



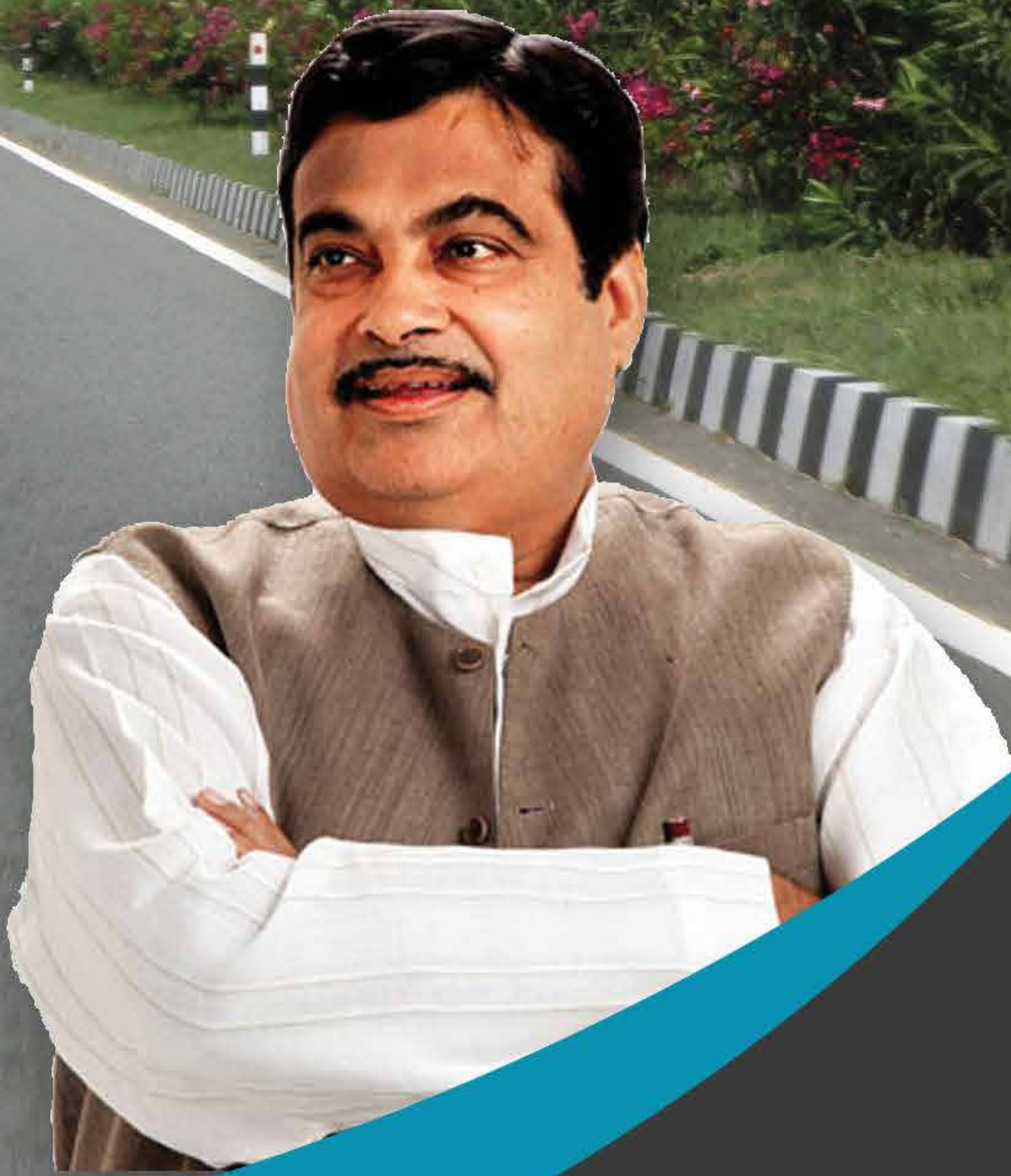
Ministry of Road Transport & Highways
Government of India



BHARATMALA



KARNATAKA RISING



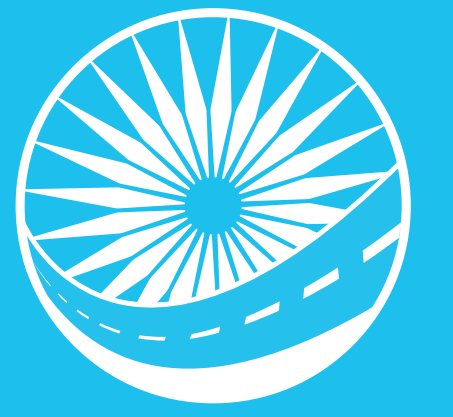
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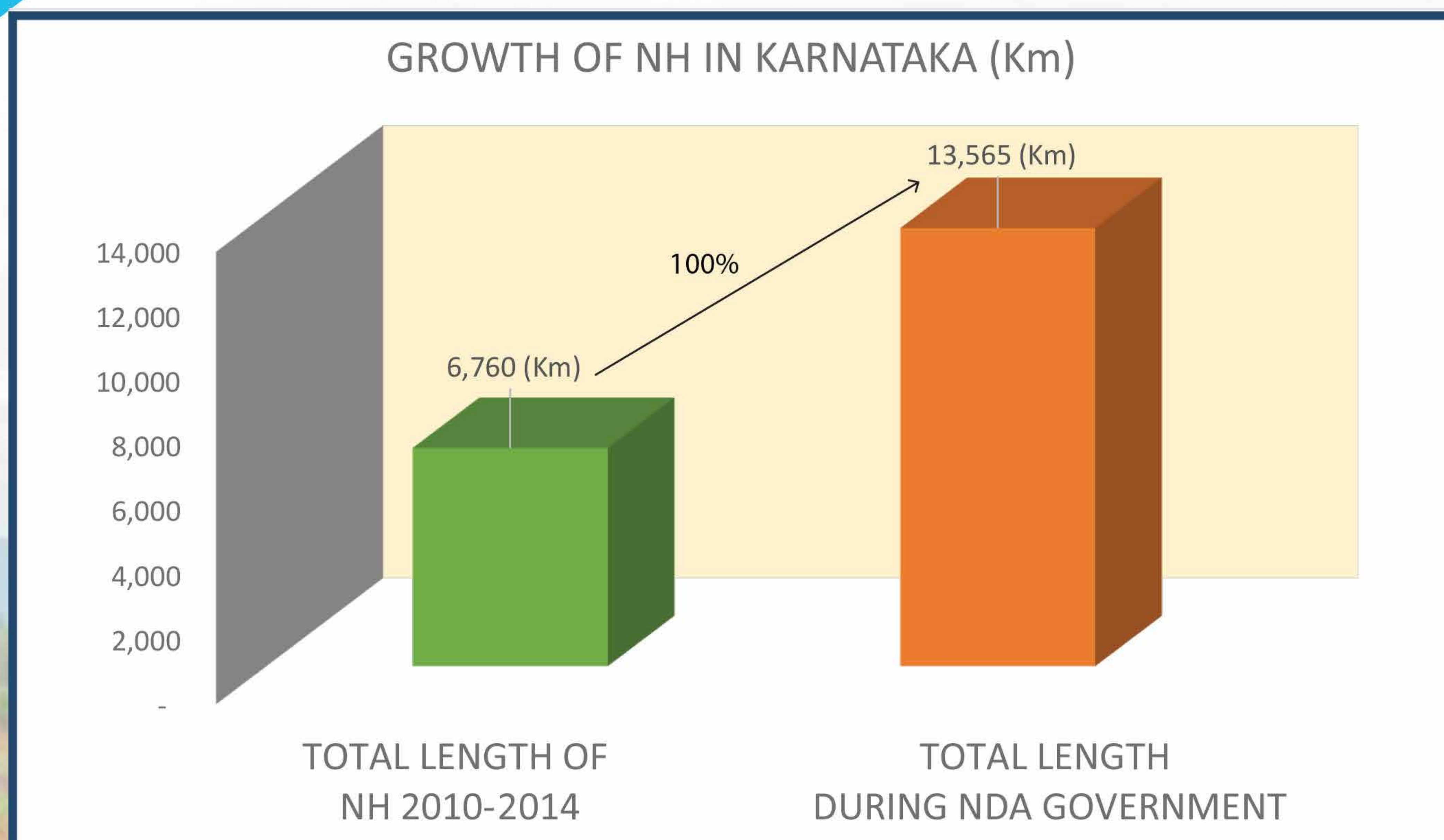
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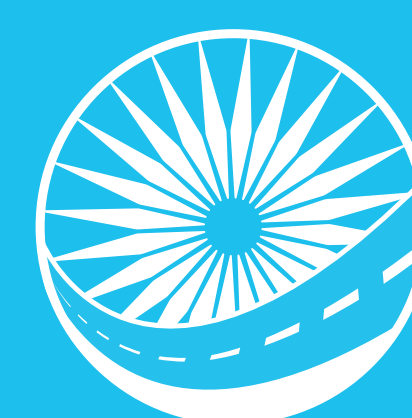
KARNATAKA



