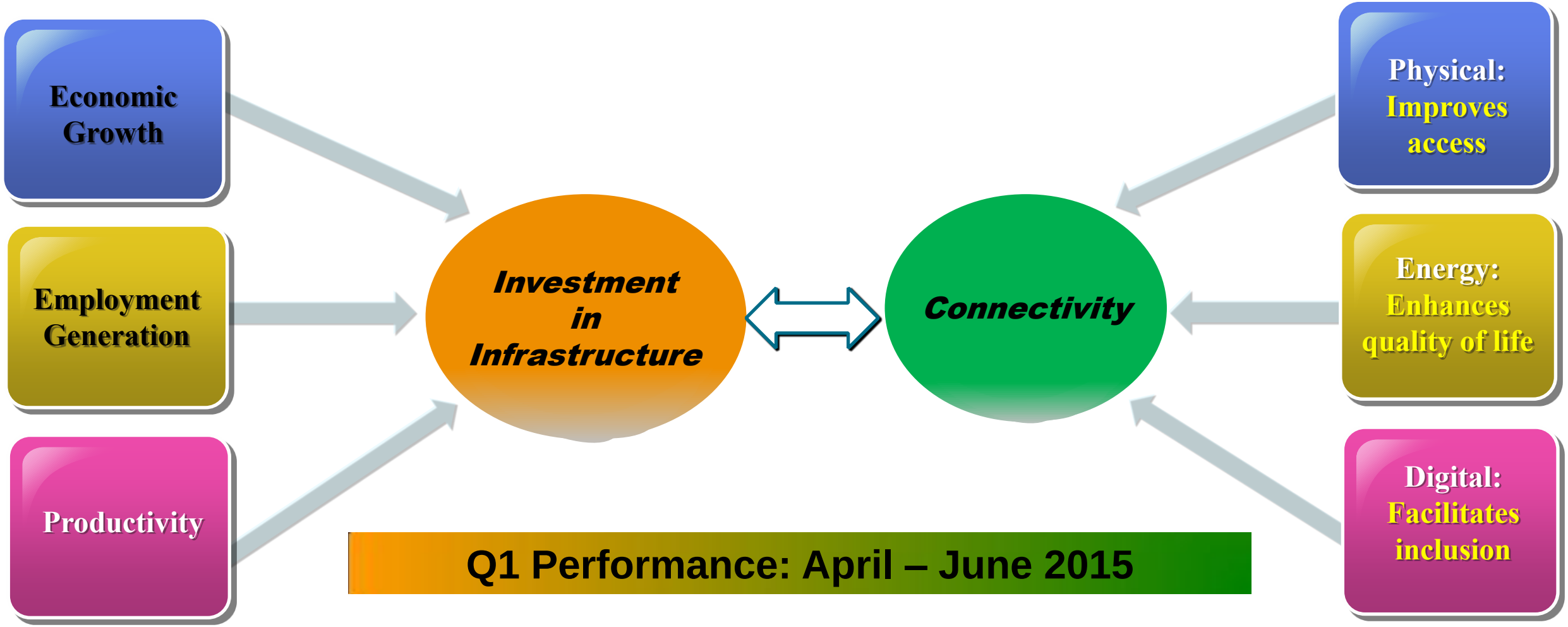
NITI Aayog
Infrastructure: Powering Growth through Connectivity



Q1 Performance: April – June 2015

Infrastructure Targets

Annual Targets for 2015-16 in the following Infrastructure Sectors

- Rural Infrastructure
- Digital Infrastructure
- Energy
- Physical Connectivity

Three Thrust Areas

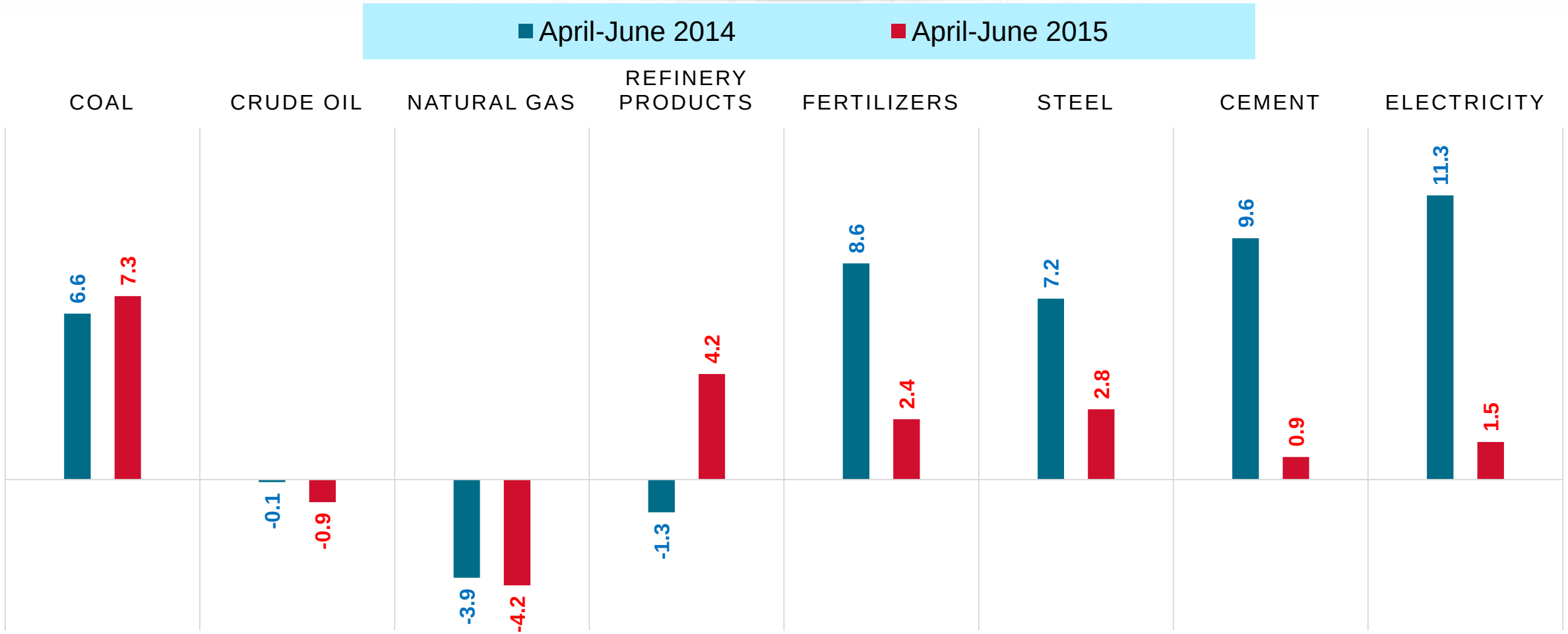
- Annual targets for selected Parameters in each sector
- Tracking Critical Projects
- Monitoring Delayed Projects

