

Upcoming EPC, Retrofitting, Modernization & Expansion Projects Monitor - 2023

Navigating India's Transformative Infrastructure Landscape

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Fueling Growth and Attracting Investments: Unveiling India's Development Schemes for National and International Investors

The Government of India has implemented a range of development schemes that aim to provide a significant boost to India's growth trajectory by attracting both **national and international investors**. These schemes operate through **central, state-specific, or joint mechanisms**, and offer investment opportunities through **public-private partnerships, procurement contracts, and other developmental avenues**. Additionally, policy reforms, such as **allowing 100% Foreign Direct Investment (FDI)** through the automatic route in various sectors, have been introduced to facilitate access to the vast investment potential in India. These transformative development schemes, their benefits, and the wide array of opportunities they present for investors is briefed below:

- **AMRUT** : AMRUT aims to enhance the quality of life for citizens by providing services such as water supply and sewerage. This scheme offers an opportunity of **USD 7.51 Bn** as on date*.
- **BHARATMALA** : Pan-nation scheme to improve the road network by optimizing efficiency of freight and passenger movement across the country. This scheme offers an opportunity of **USD 4.00 Bn** as on date*.
- **NATIONAL MISSION FOR CLEAN GANGA (NAMAMI GANGE)** : Central government scheme to decrease pollution, conserve and rejuvenate the Ganga river. This scheme offers an opportunity of **USD 188.61 Mn** as on date*.
- **NATIONAL SOLAR MISSION** : National mission to sustainably address India's energy security challenge by promoting solar power in India. This scheme offers an opportunity of **USD 2.29 Bn** as on date*.

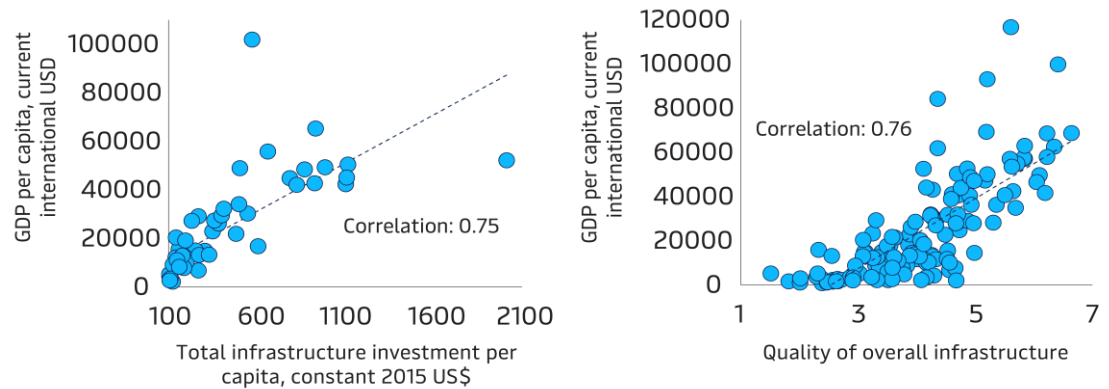
***Opportunity in Offer" mentioned above is opportunity available as on 30th May 2023*

Unveiling the Potential of Upcoming Projects for Maximizing Competitive Advantage

As India commemorates 75 years of Independence, the nation is rapidly emerging as a significant global economic powerhouse. Boasting the position of the world's fifth largest economy, India's future prospects for continued progress are highly promising. The criticality of infrastructure in driving economic growth cannot be overstated in this context. Making investments in top-notch infrastructure is paramount for expediting economic development and ensuring its sustainability in the long term. Extensive empirical evidence supports the notion that such investments have a profoundly positive impact on the productivity and efficiency of Indian manufacturing firms. Moreover, infrastructure plays a pivotal role in poverty reduction, while also fostering growth in rural and agricultural sectors. Notably, empirical evidence consistently highlights the constructive influence of infrastructure on overall economic growth across India.

Exhibit 1:

The level of economic development and the quantity and quality of infrastructure in different countries exhibit a robust correlation.