HIGHLIGHTS

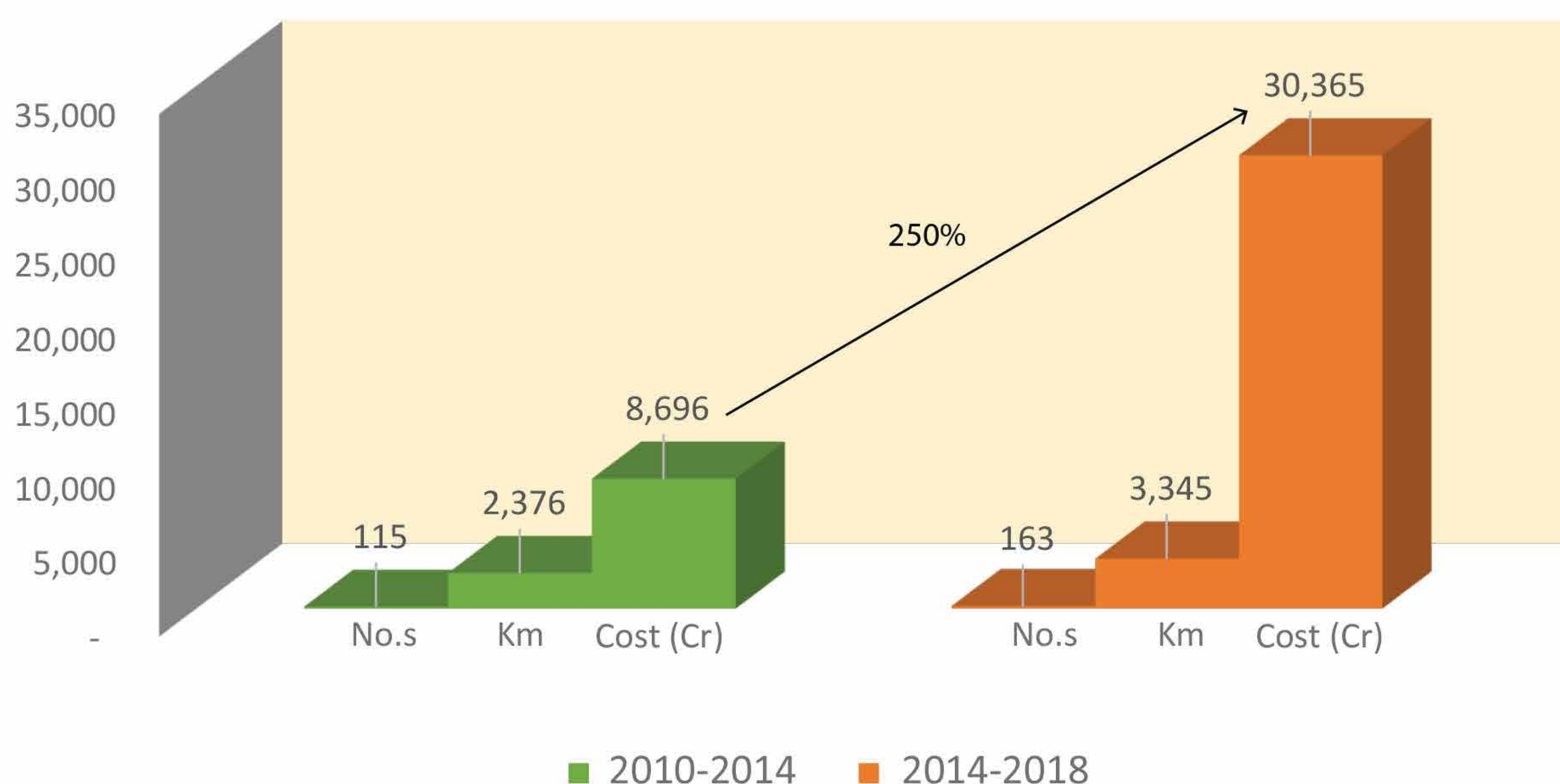


- Total Length of Karnataka before May 2014 was 6,760 km.
- Length of New National Highway during NDA government (May 2014) is 372 km.
- Length of New National Highways approved in-principle is 6,433 km.
- Total Length of National Highway in Karnataka including in-principle approved length is 13,565 km.
- Significant increase of 100% growth in length of NH in Karnataka from May 2014-2018.

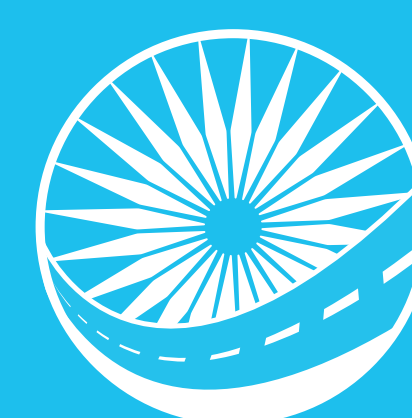


HIGHLIGHTS

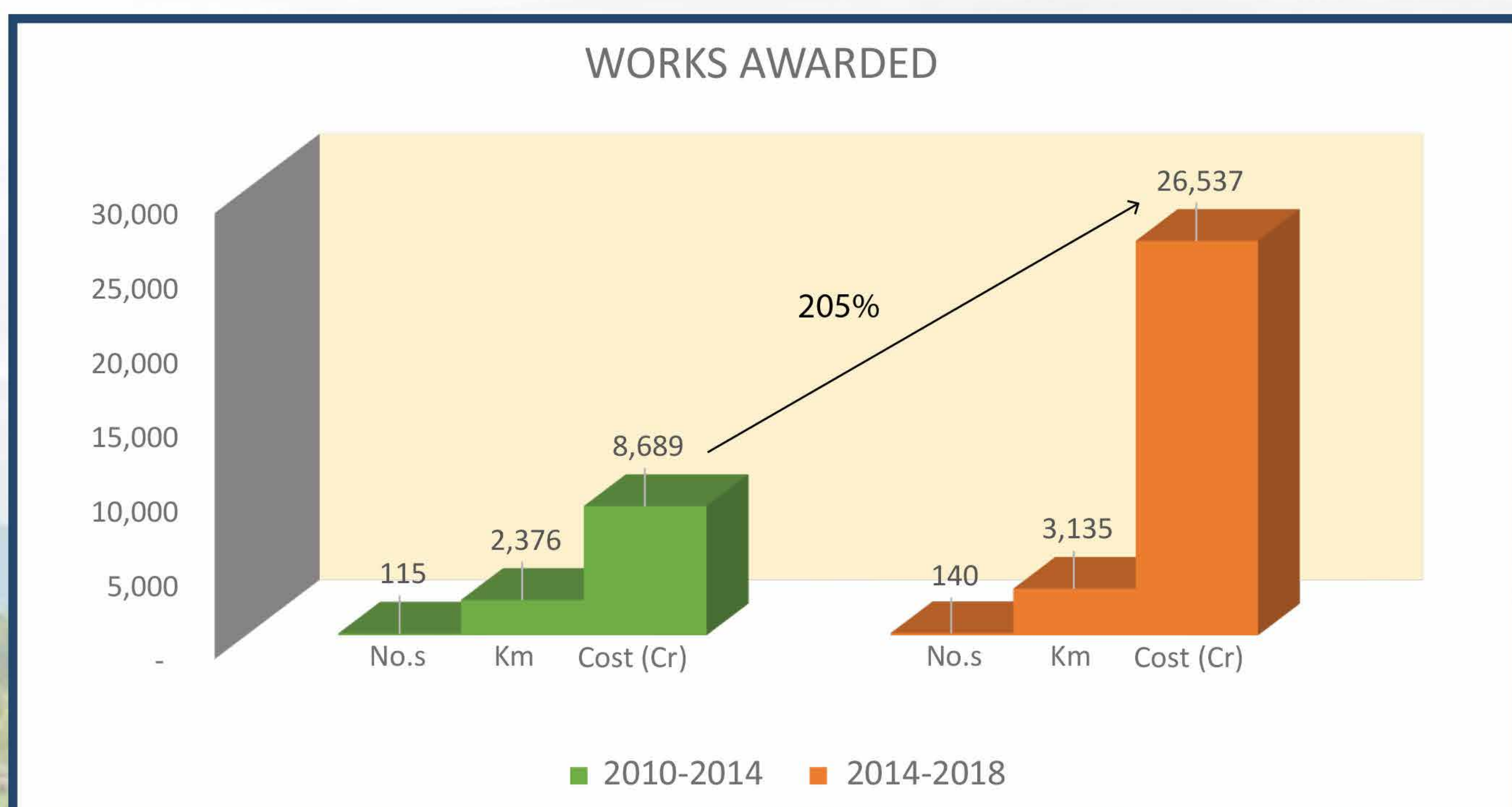
NH PROJECTS SANCTIONED: INVESTMENTS (Cr)