Unblocking the Blocks

Action Areas *2015-16*

- **Enhance Public Investment: Rs 70,000 Cr increase for infrastructure in BE 2015-16**
- **Identify projects for utilising BE 2015-16 allocations: Road (+ Rs 14,000 Cr) Railways (+ Rs. 10,000 Cr)**
- **Speed-up approval processes and Award of work**
- **Speed up execution of Projects**

Growth Rate : 8 Core Sector Industries Index



Source: Press Release June 2015: DIPP (Base 2004-05=100)

How have the Sectors Performed in Q1 (2015-16) ?

Sr No.	Parameter	Achievement
1	Number of Airport projects completed	3 (Chandigarh, Khajuraho, Durgapur)
2	Port Capacity Added (MT)	14
3	New Railway Lines Constructed / Lines Doubled (Km)	142/150
4	Highways Length Constructed (Km)	1342
5	Gram panchayats connected by OFC under NOFN	24156 (Cumulative till Q1)
6	Power Capacity Added (MW)	3280
7	Transmission lines Laid (cKm)	4985
8	Renewable Capacity Added (MW)	695
9	Coal Production (MT)	145
10	Crude Oil (MT)/Natural Gas (BCM) Production	9.31/8.25

Rural

Rural 1

Sr No	Sector	Parameter & Unit	Target (2015-16)	Ach. (April to June, 2015)
1	Indira Awas Yojana	Houses Constructed (No. in lakhs)	25.18	2.42 (9.61)
2	Pradhan Mantri Gram Sadak Yojana	Road Length completed (in km)	26,000	9,755 (37.52)
		Habitations Connected (in number)	8,500	2,265 (26.65)
3	Electrification	Un-electrified Villages (in number)	3,500	1,041 (29.74)
5	Teledensity (%)		54%	48.60 (90.0)

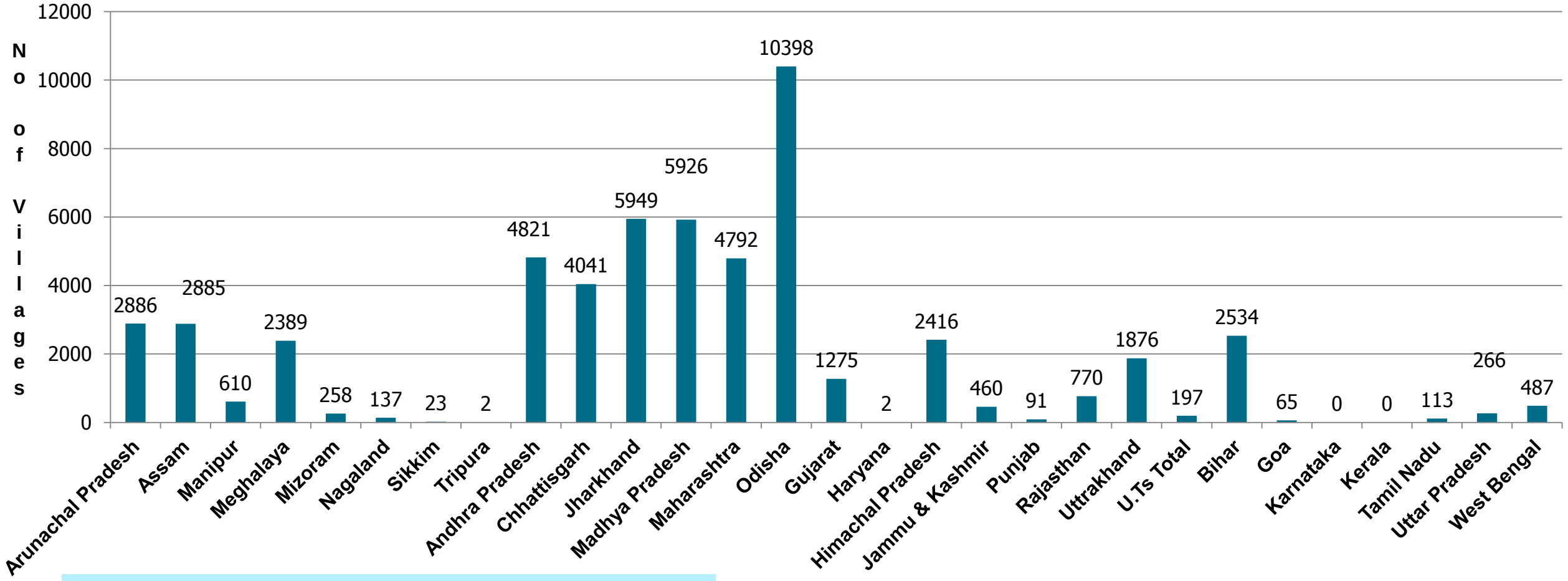
Figures in the brackets are % of annual targets

Rural 2
Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)

Sr. No.	Component	Target 2015-16 (lakh ha)*	Remarks
1.	AIBP – Major and Medium Irrigation including National Projects	1.20	
2 a.	*Har khet ko pani* (Minor Irrigation, Repair, Renovation and Restoration of Water Bodies)	0.80	
2 b	*Har khet ko pani* (Command Area Development & Water Management - CAD&WM)	2.00	
3	Per Drop, More Crop - Micro irrigation	5.00	
4	Watershed Development	4.40	1324 projects in 21 States to be implemented during 2015-16.
	Total	**13.40**	

* As approved by CCEA on 1st July 2015.

