

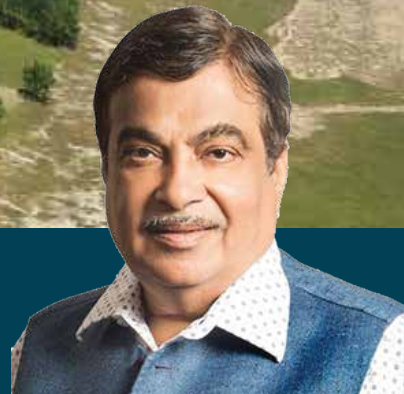


Ministry of Road Transport & Highways  
Government of India

# BHARATMALA PARIYOJANA

October 2017

**A STEPPING STONE  
TOWARDS 'NEW INDIA'**



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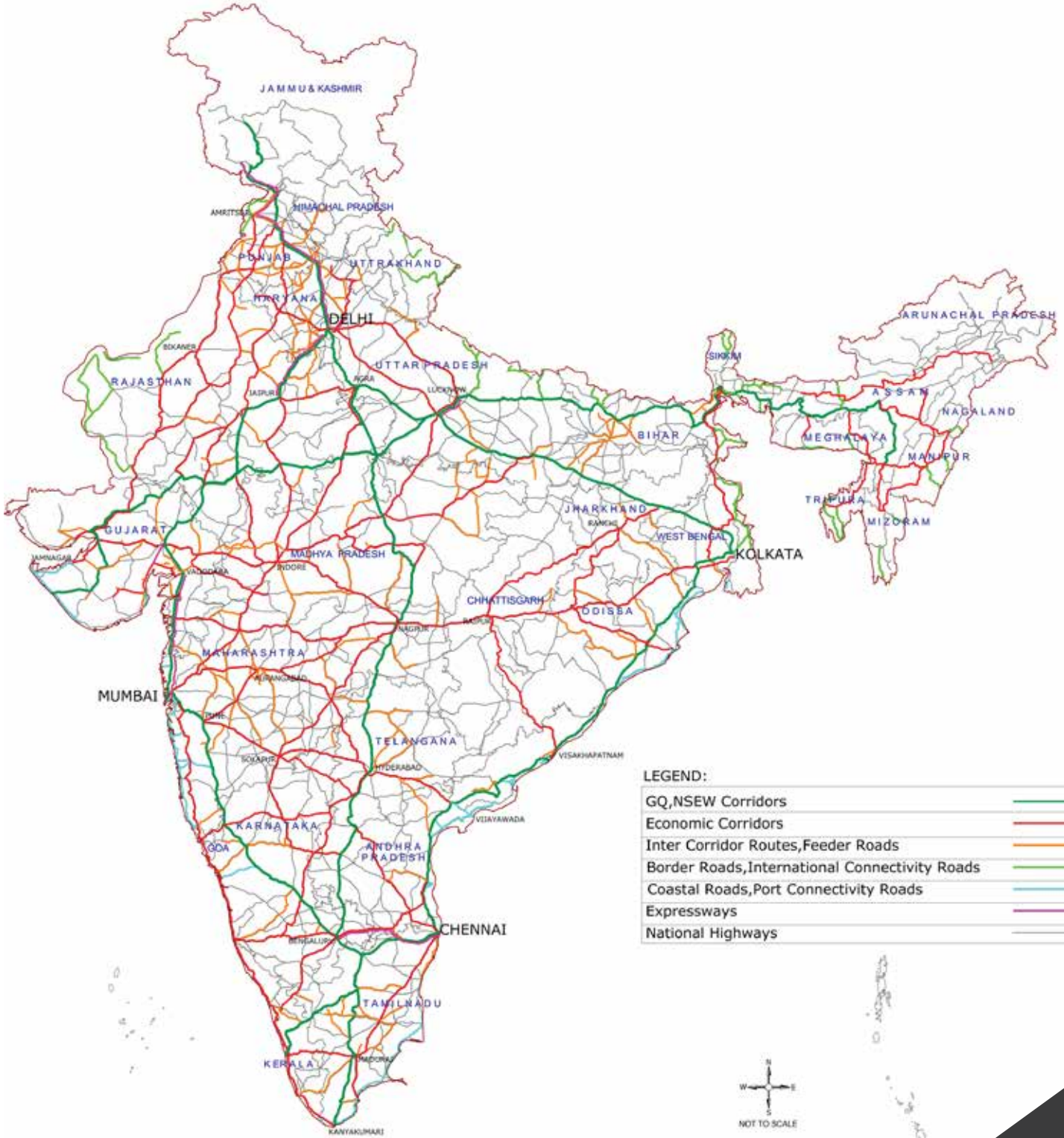