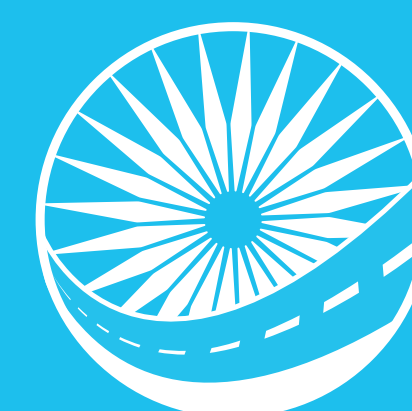
- 115 works got sanctioned in length of 2,376 Km at a cost of Rs. 8,696 Cr from the year 2010-2014.
- 163 works got sanctioned in length of 3,345 km at a cost of Rs. 30,365 Cr from the year 2014-2018.
- Significant increase of 250%.



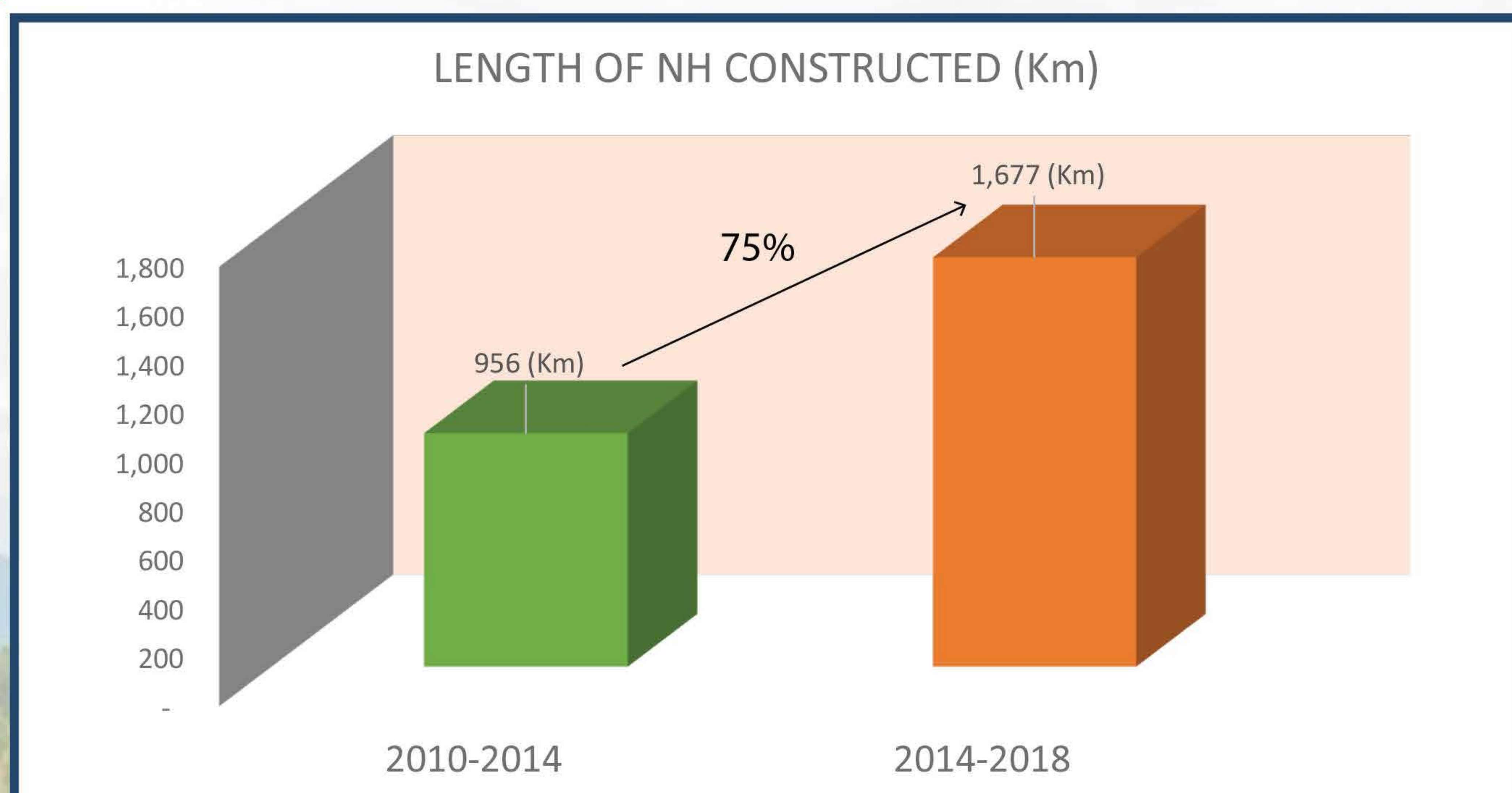
HIGHLIGHTS



- 115 works got awarded in length of 2,376 km at a cost of Rs 8,689 crore from the year 2010 to 2014.
- 140 works got awarded in length of 3,135 km at a cost of Rs 26,537 crore from the year 2014-2018.
- Significant increase of 205%.

