BHARATMALA PARIYOGANA
October 2017
A STEPPING STONE TOWARDS ‘NEW INDIA’
1. Why Bharatmala?

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4. Identification of corridors in a scientific manner

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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.”

* 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-1

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
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

- 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
### Components of Bharatmala Pariyojana

Bharatmala Pariyojana Components to deliver substantial Improvements in Highway Network.

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<th>From</th>
<th>To</th>
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<tr>
<td>Six Corridors (GQ, NS-EQ)</td>
<td>Fifty Corridors</td>
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<td>40% freight on National Highways</td>
<td>70-80% freight on National Highways</td>
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<tr>
<td>~300 districts connected by 4+ Lane Highways</td>
<td>~550 districts connected by 4+ Lane Highways</td>
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PHASE-I OF BHARATMALA PARIYOJANA APPROVED IN CCEA MEETING CHAIED 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: 8,400 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: 2,000 km
   - With Outlay of Rs. 20,000 cr

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

7. **Border & International connectivity roads**
   - Length: 2,000 km
   - With Outlay of Rs. 25,000 cr

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.
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**

- **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**
Impact of Bharatmala Pariyojana

Development of Multimodal Logistics Parks

North Punjab
Jalandhar, Amritsar, Gurdaspur

South Punjab
Ludhiana, Sangrur, Patiala

North Gujarat
Ahmedabad, Vadodara

South Gujarat
Surat, Bharuch

Mumbai
Mumbai, Mumbai Suburbs, Jnpt, Mumbai Port, Thane, Raigad dist.

Delhi – NCR
Delhi, Faridabad, Gurgaon, Ghaziabad

Jaipur
Kota

Patna
Kolkata

Bangalore
Chennai

Vijayawada
Visakhapatnam

Jagatsinghpur
Valsad

Pune
Nagpur

Mumbai
Ambala

Jammu

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

* All the maps are Indicative
Consolidated movement is expected to improve efficiency of freight movement on existing corridors and reduce logistics cost by 25%
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

* All the maps are Indicative
In the News

India’s biggest infra project BharatMala to create 1 cr jobs

Centre’s Bharatmala Project Picks STRR over PRR for City

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

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

Bharatmala project to bring down logistics cost to 6%: Gadkari