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West Bengal
Emerging Growth Engine of India

Infrastructure Prowess

Key Policies/Initiatives

Focus Sectors
West Bengal - Emerging growth engine of India

State Capital: Kolkata
(One of the 4 major metropolitan cities of the country)

Spoken languages: Bengali, Hindi, English and Nepali

Literacy rate: 77.1%

**Economic Powerhouse**
- 4th largest state economy in India, with a population of 91.3 million
- GSDP at current prices: ~US$ 140.21 billion (2015-16)
- Growth rate of Gross Value Added (GVA): 12.02% (2015-16)

**Rich Culture**
- Birthplace of modern Indian literary and artistic thought
- Kolkata is referred as the “Culture/literary capital of India”
- Pioneer of cosmopolitan culture in the country
- Land of Saint Mother Teresa, Rabindranath Tagore, Satyajit Ray and many more

**Robust Physical, Industrial, Infrastructure**
- Connectivity: 2 Int’l airports; 2 major ports and 3 upcoming ports
- 100% villages electrified
- 3rd largest road network
- Plug-n-play Industrial Infrastructure: Numerous growth centers and industrial parks both industry specific and multiproduct
- Upcoming 6 Theme townships
- Upcoming Amritsar Kolkata Industrial Corridor (AKIC), covering about ~2,000 KM

**Strategic Location**
- Gateway to Southeast Asia and North-East India
- Shares international frontiers with Bangladesh, Nepal and Bhutan
- Well connected with the booming hubs of Asia such as Singapore, Thailand and Malaysia
- Hinterland comprises mineral-rich states such as Jharkhand, Orissa, Chhattisgarh
Excellent Connectivity – Domestic & International

- Vast road network of 3,15,404 KM
- ~4,000 KM of railway tracks
- 950 KM of Water front
- 2 International Airports – Kolkata and Bagdogra
- Leading in the country in terms of spread, density and reach of National Inland Waterways
- Population base covered corresponds to more than 1/4th (~ 27.5 %) of India’s total population
- Caters to nearby states – Bihar, Jharkhand, Odisha, Chhattisgarh, and North-East India (including Assam)
- Considerable chunk of population base (0.2 Billion) resides in neighboring countries viz. Nepal, Bhutan, Myanmar & Bangladesh
- Beyond these, whole of South-East Asia is easily accessible

Source: Census of India 2011, Worldometers
Maritime: Connectivity and Potential

- **Waterfront: 950 KM**
- Two major ports at Kolkata and Haldia
- Richly endowed with natural maritime advantages and potentially navigable waterways including NW-1, NW-15 and others
- One of the 13 maritime states & Union Territories in India
- Upcoming major deep sea port: Bhor Sagar Port, by 2019, process already started. A deep sea port also proposed at Tajpur. Another port coming up near Kulpi

KoPT adjudged 'Major Port of the Year' for 2014-15
Handled 16% of total no. of vessels during 2014-2015

- Port of Kolkata has strong opportunity to serve more than 1.92 Billion people as identified by the trade route
- More than 6,000,000 shipments were exported and around 5,000,000 shipments were imported via Kolkata Port in 2015 resulting in a massive trade transaction values

Source: Kolkata Maritime Stats
Leading growth engine of the country

| 1 | Largest in India in Power distribution, quality and availability |
|   | Source: Gartner |
| 1 | Country’s highest bank credit flow to MSMEs of ~US$ 15 billion in the last 5 years |
|   | Source: State Budget |
| 1 | Highest producer of vegetables in the country |
|   | Source: Department of Food Processing, WB |
| 1 | Kolkata is the first metro city in the country with Wi-Fi connectivity on 4G |
|   | Source: Trak.in |

| 2 | Second largest in terms of number of MSMEs (~3.7 million enterprises) |
|   | Source: Ministry of MSME |
| 2 | Second in Tea production after Assam. State is the land of famous Darjeeling Tea |
|   | Source: Tea Board of India |
| 3 | Third largest in India in mineral production accounting for about 1/5th of total mineral production |
|   | Source: IBEF |
| 3 | Third largest in terms of road coverage across the country |
|   | Source: MoRTH |
Rapidly improving governance – Unparalleled financial management in last 5 years

**2x**

**Tax Revenues**
State tax revenue more than doubled from 2010-11 to ~US$ 6.4 billion in 2015-16

**2x**

**GSDP**
GSDP, at current prices, doubled from ~US$ 69 billion in 2010-11 to ~US$ 140.21 billion in 2015-16

**4x**

**Expenditure on Physical Infra.**
Expenditure on Physical Infrastructure increased 4 times over 2010-11 to ~US$ 1.09 billion in 2015-16