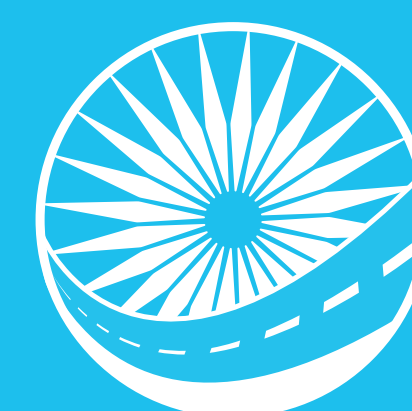


HIGHLIGHTS

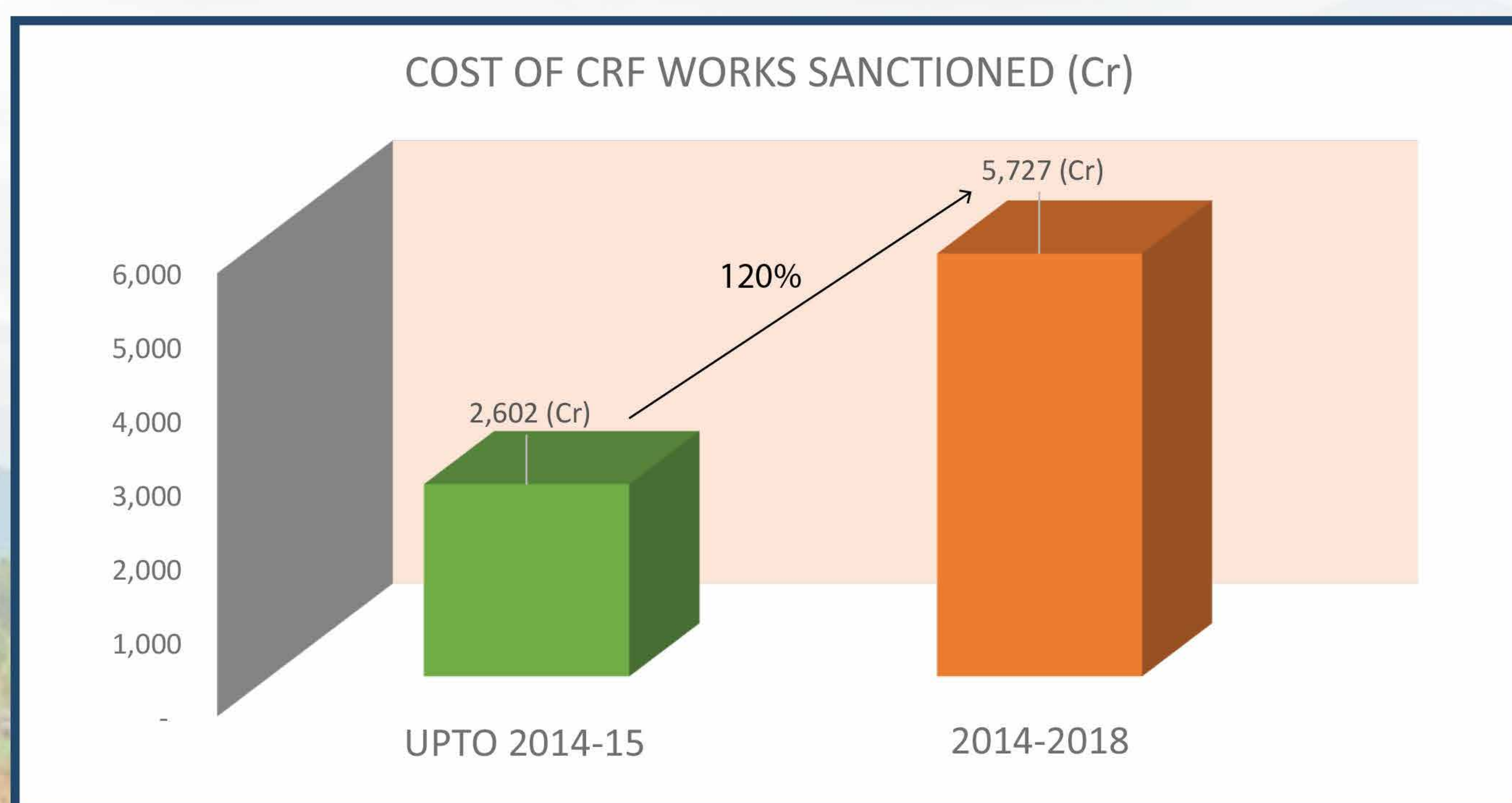


- Length of NH constructed from 2010 to 2014 was 956 km.
- The length of constructed NH has increased upto 1,677 km after 2014-2018.
- Significant increase of 75%.

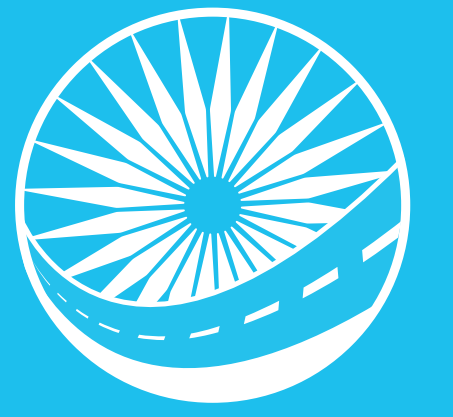




HIGHLIGHTS

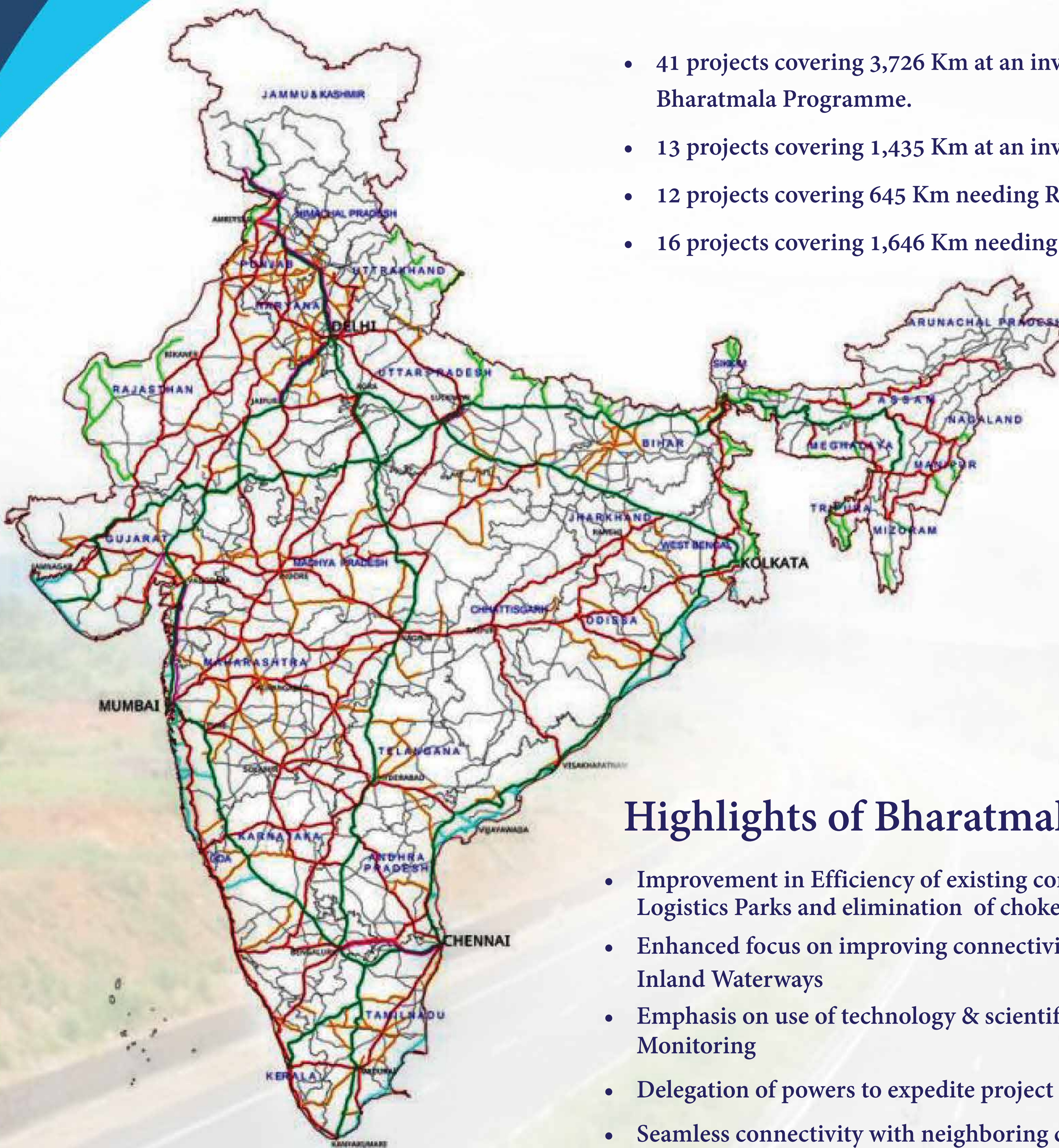


- Cost of CRF works sanctioned upto 2014-15 for the upgradation/improvement of state roads/bridges was Rs 2,602 crore.
- Cost of CRF works sanctioned from 2014-18 for the upgradation/ improvement of state roads/bridges has increased to Rs 5,727 crore.
- Significant increase of 120%.



KEY PROJECTS

Bharatmala Pariyojna

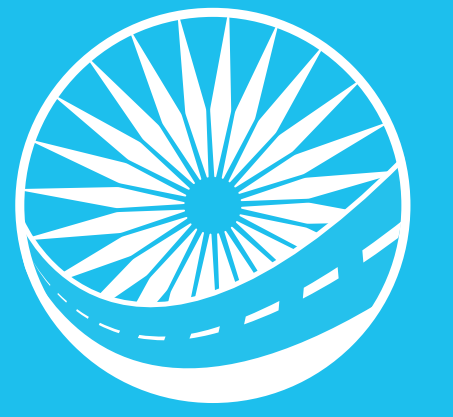


- 41 projects covering 3,726 Km at an investment of Rs. 85,000 Cr are approved under the Bharatmala Programme.
- 13 projects covering 1,435 Km at an investment of Rs. 20,000 Cr is under implementation.
- 12 projects covering 645 Km needing Rs.15,000 Cr is at the bidding stage.
- 16 projects covering 1,646 Km needing Rs.50,000 Cr is in DPR stag

Highlights of Bharatmala Pariyojana

- Improvement in Efficiency of existing corridors through development of Multimodal Logistics Parks and elimination of choke points
- Enhanced focus on improving connectivity in North East and leveraging synergies with Inland Waterways
- Emphasis on use of technology & scientific planning for Project Preparation and Asset Monitoring
- Delegation of powers to expedite project delivery-Phase I to complete by 2022
- Seamless connectivity with neighboring countries
 - a) 24 Integrated check posts (ICPS) identified
 - b) Transit through Bangladesh to improve North East connectivity
 - c) Integrating Bangladesh-Bhutan-Nepal and Myanmar - Thailand corridors will make North-East hub of East Asia.