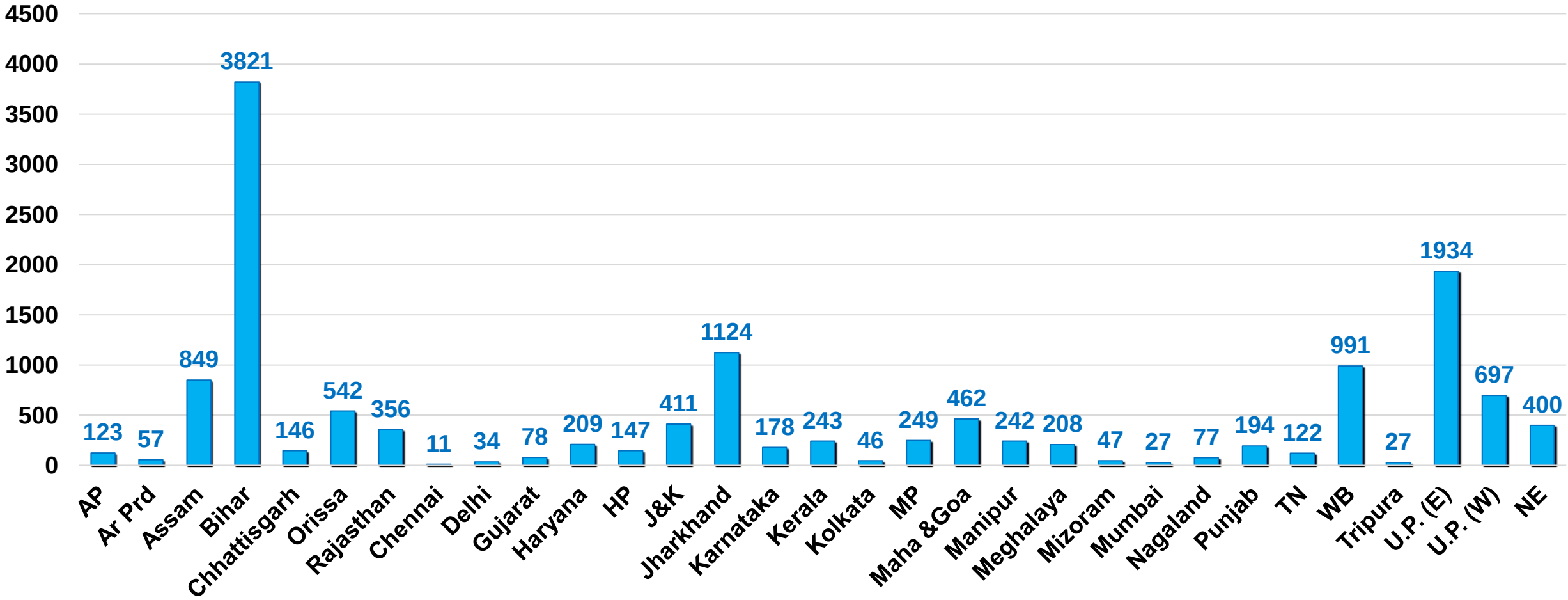
Rural 4
Uncovered Villages (Mobile)
(Total No. of uncovered Villages: 55,669)



Source: DOT

Telangana State Separate figures not available

Rural 5
Non-electrified Telecom Towers



Total No of States: 29
Total no of Towers: 14052
Source: Bharat Sanchar Nigam Limited, Tower And Infrastructure Providers Association & Association of Unified Telecom Service Providers of India

Energy

Power 1
Progress of Parameters

Sr. No.	Parameter & Unit	Target (2015-16)	Achievement (April to June, 2015)
1	Power Generation (BU)	1137	271.089 (23.8%)
2	Transmission Line (cKm)	23712	4969 (21%)
3	Upgrade of IT - Go Live Towns (Nos.) Integrated Power Development Scheme (IPDS)	360	92 (25.6%)
4	Connecting Unconnected Villages (Nos.)	3500	1041 (29.7%)
5	Capacity Addition (MW)	20037	3280 (16.4%)

Figures in the brackets are % of annual targets

Power 2
Financial Health of DISCOMS

- State owned DISCOMs are sole purchasers of power, hence power producers can only sell to DISCOMs (Single Buyer Model).
- Most DISCOMs are bankrupt, their inability to pay for more power leading to forced outages/ power cuts.
- Average annual losses and accumulated losses across all States is Rs. 64,060 crore and Rs. 3,18,345 crore respectively with large States like Andhra Pradesh, Rajasthan, Uttar Pradesh and Tamil Nadu leading the way.
- Average Transmission and Distribution losses across all States is 22.70% with Rajasthan (26.76%), Uttar Pradesh (24.65%), Tamil Nadu (22.35%), Jharkhand (42.17%), Madhya Pradesh (28.03%) and Jammu and Kashmir (49.14%)
- Only eight DISCOMs are making/operating profits i.e. Delhi, Gujarat, Maharashtra, Punjab, West Bengal, Kerala, Sikkim and Uttarakhand.
- Fiscal difficulties and huge current losses impose unsustainable fiscal burden on State revenues.

Source: Department of Financial Services

Power 3

Targets of electrification, 24 x 7 power and Renewables will be seriously compromised if these problems are not addressed immediately.

What needs to be done?

- Settle old dues (cumulative losses) of DISCOMs.
- Prevent / reduce annual losses and devise recovery path for DISCOMs.

How ?

- Scheme of Financial Restructuring Plan in operation since 2011-12. However, mixed results in all 8 States and slow implementation. Scheme may be reviewed and revisited.
- No fresh lending by banks till gap between cost and recovery is bridged.
- Persuade selected State Governments to reduce T&D losses through time bound plan.

