





“Through this Bengal Global Business Summit we aspire to create a blueprint that will explore new possibilities of creating a resurgent Bengal.”

**Mamata Banerjee**

Hon'ble Chief Minister  
Government of West Bengal

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**BENGAL - EMERGING GROWTH ENGINE OF INDIA**  
**INFRASTRUCTURE PROWESS**  
**KEY POLICIES/INITIATIVES**  
**FOCUS SECTORS**



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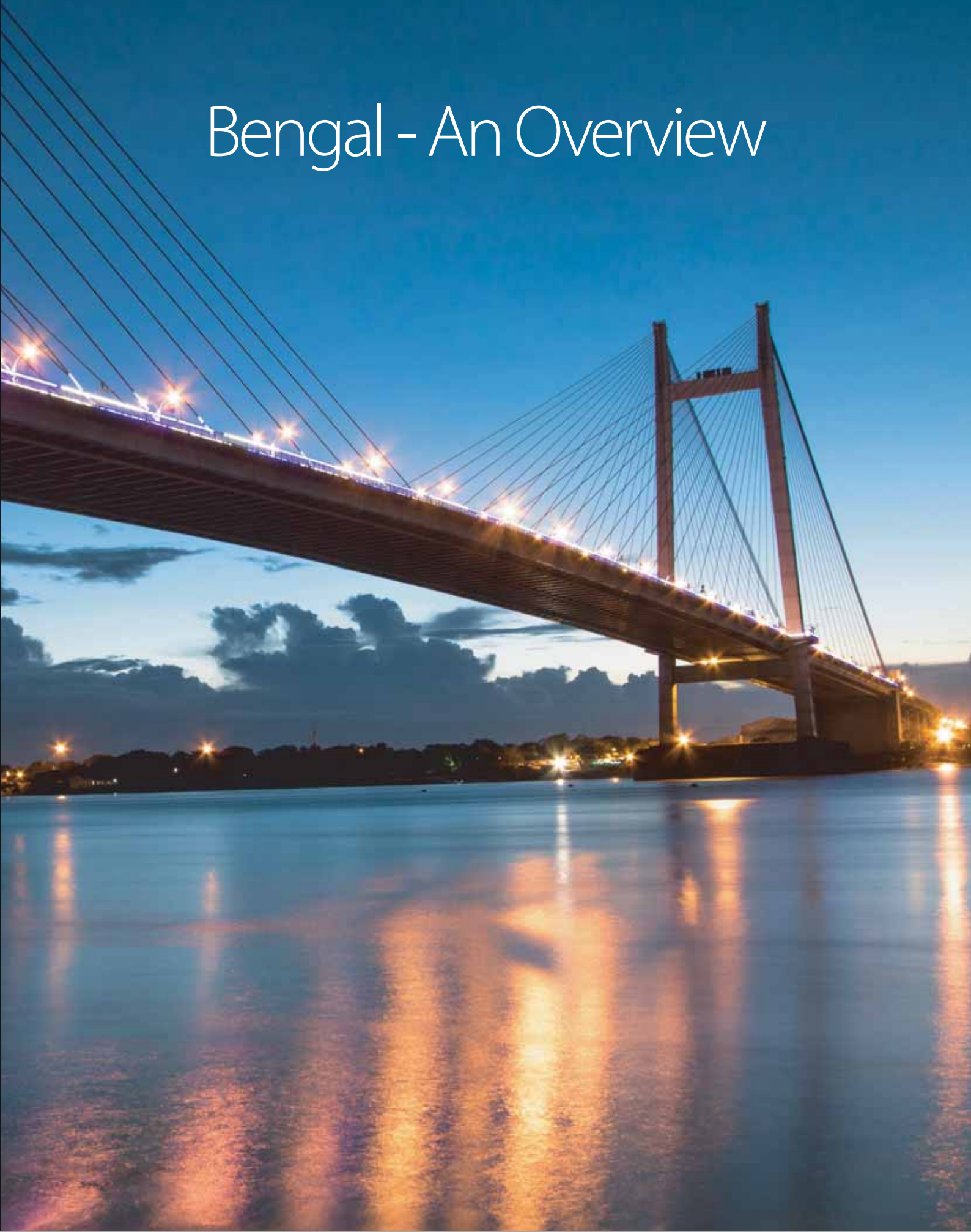
Key Policies, Incentives & Initiatives

Focus Sectors

BGBS at a glance



# Bengal - An Overview



### State capital

Kolkata (One of the 4 major metropolitan cities of the country)

### Spoken languages

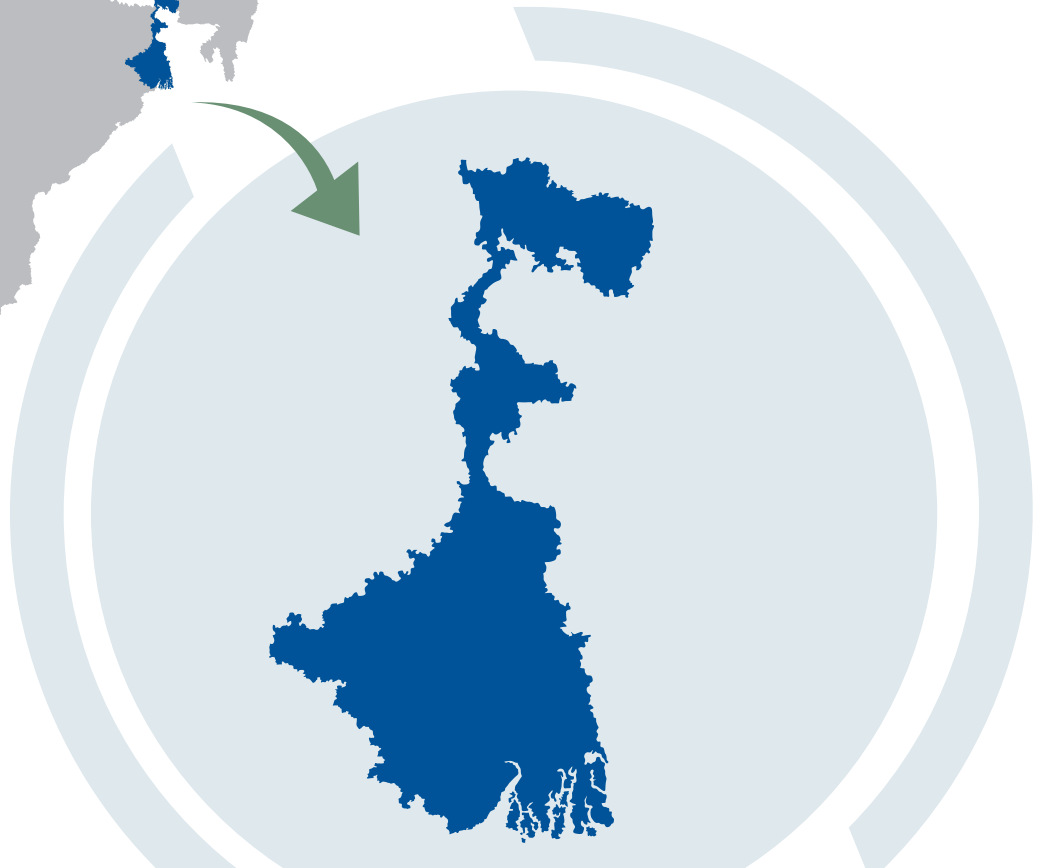
Bengali, Hindi, English and Nepali

### Literacy rate

77.1%

### Population

91.3 million



## Economic Powerhouse

**4th largest economy** in India

**GSDP at Current Prices: US\$ 158 billion** (2016-17)

**Growth Rate:** Gross Value Added (GVA) growing at **15.64%** (2016-17)

## Strategic Location

Located on the East coast, forming a gateway to South-East Asia and North-East India