KEY PROJECTS

Bengaluru Ring Road (STRR):

With a total length of 140 KM in Karnataka and 45 km in Tamil Nadu at a tentative cost of Rs. 10,000 Cr.

Key Highlights

- Under this Bharatmala Pariyojana project, NHAI will implement the balance work on STRR between Bengaluru and Hosur in Tamil Nadu (connecting NH-4 to NH-7).
- This Ring road stretch connects Hosur, Anekal, Kanakapura, Ramanagara, Magadi, Dobaspet.

With a total Length 23.60 Km at a tentative cost of Rs. 10,000 Cr.

Key Highlights

- 6 tunnels with a total length of 12.60 kms.
- The tunnel also connects with bridges, longest bridge being 1.50 km with highest peer of 100 mtr.
- The tunnel consists of 2 driving lanes with one emergency lane for each tube of 10.50 m carriage way width.

Shiradi Ghat Tunnel:

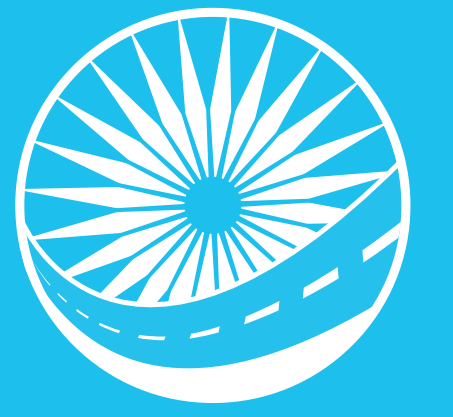
Ring Road to Belgaum:

With a total length of 55 Km at a tentative Cost of Rs. 1500 Cr

Key Highlights

- Construction of a 4/6 lane Belgaum bypass connecting Western with the Eastern sides connecting NH-4 to NH-4A.
- This bypass will ease the traffic congestion and facilitate traffic management in the city.





KEY PROJECTS

Six laning of Access Control of Bengaluru – Mysore Section:

- This project is a part of economic corridor of Bengaluru – Mallapuram.
- Total length of 117 kms with an estimated cost of Rs. 7,000 crores
- This project consists of about 8 km elevated corridors, 9 major bridges and 4 ROBs.
- The entire project has been provided with Access Controlled Service Road.
- DPR has already been completed and bids have been received and are under evaluation.

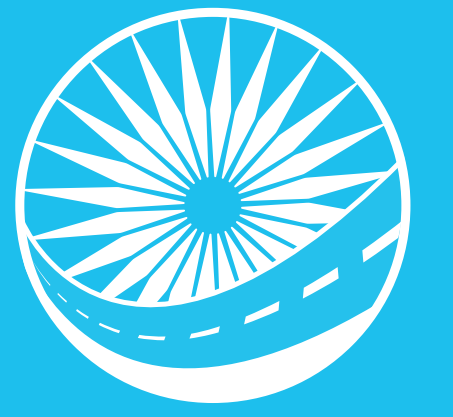
- Bengaluru – Chennai Expressway has been re-aligned to serve the import/export hub connecting it to the sea port.
- This project is identified as one of the priority projects under Chennai – Bengaluru Industrial Corridor (CBIC).
- It will provide connectivity to the proposed Multimodal Logistic Park at Dobaspet accessible through NH-207 or Bengaluru Ring Road from BCE.
- This expressway passes through three states, covering 76 km in Karnataka, 91 in Andhra Pradesh & 94 in Tamil Nadu at an estimated of Rs. 16,000 crore.

Chennai-Bengaluru Expressway:

Amaravati – Bengaluru Section:

- The connectivity between Bengaluru and Amaravathi has two routes, via Ananthapuramu and Tirupathi.
- Bengaluru to Amaravathi via Ananthapuramu passing through NH-7 has been completed. This 4.5 km long 4 lane Elevated Highway connects Bengaluru International Airport.
- 4/6 lane road from Bengaluru to Amaravathi via Tirupathi passing through NH-4 has been completed (Bengaluru – Kolar – Mulbagal –KNT/AP border).





KEY PROJECTS

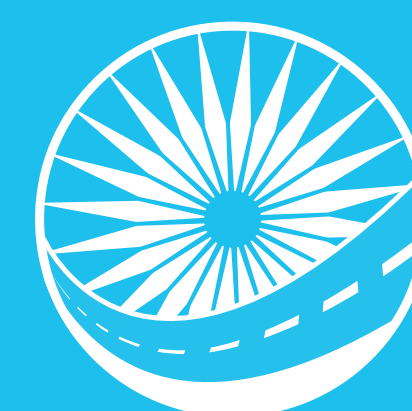
Hyderabad – Bengaluru Section:

- The 4.5 km long 4 lane Elevated Highway on NH7 has been completed and connects Bengaluru with Hyderabad, via Ananthapuramu. This connects the Bengaluru International Airport (BIA).

- 7 ROBs worth Rs.473 Cr is in tender stage.
- Out of these 7, 1 ROB under the 4 laning of Ballari – Hiriyr section under Bharatmala Pariyojana is being implemented.

Sethu Bharatam

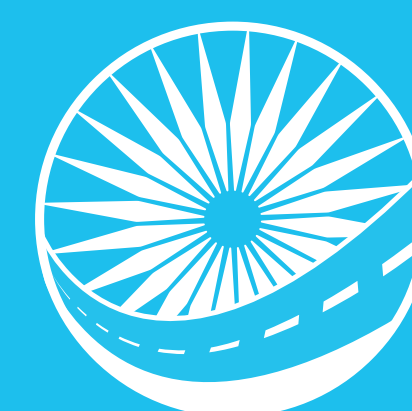




FUTURE PROJECTS

S.No	Project	Length	Cost
1.	Widening of NH 73 declared to 2 lane + paved shoulders/4 lane (inprinciple declared NH)	6,433 Km	38,598 Cr
2.	28 projects under Bharatmala program	2,094 Km	56,300 Cr
3.	120 works under progress (under NH (O) & NHAI)	2,996 Km	36,663 Cr
4.	21 works to be awarded (under NH (O))	278 Km	2,285 Cr
	Total		1,33,846 Cr

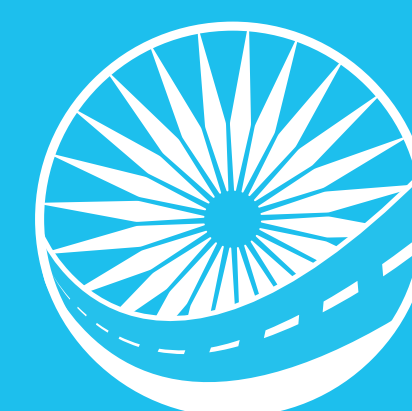




PROJECTS TO BE AWARDED

S.No	Name of Project	Length (km)/No (Karnataka)	Project Cost/ (Rs. in crore)
Ministry Works (through State PWD)			
1.	NH-63, Widening of two lane to four lane from 129.00 Km to 144.00 km of Ankola Gooty section passing through Hubballi city	13.4	171.6
2.	NH-234, Widening to two lane with paved shoulder from 194.900 km to 243.200 km of Banavara-Huliyar Section	48.3	191.6
3.	NH-275, Strengthening of road from 171.85 km to 190.5 km & 193.56 km to 199.50 km of Bantwala - Bengaluru section	24.34	21.14
4.	NH-173, Improvement and Reconstruction of two lanes with paved shoulders from 24.6 km to km 70.063 at Mudigere – Kadur section	45.46	332.03

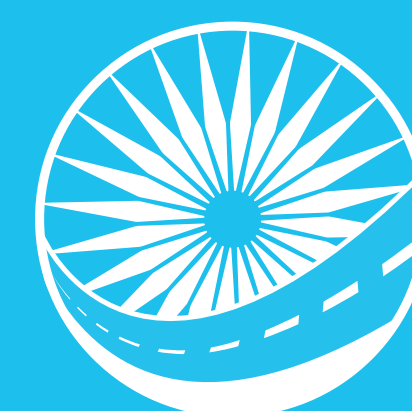




PROJECTS TO BE AWARDED

S.No	Name of Project	Length (km)/No (Karnataka)	Project Cost/ (Rs. in crore)
Ministry Works (through State PWD)			
5.	NH 234, Construction of two lane with paved shoulders from 19.80 km to 40 km	19.8	159.7
6.	NH 150 A, Two lane with paved shoulders from 214.88 km to 235.1 km	20.22	94.01
7.	NH-169 (old NH-13), Reconstruction of major bridges at 648.17 km and minor bridges at 650.204 km, 654.830 km, 655.93 km, 660.030 km & at 663.300 km of Sholapur-Mangalore section		48.75
8.	NH-169A ,Reconstruction of minor bridges at 29.60 km and 30.89 km of Thirthahalli-Udupi section		6.45
9.	NH 367, Construction of 4 lane ROB and its approaches in lieu of existing level crossing 56/T-C2 at 0.517 km		53.516

