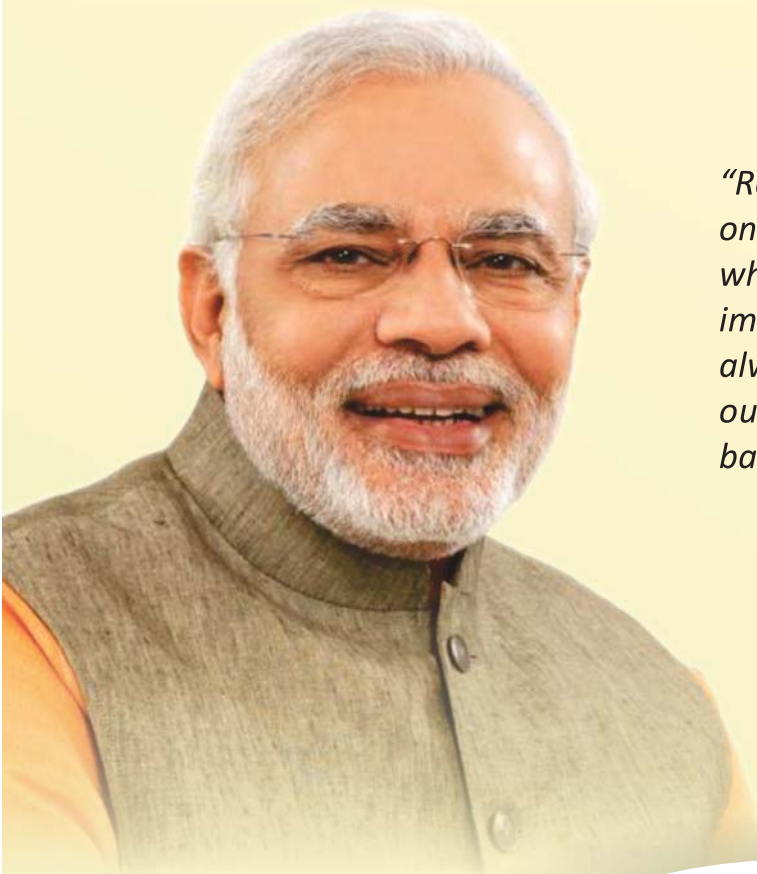




INDIAN RAILWAYS



**Perseverance,
Pace,
Progress !**



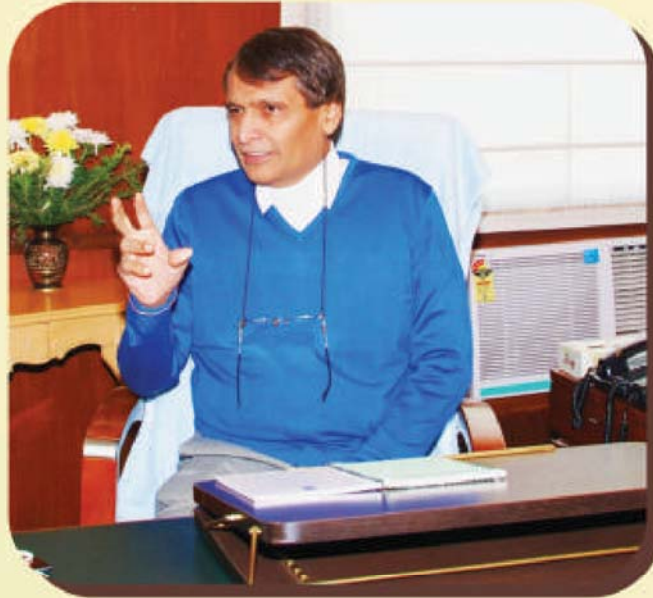
“Railways, perhaps along with post offices, are the only two institutions in India with a deep network which if tapped judiciously can create substantial improvements in the hinterland. Railways was always considered only as a mode of transport in our country, we want to see Railways as the backbone of India's economic development.”

**- Shri Narendra Modi
Hon'ble Prime Minister of India**



MOVING TOWARDS 360° TRANSFORMATION !

My Word: Suresh Prabhu



Infrastructure investment is the primary requisite for the growth of the economy. Our Hon'ble Prime Minister, Shri Narendra Modi has spelt out a vision for the transformation of the economy in which there is clear recognition that development of the Railways can push the economy into a higher growth trajectory. I am happy to have been entrusted with the responsibility to carry forward the vision of transformation of Indian Railways. It is with this sense of purpose that I have been working sincerely towards 'Rail Badhe, Desh Badhe'.

I joined my present assignment with a resolve to turnaround Indian Railways and for that a 'business as usual' scenario would not work. Therefore, new thinking and new processes were instilled in the organization. We have also made a rather serious attempt at mobilizing alternate resources for financing a five year investment plan pegged at Rs. 8.56 lakh crore with a view to overcoming under-investment that has plagued infrastructure development on Indian Railways.

I have raised the annual capital plan to Rs. one lakh crore, up from about Rs. 65,000 crore the previous year. I am hopeful that Railways will be able to achieve this target. Year on year, I intend raising the bar so that the organization is geared up to perform to its capacity.

To mobilize investment in Railways, we have started experimenting with new structures such as joint ventures, investment funds, etc which would be the new vehicles for mobilizing investments to proliferate the railway network across the country. Coal connectivity is likely to improve as the JVs formed with State Governments start operating. With a view to attracting private investment, we are working towards improving ease of doing business with railways. We have reviewed our policies which involve engagement with the private sector. The coming in of the regulator will further enhance the confidence of the private investors in the Railway system.

We provide a service to the people and it has been my effort to sensitize my employees to enhance the quality of life on rail travel. We have provided helplines for complaints while travelling, made ticketing simpler, provided more amenities at stations. My dream is to ensure that every rail traveler walks out of my system with a sense of satisfaction at having been served well.


To inculcate a sense of responsibility and accountability, I have delegated powers at the functional level. The task is not yet complete and I intend to take this task to its logical conclusion. It is with contentment that I am watching gradual improvement in the pace of decision-making and accountability being brought in to ensure timely delivery of commitments.

Another major area that I am pursuing with vigour is accounting reforms. The idea is to ensure that the budgetary spends ultimately translate to outputs and, their measurable outcomes. This can be the only way to ensure that the funds invested are well spent.

We are redeveloping our stations, promoting 'Make in India', assisting in 'Skill India', constructing the Dedicated Freight Corridors, monetising our assets, setting up the Rail Regulator, carrying out audits, improving upon our safety and passenger amenities. The list is long. We have set out a gigantic task for ourselves, the results of which cannot be visible in a short period of time. We need time to show progress. To accomplish the task that we have set out before our organization, we have planned purposefully, proceeded positively and are pursuing our goals persistently in the hope of seeing a resurgent Railways in the years to come.

I would like to conclude with the following words:

**लहरों से डर कर नौका पार नहीं होती
कोशिश करने वालों की कभी हार नहीं होती।**



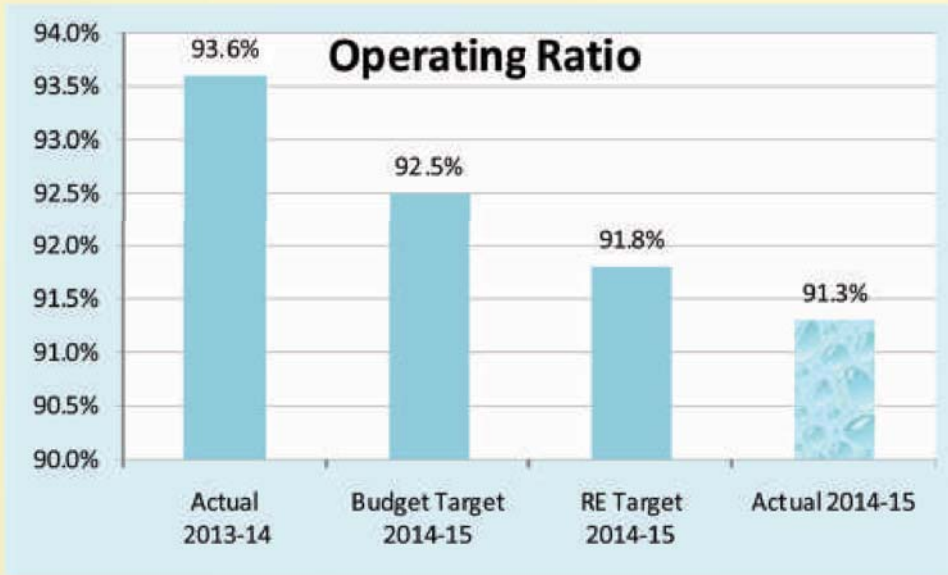
Suresh Prabhu

Reaching out, connecting with people



2014-15

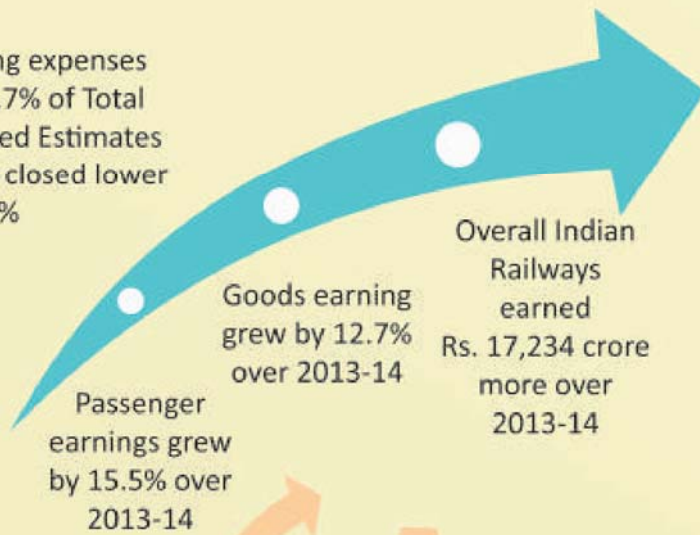
Financial Performance



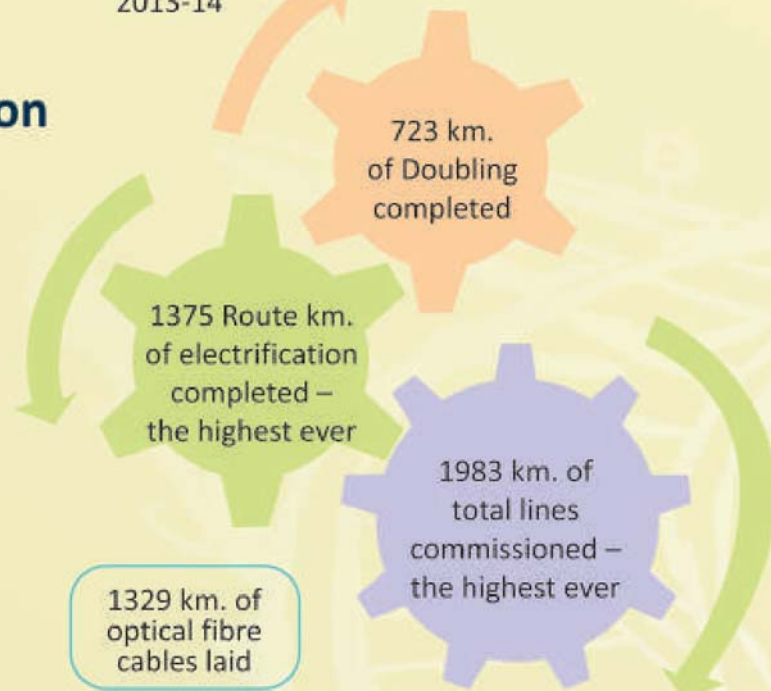
For the first time in the last 7 years Operating Ratio has surpassed the BE target in 2014-15

