Building Infrastructure for a modern & futuristic India

"Quality infrastructure propels growth. It connects people, brightens their lives and brings India closer to the world."

— Narendra Modi
Then & Now
BUILDING INFRASTRUCTURE FOR A MODERN & FUTURISTIC INDIA

THEN
SLOW, DIRTY TRAINS

NOW
MODERN, CLEAN, RESPONSIVE RAILWAY
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THEN
TARDY HIGHWAY CONSTRUCTION

NOW
100KM/ DAY RURAL ROADS CONSTRUCTION
Infographics
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Bringing light to every un-electrified village

From Darkness to Light

Challenge = To electrify 18,452 un-electrified villages in 1000 days

Progress = (40%) 7,787 villages already connected
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Illuminating the length & breadth of India

- Power Grid commissioned transmission projects worth Rs. 30,300 cr
- Transmission projects worth Rs. 1 lakh cr initiated in 2015-16
- Transmission lines increased 1.5 times from 33855 ckm to 50215 ckm
- 1,28,403 MVA growth in Sub-station capacity in 2014-16 – Highest ever
- 71 % growth in transmission capacity to South India Power Distribution
- Energy deficit comes down to 2.1% in 2015-16 – Lowest ever
- Rs. 1.4 lakh cr. allotted for sub-transmission and distribution infrastructure as per Integrated Power Development Scheme (IPDS) and Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)
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Indian Railways picking up speed

India to get its first **Bullet Train** with co-operation from Japan

High Speed railway construction set up between **Mumbai and Ahmedabad** by National High Speed Corporation

Fastest train introduced- **‘Gatiman’ Express** (160 Kmph)

High speed **‘Talgo’ trains** (200 Kmph) to arrive soon for trials
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Unprecedented focus on Railway Infrastructure

- Capital investment of Rs.500,000 Crore
- All capital cities in North East to be connected by Broad Gauge by 2020
- Zero Unmanned level crossings on Broad Gauge in next 3 years
- Special Railway safety fund of Rs.1,000,000 Crore
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Building a connected India

- 6026 kms of highways constructed in 2015-16
- Rate of construction increased from 8.5 km/day to 12 km/day
- Rate of construction under Pradhan Mantri Gram Sadak Yojana (PMGSY) increased from 73.5 km/day to 100 kms/day
- 18488 habitations connected with 72835.81 kms of highway construction in 2014-16
- Target construction of highways by 2019 = 2.23 lakh km
- Target eligible habitations to be connected by 2019 = 65,000
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Major Highway Programmes

Currently underway

- National Highways Development Programme - 55,229 Km
- Special programme for North Eastern Region - 10,141 Km
- Left Wing Extremism affected areas - 5477 Km

New Initiatives

- Bharatmala: National Highways to connect coastal/ border areas, pilgrimagesites and district headquarters
- Setu Bharatam to make national highways free of railway level crossings by 2019
- 1000 km of Expressways along High Density Corridors

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Power for All for Powerful All

- Highest ever conventional power capacity addition of 46,453 MW in 2014-16
- e-Auction and allotment of coal blocks in 2014 = 74 (31 and 43 respectively)
- Forwarded Rs. 3.55 lakh cr of potential revenues to coal bearing States
- Average coal stock increased from a critical point of less than 7 days to more than 25 days
- Highest ever growth in coal production (2014-16) = 74 MT
- Rs. 28,000 cr saved due to reduced coal import (2015-16)
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India LED the World

World's largest LED bulb distribution programme
No. of LEDs distributed increased **150%**, from **6 lakh** to **10 crore** in 2014-16
Energy efficient **LED fans** and **agricultural pumps** launched
Increased wattage from **7W to 9W** at reduced price

**Transparent procurement reduced price of LEDs by 82%**

![Graph showing price reduction from February 2014 to March 2016](chart.png)

<table>
<thead>
<tr>
<th>Month</th>
<th>Price (Rs)</th>
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<tr>
<td>Feb'14</td>
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<tr>
<td>Nov'14</td>
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<td>Mar'16</td>
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Charting the way for DISCOMs to grow

Ujwal DISCOM Assurance Yojana- The most comprehensive power sector reform ever
Permanent resolution of DISCOM issues by focusing on increasing operational and financial efficiency

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India becomes world’s clean energy capital

- Renewable capacity to be increased 5 times to 175 GW by 2022
- Wind power capacity output of 3300 MW in 2015-16 was 38% above target
- Solar power capacity output of 3018.80 MW in 2015-16 was 116% above target
- Solar projects, with capacity of 20904 MW, tendered in 2015-16 (Awarded-11209 MW; In Process- 9695MW)
- International Solar Alliance formed of 121 tropical countries to be headquartered in India
- Commitment of 307 GW received at the first Renewable Energy Global Investors Meet (Re-Invest) (266 GW by Power Producers; 41 GW by Manufacturers)
- 32 solar parks sanctioned across 20 states with capacity of 19,400 MW
- Rs. 38,000 crore Green energy corridor being set up
- 31,472 Solar Pumps installed in 2015-16 (More than the total installed since beginning of the programme in 1991)
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Improving consumer comfort

- Significantly improved coach designs to provide passenger comfort
- Leveraged social media for grievance redressal
- Improved catering cuisine
- Improved digital ticketing - Simultaneous login capacity now at 120000
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Swachh Rail, Swachh Bharat

Working towards Zero Discharge on tracks
Improved cleanliness of stations & trains
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Port-Led Development

Sagarmala Program

To promote port-led development in the country
Launched in April, 2016
Will create an estimated 10 million jobs, with 40 lakh as direct employees
Will help save an estimated Rs. 35000 crore of annual logistics

New Initiatives

- Sagar Port
- Dugarajapatnam Port
- Enayam Port (Colachel)
- Vadhavan Port (Dahanu)
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NATIONAL WATERWAYS

Jal Marg Vikas Project between Allahabad and Haldia
National Waterway 2 on River Brahmaputra
Development of 106 newly declared National Waterways
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Bridging the digital divide

Bharat Net
To connect all 2,50,000 Gram Panchayats in the country with 100 mbps broadband

1
50,465 Gram Panchayats connected with broadband

2
1,12,884 Km of optical fibre laid

3
India PO ATMs increased from 4 to 913

4
India PO Core Banking Branches increased from 230 to 21,664
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