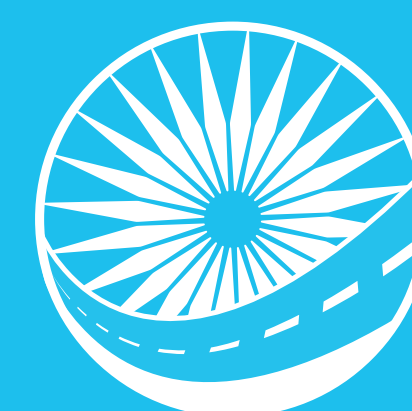




PROJECTS TO BE AWARDED

S.No	Name of Project	Length (km)/No (Karnataka)	Project Cost/ (Rs. in crore)
Ministry Works (through State PWD)			
10.	NH-150A, Construction of 4 lane ROB and its approaches in lieu of existing level crossing 14 at 276.820 km in Karnataka		74.19
11.	NH-218, Construction of 4 lane ROB and its approaches in lieu of existing level crossing 75 at .15 km in Karnataka		58.1294
12.	NH-167, Construction of Major Bridge at 180.865km across river Krishna, Hagari Jadcherla section		157.3184
13.	NH-207, Construction of 2 lane ROB and its approaches in lieu of existing level crossing No.130 at 48.3 km near Koraluru in Karnataka		42.46
14.	NH-150A, Construction of 4 lane ROB and its approaches in lieu of existing level crossing 18 at 620.60km in Karnataka (150A/KNT/(17)/16-17-012- S&R (B)		86.33

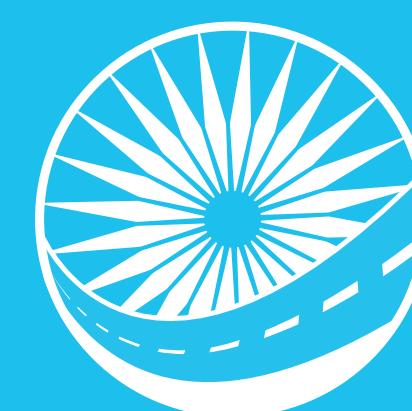




PROJECTS TO BE AWARDED

S.No	Name of Project	Length (km)/No (Karnataka)	Project Cost/ (Rs. in crore)
Ministry Works (through State PWD)			
15.	NH-50, Construction of proposed 4 lane ROB and its approaches in lieu of existing level crossing No.48/E at 66.900 km (Railway chainage 96/6-7) near NAUBAD		91.07
16.	NH-234, Reconstruction of bridges at 359.89km and 358.005 km		14.72
17.	NH 234, Reconstruction of major bridge at 218.840 km of Huliya Banvara section		14.09
18.	NH-150A, Reconstruction to two Lane with paved shoulders from Ds.CH. 442+180 (Ex. 448.00 km) to Ds.CH.485.240 (Ex. 494.000 km) of Huliya to KB Cross section & from Ds.CH. 532+100 (Ex.533.150 km) to Ds.CH.539+100 (Ex. 540.175 km) from KB Cross to Nelligere section	50.06	242.61





PROJECTS TO BE AWARDED

S.No	Name of Project	Length (km)/No	Project Cost/ (Rs. in crore)
Ministry Works (through State PWD)			
19.	NH 63, Minor Bridge parallel to existing bridge		
20.	NH-169A, Construction of four lane from Ds Ch 76.04 (Ex km 77) to 85.20 (Ex km 87) from Parkala to Malpe section	9	100
21.	SH-57, Upgradation of state highway to 2 lane with paved shoulder from 432 km to 584 km, connecting Chikkamagalur to Bilikere via Belur, Hassan, Holenarasipura, Krishnarajanagar including 3 link road to ational highway(package -III from 489.845 km to 537.500 km)(Hassan to Yedegowdanahalli section)	47.655	325.86
	Sub Total	278	2285





KEY PROJECTS

SAGAR MALA

Sagar Mala Project is a strategic and customer oriented initiative aiming for "transforming the existing Ports into modern world class Ports and integrate the development of the Ports, the Industrial clusters and hinterland and efficient evacuation systems through road, rail, inland and coastal waterways resulting in Ports becoming the drivers of economic activity in coastal areas.

The project was launched in Karnataka on 31 July 2015.

Key Components		
Projects Planned	Total Projects	Cost (Rs in Cr)
Port Modernization	24	6,795
Port Connectivity	16	9,969
Port-led Industrialization	2	7,520
Coastal Community Development	6	488

48 projects planned at an investment of Rs. 24,772 Cr





KEY PROJECTS

SAGAR MALA

Project status		
Projects Planned	Total Projctcs	Cost (Rs in Cr)
Completed Projects	3	135
Under Implementation	8	1,735
DPR Projects To Be Implemented	7	764
DPR Projects Under Preperation	9	4,951

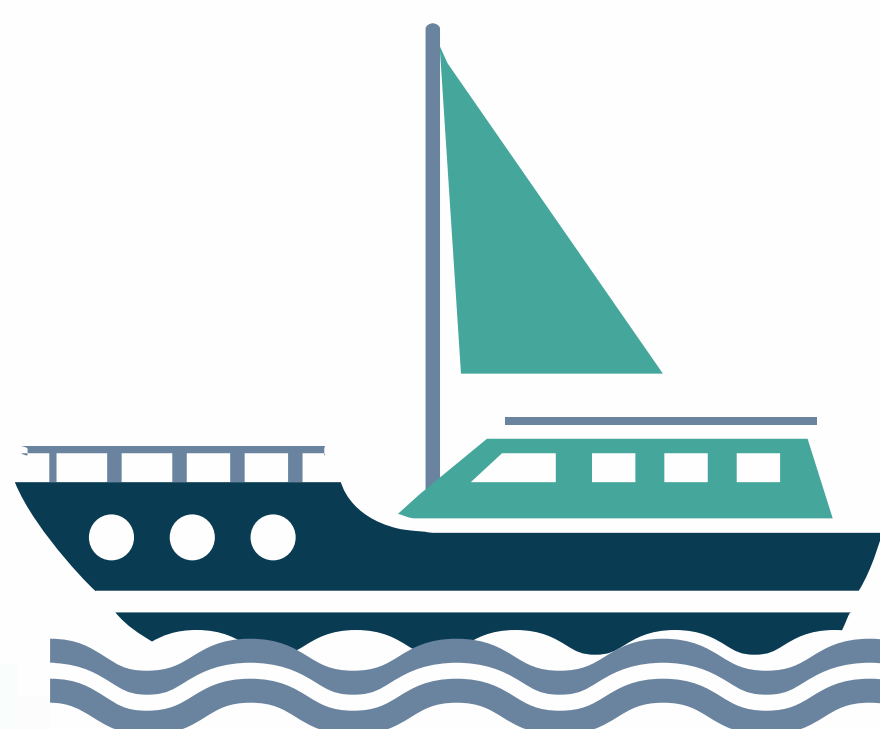




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Government of India



SAGAR MALA PROJECT AIMS TO PROMOTE CRUISE TOURISM



The port charges have been reduced for cruise vessels and all major ports are to charge a uniform single rate of \$0.35 per GRT for first 12 hrs of stay effective from 3rd November, 2017 and will remain in force for a period of three years.

Standardized Operating Procedures (SOPs) for cruise vessels have been revised and operationalized and the orders have been issued by Ministry of Tourism on 28th November, 2017.



Mumbai Port Trust is upgrading the existing cruise terminal at an estimated cost of Rs. 300 crores aiming to transform Mumbai into an international cruise destination.