Shares international border with Bangladesh, Nepal and Bhutan

Well connected with the booming hubs of Asia such as Singapore, Thailand and Malaysia

Hinterland comprises of mineral-rich states such as Chhattisgarh, Jharkhand and Orissa





# Robust Physical Industrial Infrastructure

- ▶ **Connectivity:** 2 international airports, 2 major ports and 3 upcoming ports
- ▶ **Power surplus state** with 100% villages electrified
- ▶ **3rd largest road network** in India
- ▶ **Plug-n-play industrial infrastructure:** Numerous growth centres and industrial parks – industry specific as well as multi-product
- ▶ **6 theme townships** planned
- ▶ Upcoming **Amritsar Kolkata Industrial Corridor (AKIC)** covering about ~2,000 km, to be operational by 2019

## Rich Culture

Birthplace of modern Indian literary and artistic thought

Known as the “Culture/Literary Capital of India”

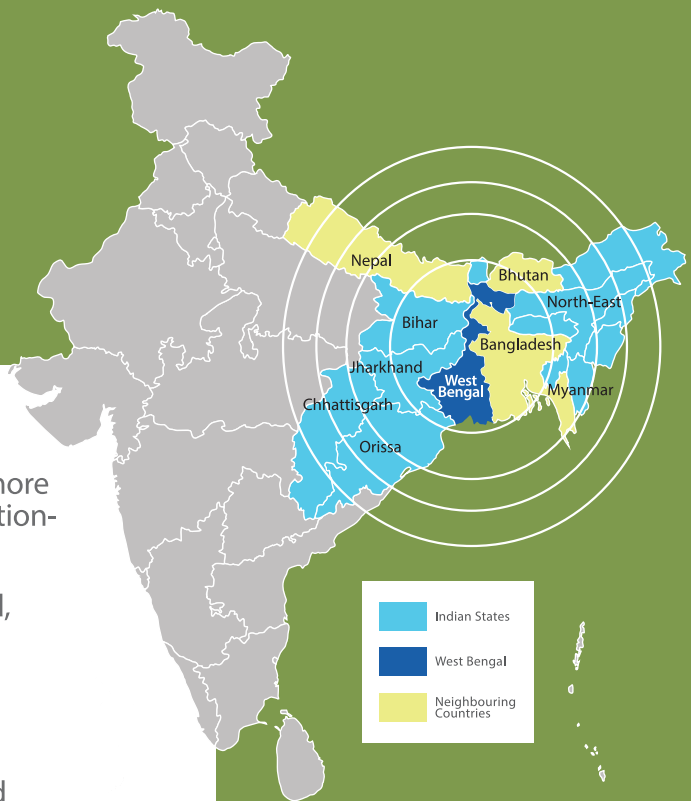
Pioneer of cosmopolitan culture in the country

Land of Saint Mother Teresa, Rabindranath Tagore, Satyajit Ray and many more



# Excellent Connectivity

## Domestic & International



Population base covered, corresponds to more than 1/4th (~27.5 %) of India's total population-  
**a thriving consumer base**

**Caters to nearby states** – Bihar, Jharkhand, Odisha, Chhattisgarh and North-East India (including Assam)

Considerable **chunk of population base (0.2 Billion) resides in neighbouring countries** viz. Nepal, Bhutan, Myanmar and Bangladesh

Besides these, **whole of South-East Asia is easily accessible**

Third largest in the country in terms of road coverage with **16 National Highways and 2 Asian Highways**

**Vast road network of 3,15,404 km**

Leading in rail density with **~4,000 km of railway tracks**

**2nd largest metro rail network** with over 130 km extension going on

**950 km of waterfront**

Leading in the country in terms of spread, density, reach, etc. of **National Inland Waterways**

**2 International Airports – Kolkata and Bagdogra**, with Kolkata Airport being India's 5<sup>th</sup> busiest

**1<sup>st</sup> Private Sector Greenfield Airport** of India at Andal, Bardhaman

**Tele-density of 92.7 as in FY 17**

Sources:

Census of India 2011, Worldometers

Centre for Monitoring Indian Economy, Ministry of Road Transport and Highways, Ministry of Railways, Airports Authority of India, Government of India

# Vast Coastline Empowering Industrial Growth and Exports



## KoPT adjudged 'Major Port of the Year' for 2014 -15

Handled 17% of vessels (first position) among all Indian Major Ports in 2015-16

## Strategic Location

Easy access to important national & international trade routes to Australia, Bangladesh, China, Malaysia, New Zealand, Singapore and other coastal places

### Waterway

- 950 km of waterfront
- Leading in the country in terms of spread, density and reach of national inland
- 16 National Waterways spread across 2,293 kms, covering 16% of the country's NW area
- Richly endowed with natural maritime advantages and potentially navigable waterways, including NW-1, NW-15 and others

### Port

- Two large container and bulk handling ports at Kolkata and Haldia
- Major deep sea port at Bhor Sagar, coming up by 2019
- Upcoming port near Kulpi
- Upcoming deep sea port at Tajpur, with docking capacity of 60,000 tonnes, and enhanced connectivity with NE India and SE Asia





## Maritime: Connectivity and Potential

- Ports of Kolkata have strong opportunities to serve more than 1.92 billion people, as identified by the trade route
- ~3.4 lakh containers were imported and ~3.22 lakh containers were exported via KoPT in 2015-16, resulting in the growth of overall trade transaction by 5%, compared to previous year

Source: KoPT, Kolkata Maritime Stats

# Leading Growth Engine of India



Largest in India's power distribution, quality, availability and near power-surplus

(Source: Gartner Report)



Largest in terms of MSME, with bank credit flow of US\$18 bn in the last 5 years (2012-13 to 2016-17)

(Source: SLVC)



Kolkata is the first metro with Wi-Fi connectivity on 4G

(Source: Trak.in)



Among leading exporters, with 12% of country's share of leather & 10% of iron & steel exports

(Source: Centre for Monitoring Indian Economy, Government of India)



Highest producer of vegetables  
in the country

(Source: Department of Food Processing, WB)



Second largest in terms of  
number of MSME enterprises  
(3.7 million enterprises)  
with third largest number of  
people employed

(Source: Ministry of MSME)



The land of the famous  
Darjeeling Tea comes second in  
tea production, after Assam

(Source: Tea Board)



Third largest in terms of mineral  
production, accounting for  
about 20% of the country's  
total mineral production