**5x**

**Credit Linkages to SHGs**
Credit linkage to Self Help Groups (SHGs) has gone up more than 5 times from 2010-11 to ~US$ 310 million in 2015-16

**4.5x**

**Expenditure on Social Sector**
State Plan Expenditure in Social Sector increased over 4.5 times from 2010-11 to ~US$ 4.6 billion in 2015-16

**7x**

**Expenditure on Agri Sector**
Expenditure in Agriculture and Agri-Allied Sector registered a 7 fold increase over 2010-11 to ~US$ 3.5 billion in 2015-16

Source: State Budget Speech 2016
Leading industrial growth through MSME development

West Bengal has the **potential to become the leading state** in near future, in terms of MSME productivity within India.

- **2nd**
  - Second largest in the country in terms of the number of MSME enterprises (a total of ~3.7 million enterprises)
- **2nd**
  - Second largest in the country in terms of number of people employed in MSMEs (~8.6 million people employed)
- **~8%**
  - Growth rate of MSMEs in 2014-15
- **~19%**
  - MSMEs' share of state’s Gross Value Added (GVA) in 2014-15 (at constant price)

**Recent Steps**

- **MSME Venture Capital Fund**
  - Launched by the state government with a sum of ~US$ 30 million (INR 200 Crore) to enable rapid growth of MSMEs in the state.
- **Launched ‘myEnterprisewb’ portal** to provide easy access to all information required for setting up an MSME unit
- **MSME Facilitation Centers (MFCs)** set up in every district to provide Single Window services

- Market value of fixed assets amounting to ~US$ 5.9 billion
- In last 5 years, MSME growth figures as one of the top achievements of the incumbent Government
  - 331 new MSME Clusters set up
  - MSME Sector witnessed highest bank credit flow of ~US$ 15 billion

Source: MSME Annual Report Government of India Ministry of Micro, Small and Medium Enterprises, 2015-16; MSME & Textiles Dept., Govt. of West Bengal
Infrastructural prowess of West Bengal (1/2)

**Roads**
- Excellent road connectivity – 3rd largest network of country of 3,154,044 KM and growing
- Road density higher than national average

**Power**
- Ranks No 1 in Power Availability in the Country
- Highly efficient 100% spot billing facility to low voltage domestic and commercial customers

**Maritime**
- Oldest maritime infrastructure with 2 major Ports at Kolkata and Haldia
- Upcoming major deep sea port at Sagar Island and proposed deep sea port at Tajpur and another port near Kulpi

**Telecom**
- Reliable Telecom Infrastructure & Bandwidth
- Kolkata - 1st metro with Wi-Fi connectivity on 4G
- 15,000 KM optical fibre network and rising
Infrastructural prowess of West Bengal (2/2)

**Airports**
- 2 International airports: Kolkata and Bagdogra (connecting Paro and Bangkok)
- 1 domestic airport at Durgapur
- Cooch Behar (Regional)
- Proposed revival of Balurghat Airport

**Rail**
- Vast network of over ~4,000 KM of railway tracks and growing
- 2nd largest Metro Network in the country after New Delhi
  - ~US$ 3.1 billion (INR 20,000 CR) worth investment secured from Central govt. for extension of 132 KM proposed line

**Upcoming Industrial Corridor - AKIC**
- Amritsar Kolkata Industrial Corridor (AKIC) spanning 20 cities in 7 states to be aligned to Eastern Dedicated Freight Corridor (EDFC), to be completed by 2019
- AKIC along with vast network of roads and inland waterways would transform the State into a logistic hub

From trams (India's first and still operational) to metro (India's first) to yachts, Kolkata transport is acknowledged in many surveys as the most **DIVERSE TRANSPORT SERVICE PROVIDER** in the country.
Plug and play infrastructure available for investments

Industrial Infrastructure
- Numerous growth centers and industrial parks both industry specific and Multiproduct
- Exclusive centers exist for electronics, export processing and software technology.