Coal 1
Progress of Parameters

S No	Parameter (Figures in MT)	Target (2015-16)	Achievements (April to June, 2015)
	Coal Production:		
1	Public Sector (CIL+SCCL)	606	134.98 (22.27)
2	Captive and Others(Private)	94	9.57 (10.18)
3	Total Domestic Production	700	144.54 (20.65)
	Coal Imports:		
4	For Import based Coal Plants	42	10.94 (26.04)
5	For Blending Purposes	73	10.55 (14.45)
6	Total Imports by Power Sector	115	21.491 (18.68)

Figures in the brackets are % of annual targets

Coal 2
Steps Being Taken to Ramp up Production and Reduce Imports

Increasing Production by CIL (550 MT in 2015-16)

CIL has drawn an action plan to enhance production from the current level of about 494 million tonnes to 1 Billion tonnes by 2019-20 with a target of 550 MT for the current year 2015-16.

Evacuation of Coal by Railways

- Three critical Railway lines namely Tori-Shivpur, Jharsuguda-Barpalli and Mand-Raigarh and 15 new railway lines and 25 new sidings identified.
- 2 MOUs with MoR and State Govts of Odisha and Jharkhand.
- Portal based monitoring of Railway-linked projects

Reduce coal imports and establish sufficient Washeries

- Coal is on Open General Licence(OGL). The coal imports have started coming down.
- CIL has envisaged setting up 15 new coal washeries. These will be set up in next three years.

Renewables 1
Progress of Parameters

Sr. No.	Parameter & Unit	Target (2015-16)	Achievement (April to June, 2015)
1	Wind Energy (MW)	2400	319.20 (13.3%)
2	Solar Energy(MW)	1400	317.68 (23%)
3	Small Hydro Project (MW)	250	46.20 (19%)
4	Bio Power (MW)	400	0.00
5	Waste to Power (MW)	10	12.00 (120%)
6	Total Capacity Addition (MW)	4460	695.08 (15.58%)

Renewables 2
Scale-up Plan for RE Sector

Renewable Energy sector target is to scale-up capacity from 36 GW (as on 31st March, 2015) to 175 GW (2022). Expert Group set up by MoF under NITI to submit report in 4 weeks to suggest way forward to achieve scaled-up target. The Expert Group looking into following:

- **Innovative Financing options** other than Viability gap funding (VGF) and Generation based incentive (GBI)
- **Business models** to expand capacity in various segments-rooftop solar, Large scale solar power plants, wind etc.
- Consultations are being held to **reduce cost of capital** by overseas investments through mechanisms that address FE hedging costs.

MoP/MNRE taking following measures to promote renewables:

- Took up Renewal Purchase Obligations in State Power Ministers' Conference
- NCEF funds deployed for renewables capacity and on transmission infrastructure.
- Capital Expenditure by Indian Renewable Energy Development Agency (IREDA) to increase from Rs 2125 crore in 2012-13 to Rs 3675 crore in 2015-16

Renewables 3
Waste to Wealth Initiatives

Waste to Energy

- Notice for public hearing for determination of generic tariff for waste-to-energy plants will be issued by Central Electricity Regulatory Commission (CERC) by August 15, 2015
- Waste-to-energy plant of capacity 12 MW at Ghazipur in Delhi NCR is under testing phase *(likely to be commissioned by August 31, 2015).*

Waste to Compost

- Provisions for subsidy of Rs. 1,500 on city compost along with tagging of lifting and sale of compost with sale of Urea, to be submitted for discussion in the next Cabinet meeting.
- Annual sale of Compost currently stands at 1.5 lakh metric tonne *(up from 1 lakh metric tonne)*.
- Best practices on Waste to Compost components have been shared with all Cities.

Petroleum & Natural Gas 1
Progress of Parameters

Sl. No.	Parameters	Target 2015-16	Achievement April to June, 2015
1	Crude oil Production (MMT)	37.05	9.31 (25%)
2	Natural Gas production (BCM)	35.28	8.25 (23%)
3	Petroleum Products (MMT)	224.26	55.12 (24.5%)
4	New Districts/Geographical Areas for bidding (5th & 6th Round)	51	12 bids have been received (under 5th Round)
5	Jagdishpur – Haldia Gas Pipeline (Phulpur to Dobhi (Gaya) Section connecting Gorakhpur and Barauni Fertiliser Plants to be completed by December, 2018)	755 Km	Statutory clearances being taken

Petroleum & Natural Gas 2
Progress of Parameters

Present Status

- MoPNG is implementing a number of measures to enhance oil and gas production. There is need to take measures to step-up production in the short term.

- Total refining capacity is nearly 20% more than domestic demand of petroleum products. Capacity addition of nearly 16 MMT will take place in 2015-16. As greenfield refinery takes nearly six years to set up, there is an urgent need to expand/set up new refining capacity.

- Ministries for Road Transport, Heavy Industries and Petroleum & Natural Gas are working together to expand Bharat IV fuels across the country by 1st April, 2017. Timeline for implementation of Bharat Stage V and VI fuels to be resolved between MoRTH and MoP&NG.

Digital Infrastructure

Vision 2022- Digitally Connected India

Broadband :
Broadband for a Billion

Universal Access:
Mobile Connectivity to Every Village

Facilitating Public Wi-Fi :
Urban Areas and Tourist Places

Telecommunications 1
Broadband for a Billion: Status

Broadband to all villages by 2022

- OF cable laid-55505 Kms in 24156 GPs
- Report of the expert Committee constituted to review the status of approach towards strategic implementation of BharatNet under examination in the Ministry
- **13 States confirmed their interest in taking up State-led model** of implementation and 4 other States have indicated interest.

Opinion of Ld. Solicitor General of India received on 13.7.2015 and **Draft Rules being made.**

Rules for Right of Way (RoW)

Telecommunications 2
Universal Access: Tracking Critical Projects

Provision of mobile services in uncovered villages of North Eastern Region (8621 villages) (03/17)

- Arunachal Pradesh and two districts of Assam entrusted to BSNL on nomination basis and rest of North East on competitive bidding. Tender documents are under finalization.

