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## How is the Outlook for India at 100 years of Independence

### Vision India @ 100

India's GDP will be US \$26
Trillion in market exchange rate terms by FY'2048

India's per capita income would exceed US \$15,000 by FY'2048

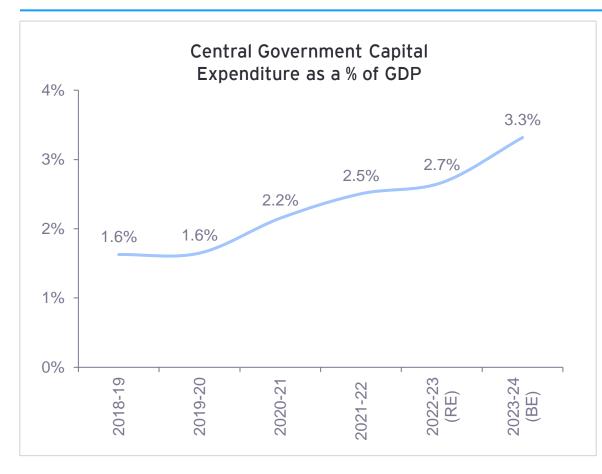
In the Medium Term, India would remain the Fastest Growing Large Economy



Source: EY POV



## Thrust on Infrastructure: Growth Drivers......1/2



► Enhanced public spending especially for Railways and Roads will encourage higher private investments

#### National Infrastructure Pipeline (NIP)

 Focuses on seamless connectivity, prioritization of resources and timely creation of capacities

► Total investment opportunity of INR 111.4t (US\$1.4t) for 2019-20 to 2024-25

#### Gati Shakti

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- Introduced for a period of 25 years as a supplement to NIP
- ► Aims to build a digital platform for integrated planning and coordination of 16 ministries
- Incorporates projects like Bharatmala, Sagarmala and UDAN

#### Incentives to attract private capital

- ► Tax incentives for sovereign wealth funds and pension funds
- Funding of developed infrastructure projects by InviTs through yield-based investment opportunities
- This was accompanied by the National Monetization Pipeline (NMP), a plan to monetize idle public assets for unlocking capital for deployment into new infrastructure projects

**Benefits:** 

5x-6x more employment

Enhanced Competitiveness Higher growth for MSMEs

Source: Union Budget, MOSPI



### Drivers for growth in the infrastructure sector

- Urbanisation and Industrialisation
- Connecting the Rural and semi-urban corners
- Increase speed and ease of movement: 25-30 KMPH (50-60% Lower than in USA)
- Lower the cost of movement (Per Ton Per KM cost is twice that in USA); India's Logistics cost is 14-18% of GDP compared to global bests at 8% by 2030
- Decarbonisation in movement
- Boost the country's economy

### Significant boost in all sub-sectors





- 36.2% CAGR
- 10K+ KM in FY22
- **BOT & HAM**
- 27% in NMP
- Privatize assets
- 25% in NMP
- Sector progress slow





- 20 cities-860 KM in 2023
- Active PPP
- Active PPP
- **PPP Terminal** capacity to 85%
- Green H2 projects





- 400 M passengers by FY26
- Incentives for Private investments



- \$ 380 M in FY25
- 35 MMLPs under PPP
- Reduce cost from 15 to 9% of GDP by FY24

### How can the growth be accelerated

- Remove bottlenecks and expedite execution of NIP projects (Bharatmala - 4 yrs delay; Sagarmala - delayed, 14-31 % completed projects)
- Adequate Policy coverage by GOI and State Governments to incentivise raw material production/ availability commitment to serve the segment
- Mitigating supply challenges to avoid disruptions
- **Enhance Private participation**



# 

#### >161 MT

Steel Capacity in India (2024)

500 MT

Steel Capacity in India (2047)

#### Steel in Infrastructure- Overview

2nd Largest Consumer of Steel (25%)

in

Infrastructure Segment

#### 11.11 Lac Crores

Budgetary Allocation towards Infrastructure (2024-25)

#### Steel: The material of choice

Strong

Durable

At 20%, Steel remains a fundamental ingredient in Infrastructural materials

Sustainable

**Cost Effective** 

#### Impact of Infra growth on Steel sector

#### Compliance

- ESG
- Clearances
- Legal

# Demand - Supply balance

- Set-up/Operational delay
- Threat of import

# Innovation and Efficiency

- Product/Process/
   Technology
- Substitution

# Eco-system integration

- Supply chain alignment
- Closely-coupled

Steel Sector Challenges to be addressed

Energy usage: India's specific consumption of energy / tonne of steel produced is 1.5 giga calories more than international avaerage

Logistics and infrastructure: NITI Aayog estimates a relative cost disadvantage for Indian steel makers at USD 20-25 per tonne of finished steel