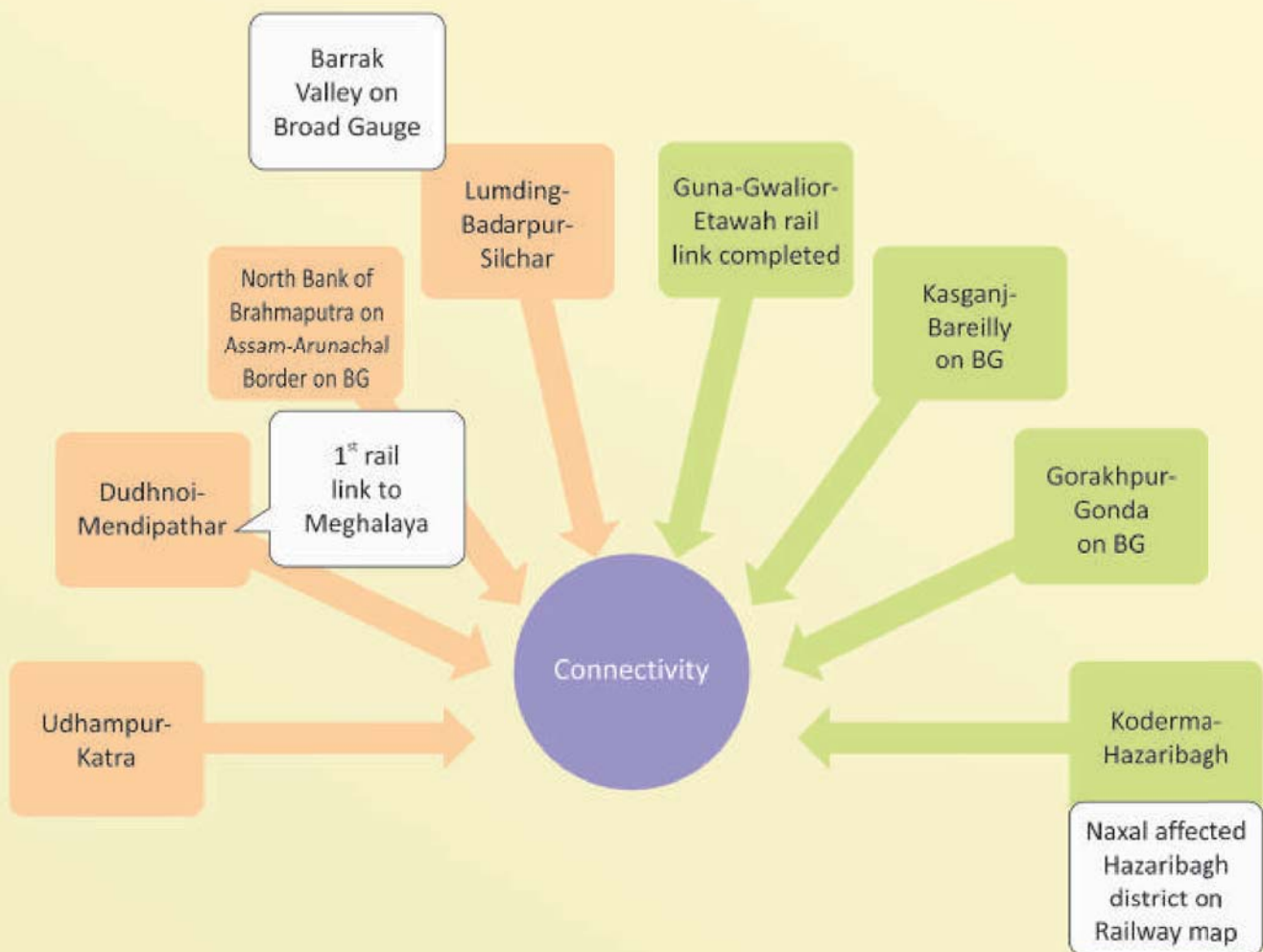


Ordinary working expenses budgeted at 11.7% of Total Revenue in Revised Estimates 2014-15, actually closed lower at 8.6%



Infrastructure Creation





Path-breaking steps in Budget 2015-16

Key features

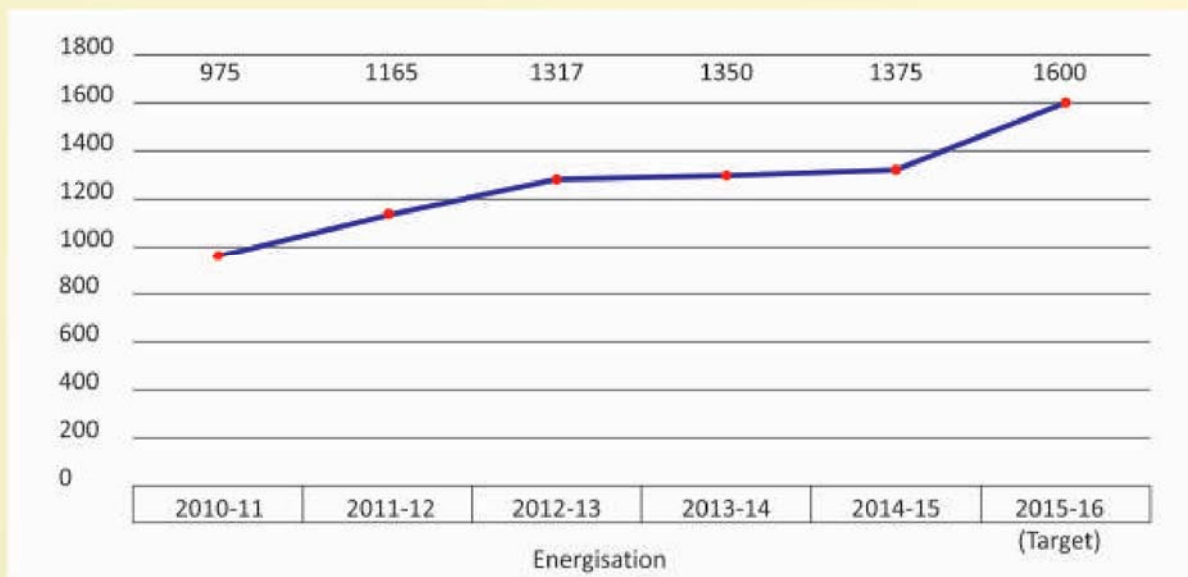
5 year masterplan - investment of Rs. 8.56 lakh crore; dovetailing annual budget to medium term goals

Quantum jump in 2015-16 Plan Outlay to > Rs. 1 lakh crore – 2014-15 Plan Outlay Rs. 65,445 crore (BE)

1st innovative financing - mix of enhanced budgetary support, internal generation, institutional financing & PPP



Railway Electrification Energisation Trends



- Installation of 100 escalators and 100 lifts.
- Agartala, the capital of Tripura will come on Broad Gauge.
- Manipur and Mizoram will also be on BG network by March, 2016.
- Agra – Etawah and Etawah – Mainpuri new lines commissioned.
- Commissioning of Tikamgarh – Khajuraho new line section.
- Capacity enhancement on following routes:
 - Udhna-Jalgaon
 - Viramgam – Surendranagar
 - Viramgam – Samakhlyali
 - Jakhal-Mansa-Bathinda
 - Bhopal – Bina 3rd Line
 - Utretia – Jafrabad
 - Lohta – Bhadohi – Janghai
 - Raipur – Titlagarh
 - Villupuram – Dindigul – Till here on map.
- **103** Budget Announcements already implemented.



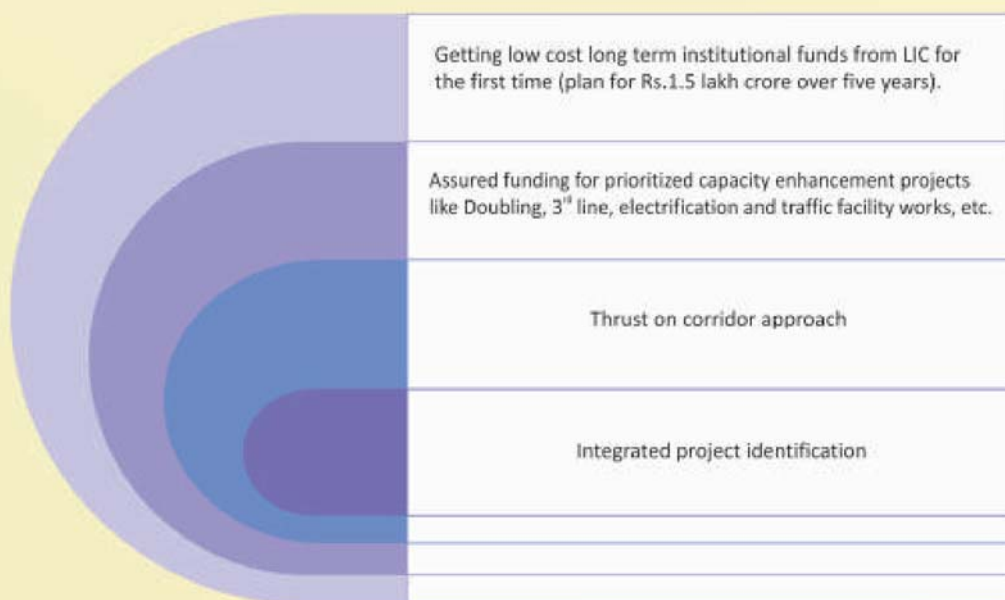
Financing the Plan 2015-16

Sources of Funds	2015-16	% share
Gross Budgetary Support#	41,645	41.6%
Internal resources	17,793	17.8%
Extra Budgetary Resources (EBR)	40,572	40.6%
- Market borrowings through IRFC	17,655*	17.7%
- EBR (Institutional Finance)	17,136	17.1%
-Public Private Partnerships	5,781	05.8%
Total Plan outlay	1,00,011	100%

