

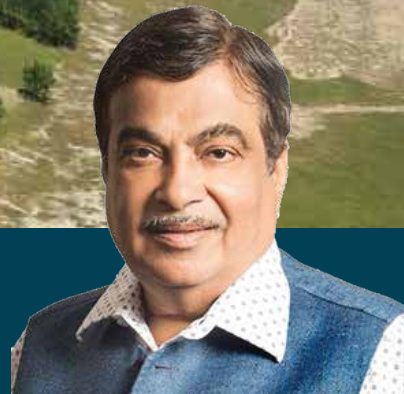


Ministry of Road Transport & Highways  
Government of India

# BHARATMALA PARIYOJANA

October 2017

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



MoRTHIndia

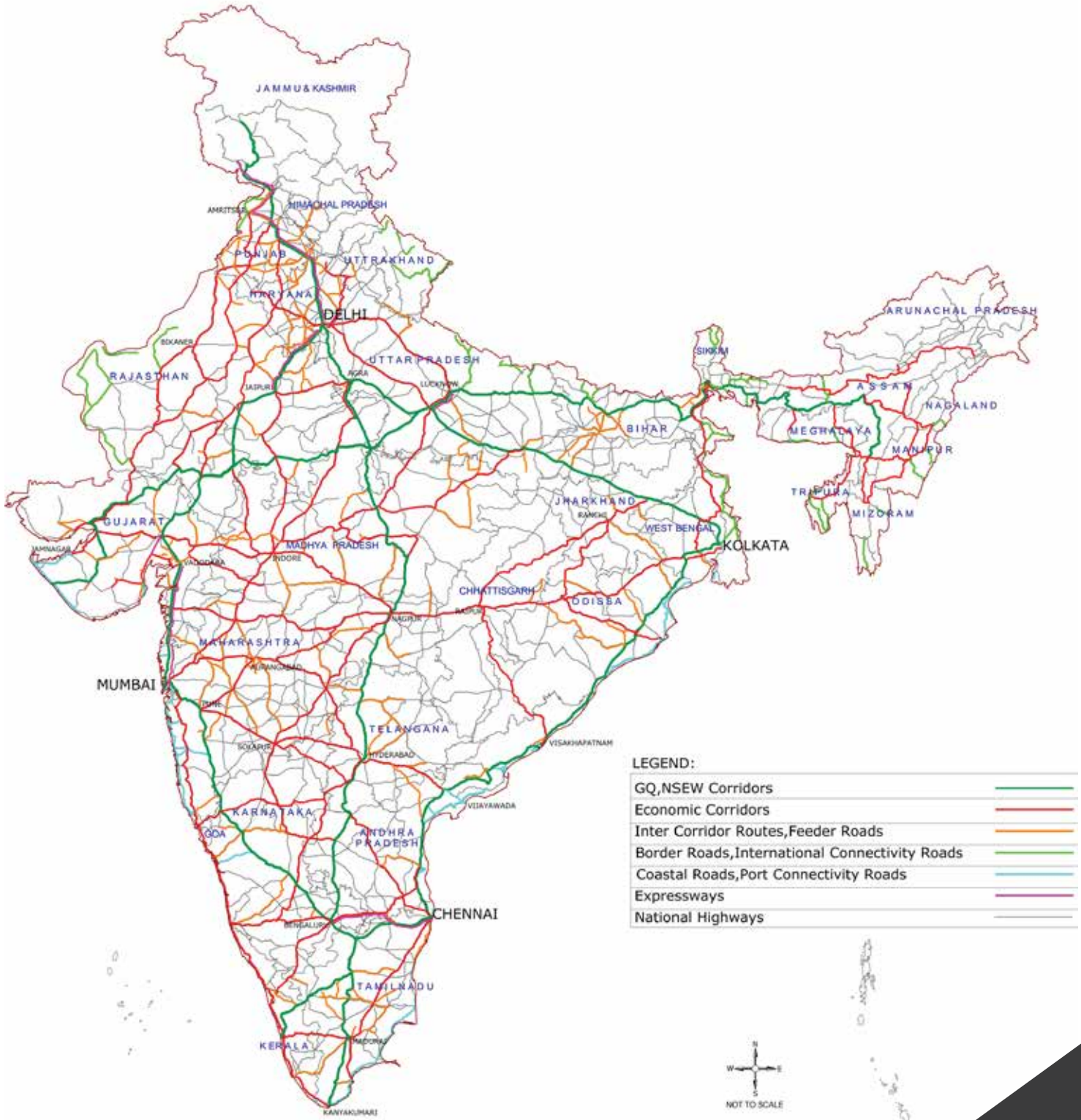


@MoRTHIndia



MoRTHIndia

# BHARATMALA PARIYOJANA



MoRTHIndia



@MoRTHIndia

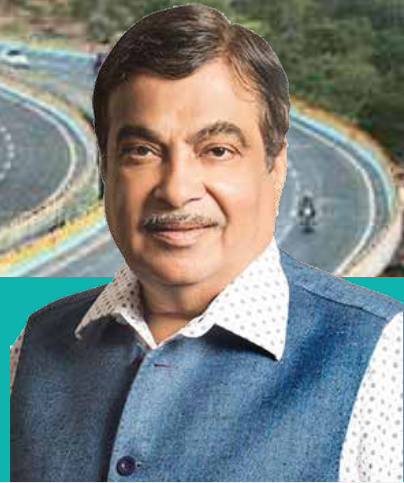