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# BHARATMALA PARIYOJANA



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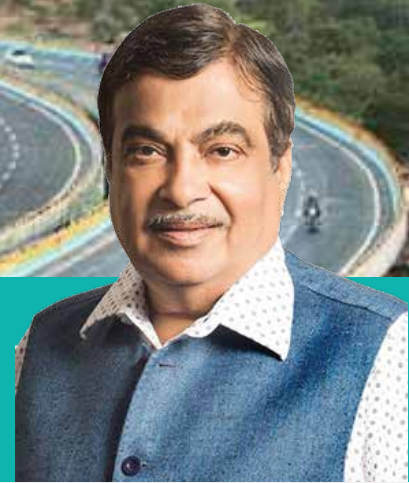
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“Bharatmala will provide NH linkage to 550 districts, and be a major driver for economic growth in the country and help realize Prime Minister Shri Modi’s vision of a New India.”



**Shri. Nitin Gadkari**  
Hon'ble Minister of  
Road transport and Highways

Watch press conference by Shri Nitin Gadkari on Bharatmala Project -



## 1. Why Bharatmala?

## 2. Highlights of Bharatmala

## 3. Components of Bharatmala

## 4. Identification of corridors in a scientific manner

## 5. Impact of Bharatmala

## 6. In the News



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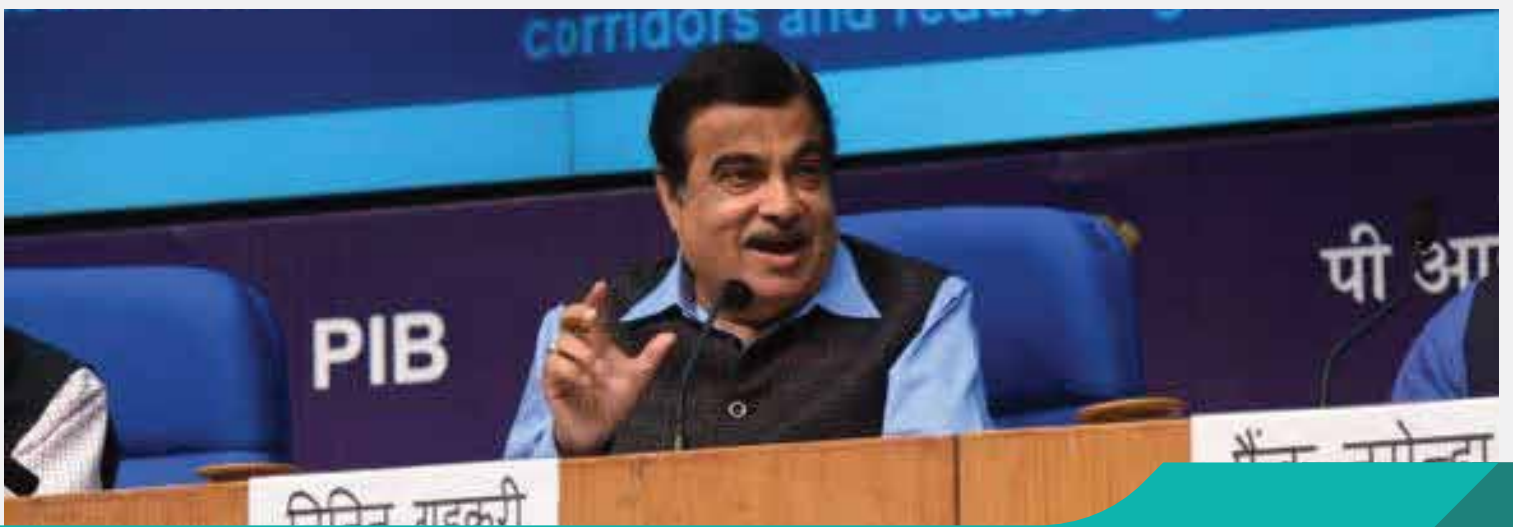