includes Rs. 1,645 from Central Road Safety Fund

* Rs. 17,276 crore towards rolling stock & Rs. 379 crore for RVNL Projects

Key features



Targets – Annual

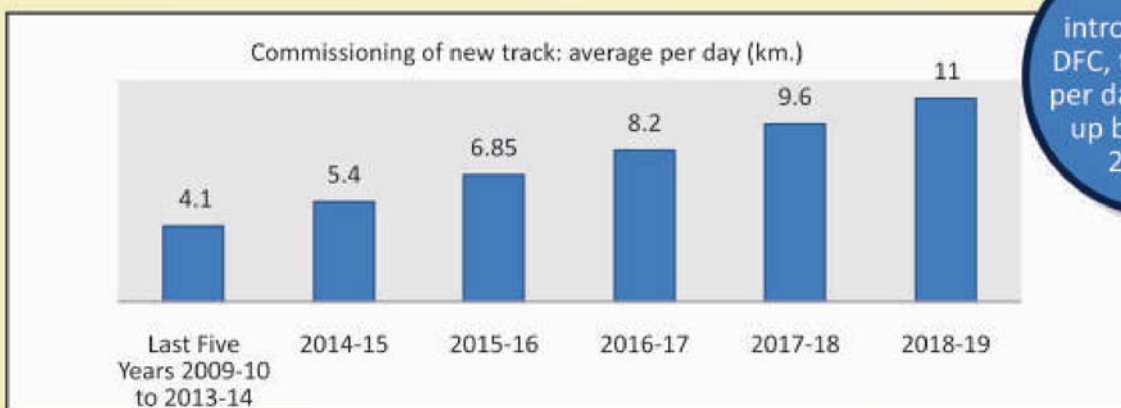
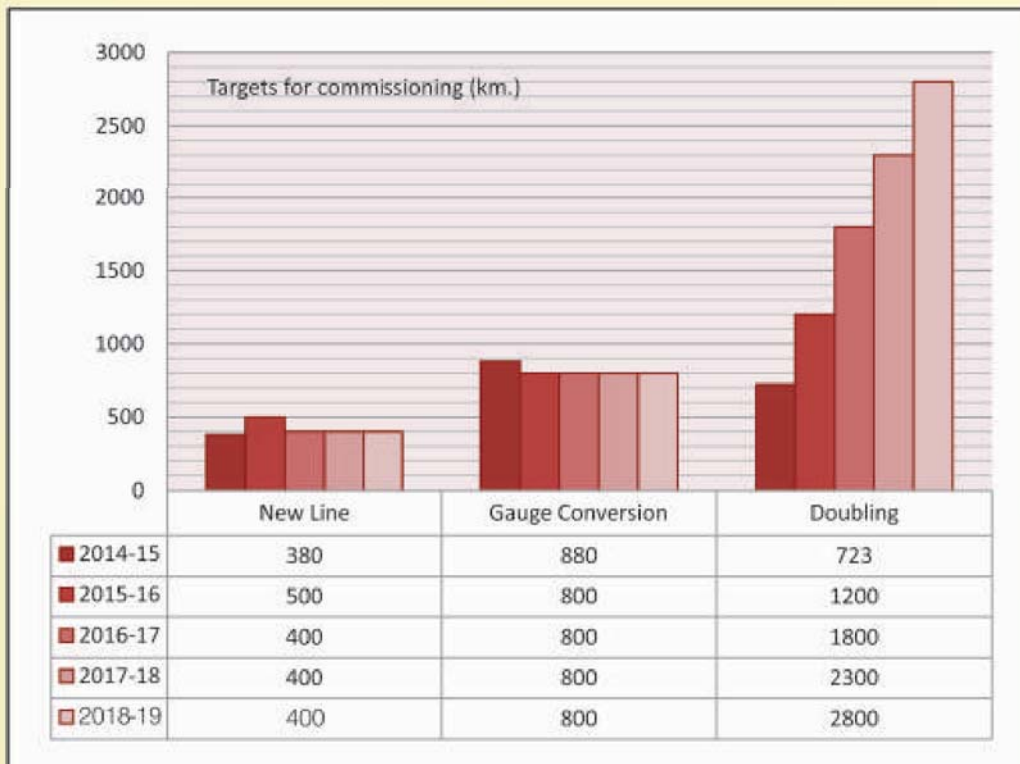
- IR have kept a target of commissioning 2500 km. BG track for 2015-16:



Whatever the mind of man can conceive and believe,
it can achieve. - Napoleon Hill

Targets – 5 years

- Focus on capacity enhancement works:



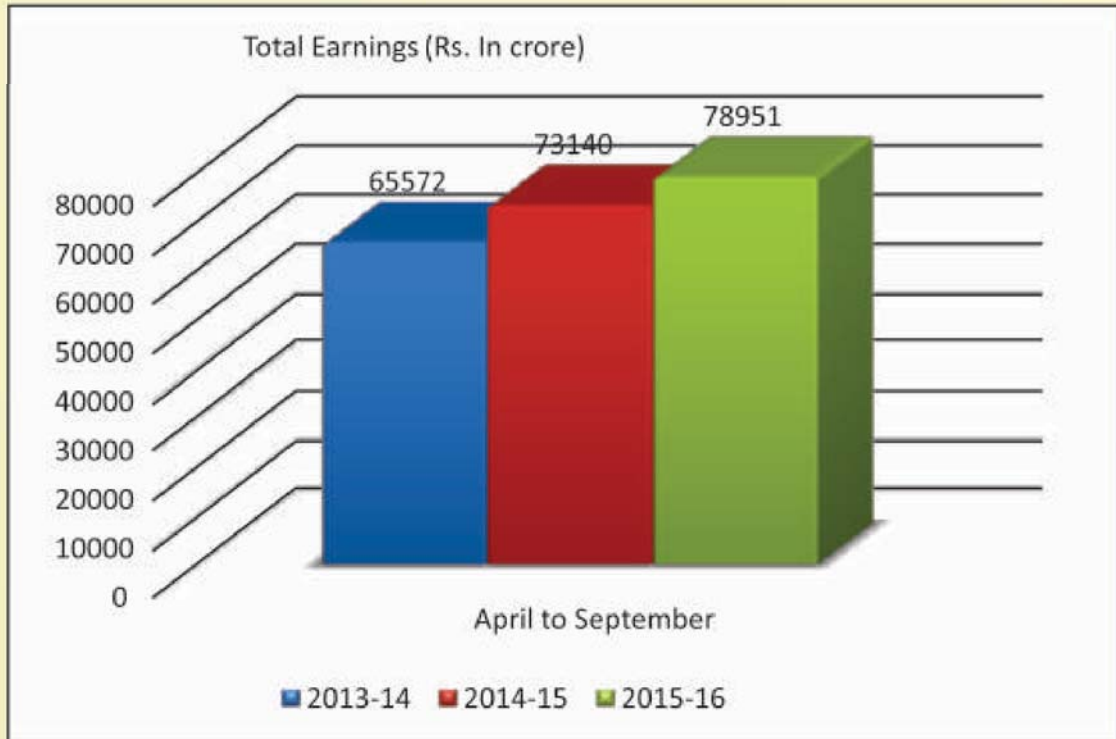
With introduction of DFC, the average per day would go up by 6 km. in 2018-19



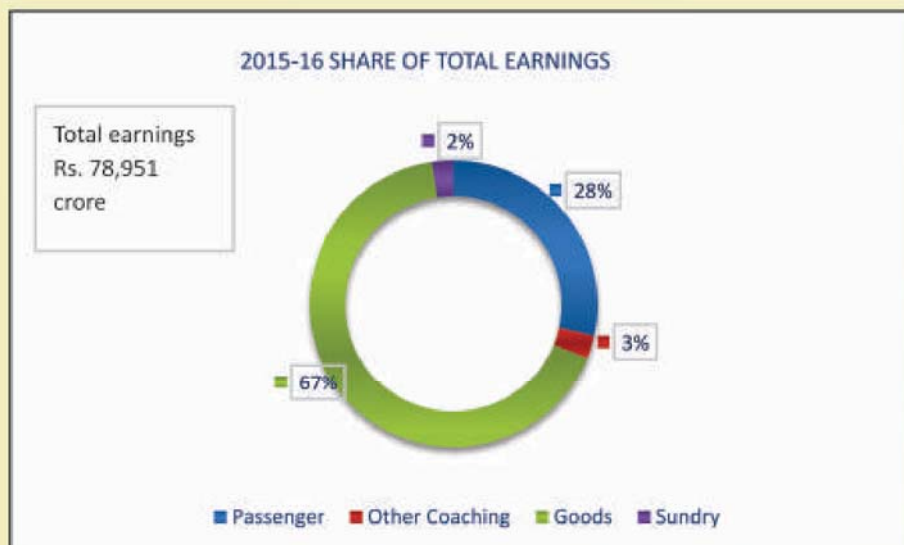
Half-yearly performance (April - September 2015)

Earnings

- The total earnings for the period April to September 2015 was higher than the corresponding period of the previous year by 8.96%.



