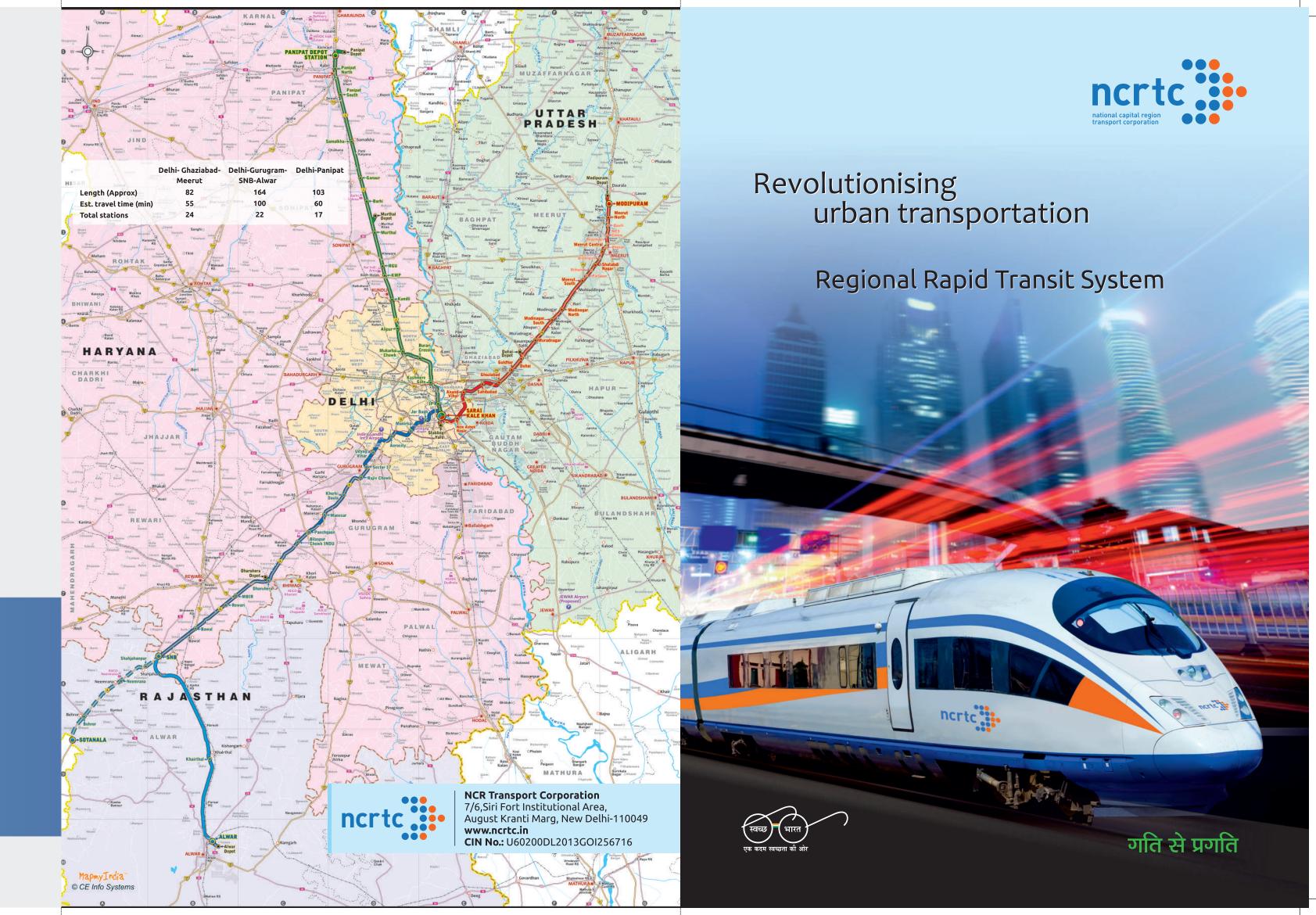


Technology driven project implementation

Extensive use of Artificial Intelligence; CCTV monitoring to ensure workers wear Personal Protective Equipment, sends alerts in case of violations; accessible through mobile phones also.

SPEED: An in-house IT tool for online project monitoring & risk mitigation.

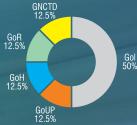




NCRTC

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

Equity Structure of NCRTC



Gol: 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.

Regional Rapid Transit System (RRTS)

A rail-based, high-speed transit system aimed at bringing people and places closer in National Capital Region. Three corridors of 349 km is being implemented in Phase - I.

RRTS IS DIFFERENT FROM METRO

	Design Speed	Operational Speed	Average Speed	Travel Time for 100 kms
RRTS	180 kmph	160 kmph	100 kmph	1 hour
METRO RAIL	90 kmph	80 kmph	32 kmph	3 hour
High frequency services - Every 5∼10 min Stations at every 5∼10 km				

Delhi-Ghaziabad-Meerut RRTS Corridor

March 2019: Foundation stone laying by Hon'ble Prime Minister of India. 17km-long priority section to start operation by March 2023. Full 82km stretch scheduled for operations in March 2025.

NCRTC to run Meerut Metro services on the RRTS infrastructure within Meerut city.

Delhi-Gurugram-SNB-Alwar RRTS Corridor

Detailed Project Report of Delhi-Gurugram-SNB corridor has been approved by the State governments and is under active consideration of Gol. Pre-construction activities are in progress.

Delhi-Panipat RRTS Corridor

This 103-km long corridor having 17 stations aims to connect Delhi to towns such as Gannaur, Samalkha and Panipat in the state of Haryana.

Benefits

Safe and comfortable.

Multi-modal integration with Indian Railways, Inter-state bus terminals (ISBTs), Airports and the Delhi Metro lines at various RRTS Stations for seamless travel.

Inter-operable corridors. 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 RRTS Corridors.

Rolling Stock

State-of-the-art aerodynamically designed train. 3.2 m wide, 22 m long, air-conditioned stainless steel/ aluminium body coaches for Economy and Business class passengers with automatic plug in type sliding doors. Panormic windows with curtains.

Platform Screen Doors.

eserved Coach for Women

Mobile/Laptop charging sockets, CCTV.



2x2 Transverse seating, Comfortable space for standing passengers, luggage rack. Public Announcement & Display System. Emergency communication facilities.

Dynamic route maps display.

Ergonomically designed handrails. Regenerative braking system.

Train Control & Management System (TCMS).



Electrical Utility

Specially designed Environment Control System & Tunnel Ve System based on inter-station distance and tunnel diameter. State of the art BMS & SCADA to be used.

Ballastless Tracks

Standard Gauge – 1435 mm. Specifically designed safe, reliable and durable tracks with reduced maintenance cost. Low vibration & noise levels.





RRTS will bring transformation in transportation landscape