2199 Mobile Towers in 88 LWE districts (03/16):

- 1024 Towers erected and 786 towers made functional

Himalayan States (4752 villages) (07/17) and Western Border States (2138 villages) (08/17):

- Preparation of DPR is underway by M/s TCIL (Technical consultant)

Rest of India (39589 villages) (03/19):

DPR preparation by March 2016

Submarine OFC connectivity between Mainland & Islands & Augmentation of Satellite Bandwidth in ANI & Lakshadweep by BSNL (12/18)

- As on 31.05.2015, bandwidth augmented to 386 Mbps by BSNL
- Cabinet approval to be sought by December 2015
- Final DPR submitted by M/s TCIL on 18.05.2015

Figures in the brackets are implementation timeframe

Telecommunications 3
Facilitating Public Wi-Fi : Tourist Places

Provision of Wi-Fi facility:

Fatehpur Sikri to be commenced by 31.8.2015. Shore Temple, Mahabalipuram to be commenced by 14.8.2015. **Rest done** (Taj Mahal, Sarnath and Konark Temple, Hampi, Khajuraho, Thanjavur-Brihadeshwar temple, Bodh-Gaya and Jagannath Puri)

Top 50 tourist destinations be identified and taken up for Wi-Fi provision:

- A list of 44 tourist places received from Ministry of Tourism
- BSNL and RailTel expressed willingness to provide Wi-Fi services at 22 tourist locations
- In all 37 tourist locations to be covered by PSUs.

Physical Connectivity

Airports 1
Progress of Parameters

Sr. No.	Parameters	2015-16	Achievement (April to June, 2015)
		Target	
1.	Investment by AAI (Rs Cr)	680	102 (**140 upto July 2015)**
2.	Total Investment in Airport Sector (Rs Cr.)	1930	504 **(604 upto July 2015)**
3.	Development of Airports in Tier II and III Cities.	• 5 airports were selected in 2014-15 where work is under progress. • Ministry does not propose to take up up-gradation of non-operational airports or development of greenfield airports in tier II/tier III cities in 2015-16	
4.	Award of OMD under PPP	Issue of RFP for O&M contract for Jaipur and Ahmedabad airports.	• AAI will study various models and issue RFP within this financial year.

Airports 2
Monitoring Delayed Projects

- Pakyong Airport : **MoU signed with State Govt on 30.06.2015 and compensation amount as worked out by State Govt. has been released by AAI. All pending issues have been resolved. The project is expected to be completed by September 2017.**

- Establishment of AOCC (Airport Operations Control Centre) at Pune which is to be completed by 31.5.2015 : **AOCC at Pune has been established and operationalised on 21.5.2015.**

Airports 3
Tracking Critical Projects: 2015-16 and Beyond up to 2020

Completion of Construction of new airport terminals by AAI:

- Chandigarh with an investment of Rs 500 Cr: Completed on 31.5.2015 & awaiting date for inauguration
- Khajuraho with an investment of Rs 75 Cr: Completed on 31.5.2015
- Tirupati with an investment of Rs 174 Cr : Will be completed by 31.8.2015.
- Vadodara with an investment of Rs 116 Cr: Will be completed by 31.3.2016

Airports in Joint Venture Sector

- Durgapur International Airport, West Bengal to be operationalised by 31.05.2015 (Investment 1000 Cr.) – Operationalization on 18.5.2015.

Setting up world class Maintenance Repair & Overhaul (MRO)

- Air India and M/s Boeing at Nagpur : 30.07.2015 (Investment $ 109 million) - MRO facilities have been set up and awaiting date for inauguration

New Projects over Rs 100 Cr by AAI (Tier –II cities) – Works Progressing on Schedule

- Port Blair- New Integrated Terminal Bldg with an investment of Rs 375 Cr : Target date 30.9.2018
- Jharsugudha airport development with an investment of Rs 200 Cr : Target date 30.9.2018
- Calicut: construction of new arrival hall and strengthening of runway with an investment of Rs 155 Cr - target date 31.12.2017
- Vijayawada: Construction of terminal building – with an investment of Rs 105 Cr- target date 30.6.2017

Airport 4
Vision 2020: Airports in Private / State Sector

Sl. No.	Airport/Location and State	Investment in Rs. Crores	Likely date of completion
1	Shirdi, Maharashtra	350	31.06.16
2	Sindhudurg Airport, Maharashtra	450	31.7.17
3	Kannur International Airport, Kerala	1892	31.8.2017
4	Navi Mumbai International Airport-Maharashtra	15575	30.6.2019
5	Mopa Airport, Goa	3000	31.12.2019

RFQ in respect of Navi-Mumbai & Mopa airports have been closed and 4 prospective bidders have been shortlisted for each of the project. The Govt. of Maharastra through CIDCO and the Govt. of Goa are presently finalizing the concession document and RFP.

Airports 5
Regional Connectivity and Growth of Passengers

➢Development of Regional Airlines:

- **Two regional airlines viz., Air Pegasus and Turbo Megha Airways started operations in May 2015 and July 2015 respectively.**
- **There is a strong need for regional airports and regional airlines for deeper penetration of air connectivity within India: MoCA is addressing this in the draft Civil Aviation Policy which will be brought out by** 31.8.2015**.**

➢April 2015 to June 2015:

- **Passenger Movement** - Risen from 46.6 million (April-June 2014) to 53.63 million (April-June 2015) a growth of **16.4%**.
- **Cargo Movement-** risen from 0.62 million tonnes (April-June 2014) to 0.67 million tonnes (April-June 2015) a growth of **8.4**%.