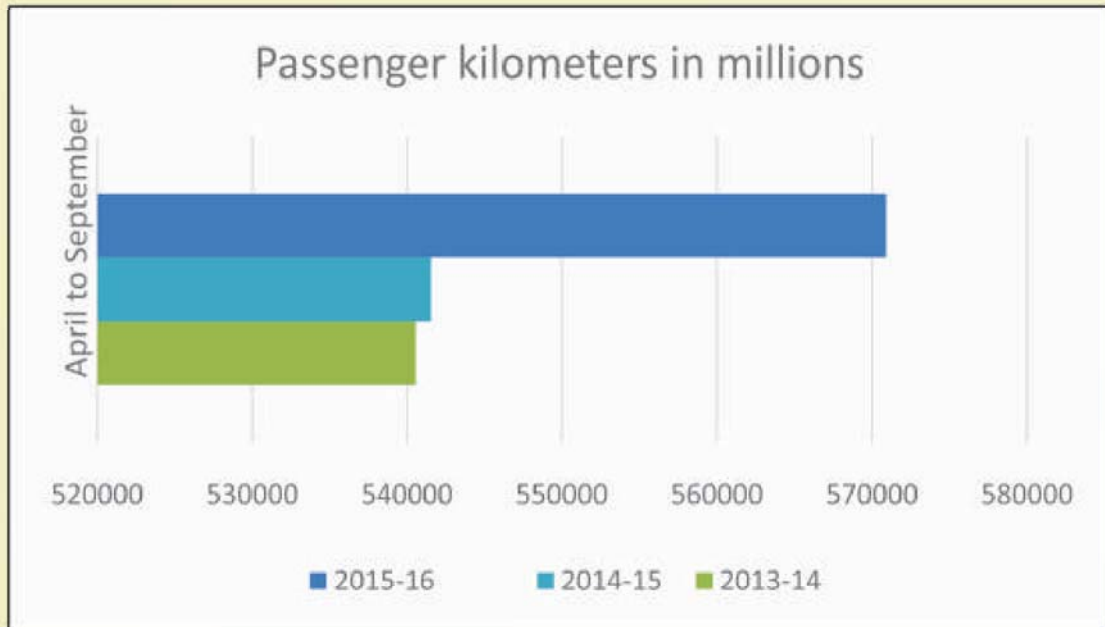
A snapshot of earnings for the period April-September 2015 vis-a-vis the corresponding period of 2014 is depicted below.



'I am not a product of my circumstances. I am a product of my decisions.'
- Stephen Covey

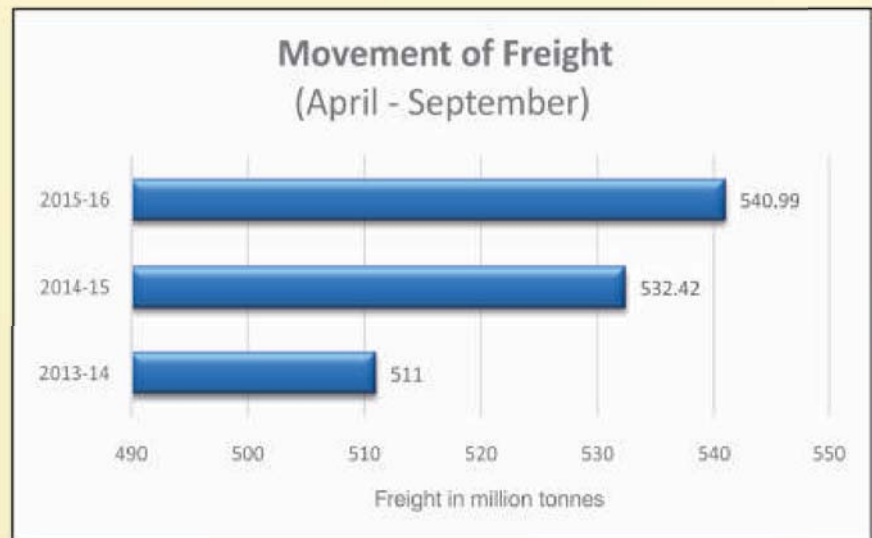
Passenger

The passenger earnings were up by 8.5% for the period April-September 2015 as compared to the corresponding period in 2014. Although the number of passengers has declined over the years, both the passenger kilometers and passenger earnings have increased.

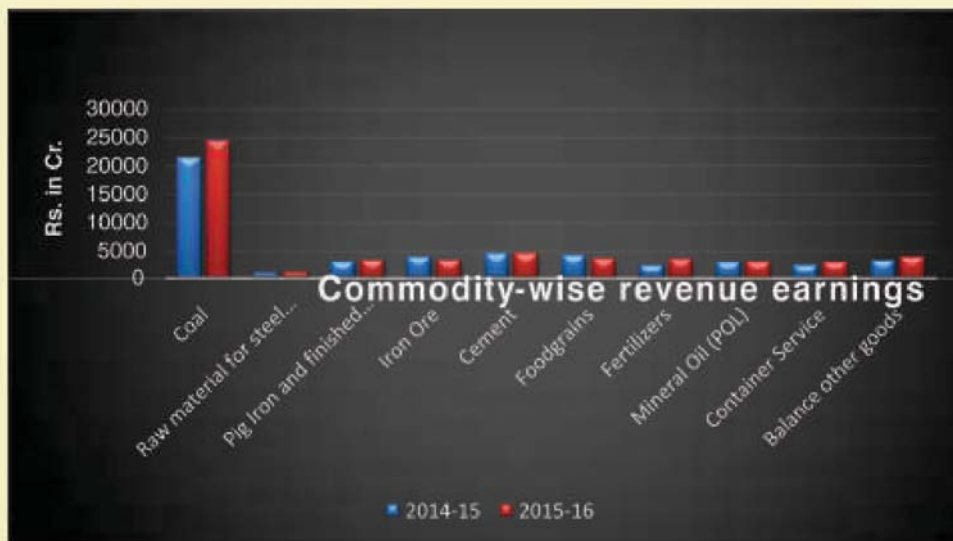


Freight

The freight earnings were up by 10.56% for the period April – September 2015 as compared to the corresponding period in 2014. The movement of freight over the last few years can be seen in the figures below.

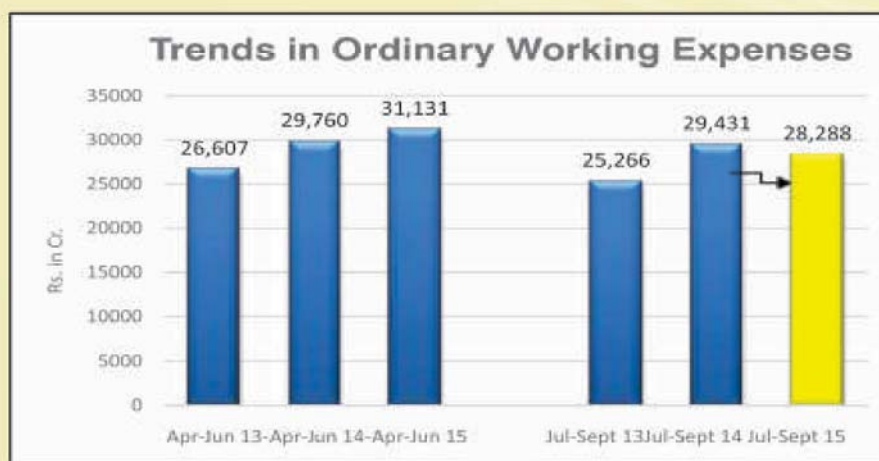


The commodity - wise performance of freight moved by Indian Railways is as under:



Expenditure

The working expenses grew by only 0.39% for the period April-September 2015 over the corresponding period in 2014.







Achievements (November 2014-September 2015)

Asset Creation

- Commissioning of New Lines, Doubling and Gauge Conversion: 2003 km. has been done in the current year as against 1626 km. in previous year.
- There has been 87.22% growth in electrification from April to September 2015 in route kilometers in comparison to previous year. 498 km. done this year as against 266 km. in corresponding period last year.
- Against 2715 km. of Track Renewals/replacement during previous year, 2800 km. has been done in the current year.
- Long pending Agra-Etawah new line (108 km.) commissioned.
- Loharu-Sikar GC (122 km.) commissioned.
- Dallirajhira-Dondi (17 km.) new line commissioned in Chhattisgarh.
- Port connectivity to Tuna Port provided.
- Key performance Indicators.

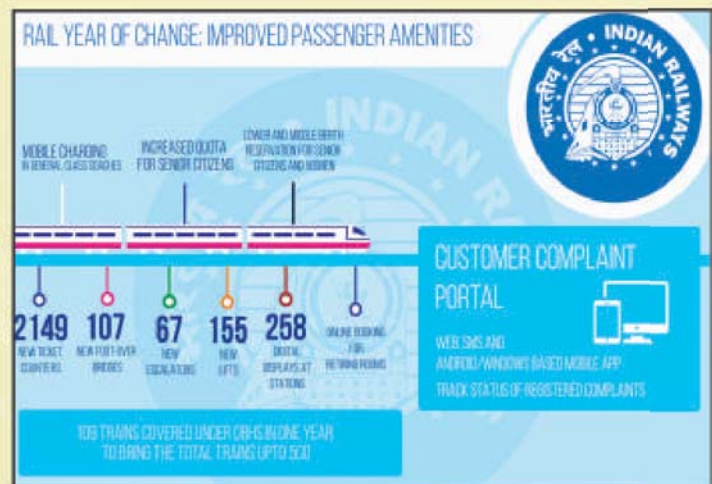
S. No.	Item Description	Progress during Nov'13 to Sept'14	Progress during past one year (Nov'14 to Sept'15)
1.	Commission of New Lines, Doublings and Gauge Conversion Projects	1626 km.	2003 km.
2.	Track Renewals/ replacements	2715 km.	2800 km.
3.	Offering of Engineering Scrap	5.89 lakh MT	6 lakh MT
4.	Closure of Level Crossings (LCs)	310 Nos.	340 Nos.
5.	Elimination of Unmanned LCs (Nos.)	1100 Nos.	1150 Nos.
6.	Construction of ROBs (Nos.)	221 Nos.	176 Nos.
7.	Construction of RUB/ Subways (Nos.)	1011 Nos.	840 Nos.
8.	Sanction of new ROBs/ RUBs	35 Nos.	970 Nos.
9.	Technical approvals to States for Metro related issues	22 Nos.	25 Nos.
10.	Trials of new technologies	4 Nos.	12 Nos.
11.	Traffic facility works completed	47 Nos.	100 Nos.
12.	Land Earnings	1200 Cr.	1400 Cr.
13.	Sleeper Utilisation	47 lakh	56 lakh
14.	Rail/Weld Failures	4076 Nos.	3800 Nos.

'Definiteness of purpose is the starting point of all achievement'
- W. Clement Stone

Quality of life in journeys

Passenger facilities

- Launch of All–India 24X7 Helpline Number 138.
- Launch of All India Security helpline 182.
- Destination alert and wake up alarm services launched on 139.
- Automatic Destination Alerts to passengers through SMS for Rajdhani and Duronto trains.
- Fitment of dustbins in all coaches including non AC coaches.
- E-catering for wider choice of food on train :
 - Extended to 1500 trains.
 - Station based E-catering on a pilot project at 45 major stations.
 - Mobile Catering - More than 200 catering contracts for Mobile Catering finalized operationalised.
 - Passengers to get variety of food from branded/reputed companies in all trains having pantry cars as an option.
- Out of 1052 stations identified for upgradation to ‘Adarsh Stations’, 956 stations have been developed upto July 2015 and remaining 96 stations are targeted to be developed in current financial year, 143 more stations identified.
- Construction of toilets at 155 additional stations has been completed.
- As against 34 last year, 74 trains has been covered in the current year for Onboard House-keeping.
- Self-operated lockers provided at some stations.
- To ensure availability of clean drinking water at low cost to the passengers, policy on Water Vending Machines (WVM) notified and WVMs being installed at many stations.
- Wi-Fi in Railway stations and trains:
- To provide Wi-Fi/broadband facility at all A1, A and B Category Railway Stations.
 - RailTel has entered into an agreement with Google to provide this facility at all A1 and A Category Stations (Total 400 Nos.).
 - Wi-Fi in 11 stations viz. Bengaluru, New Delhi, Chennai, CST Mumbai, Ahmedabad, Agra Cantt., Secunderabad, Varanasi, Howrah and Madgaon and Ghazipur commissioned.
 - Wif-Fi facility in Ahmedabad Rajdhani & Chandigarh Shatabdi (total 6 rakes) have been sanctioned.