(Source: IBEF)



Third largest in terms of  
agricultural output in the country

(Source: Centre for Monitoring Indian  
Economy, Government of India)



Third largest in terms of road  
coverage across the country

(Source: MoRTH)

# Rapidly Improving Governance – **Unparalleled Financial Management**

**4X**

Expenditure on physical infrastructure increased 4 times over 2010-11 to ~US\$ 0.98 billion in 2016-17

**4.8X**

State plan expenditure in social sector in 2016-17 increased 4.8 times since 2010-11, to ~US\$ 4.9 billion

**2.3X**

State tax revenue more than doubled (2.3X) to ~US\$ 7.6 billion in 2016-17 from 2010-11

**2.2X**

At current prices, State GSDP in 2010-11 US\$ 69 billion has more than doubled (2.2X) in 2016-17 to US\$ 158 billion





**5X**

Credit Linkage to Self Help Groups (SHGs) has gone up more than 5X from US\$ 60 million in 2010-11 to US\$ 340 million in 2016-17

**3.5X**

State plan expenditure increased by 3.5 times from over 2010-11 to US\$ 9.08 in 2016-17

**7X**

Capital expenditure in the state increased by 7 times over 2010-11 to 2016-2017

**6X**

Expenditure in agriculture and Agri-Allied Sector, registered a six fold increase over 2010-11 to ~US\$ 3.5 billion in 2016-17

# Leading Industrial Growth through **MSME Development**

Second largest in the country in terms of the number of MSME enterprises (a total of ~3.7 million enterprises)

Third largest in the country in terms of number of people employed in MSMEs (~8.6 million people employed)

The growth rate of MSMEs in 2014-15 has been 8%

MSMEs' share of State's Gross Value Added (GVA) in 2014-15 at constant price, has been 19%



(Source: Ministry of MSME)

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

# Recent Steps

- ~US\$ 31 million (INR 200 Crore) **Venture Capital Fund** set up to enable rapid growth of MSMEs
- **Single Window Services** set up at Industry Facilitation Centre (IFC), in every district
- Launched '**myEnterisewb**' portal, to provide a quick and simple way to access all information and requirements of setting up an MSME unit in the state, and incentives provided by the government.
- '**Micro Business Credit Card**' scheme launched for small and medium businesses in the state, in association with the State Bank of India, with a fund of ~US\$ 30 million
- Market value of fixed assets amounting to ~US\$ 5.9 billion
- MSME growth in the state, figures as one of the top achievements of the incumbent Government
- 343 MSME clusters taken up for development
- Highest bank credit flow to MSMEs of ~US\$ 18 billion, in the last 5 years



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



## Roads

- Excellent road connectivity – 3rd largest road network of 3,15,404 km, and growing
- Road density higher than national average
- The India-Myanmar-Thailand Trilateral Highway is expected to boost trade and commerce in the ASEAN-India Free Trade Area
- US\$ 250 million invested on road development

## Maritime

- Oldest maritime infrastructure with 2 major ports at Kolkata and Haldia
- Upcoming deep sea port at Tajpur, with docking capacity of 60,000 tonnes and enhanced connectivity with NE India and SE Asia
- Upcoming major deep sea port at Sagar Island and another port near Kulpi







## Power

- Largest in India's power distribution
- Ranks No. 1 in power availability in the country
- Highly efficient 100% spot billing facility to low-voltage domestic and commercial customers
- Best in power quality
- Most efficient power utility company - CESC
- 13,825 MW generating station and 12,723 km transmission network capacity

## Telecom

- Reliable telecom infrastructure and bandwidth
- Kolkata offers about 580 Mbps of international satellite connectivity, through Tata-owned Videsh Sanchar Nigam Limited (VSNL) and Software Technology Parks of India (STPI)
- Cumulative Tele-density network stands at an impressive 92%
- Kolkata is the 1<sup>st</sup> metro with Wi-Fi connectivity on 4G
- 15,000 km of optical fibre network, and rising
- Tele-density of 92.7 as in FY 17





## Airports

- 2 international airports: Kolkata and Bagdogra (connecting Paro and Bangkok), with Kolkata Airport being India's 5<sup>th</sup> busiest
- 1 domestic airport at Durgapur
- 1<sup>st</sup> private sector greenfield airport of India at Andal, Bardhaman
- Cooch Behar (Regional)
- Proposed revival of Balurghat Airport

## Railway

- Leading in rail density with 4,000 km of railway tracks, and growing
- Kolkata has the 2<sup>nd</sup> largest Metro Rail Network of the country only after Delhi-NCR, with over 130 km of extension going on
- ~US\$ 3.1 billion (INR 20,000 CR) worth investment secured from the Central govt. for the extension of 132 km of proposed metro line
- First under-water metro tunnel



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



## Mining

- Deocha-Pachami: largest coal block development in PPP
- INR 20,000 crore (~US\$ 3 billion) investment potential

Source: Ministry of Power, Govt. of India



## Water Supply

- INR 4,100 crore (~US\$ 625 million) invested by Govt. of West Bengal for water supply in 64 towns

Source: Ministry of Power, Govt. of India

## Upcoming Industrial Corridors

- **The 1,840 km long Eastern Dedicated Freight Corridor (EDFC) of Indian Railways** runs from Ludhiana in Punjab to Kolkata, covering 6 major states
- **Amritsar Kolkata Industrial Corridor (AKIC)** spanning 20 cities in 7 states, to be aligned to Eastern Dedicated Freight Corridor (EDFC), and to be completed by 2019. AKIC along with vast network of roads and inland waterways would transform the state into a logistics hub
- **The proposed Bangladesh, Myanmar, India and China Economic Corridor (BMIC)** will offer the first expressway between India and China

# Plug-n-Play Infrastructure Available for Investments

## Industrial Infrastructure

- Numerous growth centres and industrial parks, both industry specific and multiproduct
- More than 90 industrial parks/estates/growth centres already exist or are coming up in the state
- Exclusive centres exist for electronics, export processing and software technology

## Major Industrial Regions

**HALDIA**  
**KOLKATA**  
**ASANSOL-DURGAPUR**  
**KHARAGPUR**  
**HOWRAH**  
**SILIGURI**

## Ready Industrial Infrastructure

**200+ Industrial Parks/Estates**  
**20,000 Acres of Land**  
**6 Textile Parks**  
**2 Existing Gems and Jewellery Parks**

## Project Texpro

- Involves setting up of 13 textile parks in the state, covering 530 acres, with the active support of the government
- Set-up under 4 major categories: Apparel & Garments Dyeing, Printing and Processing, Power Loom and Technical Textiles



## Some of the Upcoming Industrial Parks

**GOALTORE** (Multi-product)

**HALDIA** (Multi-product)

**HARINGHATA** (Multi-product)

**RAGHUNATHPUR** (Integrated Manufacturing)

**HOWRAH**

**HALDIA**

**7 TEXTILE PARKS**

**GEMS AND JEWELLERY PARKS**

**STATE DESIGN CENTRE** in association with Dassault Systèmes

## Schemes for Approved Industrial Parks (SAIP)

- Scheme encourages and incentivises private sectors to set up industrial parks with government support
- 10 SME parks are being developed covering ~ 670 acres of land
- Scheme to promote greenfield parks