Source: World Bank, Global Infrastructure Hub, World Economic Forum Global Competitiveness Index, India Economic Survey 2023

The aforementioned correlation between infrastructure and development leads us to the current scenario, where amidst the challenges posed by the pandemic and geopolitical crises, the government has maintained a steadfast focus on reforming physical, digital, and regulatory infrastructure. With the aim of fostering increased private sector participation in infrastructure creation and development, the government has implemented initiatives such as **Public-Private Partnership (PPP)**, **National Infrastructure Pipeline (NIP)**, and **National Monetisation Pipeline (NMP)**. Furthermore, structural reforms have been introduced to enhance efficiency and cost competitiveness, including the launch of **Gati Shakti** and **National Logistics Policy (NLP)**. This comprehensive suite of reforms covering all aspects related to infrastructure investment and project execution not only drives economic growth and efficiency but also instills confidence among diverse stakeholders in the government's functioning.

- **PRADHAN MANTRI KRISHI SINCHAI YOJANA** : National mission to improve farm productivity and ensure better utilization of the resources in the country. This scheme offers an opportunity of **USD 1.28 Bn** as on date*.
- **RAILWAYS STATION REDEVELOPMENT PROGRAM** : National program to redevelop 400 railway stations through PPP mode. This scheme offers an opportunity of **USD 797.66 Mn** as on date*.
- **SAGARMALA** : Harnessing the potential of India's 7,500 km long coastline through port-led development. This scheme offers an opportunity of **USD 12.32 Bn** as on date*.
- **SMART CITY MISSION** : Enhancing quality of life by enabling local development and creating smart solutions. This scheme offers an opportunity of **USD 25.70 Bn** as on date*.
- **SWACHH BHARAT MISSION** : Cleanliness campaign of the Government of India to achieve the vision of a 'Clean India'. This scheme offers an opportunity of **USD 34.00 Mn** as on date*.

**"Opportunity in Offer" mentioned above is opportunity available as on 30th May 2023*

The Upcoming EPC, Retrofitting, Modernization & Expansion Projects Monitor - 2023 empowers businesses, investors, and industry professionals with crucial information and analysis needed to navigate India's transformative infrastructure landscape. The report not only presents a comprehensive project portfolio but also offers a nuanced analysis of market trends, regulatory dynamics, competitive landscape, investment outlook, and impact assessment. These insights enable stakeholders to identify the most promising sectors, potential partners, and investment avenues, while also addressing sustainability and social impact considerations.

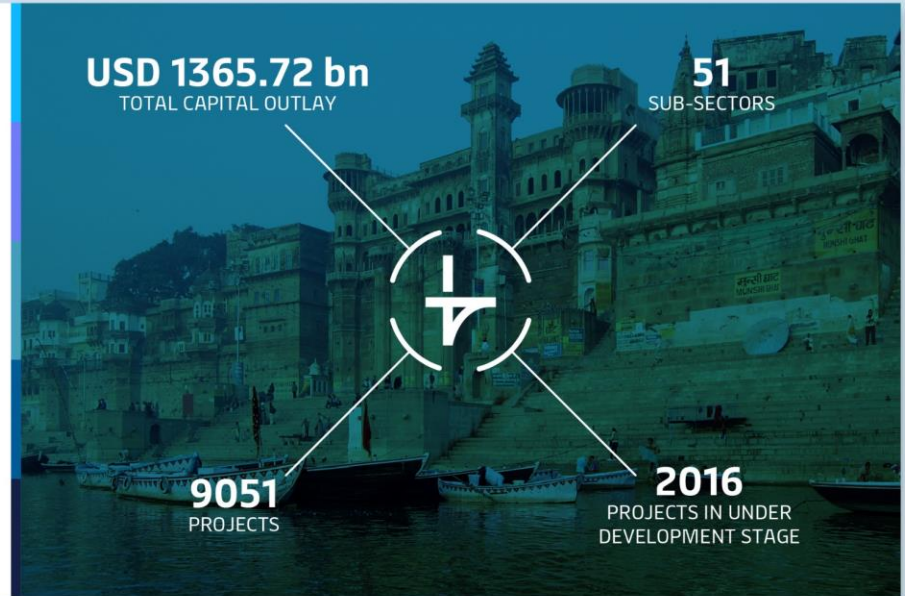
By leveraging the information in this report, businesses and stakeholders can gain a competitive edge by strategically positioning themselves in India's infrastructure market. The report highlights the following key insights:

- **Comprehensive Project Portfolio:** The report offers an extensive compilation of upcoming projects, providing a holistic view of India's infrastructure market. Each project profile includes essential details such as scale, scope, timelines, and investment opportunities. This comprehensive project portfolio acts as a valuable resource for businesses seeking to identify potential project involvement and partnership opportunities.
- **Market Analysis:** The report provides an in-depth analysis of the current market trends and dynamics shaping India's infrastructure sector. It examines the factors driving growth and identifies emerging opportunities and challenges. Additionally, the report delves into the regulatory landscape, exploring government policies, regulations, and initiatives that impact the industry. This analysis equips stakeholders with a clear understanding of the market dynamics and regulatory environment.
- **Competitive Intelligence:** Understanding the competitive landscape is crucial for success in the infrastructure sector. The report offers an assessment of key players, both domestic and international, involved in upcoming projects. It analyzes their market positioning, project track record, strengths, and weaknesses. This competitive intelligence enables businesses to identify potential partners, collaborators, or competitors and make informed decisions for maximizing their competitive advantage.
- **Investment Outlook:** Investment prospects in India's infrastructure market are evaluated in detail, with a focus on the most lucrative sectors and regions. The report provides insights into funding mechanisms, public-private partnerships, and government initiatives driving infrastructure development. Moreover, it assesses the financial viability, risk factors, and return on investment potential for various projects. This analysis assists investors and businesses in identifying attractive investment opportunities and formulating their investment strategies.

To achieve the target of a **\$5 trillion economy by 2025**, it is imperative to implement additional supply-side reforms for accelerated growth. A key factor in enhancing India's competitiveness and reaching this goal is the creation of new infrastructure and the upgrade of existing infrastructure. This becomes particularly crucial for the success of the Make in India program, as the competitiveness of the manufacturing sector heavily relies on robust infrastructure.

Infrastructure development not only contributes to short-term growth but also has the potential to boost the long-term GDP growth rate. Additionally, infrastructure projects have the advantage of being labor-intensive, thereby generating employment opportunities and income within the economy, consequently stimulating domestic demand.

Furthermore, improved infrastructure capacities lead to efficiency gains through enhanced logistics and networks, thereby increasing the overall competitiveness of the economy. This positive cycle of higher investments, growth, and job creation can set in motion a virtuous cycle for the economy.