- Mechanized laundries for cleaner linen; 7 new laundries set up.



- Executive Lounges: 48 Executive Lounges will be set up in next 3 years; some in this financial year.
- Computerisation of Retiring Room booking launched at more than 400 locations.
- Concierge Services started at 22 locations.
- Onboard entertainment system in trains :
 - Pilot project on Taj Express approved.
 - Started on Delhi - Amritsar Shatabdi.
 - Tender issued for 6 more Shatabdi trains.
- Corporates, NGOs, Charitable Institutions and Religious Institutions requested to come forward and invest for passenger amenities at stations.
- Passengers information System in all new EMU/MEMU rakes.

Ticketing

- Addition to IRCTC's capacity to handle larger number of reservation requests with speedier response.
- Checks on Touting through modification in the PRS software.
- SMS alerts on cancellation of trains.
- Paperless Unreserved Ticketing through Mobile Phones.
- Concessional ticket booking facility including online concessional ticket booking facility for physically challenged persons.
- Go India Smart Card Scheme launched for cashless purchase of UTS and PRS tickets.
- Online registration of booking of special trains/coaches.

- Automatic refund of Confirmed/RAC e-tickets on cancellation of trains.
- Multi-lingual portal for reservation of tickets.
- Dedicated portal for Mumbai suburban being initiated.
- Currency operated Automatic Ticket Vending Machines operationalised.
- E-ticketing portal in Hindi.
- E-ticketing application for visually challenged persons.
- *New Timetable launched from 1st October 2015 with the following features :*
 - (i) Customer - friendly.
 - (ii) Transit time reduced upto 20-30 (minutes for Bombay Rajdhani(s).
 - (iii) Out of 89 trains, 42 trains were speeded up on WR.
 - (iv) 15 trains extended to Katra.
 - (v) To improve punctuality of trains, the old timings were re-visited and certain changes in timings have been made.
- Regular feedback from passengers being obtained through IVRS and other platforms.
- MoU with NID signed for better coach interiors.
- MoU with NIFT signed for better linen and curtains.



- Instructions have been issued to provide mobile charging facilities in all new general class coaches. Mobile charging facilities will be provided in 3000 existing coaches in 2015-16.
- Quota for lower berths for senior citizens increased from 2 to 4 per coach.
- Instructions issued for TTEs to help senior citizens/pregnant women to get lower berths.
- Instructions have been issued for reserving middle bay for women & Senior citizens.



Whatever you can do, or dream you can, begin it. Boldness has genius, power and magic in it. -Johann Wolfgang von Goethe

Rolling Stock

- Loco Rebuilding - Loco rebuilding has increased from 61 to 85, increasing hauling capacity and fuel efficiency.
- Design and development of 25T axle load wagons :
 - RDSO has developed BOXN25 Design B wagon.
 - Can carry 80 T Pay load with Pay to Tare ratio of 4.13.
 - Throughput per rake will increase to 4750T compared to 4118T for BOXNHL (increase of 15%).
- Provision of Braille signage on 3000 coaches.





- While ICF has cut-in new manufacture coaches, RCF, Kapurthala shall also cut-in from Dec 2015 :
 - Retro fitment on existing coaches also planned.
 - Air - conditioning of crew cabs on new locomotives started.
- Freight capacity enhancement through modern rolling stock :
 - New auto-car wagon with 318 cars capacity per rake developed and 6 rakes introduced in service.
 - New design steel coil wagon developed which provides 68% improved throughput.
 - Frameless tank wagon: Introduced with 7% improvement in throughput.
- First Air - Conditioned (AC) DEMU introduced for service on IR.
- Integral coach factory (ICF) working on development of Air - conditioned EMU, DEMU & High speed (160-200 kmph) DEMU.
- Rail Coach Factory, Kapurthala (RCF) working on development of LHB coach fit to run at 200 kmph.
- Development of High capacity power cars to increase the passenger capacity in Rajdhani/Shatabdi trains.
- Electric loco production (1st Apr – 30th Sep).

Variant	Target 2014 - 15	Actual 2014 - 15	Target 2015 - 16	Actual 2015 - 16	Remarks
Conventional	90	61	50	59	
Three Phase (HHP)	174	61	230	75	Increase by 23%
Total	264	122	280	134	Increase of 10%

- Yardstick for manpower required for maintenance of 3 - phase locos issued. Manpower per loco norm revised from 5.5 to 6.5 for conventional locos to 2.5 for 3 - phase locos i.e. a reduction of nearly 60%.
- Production of Rolling Stock :

Rolling Stock	Nov' 2013 – Sep' 2014	Nov' 2014 – Sep' 2015
Coaches	3476	3710
Electric Locos	244	243*
Diesel Locos	337	325*
Loco Rebuilding	61	85
Wheels	163069	166727
Axles (in Units)	60301	72349

*Production Plan was finalized in Dec 2014

Coaching	Period	
	Nov'13 to Sep'14	Nov'14 to Sep'15
Additional Coverage of trains under OBHS Scheme	34	74
Commissioning/Revival of Clean Train Stations	2	5
Coach detachment	98	105
Coaching Ineffective percentage	5.66	5.99

Under Development

- Indigenous design development and manufacturing of LHB second class coach with pneumatic suspension capable to sustain more than 300% overload.
- Noise reduction in Diesel Locos in crew cabin from around 96 dB(A) to 85 dB(A).

Production Units

- Rail Wheel Plant, Bela commissioned.
- Integral Coach Factory, Chennai- 2nd unit for manufacture of LHB coaches fit to run at 160 kmph made functional.
- Mid life Rehabilitation of coaches at Jhansi completed.
- DEMU factory commissioned at Haldia.
- LHB Bogie frame manufacturing units commissioned at Budge-Budge.



Make in India

- 2 Locomotive Factories at Madhepura and Marhowrah successfully bid after 7 years.
 - Rs. 3,500 crore capital investment expected, significant part of equity would be through FDI.
 - An order book of Rs. 40,000 crore over next 11 years.
- 200 Locomotives (9000 HP) being procured for Western DFC costing over Rs. 5000 crore; involves setting up maintenance facility at Rewari; bid under evaluation.
- Train sets for improving passenger comfort & reducing travel time; EOI invited. 5 international bidders shortlisted for participation in RFP. Financial bids expected in November 2015.
- Rail Coach Factory at Kanchrapara – Fresh RFQ applications have been called. Will be opened in December 2015.



Dedicated Freight Corridors (DFC)

- Two loan agreements with World Bank negotiated for Eastern DFC (Rs. 11375 Cr.).
- Revised estimate for Rs. 81,459 crore approved by Cabinet.
- Contracts for Rs. 17,500 crore finalized since November 2014 (against Rs.12,500 crore cumulative upto November 2014).
- Rs.17,000 crore contracts targeted for award by March 2016.
- Implementation on track for commissioning by 2018.
- **Benefits**
 - 3300 km. of additional network.
 - higher average speed for freight trains.
 - easing of congestion on existing network.
 - impetus to industrial corridor.
 - reducing per unit cost of transportation by enabling double stack container movement, long haul trains.



Improvements in Project Delivery

- 80 capacity enhancement projects included in the Budget 2015-16.
- Out of total 80 new projects announced in Budget 2015-16, DPRs for 73 projects have been received from Zonal Railways, of which 37 DPRs already sent to NITI Ayog and approval of 15 projects received from NITI Ayog.
- All tender-related powers delegated to General Managers.
- All powers to sanction estimates delegated.
- Time period for project commencement since inclusion in budget compressed to 6 months from 2 years earlier.
- Timelines have been set with the objective of fixing contractual agency and commencing execution at the start of working season.



PPP/FDI

- Model Concession Agreements approved :
 - Non- Government Railway (private line model).
 - JV model.
 - BOT model.
 - Customer funded model.
- Connectivity projects :
 - Cumulatively, 9 port connectivity projects (1030 km. with an investment of Rs. 3153 crore) implemented under JV/Non-Government Railway models leveraging just Rs. 404 crore of railway investment.
 - 9 other projects connectivity ports or coal mines (962 km. with investment of Rs. 9453 crore with only Rs. 443 crore of railway investment) under implementation.
 - In principle clearance to 6 more projects which would result in 206 km. of railway connectivity.
 - Through customer funding models, total investment of Rs. 2805 crore for 7 projects (507 km.) facilitated.
 - MoUs signed with Govts.of Odisha, Jharkhand and Chhattisgarh and CIL for coal-connectivity projects.

'Two roads diverged in a wood, and I—I took the one less traveled by, And that has made all the difference.'
 - Robert Frost

Station Redevelopment

- 2010 – 50 stations identified for redevelopment to world class standards; no tangible progress till 2014.
- Habibganj RFQ issued in October 2014, Anand Vihar – RFQ 16-10-2015 and Bijwasan RFQ 18-10-2015 for development through private investment during the current year.
- Chandigarh, Shivaji Nagar, Surat and Gandhinagar are slated for bid out next year.
- New Policy for redeveloping 400 major stations through invitation of open bids finalized with Cabinet approval.



- Guidelines have been issued to zonal railways, information pertaining to stations being uploaded on the Railway website for the prospective bidders.
- Expected investment of over Rs. 1 lakh crore through this route.
- Joint development of 24 stations with Ministry of Tourism to promote tourism. Work has started on 7 stations (RaeBareilly, Amritsar, Agra Cantt, Gaya, Trivandrum, Jaipur & Ajmer).