## Strengthened Common Facilities

- Clusters Development Strategy:  
390 clusters (350 added in the last 5 years)
- 11% state growth in industrial sector, as against national growth of 7.3% in 2015-16

# Existing Industrial Parks



## CHEMICAL

Integrated Chemical Park, Howrah  
Poly Park, Howrah



## FOOD PROCESSING

Food Park, Howrah  
Food Park, Malda



## TEXTILES

Paridhan-Garment Park,  
Kolkata



## INFORMATION TECHNOLOGY

IT Park, Howrah  
IT Park, Siliguri



## GEMS & JEWELLERY

Manikanchan,  
Salt Lake, Kolkata  
Gems & Jewellery Park,  
Howrah



## MEGA SEAFOOD PARK, KHARAGPUR



## THE KOLKATA FINANCIAL & LEGAL HUB

# World Class IT Infrastructure



## Built up Infrastructure

**Over 5 million sq. ft. of 'ready to move' space in IT Parks**

## IT Zones in Kolkata

**11 existing IT Parks and 7 to be operational in the next 5 years**

(Statistics of WB, GoWB)

Citizen centric e-Governance & mobile-Governance

NASSCOM Start-up Warehouse for budding entrepreneurs

11 existing IT Parks and 2 upcoming Hardware Parks

Fully wi-fi metro & railway stations & other city locations

**EMERGING SATELLITE IT HUB**

Analytics City at Kalyani

2 upcoming Electronic Manufacturing Clusters (EMCs)

Government hosted Microsoft's Centre of Excellence to start soon

4 Green Cities to be developed:  
New Town  
Salt Lake  
Durgapur  
Haldia





## 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

# Brilliant Urban Infrastructure

- 6 new theme townships coming up on 331 acres of government land
- Presence of 36 foreign high commissions
- Many multinational and corporate houses including media and entertainment

Source: Centre for Monitoring Indian Economy

## 6 New Theme Townships Coming Up

Government proposes to develop **6 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.



### **Asansol (Agnibina)** Industrial Township

Recognised for established industrial resources



### **Dumurjala (Sports City)**

Sporting activities thrive here, making it the sports hub of West Bengal



### **Dabgram (Teesta)** Health and Education City

Earmarked for its solitude and location. Also has the potential to become the new Health Hub of the North East



### **Baruipur (Uttam City)** Geriatric and Wellness Township

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



### **Bolpur (Gitabitan)** Cultural Hub

Cultural hub of West Bengal with Shantiniketan, and a heritage steeped in literature and music



### **Kalyani (Samridhi)** Analytics City

Huge investment potential for setting up industries



# Excellent Social Infrastructure

- Green City with sufficient eco-space, sustainable water reservoir system and modern low-emission transport
- One of the lowest cost of living and doing business
- Excellent recreation facilities, amusement park, social clubs and cultural centres
- State-of-the-art healthcare facility with 42 Critical Care Units (CCU) and 30 High Dependency Units (HDU)

Source: Centre for Monitoring Indian Economy





# Human Capital for Industries



- High skilled manpower at competitive prices
- Assured skilled Human Resource – 8,00,000+ skilled industrial workers
- High quality talents suited for R&D and, next-gen industries – AI, Robotics, Machine Learning
- Allocated US\$ 1.5 billion to the School Education Department for the next financial year
- Construction of 28 model schools have been completed
- 199 nos. of new set-up Primary and 71 nos. of new set-up Upper Primary schools have been constructed
- Since 2011, in only 4 years, 15 new universities and 46 new colleges have come up in the state
- As a result of the significant increase in public spending in higher education, the state's Gross Enrolment Ratio has risen dramatically to 17.5 from 12.6 in 2011
- US\$ 0.01 billion allocated to set up virtual classrooms in all higher education institutions
- The budgetary allocation for the Swami Vivekananda Merit cum Means Scholarship Scheme has been raised by 5X in 2016-17
- Allocated US\$ 0.09 billion to the Higher Education, Science & Technology and Bio-technology Department for the next financial year
- 'Utkarsh Bangla' has been launched with an aim to skill 12 lakh people in the next two years
- 10 new Government Polytechnics and 1 Government Sponsored Polytechnic were operationalised in 2016
- Allocated US\$ 0.12 billion to the Technical Education, Training and Skill Development Department for the next financial year
- 400% increase in number of ITIs; 235 existing; 70 more being set up
- Premier technology & management institutes – IIT, IIMC, ISI, Jadavpur University, IIST, Presidency University

## Renowned Institutes of West Bengal








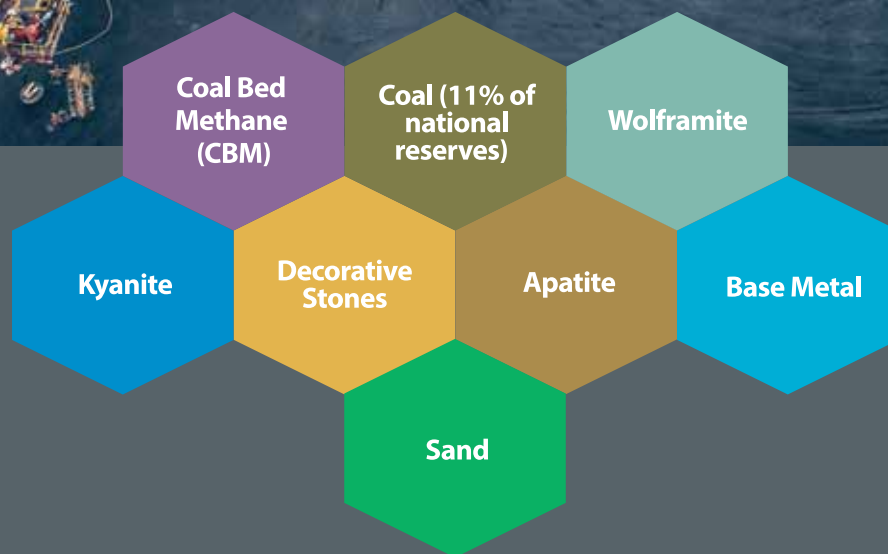
## Health and Education Initiatives

- State to promote free-treatment policy by withdrawing all kinds of user charges for all sorts of investigations, medicine and beds from all government facilities.
- Initiated a process of setting up of 13 Mother and Child Hubs (MCH)
- To provide comprehensive neonatal care, 303 Sick Newborn Stabilization Units (SNSU) have been made operational
- Infant Mortality Rate (IMR) has been reduced from 32 to 26 and institutional delivery in health centres and hospitals has increased from 65% to 90%
- Another 5 new government run medical colleges at Cooch Behar, Raigunj, Purulia, Rampurhat and Diamond Harbour are coming up, by upgrading the district hospitals
- 112 Fair Price Medicine Shops (FPMS) are functional and 7 are expected to be made operational in phases
- Fair Price Diagnostic Centers and Dialysis Services have been set up at 46 State Run Facilities across the State
- A Comprehensive Group Health Insurance Scheme named "Swasthya Sathi" has been introduced
- US\$ 0.5 Billion has been allotted to the Health and Family Welfare Department





