

Indian Railways – On The Track Of Transformation

November 2024

Railway Sector Highlights

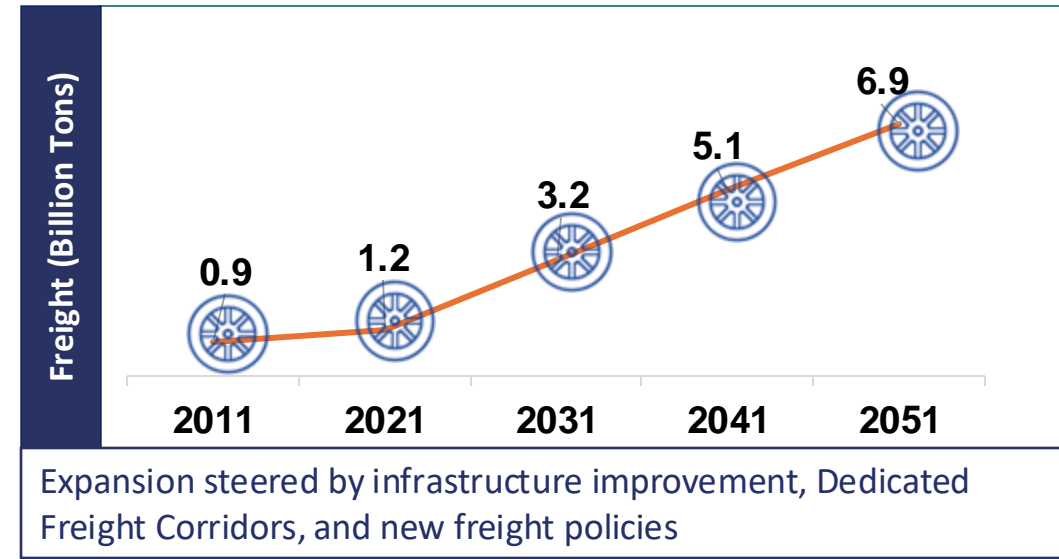
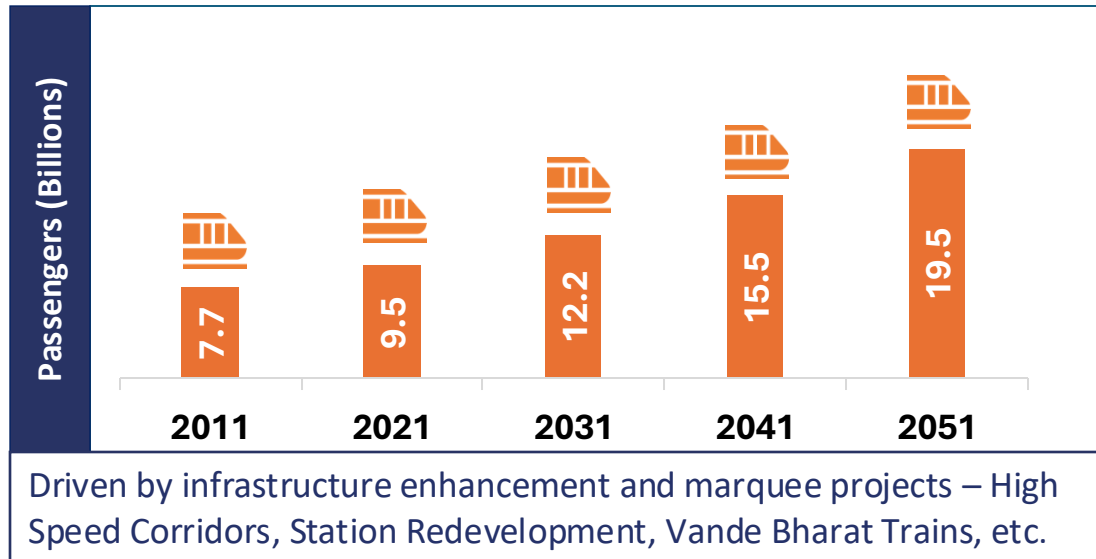
4th largest rail network in the world - **68,043** route kms

22,600 trains, **26 Mn** passengers and **3.37Mn** tons freight - daily

7,300+ Railway Stations

94% of total broad-gauge route electrified

Largest employer in India (**1.2 Mn**) and amongst the top ten globally





Capex in 2014-24 > Cumulative Capex in 60 Years (1951-2014)



Capacity Enhancement

Highest ever Capex USD 30 Bn budgeted for FY 24-25

5x lines commissioned in 2022 Vs. average 2009-14

Record new tracks laid more than 14 km/day

31,180 Km lines commissioned in 2014-24 **twice** the average of 2009-14



Scaling New Horizons

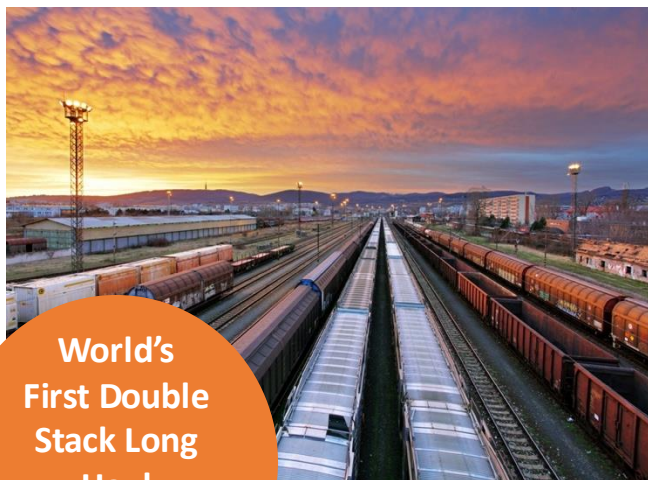
Connecting the Northeast

- Entire Northeast network converted into broad gauge
- Completed **India's longest rail-cum-road bridge - Bogibeel Bridge (4.9 Km)**