Environmental Initiatives

- A new Directorate of Environment created.
- A new Directorate for House - keeping set up.
- Visible improvement in cleanliness at stations as part of Swachh Bharat.
- Bio-toilets: 10500 Bio-toilets have been fitted in 3240 Coaches; 32.4% more than the corresponding period of last year.
- First ever in the world, bio-cum-vacuum toilet system introduced on Dibrugarh Rajdhani for trial.
- 1000 MW solar power plants being set up over next 5 years; 10.5 MW already set up; in 2015-16, additional 6.5 MW will be set up; PPP model finalized.
- 10.5 MW wind mills already working; 25 MW will be commissioned in November 2015.
- 3-phase EMU with regenerative braking introduced in Mumbai Suburban service.
- Saving of Rs.200 crore in the financial year through direct bilateral purchase of power.
- Bio-diesel – 5% blending introduced.
- Dual fuel CNG DEMU trains introduced.
- Action Plan on Environmental Accreditation, Water Management and Waste to Energy conversion formulated.
- EoI issued on 05.08.15 for disposal of MSW in an Environment friendly manner by setting up pilot plants on Waste to Energy.





- Three PUs and one workshop directed to take up work for accreditation on Energy Management System ISO-50001, on pilot basis.
- All major production units including ICF, DLW, CLW, DMW, RCF and RWF made compliant to integrated safety and environment standards with introduction of rain harvesting, effluent treatment plants.
- Hotel load converters being tried on Electric locomotives.
- Zero human waste discharge status on certain green corridors: Okha-Kanalas Junction, Rameshwaram - Manamadurai, Porbandar - Wansjaliya and Jammu –Katra.
- Huge environmental saving effected by a new zone - wise budget document resulting in reduction in number of copies printed: saving of about 1.3 million sheets of paper.
- Provision of solar panels on 50 coaches on trial to harness solar energy.
- Sanction for water recycling plants at 10 major depots and 32 major stations has been provided in 2015-16. Water recycling plants established in two coaching depots.

Freight Initiatives

Nov 2013 – July 2014 (Rs. In lakh)	Nov 2014 – July 2015 (Rs. In lakh)	% Variation
1,46,710.26	1,52,397.32	+4%

Parcel Cargo Express Trains (Lease/Non - Lease)

	No. of Rakes	Earning (Rs. Cr.)
Nov 2013 – Sep 2014	1057	207
Nov 2014 – Sep 2015	1163	228
% Variation	10%	10%

Automobile traffic earning

	No. of Rakes	Earning (Rs. Cr.)
Nov 2013 – Aug 2014	364	537
Nov 2014 – Aug 2015	463	807
% Variation	27.19%	50.30%

Private Fright Terminals (PFT)

No. of PFTs		Investment (based on avg. cost of a PFT) Rs. Cr.	
Nov 2013 - Sept 2014	Nov 2014- Sept 2015	Nov 2013 – Sept 2014	Nov 2014 – Sept 2015
9	7	Rs. 253.65	Rs. 407.92

- Indian Railways met enhanced transportation requirements of CIL (9% increase in production in April-Sep 2015). Pithead stocks of coal with CIL reduced to 31.5 MT against 53.6 MT.
- Increased coal transportation has helped improve coal stocks with power plants in the country. The coal stocks with power plants was 26 MT as against 8.5 MT as on 30 September, 2014.
- IR has been able to meet the demand at ports in the country. The indents in most of the ports are now current.



- IR has been able to meet the substantial increase in demand for transportation of fertilizers (increase of 24% achieved during the period April-Sep 2015).
- Automobile Traffic Earning – Automobile traffic earning has increased by 50.30%.
- Special Freight Train Operator Scheme – Proposal approved for procurement of 3 rakes of special wagons to carry steel.
- Freight Maintenance Module sanctioned; It aims at providing a management system for wagon maintenance.
- Electronic Transmission of Railway Receipts(ET-RR) - system of eT-RR has been introduced as a pilot project enabling the consignee to take delivery of goods immediately on their arrival.
- In order to boost the flagging demand of Iron ore for export traffic, distance based Charge leviable on Export Iron Ore has been reduced to Rs. 300/- only.
- Consignments booked and transported directly to Bangladesh without involving trans-shipment and load adjustment at dump points.
- Automatic Freight Rebate Scheme for loading in traditional empty flow direction through FOIS expanded.
- Parcel Management System (PMS) – Computerisation of parcel business on Indian Railways introduced in over 77 stations under Phase-I.
- E-Tendering of Parcel Spaces has been successfully floated and opened parcel leasing tenders for the first time through E-Process.

Special Train Services

- 25 pilgrim special trains have been run on various religious circuits.
- Special transparent coaches with wider windows are being manufactured for promoting tourism in Araku Valley and Kashmir Valley.
- A special train on Gandhi Circuit covering places related to life and work of Mahatma Gandhi run.
- A Kisan Yatra special train to help the farmers has also been run. Kisan Yatra special coaches have been operated from different parts.
- The frequency of Maitree Express was increased from 3 to 4 per week and an additional AC Chair Car was added.
- Mela traffic was efficiently handled at Nashik, Nabakalebar, Pushkaram and Ganesh Chaturthi.
 - Durga and Chhath Pujas.
 - 2593 special trips have been planned during 2015 in comparison to 2590.
 - 5103 coaches have been planned to be augmented temporarily during 2015.
- Indian Railways responded in Nepal swiftly to meet emergencies arising out of earthquakes. 148 coaches were attached in regular trains, 106 Parcel vans were attached and 6 special trains were run.



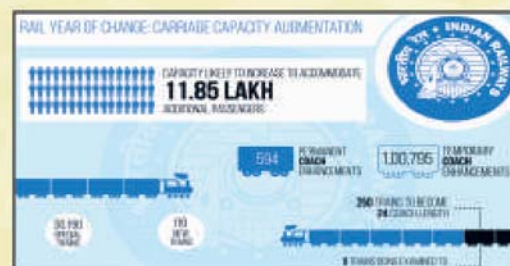
Train Capacity Enhancement

- Action initiated for provision of 26 coaches in 5 pair of trains.
- Train services.

S.No.	Key performance indicators	From Nov.2013 to Sep 2014	From Nov.2014 to Sep 2015
1	Augmentation	322	954
2	Special trains*	15831	16012
3	Additional services provided [^]	74 pairs	6 pairs
4	Additional stoppages provided	615	228

*April to August 2014 as compared to April to August 2015.

[^] Due to line capacity constraints, interalia, no new train was announced in the Railway Budget 2015-16.



Punctuality

- The average daily loss of trains in minutes has come down by 33% from April 2015 to August 2015. The details are as under:

Month	Average daily time loss (in minutes)
April	46376
May	56953
June	58294
July	46876
August	35318
September	40673

Safety

- Proposal invited for installation of 'Fracture Detection System' to detect Rail/weld failures and prevent derailments.
- Implementation of improved AT Rail Welding Technique with use of single shot crucible has been implemented.
- A technological solution for unmanned level crossing has been successful. This was developed in collaboration with IIT Kanpur; to be replicated in more Zonal Railways.
- Detailed estimate for Safety Information Management System (SIMS) has been sanctioned.
- Trials started with Fire & Smoke Detection in non-AC coaches; earlier specification was suitable for AC coaches.
- Provisioning of double action AC compartment swing doors on coaches for faster evacuation of passengers in case of fire emergency.
- WCR has become first Zonal Railway with zero unmanned level crossings.
- Supply and installation of Thick Web switches has started on IR to prevent derailments.
- All recommendations of Kakodkar Committee examined by Railway Board.
- Provision of Fire suspension system in pantry cars and power cars.
- Provision of Vigilance Control Device on 100% diesel locos.
- Load chart for different type of diesel locos, trailing loads for different weather conditions issued.
- Working towards 'Zero Accident' Mission.



Accident Type	Nov. 2013-Sept. 2014	Nov. 2014-Sept. 2015
Collision	4	1
Derailment	62	47
Fire	5	3
MLC Accident	7	6
Miscellaneous Accident	4	7
UMLC Accident	51	36
Total	133	100

Security

- Integrated Security System (ISS) implemented at many stations.
- Provision of CCTV in all ladies compartment in suburban trains and MEMUs. Pilot trials on 3 coaches done. Provision on 500 coaches planned in the current year.

Railway Act	
No. of persons Prosecuted	Amount of fine realized
17,76,040	Rs. 49,94,30,813

- 1,365 persons prosecuted who were engaged in unauthorized procurement and sale of Railway Tickets.
- 1,73,340 persons prosecuted who were engaged in unauthorized vending / hawking in Railway premises.
- 1,34,360 persons prosecuted who were engaged in unauthorized entry into the compartment reserved for women passengers.
- RPF rescued about 9,947 children.



Policy Reforms

- A new policy has been approved by the Cabinet, under which 400 stations of A & A-I category will be redeveloped.
- The review of Private Freight Terminal Policy has been completed. The application fee and security money has been reduced and revenue sharing has been discontinued.
- Special Freight Train Operator policy reviewed and made more customer-friendly by removing barriers to entry.
- IR has decided to switch over to EPC mode of tendering to expedite project execution.
- Policy issued to handle unloadable wagons by railway PSUs.
- Issue of JPO on Twin Pipe operations of freight trains.
- Running pattern of steel rakes revised to introduce round trip running for achieving higher rake utilization.
- Policy issued to make Indian Railways rolling stock competitive in international markets.
- Policy for 100% fitment of distributed power supply system on HHP freight locos. This would allow running of train with 2 locos reducing acceleration/deceleration time.
- Discontinued ALCO locomotives production for IR main line service and only 4500 HP and above locos would be produced.
- Development of dual mode locomotive for working on electric as well as diesel traction.

- Rate of subsidized meals for Running Staff revised after 5 years.
- Trials for Hotel load on Diesel locomotives with Push - Pull arrangement conducted successfully.
- Planned for fitment of remote monitoring and management of 100% locomotives and trains on ALCO locos facilitating online monitoring of locomotive performance.
- Policy for rationalization of raising maintenance charges of defence owned rolling stock issued.
- Policy for POH of Meter Gauge Diesel Locomotives reviewed and issued for bringing in better quality of maintenance and efficiency.
- Diesel loco rebuilding & for manufacturing of other diesel locomotive components plan issued. Three years production programme for coaches under process.
- Migration to 1600 HP 3-Phase AC-AC DEMU having] (DPC)+ 4 (TC) configuration as against 1+3 of 1400 HP DC-DC DEMU.
- Policy directives for IMS certification of all workshops and PUs by 31/03/2016 issued.
- Policy of periodicity of ROH of BOXNHL wagons reviewed to increase their availability. The earlier policy required ROH at 18 months which has now been increased to 24 months.
- Review of scrap disposal policy completed, recommendations under examination.
- Policy directives for energy audits of Zonal Railways and PUs issued.
- Power to empanel C.G.H.S approved private hospitals for railway workshop beneficiaries has been delegated to General Managers.
- FSO (Food Safety Officer) posting at every division of Railways for better surveillance of FSSA Act.
- Instruction regarding extension of facility of joining RELHS-97 to all those railway employees who retired at the normal age of superannuation irrespective of numbers of years of their service before superannuation.
- Increasing age limit of Honorary Visiting Specialist (HVS) to 64 years.