# Resource Abundance across Various Streams



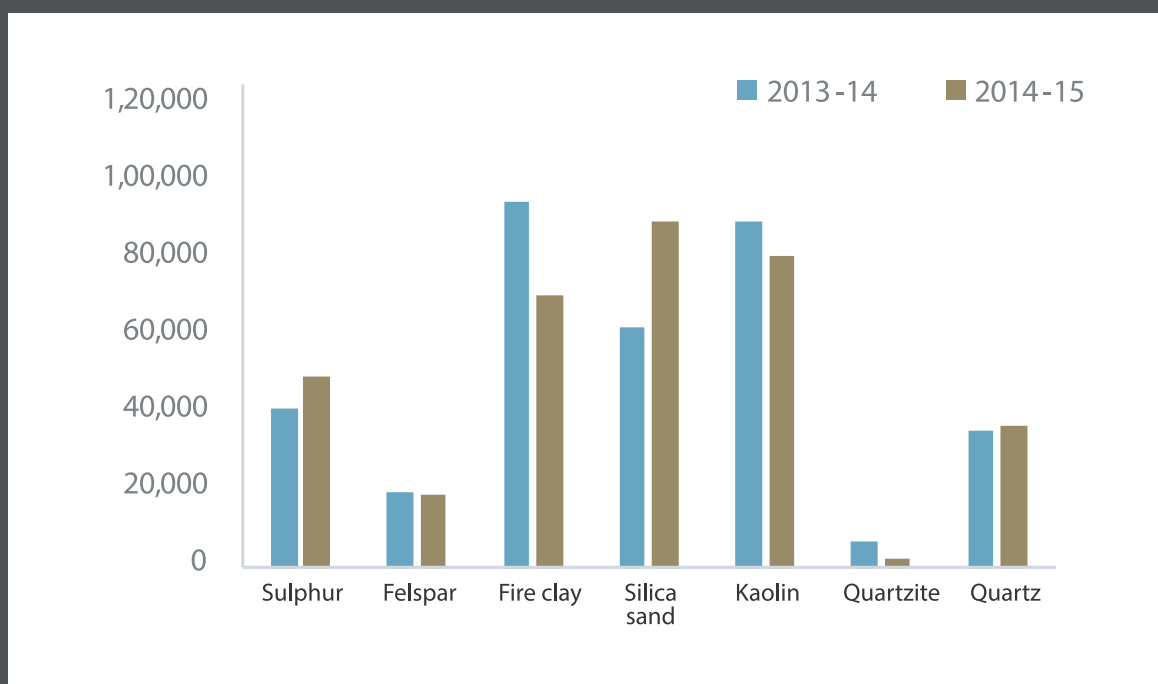
## Highlights

- As of April 2015, state's total coal reserves were estimated at ~31 billion tonnes, major coal fields being at Raniganj, Barjora, etc. while coal production in West Bengal has reached ~5 million tonnes during 2015-16 (April-June 2015)
- Rock phosphates deposits are found in Beldih, 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





## Mineral Production (Tonnes), 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



# Initiatives/Policies Implemented on a Large Scale

## POLICY INITIATIVES

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



# Industrial Promotion Assistance – Incentives Available

## LARGE SCALE INDUSTRY

### Investment Industrial Policy West Bengal, 2013

- Reimbursement of 80%-90% of Value Added Tax (VAT) paid for a period ranging from 8-15 years
- Reimbursement of Central Sales Tax (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
- Customised packages for mega projects
- Additional incentives for select focus industries

## TEXTILES INDUSTRY

### West Bengal Textile Policy, 2013-2018

- Up to 40% Capital Incentive Subsidy and additional subsidy of 20% to special categories
- Up to 25% subsidy of the total interest
- Up to 100% waiver of Electricity Duty and substantive Power Subsidy
- Up to 100% refund of Stamp Duty & Registration Fee
- Up to 90% reimbursement of Value Added Tax (VAT) paid for 8 years. Refund of Central Sales Tax (CST) paid for 3 years

*And many more fiscal and non-fiscal incentives available*

## 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

## MSMEs

### West Bengal MSME Policy, 2013-18

- **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 and minorities Scheduled Castes (SC)/Scheduled Tribes (ST) and Self Help Group (SHG)
- 

## START-ups

### West Bengal Start-up Policy, 2016

- Assistance for capital expenditure of up to INR 10 lakhs to create **Central Entrepreneurship Development Centers (EDCs)**
- **Funding assistance** for EDCN capital development programmes
- Assistance for creation of a network of kick-starter funds
- **Priority equity funding** from WB MSME venture Capital Fund
- **Special fiscal incentives** to investment bankers for investment into Bengal-based start-ups
- Special incentives and support to IT start-ups

# Initiatives of the Government for Improving the Ease of Doing Business

- **Decentralisation - Simplified procedures** for providing services & reduced documentation
- Implementation of **risk-based classification** of industrial establishments, **computerised risk assessment and randomised allocation of inspectors**
- Mandating **time bound delivery** of services to industries/businesses
- Introducing the provision for **self-certification** (self-declarations and self-attestations), or third party certification for obtaining labour/PCB related clearances
- Introducing the provision for **real-time/online submission of inspection reports**
- **Business Process Re-engineering-** Simplified tax regime and e-Governance towards improved service delivery
- **Mandatory E-registration-** Only state to have made e-registration mandatory, along with introduction of dematerialised registration certificate
- **Single Tax ID-** 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
- **E-Way Bill-** Introduction of online generation of a single document dematerialised waybill
- **Clear timelines** for connections of basic utilities defined
- **E-filing Service Center and Helpline Number**
- **E-Sales Tax Deduction at Source (TDS) Service**
- **Simplified registration** and disbursement process 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
- **Single Window e-Service** and **web supported systems** under **Shilpa Sathi** for large industries, and Industry Facilitation Centres (IFC) in each district for MSMEs
- Online property registration application and payment
- **Digitisation** of land records
- Simplification of regulatory burden initiated for environmental procedures
- Quick disposal of VAT refund
- **Industrial Policy-** Competitive **fiscal incentives** for industries
- Transparent **PPP Policies** and **inspection reforms**
- **Synchronised inspection** and submission of inspection report within 48 hours
- **Online Land Allotment** by different government authorities, with clear timeline
- Digitisation of land records and land bank information with **interactive GIS facilities**
- **Time-bound service delivery** according to Right to Public Services Act and **decentralisation of approval power**
- **Dissemination of web-based information** on detailed procedure, timeline, checklist for approval under the State Government Acts
- **Service with a Smile (SWAS):** Mobile App based helpdesk and enquiry handling system

# Single Window Facilitation

The State has passed a Single Window System Act to provide all industry related services online

## PROCEDURE

- ONLINE APPLICATION SUBMISSION
- ONLINE PAYMENT
- ONLINE VERIFICATION & PROCESSING
- COMPUTERISED INSPECTOR ALLOCATION
- ONLINE APPROVAL & STATUS TRACKING