Some of the Upcoming Industrial parks
1. Goaltore (Multi-product)
2. Haldia (Multi-product)
3. Haringhata (Multi-product)
4. Raghunathpur (Integrated Manufacturing)

Major Industrial Areas
- Haldia
- Kolkata
- Howrah
- Siliguri
- Asansol-Durgapur
- Kharagpur

Scheme for Approved Industrial Parks (SAIP)
- Scheme encourages and incentivizes private sector to set up industrial parks with govt. support
- 5 SME parks being developed covering ~550 Acres of land

Project TexPro
- Involves setting up 13 Textiles Parks in state covering 500 Acres, with active government support
- Set up under 4 major categories: Apparel & Garments; Dyeing, Printing and Processing; Power loom and Technical Textiles
World Class IT Infrastructure in West Bengal

**Built up Infrastructure**
- Over 5 million Sq. Ft. of ready to move space in IT Parks

**IT Zones in Kolkata**
- Over 6 existing IT Parks in and around Kolkata

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**e-Governance IT Portal Facilities**
- Entire VAT spectrum
- E-Tendering
- Shops & establishment registrations
- Factory license application
- Land pricing & allotment
- Incentive disbursement
- Statutory support systems
- Single application gateways
- Trade license application
- Digital interface platform
- Simultaneous mutation registration
- Instant workflow tracking
- Dematerialized downloadable registration certificates

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**NASSCOM Start-up Warehouse:** For budding entrepreneurs

**Emerging satellite IT Hub**
- 4 Green Cities to be developed: New Town, Salt lake, Haldia, Durgapur

**Analytics City at Kalyani**

**Fully Wi-Fi Metro & Railway Station and other city Locations**

**2 Electronic Manufacturing Clusters (EMCs) upcoming**

**Go1t. hosted Microsoft’s Center of Excellence to start soon**

**10 existing IT Parks and 2 Hardware Parks upcoming**
Government proposes to develop six new Township Projects on Government land. The townships have been selected by the Government based on its strategic importance, feasibility factors and availability of land.

**Upcoming 6 New Theme Townships in West Bengal**

**Health and Education City**
Earmarked for its solitude and location. Also has the potential for becoming new Health Hub of the North East

**Sports City**
Sporting activities thrive here making it the sports hub of West Bengal

**Dabgram (Teesta)**

**Baruipur (Uttam City)**

**Dumurjala (Sports City)**

**Asansol (Agnibina)**

**Bolpur (Gitabitan)**

**Kalyani (Samriddhi)**

**Geriatric and Wellness Township**
Baruipur is far from the maddening crowd and in the midst of expanding greens. Ideal location for convalescence

**Culture Hub**
Culture Hub of West Bengal with Shantiniketan and a heritage steeped in literature and music

**Analytics City**
Huge investment potential for setting up industries
Excellent Social Infrastructure

**Human Capital**
- Large pool of skilled, educated & technical manpower
- **World-class Research Institutes** and 207 Engineering & Management Colleges
- Home to **India's premium educational institutions** namely, IIT-Kharagpur, IIM-Calcutta, ISI-Kolkata, Calcutta Univ., Presidency Univ., St. Xavier’s Univ., WB National Univ. of Juridical Sciences, Visva Bharati Univ., etc.
- Private Universities e.g. Amity Univ., Neotia Univ., UEM, Adamas Univ.
- In Jan’16, state launched “**Khadya Sathi Scheme**” to provide subsidized food grains, covering almost 90% of the state’s population
- **Kanyashree Prakalpa scheme** seeks to improve status and well-being of girls, specifically those from socio-economically disadvantaged families through Conditional Cash Transfers

**Health and Education Initiatives**
- As per budget 2015-16, state allocated:
  - US$ 1,336 million for school education
  - US$ 65 million for higher education
  - ~US$ 107.3 million for technical education & training
  - US$ 429 million to Health & Family Welfare
- 41 super/multi-specialty hospitals and 9 new Medical Colleges are being set up
- In last 5 years, no. of medical seats in MBBS/BDS increased from 1805 to 3150
- **In only 4 years, 15 new universities and 46 colleges set up**
- In last 5 years, 2510 new Primary Schools and 3542 new Junior High Schools opened; 1852 Secondary Schools enhanced to Higher Secondary stage
- In last 5 years, **127 new ITIs and 81 new Polytechnic Colleges** established

**Renowned institutes of West Bengal**

![Institute Logos](image-url)
Resource abundance across various streams

Natural Resources

- Coal Bed Methane (CBM)
- Apatite
- Wolframite
- Kyanite
- Decorative stones
- Coal
- Base Metal
- Sand

Mineral Production (Tons), 2013-2015

- There is an increase in trend in the overall mineral production over the two years
- Sulphur and Silica sand had a spur in production due to unveiling of new deposits

Highlights

- As of Apr’15, state’s total coal reserves were estimated at ~31 billion tons, major coal fields being at Raniganj, Barjora etc. while coal production in state reached ~5 million tons during 2015-16 (Apr-Jun’ 15)
- Rock phosphates deposits are found in Beldhi, Chirugora and Kutni regions of Purulia district
- Deposits of granite and kaolinite are found in Purulia, Bankura and Birbhum districts
- Deposits of basalt-trap rocks, used to prepare road metals, are available in Birbhum district
### Export potential of the state