World's tallest rail bridge (359m) coming up over Chenab

Indian Railway's Green targets- **Net zero carbon emissions by 2030**

Indian Railways on a Fast Track to Achieve 45% Modal Share in Freight by 2050 and build capacity by 2030



World's
First Double
Stack Long
Haul
Container
Train



Dedicated Freight Corridors

- **Speed > 2x** (100 km/hr)
- **Capacity > 2x** (longer trains, wider wagons)
- **Double Stacking**

Completion of **two corridors** (Eastern and Western) length 3,360 km at cost **USD 11 Bn - June 2024**

PPP Opportunities

- Certain sections of DFC
- Gati Shakti Cargo Terminals
- Multi modal Logistics parks
- Asset Monetization – e.g. CONCOR



Fast Track Freight

17% increase induction of new wagons (2021 Vs. 2022)

New Policies/Projects -

- **New segments** automobile and ecommerce
- **48 Gati Shakti Cargo Terminals** commissioned - (300 in next 4-5 years)

3 commodity-wise rail economic corridors announced in 2024 (more in pipeline)
Energy, Mineral and Cement corridors (192 Projects)
Port connectivity corridors (42 Projects)
High Traffic Density corridors (200 Projects)



Mission Speed

First **High-Speed Rail Corridor** under construction
Mumbai – Ahmedabad

- Reduce travel time from **8 hrs to 2 hrs)**
- **Another 7 lines** (4,700 km) planned at capex USD 140 Bn



Train speeds on **Golden Quadrilateral and Golden Diagonal** (10,000 Km) being upgraded to **160 km/h**



Enrich Passenger Experience

80+ semi-high speed **Vande Bharat** trains operational

Target- 400+ in next 2-3 years)

Introduced 4 Semi-High Speed modern **Tejas Express**



- **Vistadome** panoramic transparent coaches deployed in scenic tourist destinations
- Redevelopment of **1300+** railway stations

One of the Largest Infrastructure Programs Aimed at Revamping 1300+ Stations into Hubs for Transit Oriented Development

Amrit Bharat Station Scheme

Modernized passenger amenities

State-of-the-art iconic infrastructure

Seamless multi modal connectivity

Improved accessibility & inclusivity

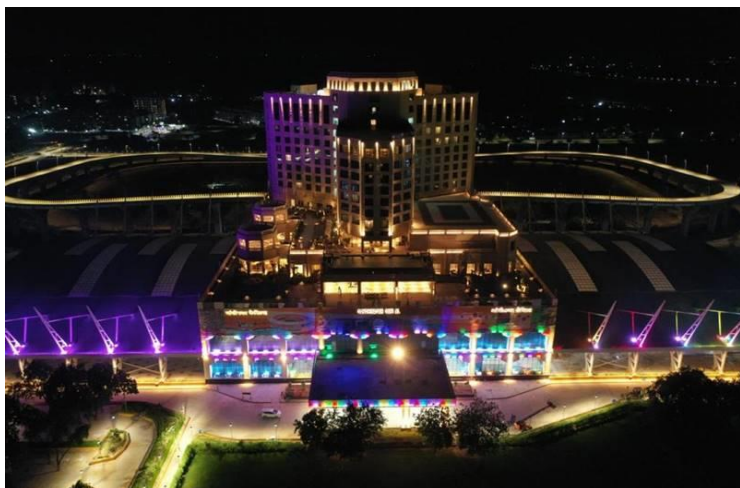
To be developed as City centres

Sustainable solutions

Status

3 stations have been redeveloped – Gandhinagar (EPC) and Rani Kamalapati station (PPP) and M. Visvesvaraya Terminal (EPC)

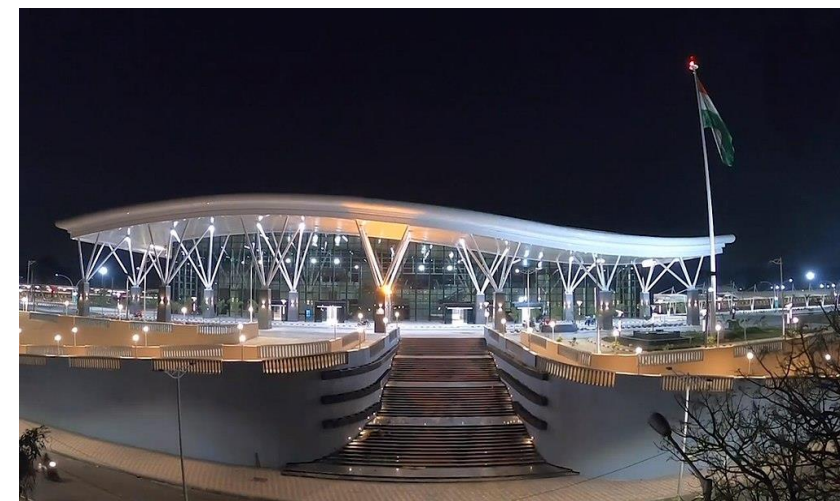
Robust Pipeline of **1309 stations**, foundation stone laid for **553 stations** at a cost of **over USD 2.2 Bn**



Redeveloped Gandhinagar Station



Redeveloped Rani Kamalapati Station



Redeveloped Sir M. Visvesvaraya Terminal

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NATIONAL INVESTMENT PROMOTION
& FACILITATION AGENCY



2016



2018



2020



2016



2018



2019



2021



2016



2017



2018



2019



2020



2021-2023