## Highlights

- Operationalised 23 single window facilitation centres at District Level
- Created 23 Start-up Acceleration Centres in districts, in 2016
- Right to Public Services Act enacted to ensure time bound service delivery
- Details of Industrial Land Banks, furnished on the online portal
- State Level Committees constituted participatory and consultative policy decisions

## Paradigm Shift in Labour Policies

- The 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
- Man-days lost, drastically reduced from 6.5 million in FY 2010-11 to 5,200 in FY 2012-13 and subsequently to almost nil in 2015-16
- Additionally, the State has taken a slew of initiatives that are heralding a new era in labour management
- Nearly 7.6 million beneficiaries have been enrolled under the various social security schemes, run by the State Labour Department
- Approx. US\$ 2 billion has been disbursed so far, in various types of benefits, to nearly 1.3 million unorganised workers under the schemes

Source: Annual Report Labour in West Bengal 2014-15

## Key Initiatives

- E-based Employment Bank
- Online Application for Factory License
- Single Inspection Strategy
- Grievance Redressal Mechanism
- Time Bound Services under Right to Services Act



# Investment Opportunities

## FOCUS SECTORS



Industrial Parks



Manufacturing Clusters  
(Light Engineering, Auto Ancillaries,  
Leather, Gems & Jewellery, Textiles,  
Chemicals & Petrochemicals)



Urban Development



IT & ITES



Agri-Business (Seeds & Fertilizers,  
Food Processing, Animal Resource  
Development, Fisheries)



Healthcare



Education



Energy



Tourism (Hospitality & Business of Entertainment)