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\* All the maps are Indicative



# WHY BHARATMALA?



**Prime focus on:** Optimizing efficiency of the movement of goods and people across the country

50 New National corridors

Connecting 550 Districts in the country through NH linkages

Generating large number of direct and indirect employment opportunities in the construction & infrastructure sector and also as part of the enhanced economic activity resulting from better road connectivity across the country

Development of 24,800 kms in Phase- I

Phase –I includes development of 10,000 kms of balance road works under NHDP, taking the total to 34,800 kms at an estimated cost of Rs.5,35,000 crore

Huge investment opportunities



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# 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

## Improving connectivity in the North East



- North East Economic corridor enhancing connectivity to state capitals and key towns
- Multimodal freight movement via 7 Waterway terminals on River Brahmaputra
  - Dhubri, Silghat, Biswanath Ghat, Neamati, Dibrugarh, Sengajan, Oriyamghat

## Seamless connectivity with Neighboring countries



- ▲ Other land ports
- Major cities
- LPAP-identified ICPs
- Road links with GQ, NSEW
- Linkage with regional corridors
- East-West Corridor / Golden Quadrilateral

- 24 Integrated check posts (ICPs) identified
- Transit through B'desh to improve North East connectivity
- Integrating Bangladesh – Bhutan – Nepal and Myanmar – Thailand corridors will make North-East hub of East Asia



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# Components of Bharatmala Pariyojana



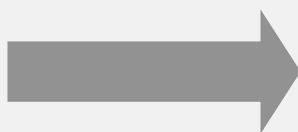
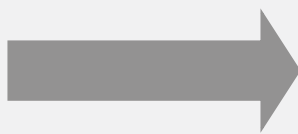
**Bharatmala Pariyojana Components to deliver substantial Improvements in Highway Network.**

**From**

**Six** Corridors  
(GQ, NS-EQ)

**40%** freight on  
National Highways

**~300** districts  
connected by  
4+ Lane Highways



**To**

**Fifty** Corridors

**70-80%** freight on  
National Highways

**~550** districts  
connected by  
4+ Lane Highways



# PHASE-I OF BHARATMALA PARIYOJANA APPROVED IN CCEA MEETING CHAIRED BY PM. #NewIndia

## Components

**1** 44 Economic corridors  
Length - 26,200 km  
Phase 1: 9,000 km  
with Outlay of Rs. 1,20,000 cr

**2** Inter-corridor  
- 66 Inter corridor Routes Length - 8,400km  
Feeder Roads  
- 116 Feeder Routes Length - 7,600 km  
Phase 1: 6,000 km  
With Outlay of Rs. 80,000 cr

**3** National Corridors  
Efficiency improvements  
Phase 1: 5,000 km  
with Outlay of Rs. 1,00,000 cr

**4** Border & International  
connectivity roads  
Length - 2,000 km  
with Outlay of Rs. 25,000 cr

**5** Coastal & port  
connectivity roads  
Length - km - 2,000  
with Outlay of Rs . 20,000 cr

**6** Expressways  
Length - 800 km  
with Outlay of Rs. 40,000 cr

**7** Around 24,800 kms will be taken up in Ph-I of Bharatmala, in addition to 10,000 kms of balance road works under NHDP, taking the total to 34,800 km at an estimated cost of approx Rs 5,35,000 cr.



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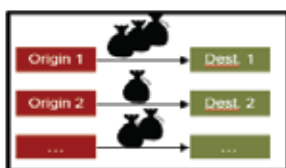
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# Identification of corridors in a scientific manner



A.



**Origin –  
Destination  
Study**

**Commodity-wise survey of freight movement across 600 districts**

B.



**Mapping of Shortest Route for 12,000 routes carrying 90% of the freight**

C.



**Automated  
Traffic Surveys**

**Technology-based automated traffic surveys over 1,500+ points across the country**

D.