INFRASTRUCTURE VISION 2025: MEETING ASPIRATIONS, PROPELLING GROWTH AND IMPROVING EASE OF LIVING

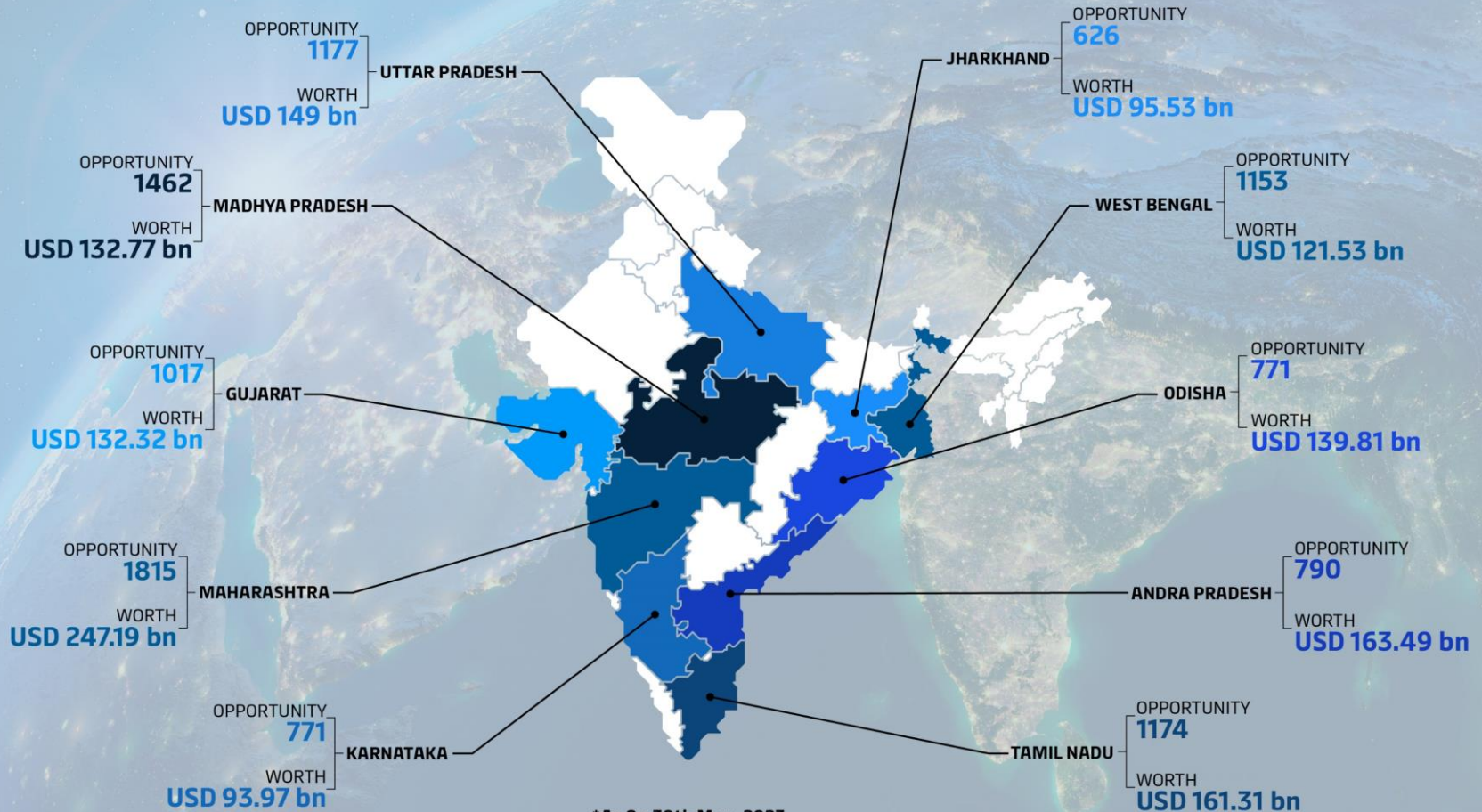
<p>Affordable & Clean Energy</p>	<p>Convenient & Efficient Transportation and Logistics</p>	<p>Housing and Water Supply for all</p>	<p>Digital Services Access for all</p>
<p>Quality Education</p>	<p>Doubling Farmer's Income</p>	<p>Good Health & Well-being</p>	<p>Sustainable and Smart Cities</p>

KEY INVESTMENT OPPORTUNITIES ACROSS VARIOUS SECTORS AND STATES IN INDIA*

USD 2193.72 BN | WORTH

18300 | OPPORTUNITIES

ROADS & HIGHWAYS | TOP SECTOR



*As On 30th May, 2023

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Navigating Infrastructure Reforms: Key Signposts for Growth and Confidence



Key Signposts

1. Unveiling India's Infrastructure Development: Government's Vision and Strategic Approaches

Boosting infrastructure investment becomes a crucial catalyst for unlocking the economy's growth potential. In recent years, the government has intensified its efforts to drive infrastructure development and investment by augmenting capital expenditure. This impetus comes at a time when private sector capital expenditure has remained subdued. The allocated target for capital expenditure in 2022-23 (BE) witnessed a **substantial increase of 35.4 percent**, rising from **₹5.5 lakh crore** in the previous year (2021-22) to **₹7.5 lakh crore**. Notably, approximately 67 percent of this allocation has already been utilized from **April to December 2022**. The steady increase in public capital expenditure has helped support economic growth while laying the foundation for future growth as capital assets boost economic efficiency and potential growth.