Skills



Financial Services



Transport Services

# MSME



Casting



Forging



Leather



Jute



Gems & Jewellery



Apparel



Textile



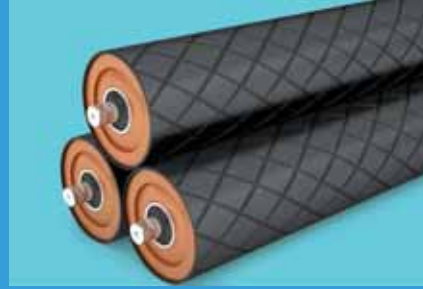
Handicraft



# TRADITIONAL SECTORS



Chemicals



Rubber



Plastic



Light Engineering

# EMERGING SECTORS



Maritime



City Gas

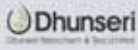


Renewable Energy



Mining

# TOP COMPANIES IN BENGAL

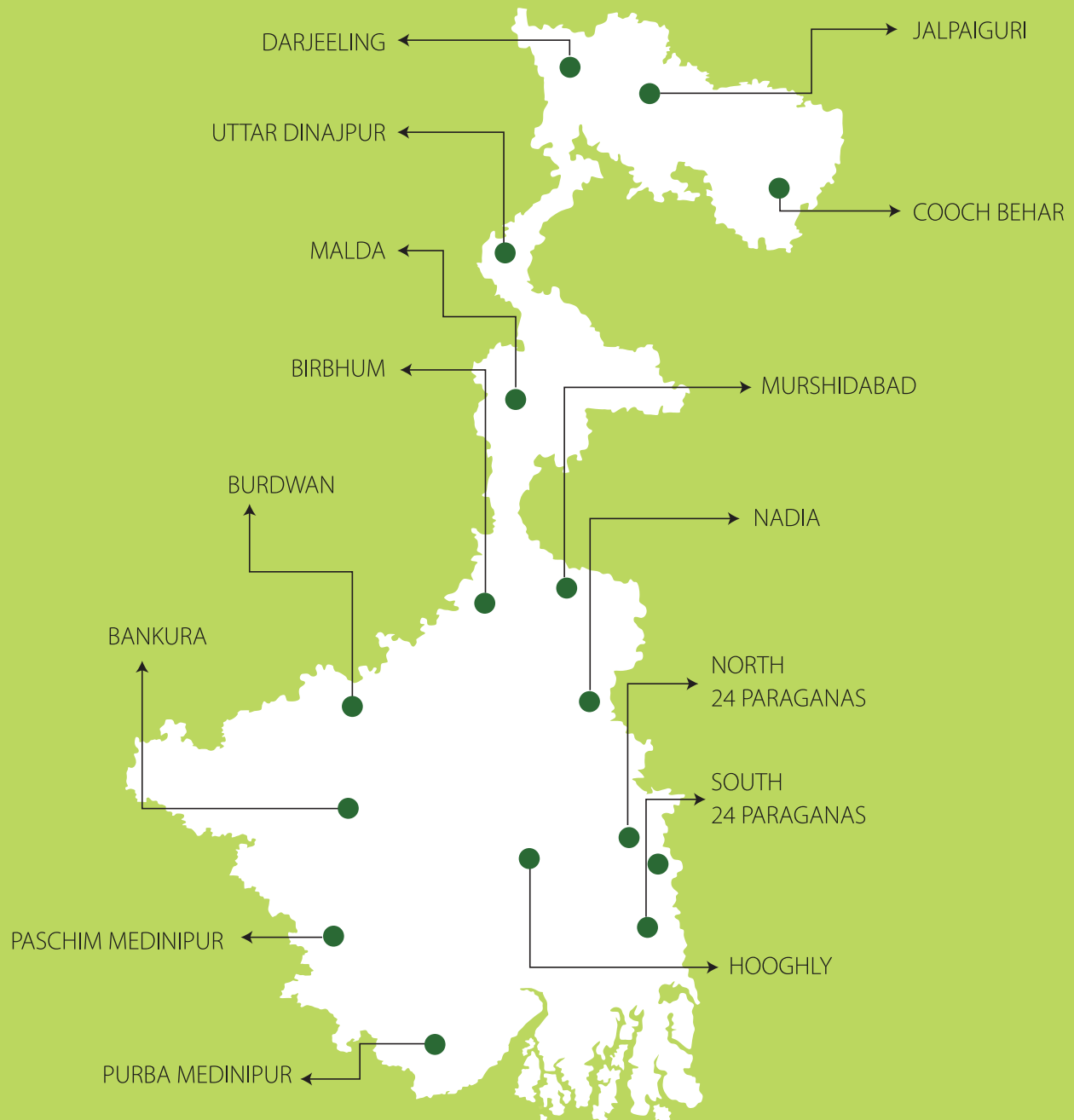




# TOP INTERNATIONAL COMPANIES IN BENGAL

	Sector FOOD & BEVERAGE	<b>Activity</b> Food & Beverages major PepsiCo, launched its India made Doritos-nacho chips brand, from its modern manufacturing line in West Bengal. The company set up a new plant for producing standard and custom-made performance-based construction chemicals at Kharagpur, West Bengal.
	Sector CONSUMER GOODS	<b>Activity</b> The transnational consumer goods company, leverages strongly, the growing consumer goods market in Bengal.
	Sector PROFESSIONAL SERVICES	<b>Activity</b> Genpact's operations in Kolkata includes Business Analytics, Software Development, KPO, IT Helpdesk Support, with a more than 5,000 strong workforce.
	Sector PROFESSIONAL SERVICES	<b>Activity</b> The global professional services company started its operations in Kolkata in 2011, and looks to ramp up operations in management & technology consultancy.
	Sector IT SERVICES	<b>Activity</b> Cognizant has 3 large campuses, providing employment to 30,000 IT professionals.
	Sector CHEMICAL	<b>Activity</b> BASF, the German diversified chemical company, has a production plant for manufacturing concrete admixtures (construction chemicals), at Kharagpur. At this plant, BASF is producing standard and custom-made performance-based construction chemicals, under the Master Builders Solutions brand.
	Sector CHEMICAL	<b>Activity</b> Sika, a Swiss company specialising in construction-chemical manufacturing, operates its wholly owned subsidiary, across five locations in India, including Kalyani, West Bengal. Sika utilises its India base to serve both the domestic market, as well as the export markets of Sri Lanka, Nepal, Bhutan, Maldives and Bangladesh.
	Sector CHEMICAL	<b>Activity</b> Mitsubishi Chemical Corporation (MCC), a Japan based company has a significant presence at Haldia, West Bengal. It has recently signed an agreement to sell its Purified Terephthalic Acid (PTA) business in India, MCC PTA India Corp Private Limited (MCPI), to Chatterjee Management Company.
	Sector CHEMICAL	<b>Activity</b> IBM is an American multinational technology company, headquartered in Armonk, New York, United States, with operations in over 170 countries and has an office in Kolkata.
	Sector FOOD & BEVERAGE	<b>Activity</b> Kraft Heinz is the fifth-largest food and beverage company in the world. A globally trusted producer of delicious foods, The Kraft Heinz Company provides high quality, great taste and nutrition for all eating occasions, whether at home, in restaurants or on the go. The company employs about 2500 people, and is headquartered in Mumbai, with four branch offices in major cities of India, including Kolkata.
	Sector FOOD & BEVERAGE	<b>Activity</b> Frito-Lay, Inc., an American subsidiary of PepsiCo that manufactures, markets and sells corn chips, potato chips and other snack foods, has a prominent presence in the state. Bengal is the largest supplier of potatoes to Frito-Lay's India operations.
	Sector FOOD & BEVERAGE	<b>Activity</b> Coca-Cola India Pvt. Ltd., is a subsidiary of Atlanta based The Coca-Cola Company that sells concentrates for a wide range of juices and juice drinks, and aerated beverages. It is the world's largest beverage company, refreshing consumers with more than 500 sparkling and brands and more than 3,800 beverage choices and has a prominent presence in Bengal.
	Sector PUBLIC RELATIONS	<b>Activity</b> Edelman is the world's largest independent public relations firm and a leading player in the Indian market. With a team of over 280 professionals, Edelman India has a presence across 11 locations in India, including Kolkata. In addition, Edelman India has a representative network covering 200+ cities across the country.
	Sector PROFESSIONAL SERVICES	<b>Activity</b> FedEx Corporation is an American multinational courier delivery services-company, headquartered in Memphis, Tennessee and has a prominent presence in Bengal. The company is known for its overnight shipping service, but also for pioneering a system that could track packages and provide real-time updates on package location.
	Sector Engineering and Consumer Goods	<b>Activity</b> Honeywell is an American multinational conglomerate company, that produces a variety of commercial and consumer products, engineering services and aerospace systems, for a wide variety of customers, from private to major corporations and governments with prominent presence in Bengal. Honeywell's building management systems are at work in Kolkata airport, enhancing safety, security and comfort for the passengers.

# Annexure I- Agriculture Production Clusters of West Bengal



Darjeeling	Pineapple, Capsicum, Tea, Eggs
Uttar Dinajpur	Pineapple, Maize, Tea, Jute
Malda	Mango, Litchi, Brinjal, Wheat, Maize
Birbhum	Guava, Rice, Wheat, Egg
Burdwan	Meat, Potato, Rice, Milk
Bankura	Brinjal, Cauliflower
Paschim Medinipur	Guava, Watermelon, Potato, Rice
Purba Medinipur	Sapota, Rice
Jalpaiguri	Pineapple, Jackfruit, Capsicum, Peas, Tea, Milk, Meat
Cooch Behar	Jackfruit, Watermelon, Arbi, Tomato, Maize, Tea
Murshidabad	Banana, Mango, Litchi, Brinjal, Cabbage, Wheat, Beans, Tomato, Onion, Radish, Rice, Jute, Maize, Milk, Eggs, Cauliflower
Nadia	Banana, Papaya, Litchi, Brinjal, Cabbage, Wheat, Beans, Tomato, Cauliflower, Okra, Radish, Jute
North 24 Paraganas	Banana, Papaya, Litchi, Brinjal, Cabbage, Wheat, Beans, Tomato, Cauliflower, Okra, Radish, Jute
South 24 Paraganas	Guava, Papaya, Sapota, Cabbage, Okra, Beans, Sweet Potato, Radish
Hooghly	Banana, Potato









## LEGEND

▲	Cement and Mortar
★	Coal
◆	Copper
◇	Iron
◐	Lead and Silver
▭	Lignite
●	Gold
▩	Kaolin
▭	Limestone
▭	Zinc
○	Dolomite
⊕	Fire Clay
▭	Manganese
☁	Quartz
▶	Silica
▽	Others

# Annexure III- Chemical Feedstock Availability in and around West Bengal

**IOCL – Bongaigaon Refineries and Petrochemicals Ltd. (BRPL)**

**Naptha, Fiber Intermediates (PX)**

HPL Production Capacities (in MTPA)	
Ethylene	7,00,000
Propylene	3,41,000
Butadiene	95,000
Benzene	1,32,000