**Satellite mapping of corridors to identify upgradation requirements**



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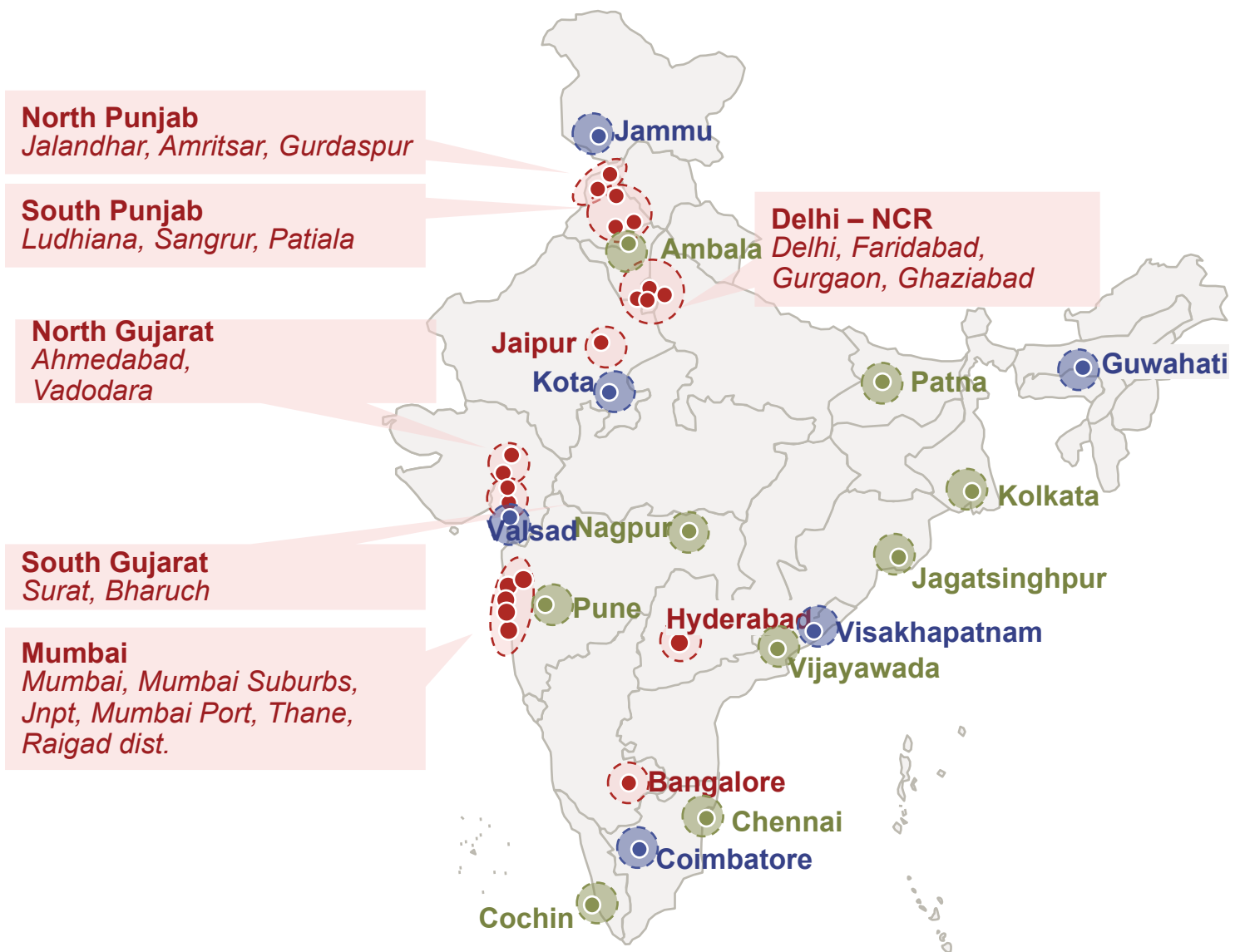
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# Impact of Bharatmala Pariyojana