**9th largest exporting State of the country in 2015**

**Exports of around US$ 7.7 billion in 2015**

**With great geographical advantages, upcoming industrial corridors, transforming policies, state can leverage itself as an Export Hub for India in the Eastern Region.**

<table>
<thead>
<tr>
<th>Leading Export items from West Bengal in 2015 (US$ million)</th>
<th>% of West Bengal’s share in India’s Exports</th>
</tr>
</thead>
<tbody>
<tr>
<td>FISH &amp; CRUSTACEANS, MOLLUSCS AND OTHER AQUATIC INVERTEBRA</td>
<td>400 5%</td>
</tr>
<tr>
<td>CEREALES</td>
<td>425 5%</td>
</tr>
<tr>
<td>ARTICLES OF IRON &amp; STEEL</td>
<td>621 8%</td>
</tr>
<tr>
<td>IRON AND STEEL</td>
<td>746 10%</td>
</tr>
<tr>
<td>ARTICLES OF LEATHER, SADDLERY HARNESS AND ANIMAL GUTS</td>
<td>841 11%</td>
</tr>
<tr>
<td>PEARLS, PRECIOUS OR SEMI PRECIOUS STONES/ METALS AND ARTICLE</td>
<td>989 13%</td>
</tr>
</tbody>
</table>
Key initiatives/policies implemented on a large scale

- West Bengal Investment & Industrial Policy 2013
- West Bengal State Support for Industries Scheme, 2013
- State Policy on Public Private Partnership (PPP), 2012
- ICT Incentive Scheme, 2012
- Policy on Information & Communication Technology, 2012
- MSME Policy, 2013-2018
- Township Policy
- Textile Policy, 2013-2018
- Policy on Co-generation & Generation of Electricity from Renewable Sources of Energy, 2012
- West Bengal Incentive Scheme, 2015 for Tourism Units
- Design Policy, 2016
- West Bengal Fisheries Investment Policy 2015 in Fisheries Sector
- Start-Up Policy, 2016-2021
## Industrial promotion assistance - Incentives available

### Large scale industries

**Investment Industrial Policy West Bengal, 2013**
- Reimbursement of 80%-90% of VAT paid for a period ranging from 8-15 years
- Reimbursement of CST paid for a period of 3 years
- Waiver of Electricity Duty
- Incentive linked with employment generation
- Stamp Duty Exemption
- Waiver of Land Conversion Fee
- Anchor Unit Subsidy
- Financial assistance towards Patent registration
- Tax Holidays
- Customized packages for mega projects

### MSMEs

**West Bengal MSME Policy, 2013-2018**
- State Capital Investment Subsidy
- Interest Subsidy on Term Loan
- Waiver of Electricity Duty, Power Subsidy
- Subsidy for employment generation
- Subsidy for Quality Improvement
- Subsidy on Patent Registration
- Incentives for women, minorities, SC/ST and Self Help Group (SHG)

### IT Industry

**West Bengal ICT Incentive Scheme, 2012**
- State Capital Investment Subsidy
- Interest Subsidy
- Training Subsidy
- Waiver of Electricity Duty
- Employment Generation Subsidy
- Refund of Stamp Duty & Registration Fees
- Bouquet of additional incentive for startup companies.

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**Special Deduction for investment in Backward Area:** Investment in new plant or machinery in notified backward areas in West Bengal is eligible for deduction of 15% of actual cost of new asset as additional depreciation under Section 32 AD of Income Tax Act 1961.
Initiatives of government for improving ease of doing business

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Business Process Reengineering</strong> - Simplified Tax Regime and e-Governance towards improved service delivery</td>
<td>Simplified registration to get incentives for industries - No of documents required for Registration Certificate (Part-I) reduced to 7 from 20; for Part-II, to 8 from 16</td>
</tr>
<tr>
<td><strong>Mandatory E-registration</strong> - Only state to have made e-registration mandatory along with introduction of dematerialized Registration Certificate.</td>
<td>Single Window Service under Shilpa Sathi for large industries and MSME Facilitation Centers (MFC) in each district for MSMEs</td>
</tr>
<tr>
<td><strong>Single Tax ID</strong> - One of the three States, where single Tax ID (Registration number) is allotted to cover registration under various tax laws such as VAT, CST, and Professional Tax</td>
<td>Online property registration application and payment</td>
</tr>
<tr>
<td><strong>E-Sales Tax Deduction</strong> at Source (TDS) Service</td>
<td>Digitization of land records</td>
</tr>
<tr>
<td><strong>Quick disposal of VAT refund</strong></td>
<td>Simplification of regulatory burden initiated for environmental procedures</td>
</tr>
<tr>
<td><strong>Clear timelines</strong> for connections of basic utilities defined</td>
<td>E-Way bill - Introduction of on-line generation of a single document dematerialized waybill</td>
</tr>
<tr>
<td><strong>E-filing Service center and Helpline number</strong></td>
<td>WBIDC to act as Single Window for all clearances for Private Equity/Venture Capital Players</td>
</tr>
</tbody>
</table>
Paradigm Shift in Labor Policies