MoRTHIndia





**“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



MoRTHIndia

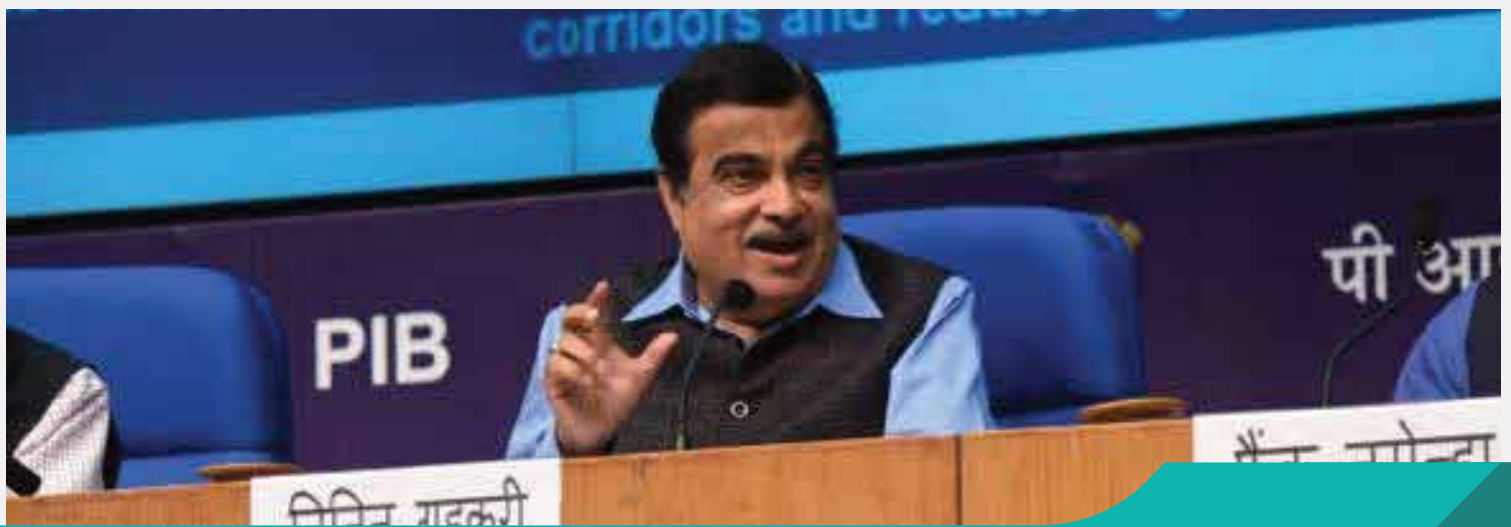


@MoRTHIndia



MoRTHIndia

\* 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



MoRTHIndia



@MoRTHIndia



MoRTHIndia



# 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
- LPAI<sup>3</sup>-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