## Development of Multimodal Logistics Parks



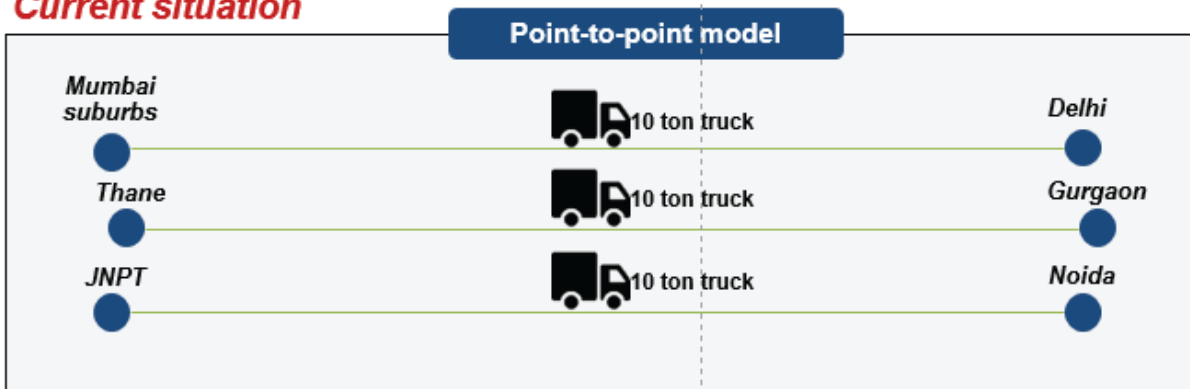
**24 logistics parks identified on National corridors will cater to key production and consumption centers accounting for 45% of India's road freight**





# Development of Multimodal Logistics Parks

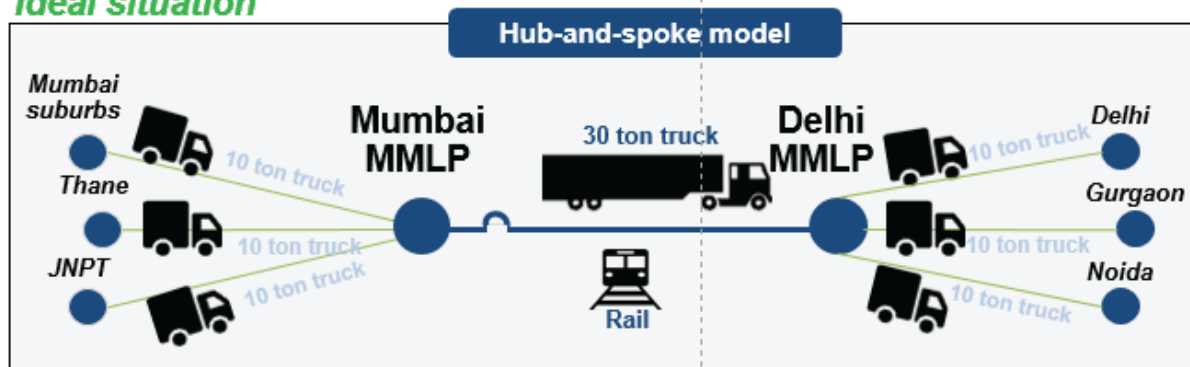
## Current situation



INR/MT/km

~2.4

## Ideal situation



~25%+ decrease

~1.8

Consolidated movement is expected to improve efficiency of freight movement on existing corridors and reduce logistics cost by 25%