- **No Bandh**: State moved to a ‘No Bandh’ (meaning there are no strikes/lockouts) regime to ensure that the companies, businesses, offices and public are not disturbed and to ensure a disciplined work atmosphere in the state.

- **Zero Mandays Lost**: Man-days lost drastically reduced in from 6.5 million in FY 2010-11 to 5,200 in FY 2012-13 to almost nil in 2015-16

- **Plethora of new initiatives**: Additionally the State has taken a slew of initiatives that is heralding new era in labor management

Source: Annual Report Labor in West Bengal 2014-15
Focus sectors - Immense investment opportunities (1/2)

- Food Processing, Horticulture and Floriculture
- Transport Services
- Manufacturing
- Hospitality, Tourism, Entertainment
- IT Software & Hardware
- Healthcare, Education & Skills
- Financial Services
- Energy & Infrastructure
- Urban Infrastructure & Housing
Focus sectors - Immense investment opportunities (2/2)

**MSME**
- Gems & Jewellery
- Leather
- Jute
- Textiles
- Forging
- Casting
- Apparel
- Handicraft

**Emerging Sectors**
- Maritime
- Mining
- Renewable Energy
- City Gas

**Traditional Sectors**
- Chemicals
- Rubber
- Plastic
- Light Engineering
Current major players in West Bengal

<table>
<thead>
<tr>
<th>Cognizant</th>
<th>GENPACT</th>
<th>WIPRO</th>
<th>HCL</th>
<th>TATA CONSULTANCY SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM</td>
<td>IRCTC</td>
<td>pepsi</td>
<td>ITC</td>
<td>Coca-Cola</td>
</tr>
<tr>
<td>Amul</td>
<td>TATA METALIKS</td>
<td>SHYAM STEEL</td>
<td>SAIL</td>
<td>JSW</td>
</tr>
<tr>
<td>EXIDE INDUSTRIES LIMITED</td>
<td>MITSUBISHI CHEMICAL</td>
<td>TATA HITACHI</td>
<td>HP</td>
<td>emami</td>
</tr>
<tr>
<td>AEROTROPUS PROJECTS LIMITED</td>
<td>Indian Petroleum Limited</td>
<td>Tractors India</td>
<td>MATIX GROUP</td>
<td>OCL INDIA LTD.</td>
</tr>
<tr>
<td>RELIANCE Cement</td>
<td>HUNGER Hydraulik</td>
<td>दामोदर घाटी निगम</td>
<td>DAMODAR VALLEY CORPORATION</td>
<td>Unilever</td>
</tr>
</tbody>
</table>
Bengal Global Business Summit (BGBS) 2016 - a major success

<table>
<thead>
<tr>
<th>Participation</th>
<th>Investments</th>
<th>Focus Area</th>
</tr>
</thead>
</table>
| • Delegates of over **26 countries**, including the PM of Bhutan  
  • Japan – the partner country | • Investment proposals received of **US$ 37.4 billion** spread across various sectors | • Manufacturing and infrastructure being the most attractive sector  
  • Power, IT and telecom and transport sectors remained other big draws |

<table>
<thead>
<tr>
<th>Major Announcements</th>
<th>Theme: “Come To Bengal, Ride The Growth”</th>
<th>Major Investment Proposals</th>
</tr>
</thead>
</table>
| • Zhongtong  
  • Dedico Transport Jindal Group  
  • Essel Group  
  • Shriram Group  
  • Mitsubishi Corp.  
  • ITC Ltd  
  • Amity University  
  • Kawasaki Rikuso  
  • Ambuja Neotia Group  
  • Maruti Suzuki  
  • Bosch  
  • Hewitt Packard | ![Conference Image] | • The Chatterjee Group (TCG) proposed an **investment worth ~US$ 3.3 billion** for a refinery project  
  • Telecom majors such as **Reliance Jio and Airtel** too proposed big investments |
COME TO BENGAL
RIDE THE GROWTH

BENGAL SURGES AHEAD.

BENGAL GLOBAL BUSINESS SUMMIT
20, 21 January 2017
Kolkata, West Bengal

Register online at: http://bengalglobalsummit.com/registration.php