionising
urban transportation

NAMO BHARAT



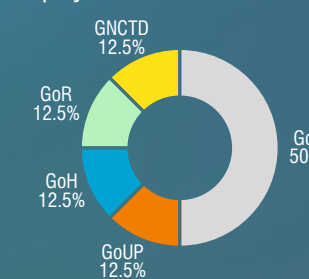
नमो भारत

गति से प्रगति

NCRTC

National Capital Region Transport Corporation is mandated for designing, developing, implementing, financing, operating, and maintaining Nam0 Bharat projects in the National Capital Region (NCR).

Equity Structure of NCRTC



GoI: Govt of India | GNCTD: Govt of National Capital Territory of Delhi | GoR: Govt of Rajasthan | GoH: Govt of Haryana | GoUP: Govt of Uttar Pradesh

VISION

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

Namo Bharat

A rail-based, high-speed, high-frequency regional transit system seamlessly connecting urban and semi-urban nodes across National Capital Region.

Travel Time

Reducing the current travel time to one-third

Speed

- Design Speed 180 Kmph
- Max. Operational Speed 160 Kmph

High Frequency

Trains available in every 10 minutes

Better Connectivity

Stations at every 5-10 Kms

Delhi-Ghaziabad-Meerut Nam0 Bharat Corridor

The Delhi-Ghaziabad-Meerut corridor is India's first semi high-speed regional rail network, designed to significantly reduce travel time, covering the 82 km distance in less than an hour. The project includes 16 Nam0 Bharat stations with both elevated and underground sections, integrating seamlessly with other public transportation systems.

As of October 2025, a 55 km section from New Ashok Nagar to Meerut South is operational, with Nam0 Bharat trains serving 11 stations. This project represents a significant advancement in urban transit, offering modern amenities, enhanced safety, and eco-friendly operations Commissioned in phases, 18 million commuters travelled till date; Balance section of this corridor is likely to be operational soon..

Meerut Metro

The Metro will operate on a 23 km stretch within the city, sharing common Nam0 Bharat infrastructure for efficient connectivity. With 13 stations, Meerut Metro will provide residents with fast, reliable, and eco-friendly transportation, seamlessly integrating with the larger Nam0 Bharat network.

Benefits

- Fast, safe and comfortable regional transit.
- Multi-modal integration at Nam0 Bharat Stations with Indian Railway stations, ISBTs, Airport, Metro lines & Inter-operable Phase-1 corridors will ensure seamless travel.
- Transportation backbone for NCR. Balanced and sustainable growth to promote polycentric growth and development.
- Industrial/commercial/educational hubs to be in reach of a larger population. Resulting in less migration of people to Delhi leading to reduced congestion.
- Skill development and employment generation.
- Access to affordable housing around NCR.
- Creation of new economic/industrial zones - Transit Oriented Development (TOD).
- Reduction in congestion and pollution; over one lakh vehicles to go off road after implementation of Delhi-Ghaziabad-Meerut Nam0 Bharat Corridor.

नमो भारत

Rolling Stock

State-of-the-art aerodynamically designed train. 3.2 m wide, 22 m long, air-conditioned stainless steel body coaches for Standard and Premium class with automatic plug-in type sliding doors. Push button for selective opening of doors on need basis for energy conservation. Panoramic windows with curtains in premium class. Platform Screen Doors. Reserved Coach for Women.

Mobile/Laptop charging sockets, CCTV. 2x2 Transverse seating, Comfortable space for standing passengers, overhead luggage racks. Public Announcement & Display System. Emergency communication facilities. Dynamic route map display. Ergonomically designed handrails. Regenerative braking system. Train Control & Management System (TCMS)



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. Uniquely designed 25kV Flexible Overhead Catenary traction systems for elevated section and exclusively designed Rigid Overhead Catenary System for tunnels with a diameter of 6.5 meter. Specially designed Environment Control System & Tunnel Ventilation System based on inter-station distance and tunnel diameter. State of the art BMS & SCADA to be used.

Precast Ballastless Tracks

Standard Gauge - 1435 mm. Specifically designed safe, reliable, and durable tracks with reduced maintenance cost. Low vibration & noise levels. High resilience tracks. Axle Load: 17 T



Nam0 Bharat – Bringing transformation in urban landscape

SPEED SAFETY COMFORT