Ports & Inland Waterways 1
Progress of Parameters

	Parameter Unit	Target (2015-16)	Remarks	Types of Projects in 2015-16	Achievement (April to July, 2015)
1.	Award and Approval of New Projects				
(a)	Number	30	PPP, Private Investment, Ports' internal resources.	▪ Berths/Terminals: 17 ▪ Capital dredging : 4 ▪ Mechanisation : 5 ▪ Connectivity & Others : 4	9
(b)	Capacity (MT)	162.20			15.65 MT
(c)	Investment (Rs. Cr.)	14225.98			4912.37 Cr.
2.	Completion of On-going Projects				
(a)	Number	34	Completion of on-going projects have added physical capacity to the ports	Container Berths and terminals, Mooring Dolphins, Liquid cargo jetties, Bulk Cargo handling berths, Barge handling facilities, Mechanization projects, Capital dredging, Connectivity projects.	11
(b)	Capacity (MT)	92.81			17.51 MT
(c)	Investment (Rs. Cr.)	4653.79			652.25 Cr.

Ports & Inland Waterways 2
Tracking Critical Projects

Jalmarg Vikas (NW-I) :Outcome: 1000 T Barges can ply between Haldia-Varanasi by June 2016 (Project Duration : 6 years)

DPR by 31.10.2016.

- All project preparation activities commenced.

Construction of New Navigational lock at Farakka to start by 28.2.2016.

- Engineering & environmental Consultants commenced preparatory works for DPR.

Automated information centre for safe navigation work to start by 31.1.2016.

- River Information System (RIS) in Farakka- Haldia (560 km) commissioned; work awarded in Farakka- Patna stretch; Patna- Varanasi tender being processed.

Ports & Inland Waterways 3
Tracking Critical Projects
Development of Inland Waterways

Construction of Multimodal terminals

Award and Commencement of work

- Varanasi (TDC : 31.10.2015) – Under Consultancy and Tender Stage.
- Haldia (TDC : 28.2.2016) – Under Transfer Stage.
- Sahibganj (TDC : 28.2.2016) – Under Land Acquisition and Tender Stage.

Transport 3 MMTPA coal for NTPC Plant at Barh (Bihar)

- Tripartite agreement between IWAI, NTPC and successful bidder by 31.8.2015 – Under Tender Stage

Ro-Ro Service between Dhubri and Nathsingimari (River Brahmaputra, Assam)

- To commence by 28.2.2016 – Under Tender Stage

First Phase Development of NW-5 (Orissa) (River Brahmani)

- Work on fairway (2.5 m LAD) in Dhamra/Paradeep - Erada section to commence by 31.11.2015 – Under Tender Stage

Ports & Inland Waterways 4
Tracking Critical Projects: Sagarmala

Finalization of National Perspective Plan (NPP)

PDC appointed. Work on NPP commenced on 15th May, 2015 and expected to be ready by 15.1.2016.

Techno-economic feasibility report for selected 3 new port locations

Feasibility study for Sagar and Dahanu in progress and would be available by 31.10.2015 and 31.12.2015 respectively.

Formation of Sagarmala Development Company and Port Rail Company

Port Rail Company incorporated on 10th July, 2015/Sagarmala Development Company under circulation.

Implementation of strategy for setting up transshipment hub(s)

Report submitted by Consultant. Meeting scheduled in PMO on 7th August 2015.

Ports & Inland Waterways 4
Tracking Critical Projects: Sagarmala

Implementation of at least 10 projects for Port-led development, evacuation, light house tourism and skill development.

- 10 projects identified; Techno-Economic Feasibility Report & Project structuring for implementation under SPV mode being undertaken.

Preparation of development plan for Islands and palm cultivation

- Development Plan submitted to the Task Force on Holistic Development of Islands under MHA on 15.07.2015

Consultation with States: Officials and Hon'ble Minister in the Ministry of Shipping are engaged in consultation with the states. NITI Aayog will convene a meeting of Chief Ministers of coastal states along with Ministry of Shipping.