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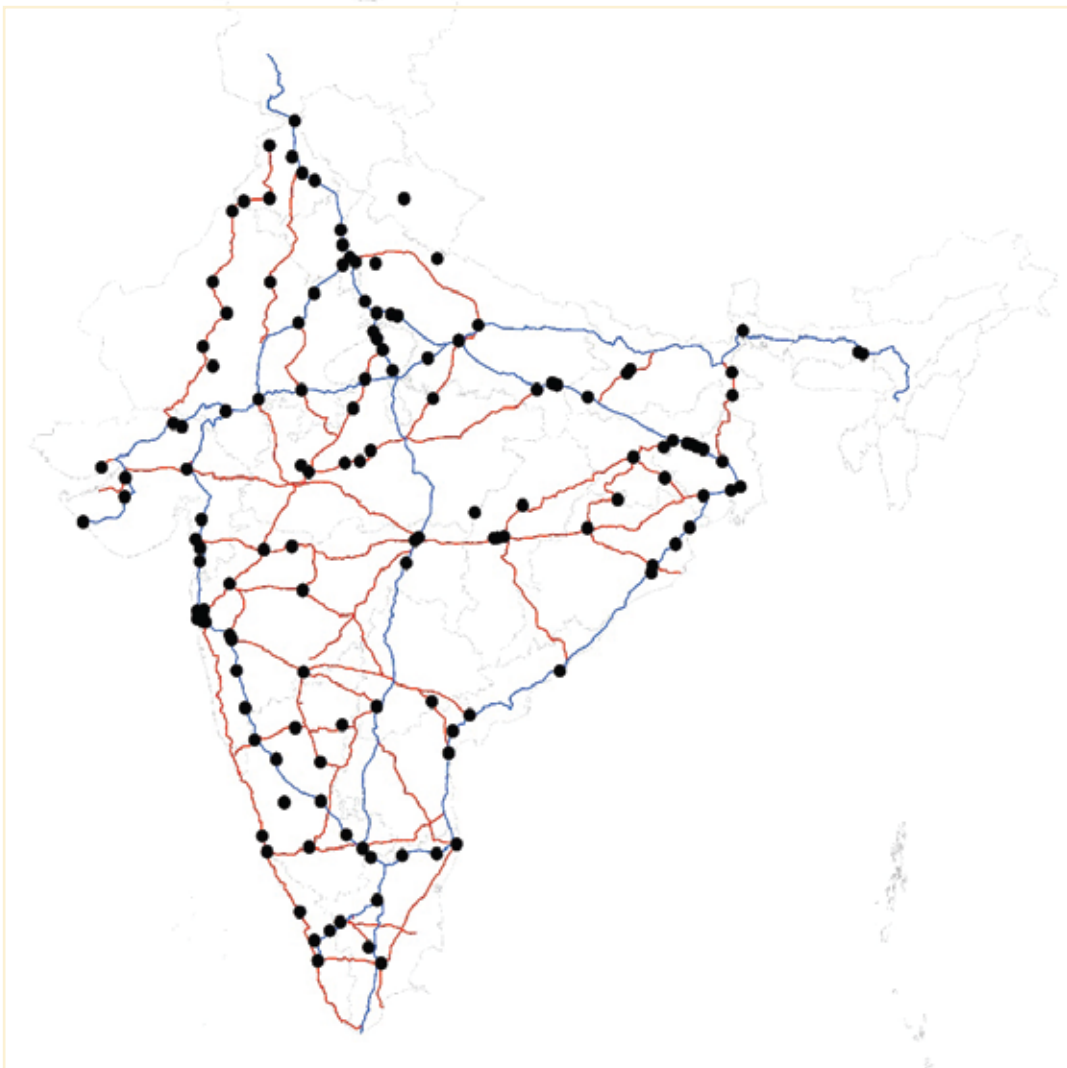
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# Decongestion of Corridor Network



## Potential Interventions

- **185 choke points identified**
- **Interventions planned:**
  - 28 ring roads
  - 45 bypasses
  - 34 lane expansions
  - 12 other interventions
  - Interventions to be finalized in other 60+ choke points





सत्यमेव जयते

# In the News

## India's biggest infra project BharatMala to create 1 cr jobs

NEW DELHI: The massive highway project BharatMala will create over 1 crore jobs over the next five years, says Union Minister Nitin Gadkari. The project, worth over ₹10 lakh crore, is the largest infrastructure project ever undertaken in India. It involves the construction of 626 km of new highways, including the Bengaluru-Mysore, Mysore-Nidaghatta, Nidaghatta-Bangalore, Bangalore-Kerala border, Kerala border-Mysuru, Mysuru (45.5 km) and Maharashtra/Karnataka border (Kagali) to Belagavi NH-4 (78 km).

## भारतमाला प्रोजेक्ट के तहत नई सड़कों पर अगले साल के अंत से शुरू होगा निर्माण

नई दिल्ली: भारत में सड़कों का विकास विगत के दशकों से धीरे-धीरे हो रहा है, जो कि भारतीय जनता पार्टी के सरकारों के अंतर्गत ही नहीं, बल्कि अनेक अन्य पार्टियों के अंतर्गत भी हो चुका है। पर जीएचए के अंतर्गत नई सड़कों का निर्माण शुरू होने के बाद, अगले साल के अंत में ही सड़कों का निर्माण शुरू हो सकेगा।

## This is how BharatMala will decongest major cities, cut logistics costs

NEW DELHI: Union Prime Minister Narendra Modi and Union Transport Minister Nitin Gadkari's ambitious BharatMala programme will increase vehicle travelling speed by around 20-25%, thereby helping reduce logistics costs, transportation minister Gadkari said. The programme will create 100 million non-days of jobs during the construction phase and 25 million permanent jobs due to the increased economic activity being generated by it. The government expects the road construction programme including BharatMala to generate 100 million non-days of jobs.