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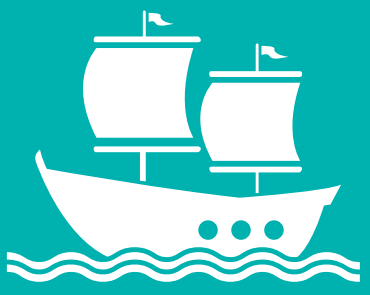
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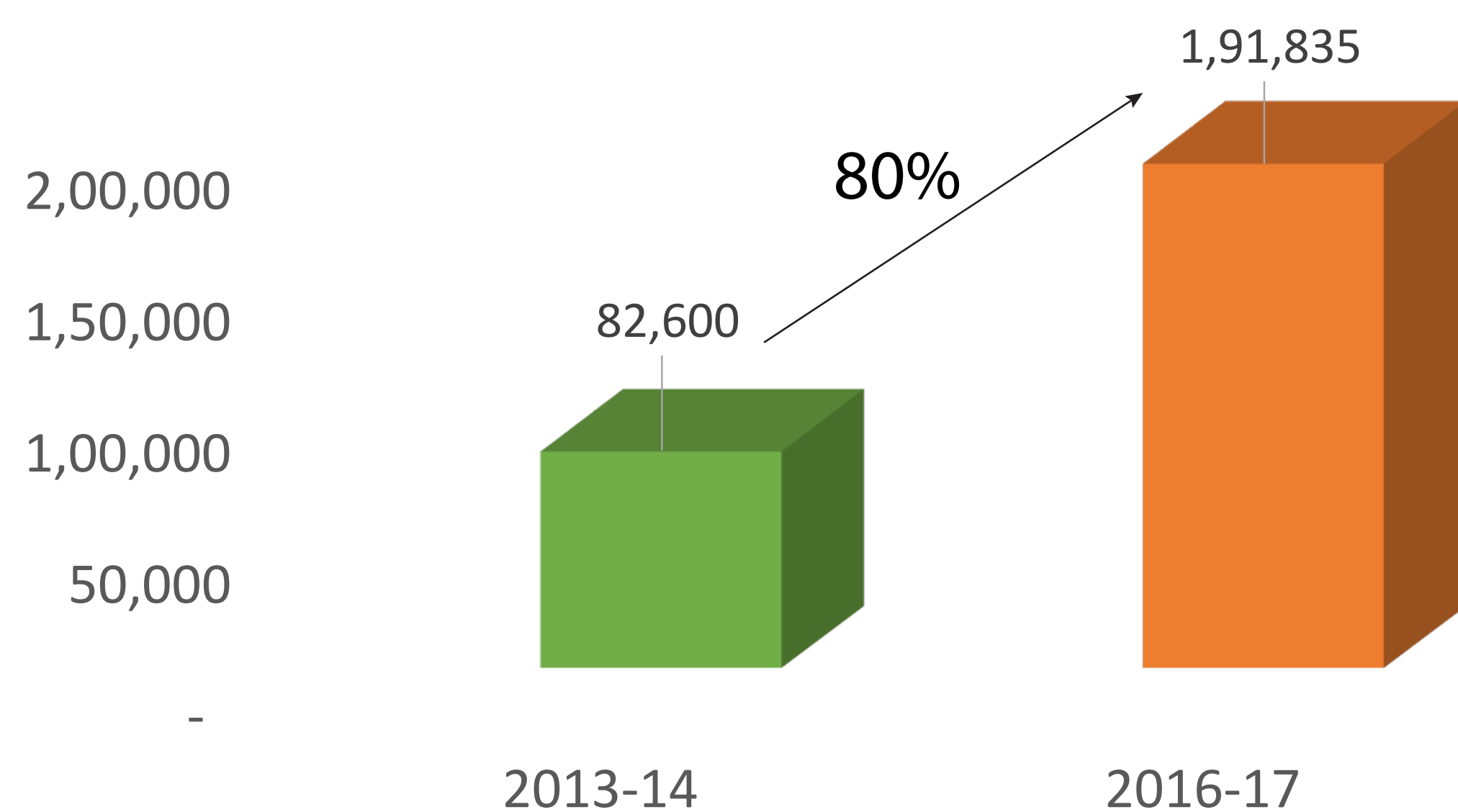


Costa Neo Classica cruise ship had made Mumbai Port as home port for the season 2016-17 and 2017-18. The itinerary included visit to New Mangalore, Goa and Cochin Port while going to Maldives.



The number of cruise passengers have increased from 82,600 in 2013-14 to 1,91,835 in the year 2016-17.

NUMBER OF CRUISE PASSENGERS



Cruise tourists arriving with e-visa are exempted from the requirement of biometric enrolment for a period of three years i.e. till 31.12.2020.



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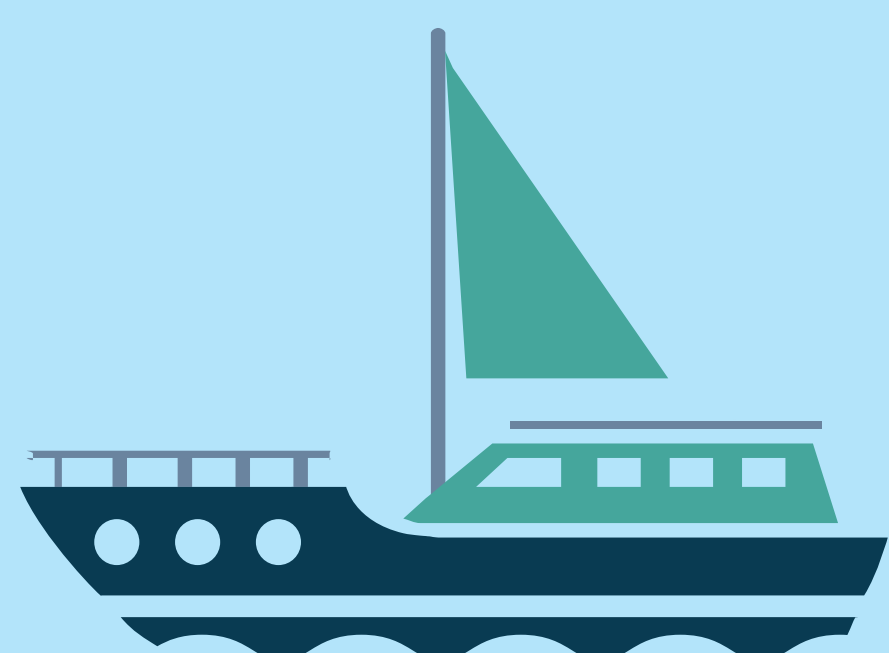
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OTHER PROJECTS

INLAND WATERWAYS

MoU signed with Govt. of Andhra Pradesh during the Maritime India Summit at Mumbai on 14.04.2016 for the development of NW-4.



KEY COMPONENTS

NW-4 (Godavari, Krishna, Kakinada and Puducherry canal) Phase – 1

Phase – 1 fairway development works in Vijayawada – Muktyala stretch of river Krishna have commenced.

Work for installation of floating terminals at 4 locations is in progress.

Feasibility study of extension of River Godavari from Bhadrachalam to Nasik (1184 km) and extension of river Krishna from Wazirabad to Galagali (628 km) is completed and the report is under finalization.



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OTHER PROJECTS

GREEN PORTS

4MW Ground Mounted PV Solar Plants and 1.19 MW Roof Top PV Solar Power System as on date have been installed, meeting 90% of required power.

Key Components

New tank farms are being set-up on 20 acres land helping in improving liquid cargo handling.

Land has been given to CONCOR for developing rail connectivity for ICD.

Land has been given to MRPL for setting up desalination plant round the year resolving water shortage increasing the smooth functioning of port.





OTHER PROJECTS

GREEN PORTS

Key Components

The LNG handling facilities and tapping the LNG market.

Development of dedicated Container berth for handling containers.

Lighthouses for development karnataka includes
1.Bhatkal
2.Suratkal point
3.Kap
4.Oyster rocks

Increasing coastal container movements and size of container vessels.





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SAGARMALA
PORT-LED PROSPERITY

USHURING SIGNIFICANT REFORMS

Ease of Doing Business



Huge relief given to Indian ship owners by allowing afloat inspections of vessels thus reducing dry dock requirement to once every 5 years.

Application, processing and issuance of the chartering permissions have been made completely online and e-payment enabled since December, 2014.

Indian Maritime University switched over to Online Counseling from 2014-15 onwards.



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USHURING SIGNIFICANT REFORMS

Ease of Doing Business

Coastal



In order to promote coastal Ro-RO ship service, 80% discount for two years on Vessel Related Charges(VRC) and Cargo Related Charges(CRC) for coastal transportation of vehicles through RO-RO ship was provided for two years with effect from 20th September, 2016.

Cabotage has been relaxed for specialize vessels such as RO-RO, Ro-PAX, Hybrid Ro-Ro, Pure Car carriers, Pure Car and Truck carriers, LNG vessels and Over-Dimensional cargo or Project cargo carriers for 5 years with effect from 2nd Sept., 2015.