Ports & Inland Waterways 5
Monitoring Delayed Projects

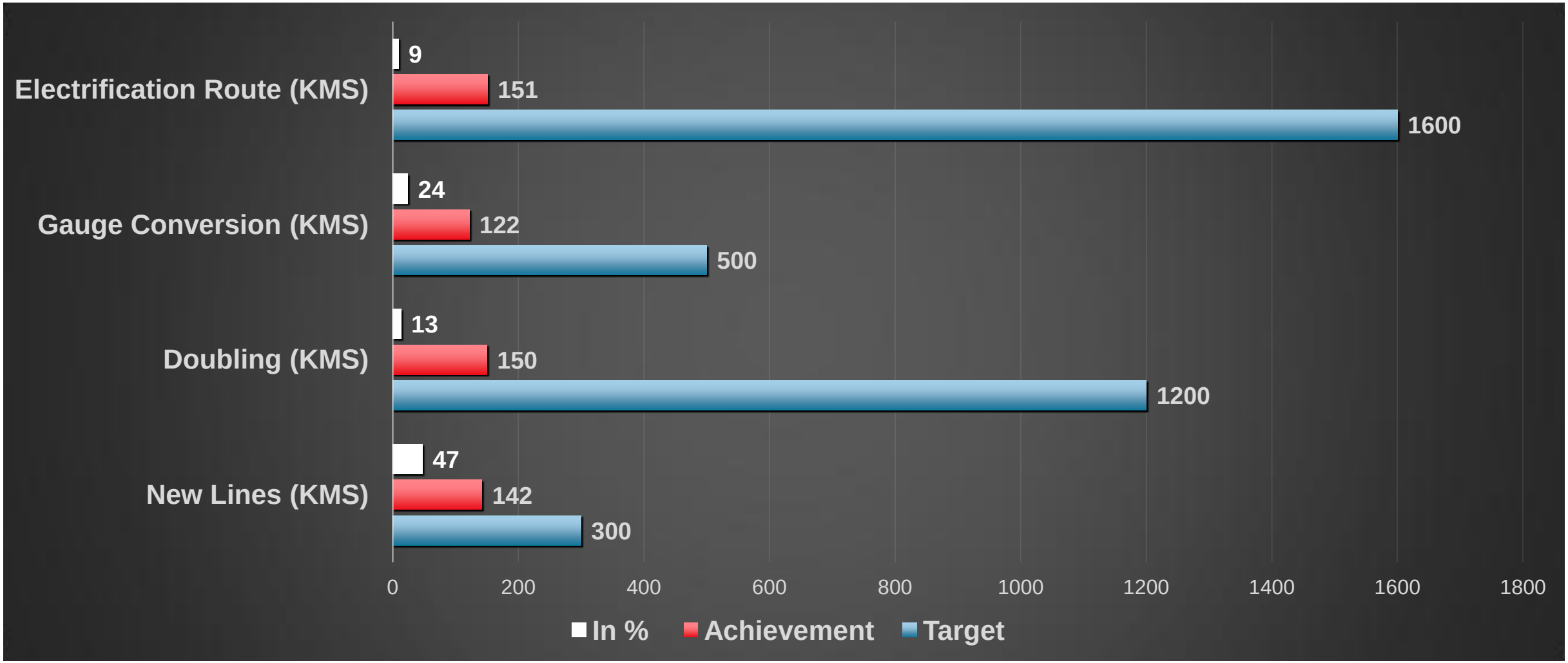
Sethusamudram Project

- Project implementation stayed by Hon'ble Supreme Court. Matter put up for consideration of CCPA.

Development of Offshore Container Terminal, Mumbai

- Partly completed. Security clearance granted. Facility is being temporarily put to alternative use for handling car carriers. Possibility of changing the cargo profile of the Project is being explored by giving first right of refusal to present concessionaire

Railways 1
Progress of Parameters



Railways 2
Coal Connectivity Projects

- **Jharsuguda-Barpalli-Sardega (Odisha) - 53 Km: Target Date of Completion (TDC) June, 2016**
  - Project is on Target. Small stretch of 14 acres to be acquired and transferred to Indian Railways by State Govt.
- **Bhupdevpur/ Kharsiya to Korichapar-Dharamjaigarh (Chattisgarh) - 102 Km: TDC March, 2017**
  - 321 Hectares out of 520 Hectares handed Over by State Government. Tenders for Earth work, major and minor bridges awarded.
- **Tori - Shivpur (Jharkhand) - 44 Km: TDC December, 2017**
  - 309 Acres of Government Land Handed Over by Govt. of Jharkhand during last three months. Balance 349 Acres of Private Land Remain to be Handed Over. Contracts for first 40 KM awarded and those for major and minor bridges awarded.
- **Shivpur – Kathautia (Jharkhand) - 64 Km: TDC December 2018**
  - Application for stage 1 forest clearance filed with State Government on 23.04.2015. LA yet to start.

Railways 3
Tracking Critical Projects

Completion of projects in North-East and hill region: Gauge Conversion/ New Line

- **Tripura** to be brought on BG network of Indian Railways by completion of Badarpur-Kumarghat- Agartala Project-31.03.2016. **Status - Pre block activities are near completion. Mega block planned from 01.10.2015.**
- **Manipur** to be brought on BG network of Indian Railways by completing Arunachal (Railway Station)-Jiribam section-31.03.2016. **Status -Work is on schedule**.
- **Mizoram** to be brought on BG network of Indian Railways by completing Katakal- Bhairabi section-31.03.2016. **Status - Track linking of 70 km out of 84 km has been completed.**

Completion of Ganga Bridges in Bihar

- **Patna** Bridge-31.03.2016. **Status - Work is on schedule. Minor land issues to be resolved with Govt. of Bihar.**
- **Munger** Bridge-31.03.2016. **Status - Work is on schedule. Minor land issues to be resolved with Govt. of Bihar.**

Dedicated Freight Corridor (DFC) : LA progressed by 11% and Civil Contract of 320 km in WDFC awarded in Q1

Railways 4
Tracking Critical Projects

High Speed / Semi High Speed Corridor: Diamond quadrilateral projects

- **Completion of Indo-Japanese Feasibility Study- 30.06.2015.** ***Status - Final report (JICA) submitted on 20th July, 2015.***
- **Operation of one semi-high speed train from Delhi-Agra-June 2015.** ***Status - The commercial services will be introduced after obtaining CRS sanction for operation of train at 160 kmph.***
- **Using The Above Test Case to Make a Strategic Plan for Improving Speeds and Semi High Speed on IR Network.** ***Status - Strategic Plan Will Be Prepared.***

Station Redevelopment

- **Initiative taken to develop 400 stations through Swiss Challenge method**

Continuing projects

- Work Progressing at 6 Stations: Chandigarh, Shivajinagar, Habibganj, Bijwasan, Anand Vihar, Gandhinagar, and Surat
- Award of works for 3 stations (Habibganj, Gandhinagar and Surat) in : 2015-16 and other 3 (Chandigarh, Shivajinagar, Bijwasan) after March, 2016

Railways 5

Loco Factories and Loco Maintenance Infrastructure

High horse power diesel locomotives factory at Marhowra, Electric locomotive factory at Madhepura and maintenance infrastructure for electric locomotives at Rewari: These are at Contract finalisation stage