2. Fueling Growth and Development: India's "National Infrastructure Pipeline" Unleashes Massive Investment Potential

In a dynamic economy like ours, it is imperative to consistently increase infrastructure investment to uphold a high growth rate, which serves as a fundamental requirement for accomplishing diverse social objectives. Recognizing this need, the government initiated the **National Infrastructure Pipeline (NIP)** with a future-oriented outlook. The NIP outlines an estimated infrastructure investment of approximately **₹111 lakh crore during FY20-25**, aiming to deliver top-notch infrastructure throughout the nation. Additionally, the NIP emphasizes enhancing project preparation capabilities and attracting both domestic and foreign investments in infrastructure development.

3. Unlocking Capital Potential: India's "National Monetisation Pipeline" Harnesses Private Investment for Infrastructure Development

Amidst fiscal pressures caused by the COVID 19 pandemic, the imperative to increase infrastructure investment necessitated the unlocking of capital from diverse projects spanning multiple sectors. To address this, the government introduced the **National Monetisation Pipeline (NMP)** on 23 August 2021. Built on the principle of **'asset creation through monetization'**, the NMP leverages private sector investment for the development of new infrastructure. Over a four-year period, from **FY20-25**, the NMP envisions an estimated aggregate monetisation potential of **₹6.0 lakh crore** from the core assets of the Central Government.

4. "PM GatiShakti": Uniting Infrastructure Projects for Enhanced Efficiency and Accelerated Economic Growth

The **PM GatiShakti National Master Plan** introduces a unified platform encompassing all infrastructure projects across various ministries and departments. This comprehensive database facilitates efficient real-time planning and implementation. The Master Plan aligns the projects related to the seven engines of growth: **roads, railways, airports, ports, mass transport, waterways, and logistics infrastructure**, with the PM GatiShakti framework. Emphasizing high-quality modern infrastructure and seamless logistics coordination among different modes of transportation for both people and goods, the Master Plan serves as a cornerstone. Its implementation is expected to enhance productivity, propel economic growth, and foster overall development.

Contents & Coverage – Key Highlights

- Comprehensive Project profiling of Energy, Infrastructure and Industrial Sector in India till 2030
- Project Details and key contacts track of all the projects
- Region-wise Comprehensive Market sizing of all the projects of the sectors
- Business Opportunity for key value chain players in India till 2030
- Current status of the projects are included

Database Difference Margin

- State-wise opportunity track in Modernization and Retrofitting for different project categories in Power, Oil & Gas, Metals and Mining, Infrastructure and key industrial sector till 2030
- Upcoming opportunity track for the value chain players in expansion projects for different sectors till 2030
- Identifying key states in India that are bullish and hold immediate, mid term and long-term business proposition for EPC players in Modernization and Overhaul projects
- Identifying key states in India that are bullish and hold immediate, mid term and long-term business proposition for EPC players in Retrofitting and Expansion projects
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- Identification of major market leaders in both organized and unorganized segments

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- Cement, Bitumen Suppliers
- Other Raw Material Suppliers
- FII's/Banks
- Industrial Park/SEZs/Steel Plants
- Power Project Funding Bodies
- Foreign Collaborating Agencies
- Government & Regulatory Bodies
- Research Institutions/Bodies
- Funding Bodies/Banks
- Consulting Agencies
- Government Agencies
- Investment Institutions

Companies Mentioned

- IRB Infrastructure Developers
- Ashoka Buildcon Limited
- Hindustan Construction Company (HCC)
- Nagarjuna Construction Company Limited (NCC)
- Larsen & Toubro (L&T)
- BHEL
- GMR
- Adani
- Reliance Infrastructure
- Tata Projects Limited
- Punj Lloyd
- Dilip Buildcon Limited
- KEC International Limited
- Afcons Infrastructure Limited
- Simplex Infrastructures Limited
- ITD Cementation India Limited
- IVRCL Limited
- Gayatri Projects Limited
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