## BharatMala project to bring down logistics cost to 6%: Gadkari

NEW DELHI: Roads built under India's ambitious BharatMala programme will increase vehicle travelling speed by around 20-25%, thereby helping reduce logistics costs, transportation minister Nitin Gadkari said. The programme will create 100 million non-days of jobs during the construction phase and 25 million permanent jobs due to the increased economic activity being generated by it. The government expects the road construction programme including BharatMala to generate 100 million non-days of jobs.

## GOING IN CIRCLES Satellite town ring road, which was proposed almost a decade ago, will encircle the metropolitan area Centre's BharatMala Project Picks STRR over PRR for City

Bengaluru: The 340 km satellite town ring road (STRR) for Bengaluru, which was proposed almost a decade ago, is being resurrected, thanks to the Centre's BharatMala project. However, the proposal to build the 65-km peripheral ring road (PRR) which is over 20 years old, and for which the state government is seeking financial help from the Centre - continues to languish. The PRR was expected to be the continuation of the NICE Road, from Hosur Road to Tumkur Road via Old Madras Road and Bullary Road. The STRR - meant to encircle the Bengaluru metropolitan area - is among the 38 highway development projects approved for Karnataka under the Centre's ambitious project. The project itself is divided into three parts: Hosur-Dobaspet (120 km), Hosur-Hoskote (41.5 km) and Hoskote-Dobaspet (90.02 km).

**What State gets Under BharatMala**  
As many as 38 highway development are being taken up under the BharatMala Project. This includes 626-km of roads that are already under construction and 2,015 km of new highways. **Prominent among them are:** Six-laning of the Bengaluru - Malappuram (Bengaluru - Nidaghatta 156 km, Nidaghatta - Mysore 161 km) and Mysuru - Kerala border (70 km) and Mysuru (45.5 km) and Maharashtra/Karnataka border (Kagali) to Belagavi NH-4 (78 km).

NHAI Karnataka, confirmed that the STRR would be developed in four same road under BharatMala slated by 2020. The State govt, expected come to the re project attack. "We had written financial aid from the Centre to fund the project of land at ₹5,000 crore," an additional Urban Development

**BharatMala to decongest cities; connect another 250 districts with four-lane highways**  
Highway Minister Nitin Gadkari said that the BharatMala project would create 100 million non-days of jobs during the construction phase and 25 million permanent jobs due to the increased economic activity being generated by it. The government expects the road construction programme including BharatMala to generate 100 million non-days of jobs.

**BharatMala Will Lower Logistics Costs To 6 Per Cent From 18 Per Cent Now: Nitin Gadkari**  
Uttar Bharat - Oct 26, 2017, 12:25 pm  
Dish TV

**What is BharatMala project? PM Narendra Modi's most ambitious highway development plan**  
The BharatMala project is the largest infrastructure project ever undertaken in India. It involves the construction of 626 km of new highways, including the Bengaluru-Mysore, Mysore-Nidaghatta, Nidaghatta-Bangalore, Bangalore-Kerala border, Kerala border-Mysuru, Mysuru (45.5 km) and Maharashtra/Karnataka border (Kagali) to Belagavi NH-4 (78 km).

**'भारतमाला' से खड़ा होगा विश्वस्तरीय बुनियादी ढांचा**  
विश्व के कुतूहल से भरे हुए भारतीय जनता पार्टी के सरकारों के अंतर्गत ही नहीं, बल्कि अनेक अन्य पार्टियों के अंतर्गत भी हो चुका है। पर जीएचए के अंतर्गत नई सड़कों का निर्माण शुरू होने के बाद, अगले साल के अंत में ही सड़कों का निर्माण शुरू हो सकेगा।

**28 शहरों में बनेंगे रिंग रोड**  
45 किलोमीटर और ऊपर के रिंग रोड, आकर और अड़भरा कर ही शहर कायम

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## BharatMala Will Lower Logistics Costs To 6 Per Cent From 18 Per Cent Now: Nitin Gadkari

# भारतमाला प्रोजेक्ट से देश की बदल जाएगी सूरत, जानें क्या है ये