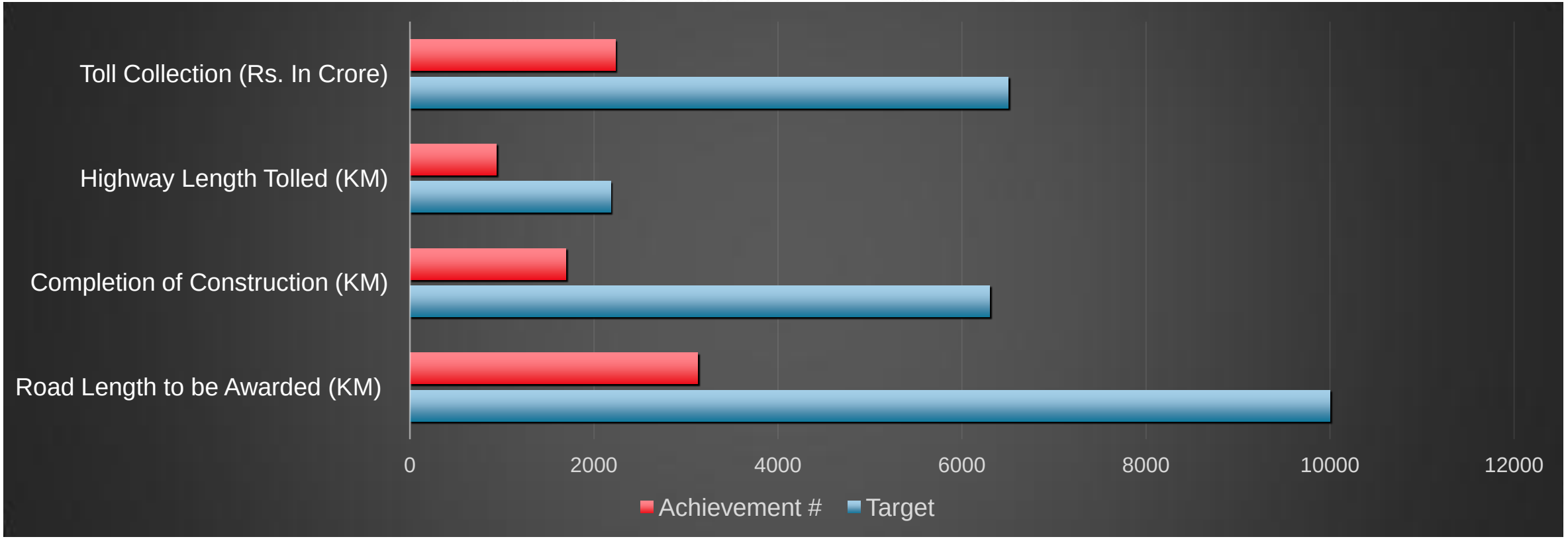
Skill Development

MOU with Ministry of Skill Development and Entrepreneurship has been signed on 14.07.2015 to make available Railway infrastructure for setting up of Skill training centres

Railway Universities

- It has been decided to upgrade the National Academy of Indian Railways (NAIR), Vadodara to the level of National Railway University. Some of the present Centralised Training Institutes would form the constituent units of the Railway University.

Roads 1
Progress of Parameters



 # - Provisional

Bharatmala Pariyojna	• **Approval of Scheme-June-2015** • **Award for DPR-December, 2015**	**Cabinet note is under circulation**

Roads 2
Monitoring Problem Projects

Sl. No.	Projects	Number	Length in km
1	Projects where issues have been resolved	19	2,567
2	Projects terminated	39	4,504
3	Projects being sorted out*	15	1,126
	Total:	73	8,197

**** Equity Infusion, Issues with Lenders, Extension of Time, Regulatory Clearances***

Roads 3
New Initiatives

- **Rolling out 20 projects on Hybrid Annuity Model**
- **Monetization of Public Funded Highways**
- **Fund Infusion by NHAI to salvage Languishing Projects**
- **Exit Policy permitting 100% divestment 2 years after COD**

Roads 4
Improvement of Road stretches bordering Nepal

Road stretches bordering Nepal in Bihar, UP to be completed on Priority.

- Piprkothi – Raxaul – TDC March, 2016
- Muzaffarpur – Sonbarsa – TDC, December, 2015
- Forbesganj – Jogbani – TDC, December, 2016
- 3 Stretches in UP – TDC - October 2016 to June, 2017

Roads 5
Controlling Vehicular Pollution

- BS-IV emission norms notified for vehicles manufactured in the country; made mandatory in
  - ► North India by 1st October, 2015
  - ► South India by 1st April, 2016
  - ► Entire country by 1st April, 2017
- M/ORT&H proposes to advance timeline for implementation of BS-V and BS-VI for four wheelers to the year 2019 and 2023 respectively – which is advanced by one year from Auto Fuel Vision Policy, 2025
- M/ORT&H would immediately notify BS-V and BS-VI emission norms. M/OP&NG has to make fuel available for these stages in the country.

Team India - Together in Infrastructure

Stalled Projects: Status

- Out of top 100 (by value) stalled projects: 65 in infrastructure and 35 in other sectors
- Out of 65 stalled infrastructure projects: 16 in Central, 8 in States and 41 in Private sector
- Ownership and current status of stalled Infrastructure projects
  - Central Sector - Out of 16 projects, 9 still stalled, rest revived/dropped
  - States Sector - Out of 8 projects, 7 still stalled, 1 being dropped
  - Private Sector- Out of 41 projects, 33 still stalled, rest revived/dropped
- Of 16 stalled projects in Central and States, 10 in Power Generation and 6 (Power Transmission-1, Road-2, Shipping-1, Irrigation-1 & Gas Pipe line – 1) in other sectors
  - Reasons for stalling of power generation projects: Non availability of gas, absence of coal linkage, Disputes & Lack of clearances
  - Reasons for stalling of other projects: Land Acquisition, Environment & Forest clearances, Disputes & Court cases

Mega Projects: Online Computerized Monitoring System (OCMS)

Sl. No	Sector	(July'15)			
		Total Projects	Commissioned up to July'15	Anticipated Commissioning (August'15- Mar'16)	Total target for commissioning in 2015-16
1	Coal	14	1	5	6
2	Petroleum	29	2	9	11
3	Power	70	3	28	31
4	Railways	86	2	4	6
5	Road Transport & Highways	34	2	19	21
6	Shipping and Ports	2	0	0	0
7	Telecommunications	1	0	0	0
8	Urban Development	11	0	1	1
	Total	**247**	**10**	**66**	**76**

Source: Flash Report on Mega Projects MoSPI, May 2015, (Status updated up to July'15 with inputs from Ministries)

- NITI Aayog and MOSPI have taken concerted efforts to improve the project monitoring mechanism by Ministries through better reporting and updation.
- Ministries have reviewed their internal processes for timely, accurate and complete reporting in OCMS.