

Ministry of Railways

Future Roadmap

Safety & Security

- Eliminate all Manned Level Crossings (MLCs)-
 - MLCs to be eliminated by construction of new ROBs/RUBs
 - GQ/GD by 2022
 - All others by 2024
- Advanced signalling
 - TCAS to be upgraded to make its features equivalent to other advanced system. To be completed by Aug 2019
 - Completion of pilot projects of advanced signalling in 4 segments - works to be awarded by July 2019, works to be started by August 19 and to be completed in 18 months
 - Installation of advanced signalling on the whole network by 2024
 - Approval of the cabinet for 10 MHz spectrum
- Crew voice and video recording systems (Black box for the trains) in 500 locos by March 2020 and in all locos in 3 years
- Reducing the number of both consequential and non-consequential train accidents and deaths/injuries
- CCTV in all coaches and an on all stations
 - With surveillance system
 - All 6124 stations and 7020 coaches of premium trains & EMUs in Mumbai suburban - work to start by Aug 2019, to be completed in 12 months

Infrastructure

- EPC contracts (as far as possible, single packet, one stage system) for all infrastructure works to be made applicable by July 2019
- 100% railway electrification to be completed by 2022
- Increasing the maximum speed limit of tracks to 160 km/hr
 - Delhi-Howrah and Delhi-Mumbai section. Work to start by December 2019.
 - Approvals for other sections of golden quadrilateral and diagonals by December 2019 and works to start by March 2020.
- Station Redevelopment

- IRSDC and zonal railways to start redevelopment work in 100 stations by December 2019.
- Redevelopment with world class passenger amenities - waiting halls, ticketing, toilets, escalators/lifts, LED lights, etc
- Commercial utilisation of railway land by separate process
- High Speed Railway
 - Commissioning of MAHSR
 - Trial section (Surat - Billimora) by Aug 2022
 - Full section by Dec 2023
 - Feasibility studies to be undertaken from July 2019 for identified segments and along greenfield highways/expressways
- Dedicated Freight Corridors
 - Commissioning of WDFC and EDFC
 - Khurja to Bhavpur (EDFC) by Dec 2019
 - Rewari to Palanpur (WDFC) by Feb 2020
 - Complete commissioning of both DFCs by Dec 2021
 - Feasibility studies to be undertaken and/or DPR to be prepared from July 2019 for three other corridors (Delhi-Chennai, Mumbai-Howrah and Kharagpur-Vijaywada)
- Master plan for doubling/tripling/quadrupling
 - Implementation as per priority from July 2019
 - Doubling/tripling/quadrupling of identified lines on GQ/GD to be completed by Dec 2021
 - Complete master plan to be completed by 2024
 - Completion of strategic lines (such as J&K railway line) to be given high priority
- Increasing production of rolling stock
 - Finalising production plan of next 10 years by July 2019
 - Manufacturing of LHB coaches & EMUs/MEMUs
 - Gradual replacement of ICF rakes by LHB rakes/EMUs/MEMUs
 - Vande Bharat train sets - 100 train sets by December 2020
 - Faster rakes with vistadome coaches for scenic/narrow gauge routes
 - Addition of 200 AC rakes in Mumbai Suburban
 - Conversion of diesel locos to electric locos -
 - 108 in 2019-20
 - All by 2024
- Introducing push-pull operations in all premium trains
- Solar Power Generation

- To lease lands on either sides of tracks to companies for solar power generation.
- 1000 MW solar power plant
- Reforms in the PPP Policy for making it more market oriented to be able to attract investments for economically viable projects by making them financially attractive
- Increasing availability of freight trains -
 - Early completion of doubling/tripling/quadrupling works
 - Policies to allow more private wagons/trains - removing/relaxing the condition of ERR, assuring path
- Increasing the speed of empty wagons to run at 100 Kmph and loaded trains to run at 60 kmph for improving turnaround time
- Head on Generation (HOG) to replace End on Generation (EOG) in all premium trains to reduce diesel consumption, pollution and noise
- Avail open access in 8 more states viz Tamil Nadu, Kerala, Andhra Pradesh, Telangana, West Bengal, Chhattisgarh, Odisha and Punjab to reduce the electrical energy cost
- Faster conversion of diesel to electric locomotives
- Complete the works of production/other units at Latur, New Bongaingaon, Lumding, Sonipat and Jhansi in 2020.

Passenger and Freight services

- Punctuality – Target 100% with accurate reporting
- Introducing new trains with private participation
- Rationalisation of timetables to ensure better throughput of passenger trains
- Cleanliness – Stations, trains and along the tracks
- Catering – Better quality, service
- Increasing modal share of Railways in freight and passenger traffic
- WiFi on all trains and stations
- POS machines, digital payment facilities for payments (ticketing, catering)
- Eliminate jerks in all LHB rakes
- Rail Display Network
- Timetabled freight trains - especially for perishable commodities
- Real Time Information System (RTIS) to be implemented 100% on all locomotives
- Increasing the speed of freight trains

- Increase private participation in ownership and operations of freight trains/wagons by liberalising policies
- Open new routes to operate double stack dwarf containers
- Permit private operators to run premium passenger train services Rajdhani/Shatabdi

Human Resources

- NRTI to be made world class institutions
 - Faculty to be appointed by Sept 2019
 - Various schools to be started by Sept 2019
 - Construction of new campus to begin by Sept 2019
- RDSO to be made world class organisation
 - Upgradation of infrastructure - Plan to be approved by July 2019. Work to start immediately after that.
 - Lateral entry of technocrats
- Merger of services and reorganisation of railway board - to be finalised in June 2019
- Selection criteria for GMs and DRMs to be revised to ensure that 'best managers/leaders' are appointed as GMs and DRMs - to be finalised in June 2019

Miscellaneous

- Complete transition to accrual based accounting system - to be started by Aug 2019
- eFiles in all offices - to be completed by September 2019
- Better practices for procurement especially for sleepers and wagons (Bucket filling and Reverse auction)
- Increasing Non Fare Revenue (NFR)
- Railway housing, monetisation of redevelopment of railway land - development of 68 housing colonies to be started
- Improving facilities in Railway Hospitals
 - Ayushman Bharat in all Railway Hospitals
- Increasing the number of PG seats in Railway Hospitals
- Review of existing stoppages based on footfall