Coastal ships are eligible for a rebate of 40% on Vessel and Cargo Related charges at major ports except for coal, POL and Iron ore.

The Ministry of Shipping has taken up the process for selection of Private Sector Developers for developing the proposed Projects on Public Private Partnership (PPP) model for 8 Lighthouses



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USHURING SIGNIFICANT REFORMS

Ease of Doing Business

Center of Excellence in Maritime and Ship building

A world class Center of Excellence in Maritime and Ship Building (CEMS) has been set up by Ministry of Shipping in collaboration with Siemens and Indian Register of Shipping (IRS).

CEMS will have campuses at Vishakhapatnam and Mumbai, and will provide industry-relevant skill development, equip students with employable engineering and technical skills in the port and maritime sector.

CEMS will become a global hub for quality skill development in the port and maritime sector and provide skilled manpower for India's ship building and heavy industry.



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USHURING SIGNIFICANT REFORMS

New Legislation

Opening untapped economic and transportation opportunities and ease of business in the country

The National Waterways Act, 2016, declaring 106 new 'National Waterways' through a single legislation has come into force w.e.f. 12th April 2016.

The Admiralty (Jurisdiction and Settlement of Maritime Claims) Act, 2017 was enacted on 9th August, 2017 after Presidential assent.

Major Port Authorities Bill was introduced in the Lok Sabha in December, 2016 to modernize the institutional structure of the ports and to usher in professional governance in the ports.

13 obsolete rules under the Merchant Shipping Act, 1958 were identified as unnecessary and accordingly these rules were rescinded /repealed through a gazette notification dated 7.11.2015.





USHURING SIGNIFICANT REFORMS

New Legislation

The Merchant Shipping Bill, 2016 was introduced in Lok Sabha on 16 Dec 2016 with a view to:

1. Simplify the law governing the merchant shipping in India.

2. Promote ease of doing business, transparency and effective delivery of services.

3. Augmenting Indian tonnage.

4. Introduction of welfare measures for seafarers.

5. Cover registration of certain residuary category of vessels not covered under any statute .





Ministry of Shipping
Government of India



SAGARMALA
PORT-LED PROSPERITY

USHURING SIGNIFICANT REFORMS

New Legislation

Policy Reforms

New Captive Berth in Ports Policy guidelines issued in July, 2016. New Berthing Policy came into effect from August, 2016.

New Stevedoring Policy has been implemented since July, 2016 aimed at improving productivity, efficiency and safety in the ports.

To enhance confidence of investors, revised Model Concession Agreement (MCA) document for implementation of PPP projects in Major Ports has been approved in 2018.



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NEW INITIATIVES

Major port

- Multi-Product SEZ being set up by JNPT.
- Smart Port Industrial City being set up by Paradip and Kandla Ports.
- Phase I of the Fourth Container Terminal (FCT) project at Jawaharlal Nehru Port Trust (JNPT), India's largest FDI project in the port sector has become operational.



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INTERNATIONAL COORPERATION

The Indian Ports
Global Ltd., an SPV, has been
established by Ministry of
Shipping. To operationalize
the decision of India's
participation in the **Chabahar
Port Project in Iran,**

A Letter of Award for the
most critical equipment for
Chabahar Port i.e. Rail
Mounted Quay Cranes
(RMQC) was issued on
31.10.2017.



During the visit of Hon'ble
President of Iran on
17.02.2018, an interim
operation MoU was signed
between India and Iran on
ChabaharPort.



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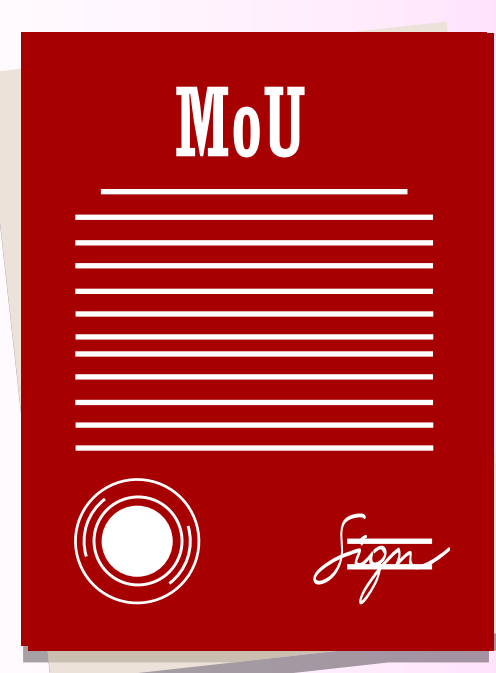
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INTERNATIONAL COORPERATION

India
re-elected to the
Council of the International
Maritime Organization [IMO]
under Category “B” (States with the
largest interest in international
seaborne trade) at the 30th session
of the Assembly of the IMO held in
London on 01 December, 2017 with
second highest vote margin
and securing 144
votes.

The Inland Water Transit
and Trade Protocol between
India and Bangladesh has
been extended for a period of
five years till 2020.



MoU on Passenger and
Cruise Services on the Coastal
and Protocol Route was
signed with Bangladesh on
8.4.2017.



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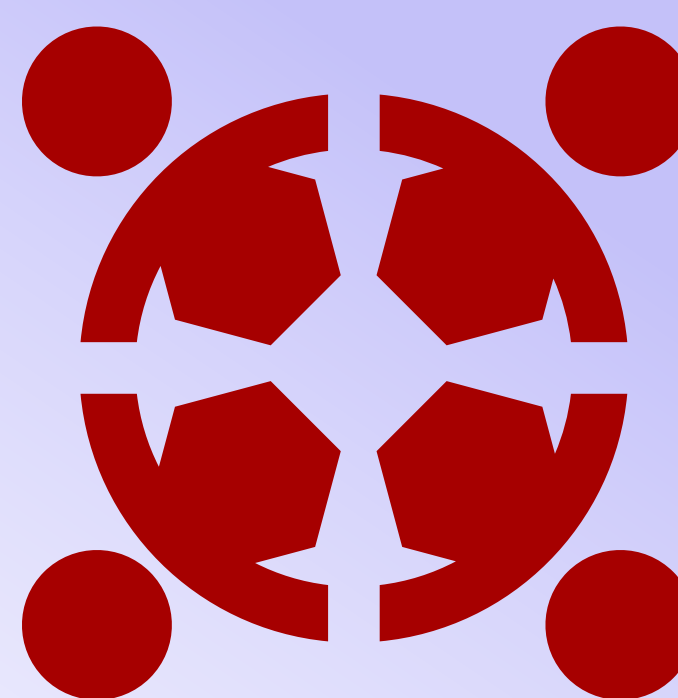
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Government of India



INTERNATIONAL COORPERATION

To facilitate to and fro movement of cargo from the NER through waterways of Bangladesh, an MoU was signed with Bangladesh on 8.4.2017 for the development of Ashuganj-Zakiganj/Karimganj stretches of Kushiara River and Sirajganj-Daikhawa stretch of Jamuna River on PIWTT Route by sharing the cost by India and Bangladesh in the ratio 80:20.

MoU and SOP between India and Bangladesh on the use of Chittagong and Mongla Ports for movement of goods to and from India is under finalization.



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ACHIEVEMENTS (During 2014-17)

1. E-Governance system of DGS revamped and made completely paperless

2. E-payment enabled for:

- Continuous Discharge Certificates
- Chartering permissions
- Registration of Multi modal Transport Operators
- Assessment and seat booking for Certificate of Competency examinations
- Certificate of Competency
- Dangerous Cargo Endorsements
- Registration of Ships
- Certificate of Competency for Cooks. The facility has been utilized by 1.40 lakh seafarers





ACHIEVEMENTS (During 2014-17)

3. Comprehensive Inspection Programme was introduced in 2015 to standardize and improve the quality of training.

4. The requirement for trading license for Indian flag ships has been waived, thereby reducing the footfalls for the Indian ship owners.

5. An online grievance redressal cum feedback system was started in June, 2016 through which feedback /grievances of the stakeholders are received and addressed in less than 3 days.





ACHIEVEMENTS (During 2014-17)

8. During the period the Indian tonnage increased from 10.4 million GT as on 1.1.2014 to 11.7 million GT as on 1.5.2017.

7. The powers for registration, survey and certification of Indian fishing vessels was delegated to respective State Governments /Union Territories in August 2014.

6. A comprehensive e-learning module launched in 2015. About 3000 seafarers are utilizing this e-learning facility which is provided free of cost.