'You can never cross the ocean until you have the courage to lose sight of the shore.'
 - Christopher Columbus

Improved Working Practices

- Powers delegated to Railways for sanction of estimates and finalisation of tenders.
- Powers of RDSO and Centralised Training Institutes have also been revised based on functional requirements.
- All higher level appointments completed. 20 posts of GMs and 50 posts of DRMs filled during this period.
- Major savings have been achieved in construction of Bridges through design optimization.
- Policy decision to manufacture only IGBT based three phase locos (HHP) ex. CLW from 2016-17 onwards taken. IGBT locos have regenerative braking features which can save up to 20% electrical energy.
- 3-phase regenerative features in Kolkata Metro, EMU and MEMU Coaches.
- Development of high capacity power cars to increase the passenger capacity in Rajdhani/Shatabdi trains.
- Five stainless steel AC EMU rakes manufactured at ICF equipped with IGBT based 3-phase propulsion system for Mumbai Suburban with speed potential of 110 Kmph.
- Purchase Order placed for procurement of 14 fully furnished rakes equipped with IGBT based 3-phase propulsion system for replacement of old Kolkata metro rakes.
- For testing of Rails, old Analogue USFD Testing Machines are being replaced with modern Digital USFD Machines. Done in 7 Railways and work is in progress in other Railways.
- Implementation of improved AT Rail Welding Technique with use of single shot crucible has been implemented.
- National Train Enquiry System (NTES) meant for providing update arrival/departure of train to the public is now available through Railway Enquiry No. 139.
- Mobile application for train enquiry on Windows and Android platforms launched.
- Control Office Application(COA) is running on all control offices of Indian Railways. Integration between COA, NTES and ICMS has been completed.



Train Operations

- 95 Permanent Speed restrictions (PSRs) have been relaxed/removed during the year; target is 135 this year.
- Operations Audit ordered for the most congested section of IR between Ghaziabad and Mughalsarai.

Transparency

- New transfer policy for officers issued.
- E-procurement and e-tendering system extended to 216 Depots/Divisions in the Zonal Railways.
- Sale of scrap is 100% computerised through E-auction.
- Work for introducing E-tendering in works contracts is in advanced stage and will be completed by March 2016.
- IR has decided to switch over to EPC mode of tendering to expedite project execution.
- Online examination for recruitment in 54 categories.
- Structural changes in Engineering Services Examination(ESE) and its syllabi.
- Question paper, answer sheet of the candidates and answer keys for SSE JE examination 2015 have been uploaded on RRB websites for self-check by candidates.
- New RRB Manual has been issued after a gap of 15 years.



Technology

- A web-based portal has been launched for online submission and approval of General Arrangement Drawings (GAD) of RUBs/ROBs of MoRTH/NHAI.
- Web-based system for expeditious clearance of track crossings has been introduced.
- Bio - metric Attendance System implemented at Railway Board.
- Complaint Management System launched.
- A new work "Pipeline management System and Forecasting Congestion at Unloading Terminals" sanctioned. This will help in better utilization of rolling stock.
- A work for expansion of Integrated Coaching Management System (ICMS) sanctioned. It will help in expanding ICMS at 249 locations of Indian Railways.
- An integrated Virtual Private Network (VPN) based budget application has been introduced. All budget related policy circulars & orders are accessible simultaneously on IR website & the shared VPN folders.

- Web - based Track Management System (TMS) has been implemented on all 68 divisions of Railways.
- Centrally managed railway display network technology approved; proof of concept to be launched at 10 major stations.
- Technology mission for Indian Railways set up in collaboration with Ministry of Human Resource Development and Department of Science & Technology.



Savings in Fuel Consumption

- All new diesel locos to be fitted with auxiliary units. This would entail a saving of Rs. 20 lakh/loco/p.a. Retro-fitting of existing locos also planned.
- Specific Energy Consumption improvement on continuous basis – improvement of 17% achieved in last 5 years. As per BEE assessment, an improvement of 3.3% was achieved over the previous year.
- Signing of MoUs with MoP/MNRE/BEE for cooperation in field of power, transmission and renewable energy.
 - Started procuring power through Open Access, 50 MW power in NCR (from DVC), started from March 2015– savings of about Rs. 70 Cr. achieved from April to Aug 2015.
 - Maharashtra State regulator revised the Railway electricity tariff, saving about Rs. 30 Cr.
 - M.P. DISCOMs have reduced tariff by about Rs. 0.30 per unit saving about Rs. 15 Cr.





- DC to AC conversion in the Central Railway has reduced energy consumption saving about Rs.20.0 Cr.
- SER has tied up to shift 40 MW traction load at two TSS in Jharkhand saving about Rs. 5.0 Cr.
- Transfer of load at Malwa TSS on the Railway transmission system in NCR will save about Rs. 5.0 Cr.
- A PPA to source 100 MW power signed with GUVNL @ 3.80 per unit with cost at TSS about Rs. 5.0 per unit which can save up to Rs. 100 Cr. per year.
- 500 MW power tied up from RGPPL @ 4.70 per unit at TSS. This can save up to Rs. 300 Cr. per year.

- Order for 2 MW issued and LOA for 4.5 MW issued.
- Policy for harnessing solar energy on roof tops of Railway buildings has been finalized. The tender documents for procuring 50 MW solar plants on IR in final stages of preparation.
- Providing solar panels on roof of Railway coaches being taken up after a successful trial on a general coach.

1) Wind Power: 10.5 MW already installed:

- Tender of 10.5 MW in progress in Southern Railway.
- Provision of 25 MW in Rajasthan in final stage and will be commissioned soon.
- Railway Energy Management Company has been asked to carry out necessary feasibility for another 130 MW wind plants.

2) Energy efficiency improvement:

- 18 National Energy Conservation Awards bagged by Railways.
- Railways will conduct 150 Energy Audits in the current year.
- Directives have been issued to Zonal Railways promoting use of LED tube light fittings for new office buildings.



Accounting Reforms

- Migration to accrual based accounting system.
- Costing reforms to ensure outcome based budgeting.
- Accounting Reforms in collaboration with MIS to track budget - expenditure - output - outcome.

Human Resources

- MoU signed with University of Mumbai for setting up Centre for Railway Research. Three more such Centres for Railway Research being established.
- M. Tech Programme in Railway Engineering for Railway Officers and staff being introduced by IIT, Kharagpur from academic session 2015-16.
- Detailed Project Report for establishment of Railway University submitted.
- Areas of research at Kharagpur, Kanpur, Roorkee and Chennai, Mumbai University finalized.
- Instructions issued to General Managers to arrange training on soft skills for all front-line staff.
- Instructions for mandatory yoga training for all officers/staff of Indian Railways including RPF personnel issued.
- Training of 30 DRMs conducted at the SDA Bocconi, Business School, Italy.
- MoU signed with the Ministry of Skill Development and Entrepreneurship (MSDE) to make available spar-able railway infrastructure to start skill training centres in rural and remote areas.
- Deloitte has been entrusted with the task of studying manpower rationalization of Group 'A' services.
- To improve manpower productivity, a Standing Committee has been constituted to review existing activity based yardsticks for optimization of staff requirement.
- Mechanism for conveying birthday greetings to all employees on behalf of Hon'ble MR through letters executed.



'The best time to plant a tree was 20 years ago. The second best time is now.'
 - Chinese Proverb



Staff Welfare

- 13,000 staff quarters repaired.
- 4 Holiday Homes identified for upgradation.
- Power to empanel C.G.H.S approved private hospitals for railway beneficiaries delegated to General Managers.
- Instruction issued regarding extension of facility of joining RELHS-97 to railway employees who retired at the normal age of superannuation irrespective of numbers of years of their service before superannuation.
- Increasing age limit of Honorary Visiting Specialist (HVS) to 64 years.

Health Services

- 1506 food samples collected under PFA in 2014-15 as against 358 in 2013-14.
- Number of Medical Audits done in 2013-14 is 29291 and in 2014-15 is 66801.
- Number of passengers provided Medical Aid during journey/at stations/yards/etc in 2013-14 is 27208 and in 2014-15 is 31957.

Resource Mobilisation

- First tranche of LIC loan drawn by IRFC. LIC to provide Rs. 1.5 lakh crore over a period of five years for Railway projects.
- Financial Services Cell constituted in Railway Board.
- Advisory Board on financial matters constituted.
- World Bank has initiated feasibility study for setting up fund for financing projects.
- To expedite resource mobilisation for project execution, IR plans to form SPVs with State Governments. 17 States have already given 'in principle approval' for formation of SPVs. A Cabinet note for consideration of CCEA has been sent.
- Tax free bonds for Rs. 6,000 crore sanctioned for issue.
- IRFC authorized to issue rupee bonds abroad for raising funds.
- Future five year cash flows prepared.



Railway Land

- Digitization of land records involves digitized mapping of land records including :
 - a) Data of 40000 land plans out of total 52098 land plans, have been entered in the TMS.
 - b) For GIS mapping of land assets, land boundary plans have to be prepared in Auto CAD; 27550 land plans have been prepared in Auto CAD.
 - c) Instructions issued to all General Managers for reporting fresh cases of encroachments along with the details of officials held responsible every month.
- Vacant land plots of area more than 1 acre uploaded on web.

Railyatri Pakhwada

- Massive customer interface programme launched between May 26 to 9 June, 2015 tangible outcomes:
 - 233 projects/works of passenger amenities launched at an approximate cost of Rs. 4000 crore.
 - 73 passenger amenities and capacity augmentation projects were commenced costing approx. Rs. 550 crore.
 - 7000 Railway stations were inspected by railway officials.
 - 4000 road shows were undertaken by senior railway officers at railway stations and in trains.
 - 7 million passenger interactions through railway officers and staff, unions, NGOs, scouts/ guides, charitable organizations and social media.
 - 7500 cleanliness and sanitation drives and inspections were undertaken at various stations, railway premises and colonies under 'Swachh Bharat Abhiyan'.
 - 2700 catering services checks were undertaken.
 - 4600 intensive ticket checking drives were launched resulting in detection of 1.6 lakh cases and recovery of Rs. 9 crore of railway revenue.
 - 3000 inspections for improving punctuality of trains were undertaken.
 - 8500 inspection were conducted by railway officials as part of Intensive safety awareness drives.