MoRTHIndia



@MoRTHIndia



MoRTHIndia



# Components of Bharatmala Pariyojana



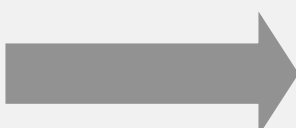
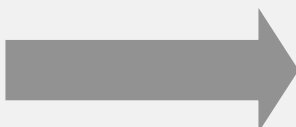
**Bharatmala Pariyojana Components to deliver substantial Improvements in Highway Network.**

**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



MoRTHIndia



@MoRTHIndia



MoRTHIndia





# 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.



MoRTHIndia



@MoRTHIndia



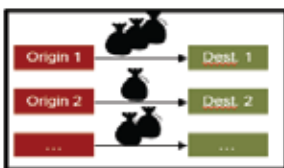
MoRTHIndia



# 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**



MoRTHIndia



@MoRTHIndia



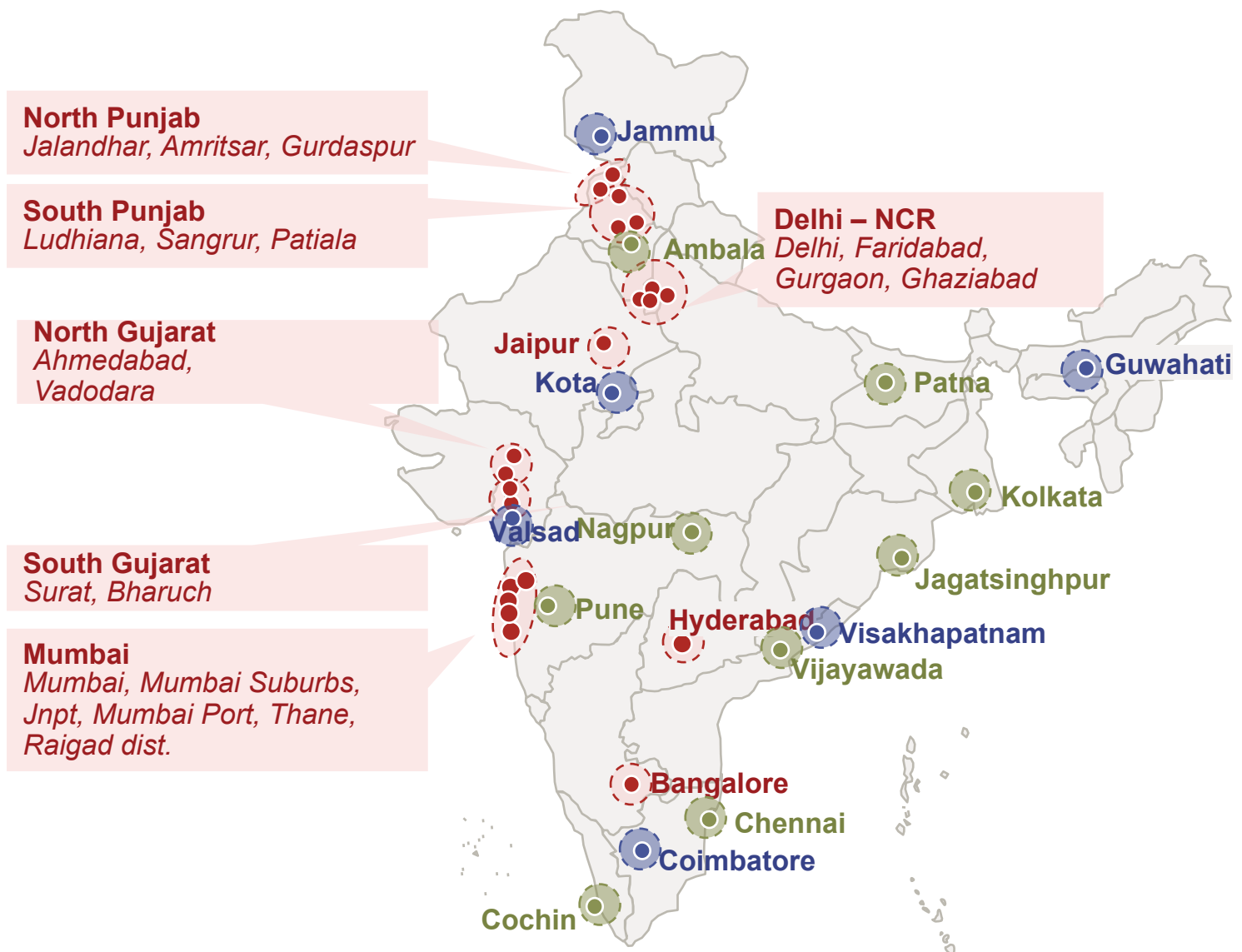