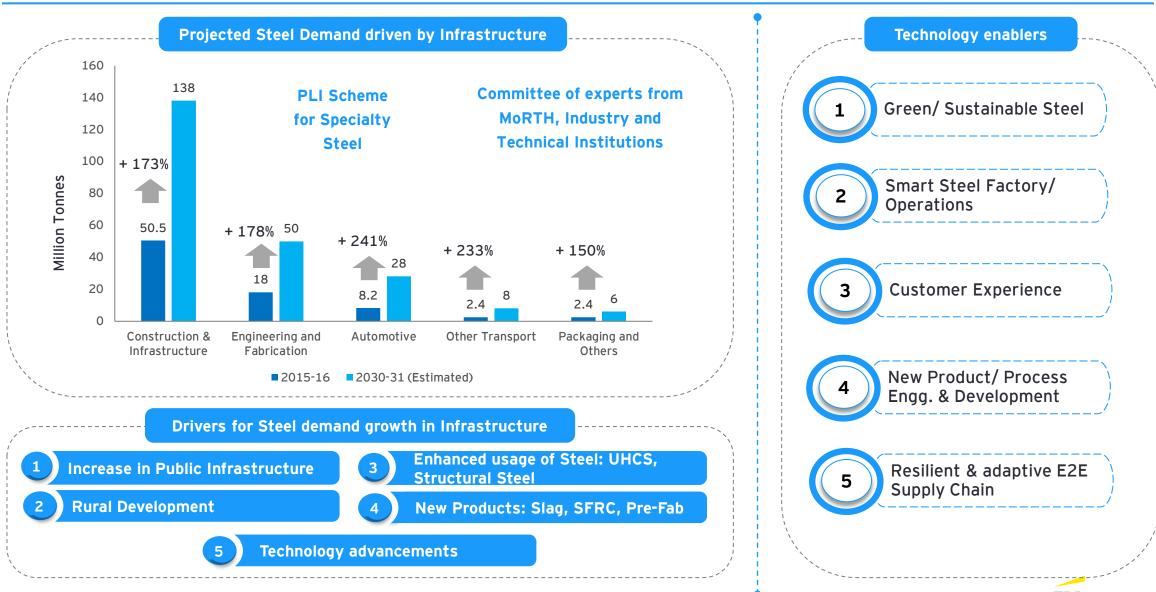
The challenge of shifting to cleaner process routes: The national steel policy envisages the production of 35-40% steel from scrap in the total of 300 million tons by 2025

Raw material challenges: Currently ~85% of the coking coal requirements are imported

Deferment of expansion: Top 5 Indian steel majors are delaying their expansion plan to add 40 million tonnes of steel producing capacity by 2026 as a direct Impact of COVID 19

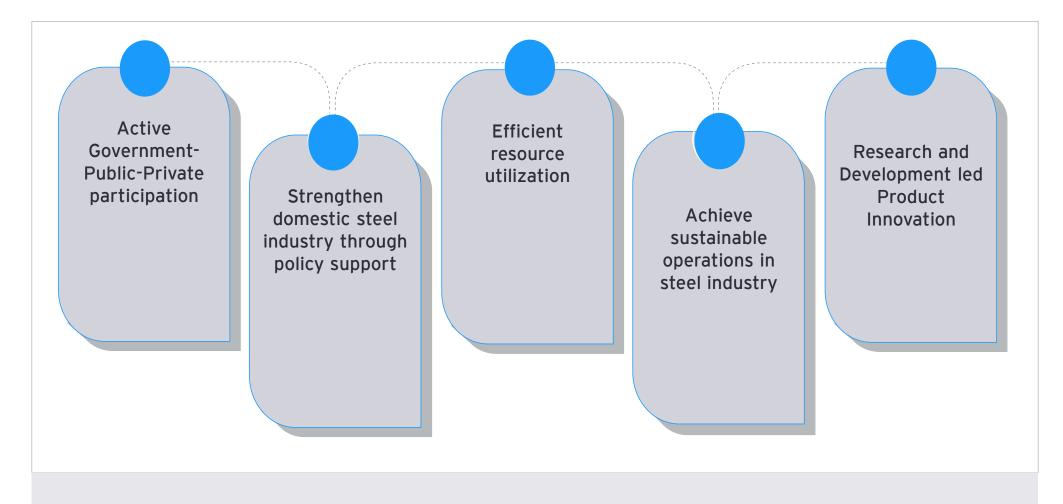


## Steel: A Fundamental Ingredient in building India's Infrastructure......2/2



**EY** Parthenon

## Summary: Enablers for Steel industry to be a growth agent for the Infrastructure segment



Embracing <u>Digitalization</u> across the whole eco-system to facilitate and enable the envisaged growth

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