'Those who want to sing always find a song' - Swedish Proverb.



- 1400 inspections conducted to check the presence of anti social elements/ touts.
- 10 MoUs signed between Zonal Railways and Railway PSUs for development of passenger amenities through CSR at 10 identified Railway Stations.
- 55000 persons both railway employees and their families and also members of public attended 1300 Medical and Health Camps.
- 22000 staff quarters taken up for repairs and maintenance.
- 19000 persons attended 590 Yoga camps.
- 176 press conferences organized at Zonal HQs, divisional HQs, State Capitals and District Hqs; over 6700 news items published highlighting our initiatives.





EXPECTED OUTCOMES BY 2018-19		
Items		
Freight Carried	1.5 billion tonnes	
Passenger Carried	30 million passengers per day	
Track	New Line	1700 km.
	Gauge Conversion	3200 km.
	Doubling Line	8100 km.
Stations	3 stations will be completed for redevelopment to international standards	
Train sets	10 train sets should be operationalised	
Dedicated Freight Corridor	Will be Commissioned	
Wagons	Better pay load to tare ratio from existing 2.8 to over 4.0	
Madhepura & Marwohra	Production of state-of-the-art locos	
All A1, A & B category stations	Wi-Fi enabled	
Hand Held Terminals	Hand Held Terminals in all trains	
LHB coaches	Completely switchover to LHB coaches production which are much better in safety standards	
Railway Electrification	Addition of 10,000 kms of electrification	
Semi High Speed Corridors	Corridors to have speeds ranging 160-200 for inter metro journeys	
Bio-toilets	40,000 coaches out of the total stock of 50,000 coaches would be converted to bio-toilets	
Level Crossings (LC)	Elimination of about 5000 -6000 unmanned Lcs and elimination of 1200 manned Lcs	
Internet ticketing penetration	Increase from existing 54% to 75%	
Paperless unreserved tickets	All suburban sections would be covered	
Environment accreditation for Railway stations	All A1 Class (75) stations to have integrated management system accreditation	
Waste to Energy	All A1 Stations (75) to be zero waste arising stations	
Renewable Energy	1000 MW of solar power from existing 10 MW 200 MW of wind energy	
Connectivity to North East	<ul style="list-style-type: none"> Capital of Tripura, Mizoram and Manipur will be Broad Gauge Bogibel Bridge connecting north Bank and south bank of Assam at Dibrugarh will be completed 3rd alternative route to North-east viz New Maynaguri to Jogighopa New Line will be completed 	
Regulator	To be in place	



PMOIndia-ReportCard
?@PMOIndia_RC Oct 14
New trains "Suvidha" for festive
seasons. Thanks @RailMinIndia
@sureshprabhu
<http://fb.me/7DgcuJrpo>

bishal banerjee ?
@bishalb2008 Oct 16
I travelled in ypr duranto more dan
a yr back & nw dat I'm traveling 2day
der hs bn a huge improvement in
cleanliness. @sureshprabhu (y)

Ashwin Gokhale@gokhaleashwin 4h4
hours agoMeals on Wheels. Improved
services. Had one of the better soups
on a train in quite some time. Kudos
@sureshprabhu
@RailMinIndia #IRCTC

Omkar Tiwari ?@aimcu Oct 15
@sureshprabhu we just check-
in andrapradesh sampark
karanti exp, train is so neat and
clean. great wishes to you sir

D Kumar ?@ajmdk Oct 15
@sureshprabhu @RailMinIndia
#SwachhBharat Mr prabhu proved,
with little determination n vision alot
can be achieved. Kudos!!!

Yagyaseni ?@desi_brat Oct 15
Kudos to @sureshprabhu &
@RailMinIndia for maintaining the
Katra Vaishno Devi station so
beautifully #solar

Amit Sahu ? @ammyRULES007 Oct 15
@RailMinIndia @sureshprabhu nw
we can book our ticket on phone
also..GREAT @sureshprabhu sir.

अरविंद श्रीवास्तव @jaimalyak17 6h6
hours ago View translation
@rs3360031 @ RailMinIndia
@sureshprabhu भाई फोटो बिलक
न करके देख लो और सफर नहीं करते
क्या अब रेलवे मा माहौल बदल रहा है
ये मेरा अनुभव है।

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translation
रेलवे फोन करके अपने सफाई व्यवस्था
और रेल के समय से आने जाने के बारे
में जानकारी ले रही है।वाह
#achhedin @
sureshprabhu
@RailMinIndia

Shrenik Shah ?@shrenikshah5
4h4 hours ago
@sureshprabhu Great
improvements sir, traveling by
Mumbai ahmedabad Shatabdi.
Hats off.

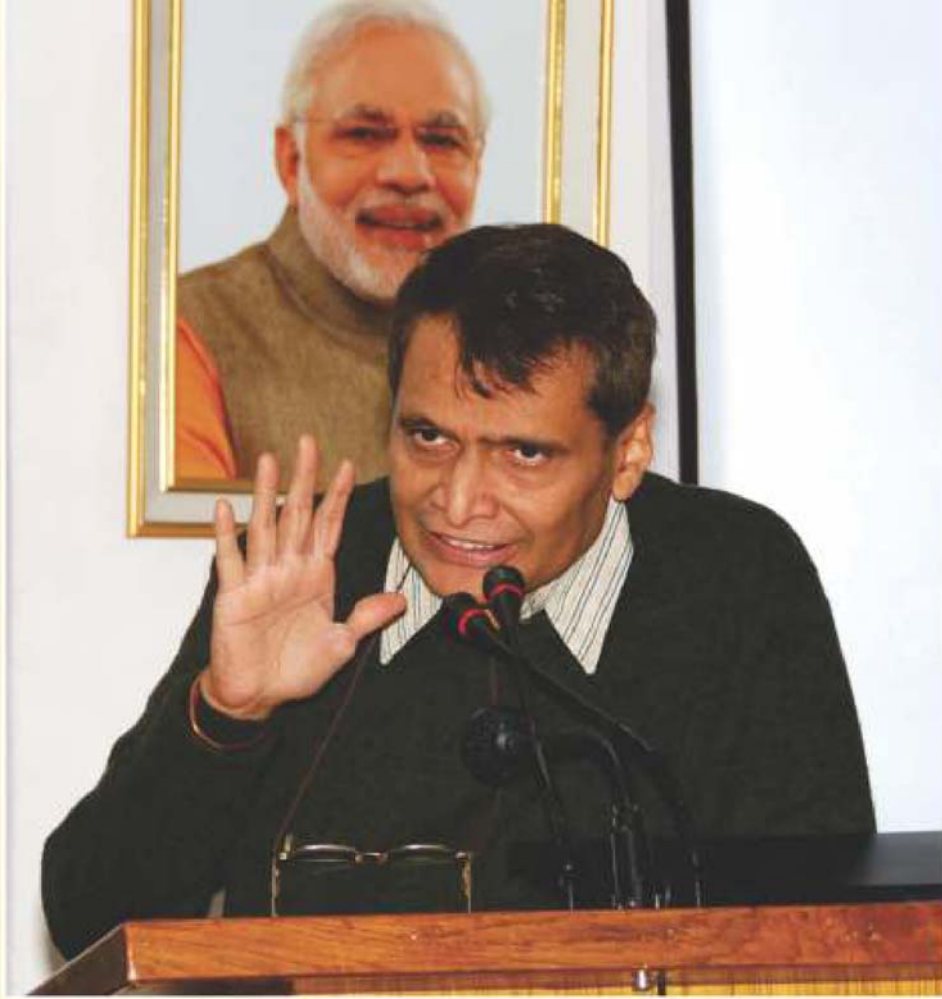
Mailaragouda ?@mailaragouda
14h14 hours ago
Ache lagatha hai !! Hubli
Railway station !
@narendramodi
@sureshprabhu ,
Swach Bharath, Swach
Rail is on track !!

Ramswaroop Dangi
?@Ram_dangi 15h15 hours
ago@sureshprabhu Good
mrgng sir. I am in Chandigarh
Indore train. Good cleaning and
on right time. I hv seen many
improvements in last 6 mnts

Sudeesh vc ?@sudeesh73
Oct 15Trivandrum,
Kerala@sureshprabhu
@sunilbajpai @TVC138
vanchinad parsuram& venad
expr passgrs surprised by its
onboard cleaning today

Raja Janardhan
?@RajaJanardhan Oct 15
@JvPrasanna
@sureshprabhu I had regd
on @IRCTC 15yrs back. Never
booked a ticket. Recently
booked via IRCTC app. Super
quick it was.

Ramswaroop Dangi
?@Ram_dangi 15h15 hours
ago@sureshprabhu Good
mrgng sir. I am in Chandigarh
Indore train. Good cleaning
and on right time. I hv seen
many improvements in last
6 mnts



Swami Vivekananda once said,
"Take up one idea. Make that one idea your life -
think of it, dream of it, live on that idea.

Let the brain, muscles,
nerves, every part of your body be full
of that idea, and just leave every other idea alone.

This is the way to success."

For me, that idea is the transformation of Indian Railways.

We can, and will, turn the Railways around.

We will fulfil the Prime Minister's vision for the Railways.

We seek the support of all of you in this national
endeavour which holds the key to the transformation of India itself into
Ek Bharat Shrestha Bharat.

लहरों से डर कर नौका पार नहीं होती,
कोशिश करने वालों की कभी हार नहीं होती।
नहीं चींटी जब दाना लेकर चलती है,
चढ़ती दीवारों पर, सौ बार फिसलती है।
मन का विश्वास रंगों में साहस भरता है,
चढ़कर गिरना, गिरकर चढ़ना न अखरता है।
आखिर उसकी मेहनत बेकार नहीं होती,
कोशिश करने वालों की कभी हार नहीं होती।
डुबकियां सिंधु में गोताखोर लगाता है,
जा जा कर खाली हाथ लौटकर आता है।
मिलते नहीं सहज ही मोती गहरे पानी में,
बढ़ता दुगुना उत्साह इसी हैरानी में।
मुट्टी उसकी खाली हर बार नहीं होती,
कोशिश करने वालों की कभी हार नहीं होती।
असफलता एक चुनौती है, इसे स्वीकार करो,
क्या कमी रह गई, देखो और सुधार करो।
जब तक न सफल हो, नींद चैन को त्यागो तुम,
संघर्ष का मैदान छोड़ कर मत भागो तुम।
कुछ किये बिना ही जय जय कार नहीं होती,
कोशिश करने वालों की कभी हार नहीं होती।
हरिवंश राय 'बच्चन'



INDIAN RAILWAYS