MoRTHIndia



# 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**



MoRTHIndia



@MoRTHIndia



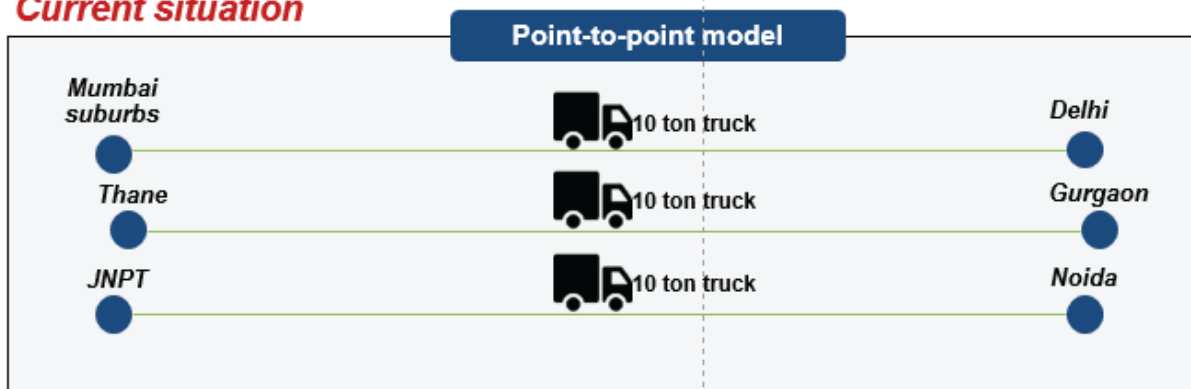
MoRTHIndia

\* All the maps are Indicative



## Development of Multimodal Logistics Parks

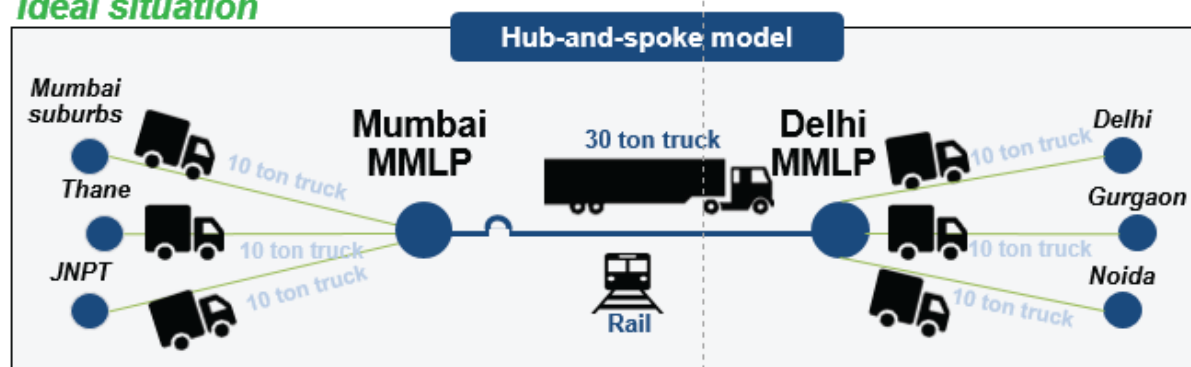
### Current situation



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%**



MoRTHIndia



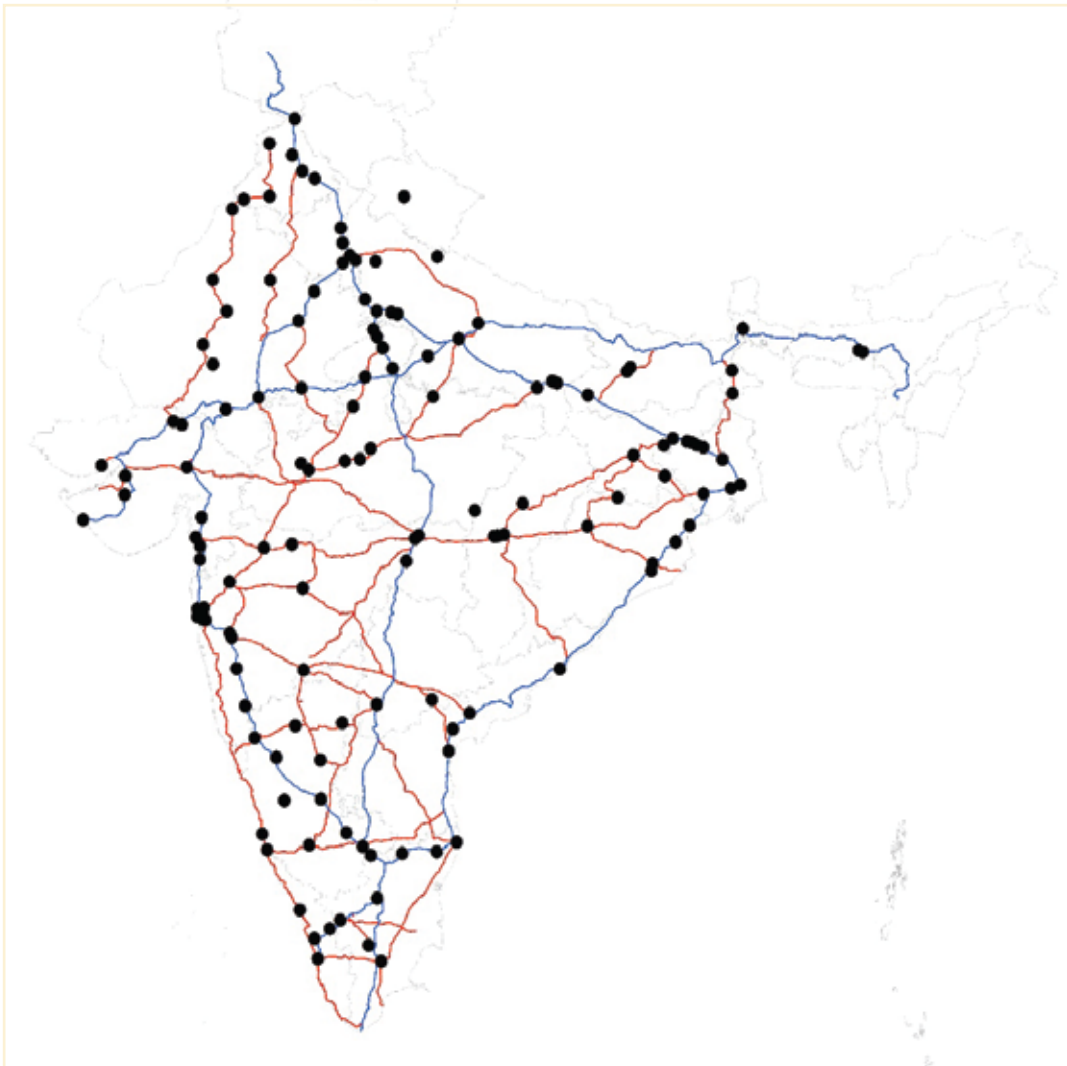
@MoRTHIndia



MoRTHIndia



# 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

**ANALYSIS** India's biggest infrastructure project, BharatMala, is set to create 1 crore jobs over the next five years. The project, which is a part of the government's ambitious infrastructure push, is expected to boost the economy and create a large number of employment opportunities. The project is being implemented by the National Highway Development Corporation (NHDC) and is expected to be completed by 2022. The project is a part of the government's ambitious infrastructure push, which is aimed at improving the country's infrastructure and creating a large number of employment opportunities. The project is being implemented by the National Highway Development Corporation (NHDC) and is expected to be completed by 2022.

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

**नई दिल्ली** भारत में सड़कों का जाल बिछाने के अंत में पूरा की जा रही भारतमाला प्रोजेक्ट के तहत सड़कों का निर्माण अगले साल दिसंबर से शुरू हो जाएगा। सरकार ने इस प्रोजेक्ट की नई नीति की अगुवाई में हुए विभिन्न क्षेत्रों के अंत में इसे सड़कों के माध्यम से जोड़ने का निर्णय लिया है। प्रोजेक्ट के तहत 28 राज्यों में निर्माण कार्य शुरू होगा और इससे लाखों लोगों को रोजगार मिलेगा। प्रोजेक्ट के तहत 28 राज्यों में निर्माण कार्य शुरू होगा और इससे लाखों लोगों को रोजगार मिलेगा। प्रोजेक्ट के तहत 28 राज्यों में निर्माण कार्य शुरू होगा और इससे लाखों लोगों को रोजगार मिलेगा।

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

**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 at a press conference. He said that the project would help reduce India's supply chain cost to 18% from the current level of 20-25%, which is higher than China, which has a supply chain cost of 10-12%. The project is expected to be completed by 2022.

## 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 at a press conference. He said that the project would help reduce India's supply chain cost to 18% from the current level of 20-25%, which is higher than China, which has a supply chain cost of 10-12%. The project is expected to be completed by 2022.

## 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. The project is expected to be completed by 2022. The project is a part of the government's ambitious infrastructure push, which is aimed at improving the country's infrastructure and creating a large number of employment opportunities. The project is being implemented by the National Highway Development Corporation (NHDC) and is expected to be completed by 2022.

**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 - Mallapuram (Bengaluru - Nidaghatta) 156 km, Nidaghatta - Mysore 161 km and Mysore - Kerala border 70 km, Nelamangala - Tumakuru 45.5 km and Mahabaleshwar/Karnataka border (Kagali) to Belagavi NH-47 (78 km).

**NHAI Karnataka**, confirmed that the STRR would be developed as a four-lane road. The project is expected to be completed by 2022. The project is a part of the government's ambitious infrastructure push, which is aimed at improving the country's infrastructure and creating a large number of employment opportunities. The project is being implemented by the National Highway Development Corporation (NHDC) and is expected to be completed by 2022.

## Bharatmala to decongest cities; connect another 250 districts with four-lane highways

**Highway Minister** to work more funds from NHAI, says Gadkari. The project is expected to be completed by 2022. The project is a part of the government's ambitious infrastructure push, which is aimed at improving the country's infrastructure and creating a large number of employment opportunities. The project is being implemented by the National Highway Development Corporation (NHDC) and is expected to be completed by 2022.

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

**Uttar Bharat** - Oct 26, 2017, 12:25 pm. The project is expected to be completed by 2022. The project is a part of the government's ambitious infrastructure push, which is aimed at improving the country's infrastructure and creating a large number of employment opportunities. The project is being implemented by the National Highway Development Corporation (NHDC) and is expected to be completed by 2022.

## What is Bharatmala project? PM Narendra Modi's most ambitious highway development plan

**Prime Minister Narendra Modi-led Union government approved the Phase-1 of one of India's biggest plan - the Bharatmala project.**

**SWADHINYA**  
MISSION 360  
One Subscription Many Benefits  
Starting @ ₹299

**SWADHINYA**  
MISSION 360  
One Subscription Many Benefits  
Starting @ ₹299

## 'भारतमाला' से खड़ा होगा विश्वस्तरीय बुनियादी ढांचा

**नई दिल्ली** भारत में सड़कों का जाल बिछाने के अंत में पूरा की जा रही भारतमाला प्रोजेक्ट के तहत सड़कों का निर्माण अगले साल दिसंबर से शुरू हो जाएगा। सरकार ने इस प्रोजेक्ट की नई नीति की अगुवाई में हुए विभिन्न क्षेत्रों के अंत में इसे सड़कों के माध्यम से जोड़ने का निर्णय लिया है। प्रोजेक्ट के तहत 28 राज्यों में निर्माण कार्य शुरू होगा और इससे लाखों लोगों को रोजगार मिलेगा। प्रोजेक्ट के तहत 28 राज्यों में निर्माण कार्य शुरू होगा और इससे लाखों लोगों को रोजगार मिलेगा। प्रोजेक्ट के तहत 28 राज्यों में निर्माण कार्य शुरू होगा और इससे लाखों लोगों को रोजगार मिलेगा।

**28 शहरों में बनेंगे रिंग रोड**  
28 शहरों में बनेंगे रिंग रोड  
28 शहरों में बनेंगे रिंग रोड  
28 शहरों में बनेंगे रिंग रोड

## 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