MCPI Production Capacity (in MTPA)	
PTA	1,300,000

**Paradeep Refinery**

**IOCL – Paradeep Refinery (Non-Petroleum Products)**

**Polymer (Polypropylene), Fiber Intermediates (MEG), PTA**

**IOCL, HPL, MCPI**





BRPL

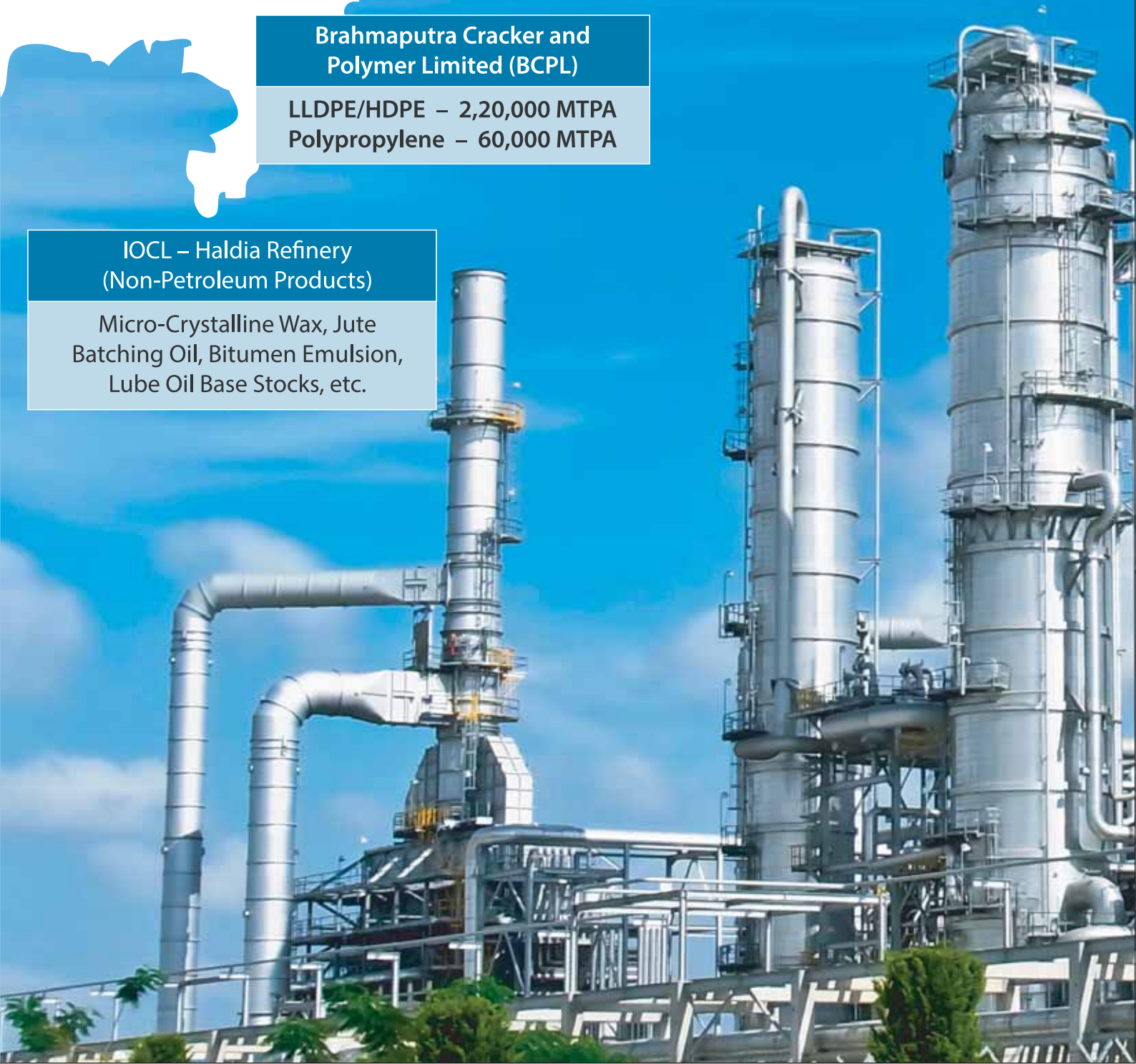
BCPL

**Brahmaputra Cracker and  
Polymer Limited (BCPL)**

LLDPE/HDPE – 2,20,000 MTPA  
Polypropylene – 60,000 MTPA

**IOCL – Haldia Refinery  
(Non-Petroleum Products)**

Micro-Crystalline Wax, Jute  
Batching Oil, Bitumen Emulsion,  
Lube Oil Base Stocks, etc.



# BENGAL GLOBAL BUSINESS SUMMIT AT A GLANCE

**BGBS 2015, 2016 and 2017:** 3 successful editions organised successfully by the Government of West Bengal

**INR 4.93 lakh crores' (~US\$ 72 bn) investment proposals in BGBS 2015 & 2016**

**INR 2.35 lakh crores' (~US\$ 35 bn) in BGBS 2017**

**Participation of 4000 Delegates from across India & 29 countries from Europe, America and Asia**







## Key Highlights of BGBS 2016

- **2,50,253.74 crore** worth of business announcements, business document exchanges, expressions of interest and investment proposals received from various sectors
- **Focus Sectors:** Manufacturing, Infrastructure & Mining, Urban Development, Power & Renewable Energy, IT, ITES & Telecom, Transport, Tourism, Food Processing & Fisheries, Technical Education & Training and Small & Medium Industries
- **Partner Country: JAPAN**
- **Participation from 26 countries including USA, UK, Italy, Spain, Germany, Japan, China, Korea, Bhutan, Bangladesh, Nepal, Canada, Netherlands, Malaysia, UAE, Singapore, Belgium, Thailand, Bulgaria, Romania, Chile, Czech Republic, Mexico, Finland, Tunisia, Argentina**
- Hon'ble ministers from abroad, HE Mr. Tshering Tobgay, Hon'ble Prime Minister of Bhutan, Mr. Tofail Ahmed, Minister of Commerce, Bangladesh and Rt Hon Ms Priti Patel, Minister of State for Employment, United Kingdom, addressed the summit
- Hon'ble ministers from India, Shri Arun Jaitley, Hon'ble Union Minister of Finance, Corporate Affairs, Information & Broadcasting, Shri Nitin Jairam Gadkari, Hon'ble Union Minister for Road Transport, Highways & Shipping, Shri Suresh Prabhakar Prabhu, Hon'ble Union Minister of Railways, Shri Arvind Kejriwal, Hon'ble Chief Minister of Delhi and Shri Piyush Goyal, Hon'ble Minister of State with Independent Charge for Power, Coal and New & Renewable Energy, addressed the summit

### Major announcements/investment proposals/MoUs/EOIs –

- TCG Refinery, Jindal Group, H-Energy, Essel Group, Zhongtong Bus Holding, Great Eastern Energy, Kawasaki Rikuso, BAPL, Ambuja Neotia, ITC, Airtel, Titagarh Towers, etc.
- Export Strategy Paper for West Bengal, prepared by EXIM Bank, New Township Policy, Design Policy 2016, Start-up Policy 2016-2021, released by Hon'ble Chief Minister of West Bengal





## Key Highlights of BGBS 2017

- **2,35,290.03 crores** of business announcements, business document exchanges, expressions of interest and investment proposals were received
- **Focus Sectors:** Manufacturing & Infrastructure, MSME, Urban Development, Transport, IT, ITES & Telecom, Food Processing, ARD & Fisheries, Hospitality & Tourism, Education & Skill Development, Healthcare
- **Participation by over 4000 delegates from across India and 29 other countries. Multiple delegations from Europe, America and Asia, participated in the summit**
- BGBS 2017 was inaugurated by The Hon'ble President of India, Shri Pranab Mukherjee, and plenary sessions were addressed by political dignitaries and business leaders, from India and abroad, who shared their thoughts and experiences
- **Partner Countries: JAPAN, POLAND, ITALY AND GERMANY**  
**Major announcements/ investment proposals/ MoUs/ EOIs –**
  - Shapoorji Pallonji Group, Ambuja Group, Forum Group, Adamas Group, RPG Group, Vodafone, Airtel, Reliance, TCG Group, Bengal SREI
  - Government of Upper Silesia, Poland has proposed cooperation in mineral exploration, with the Government of West Bengal, through WBMDTC
  - MOU between WBHIDCO and Handong University of Korea, for Green Cities
  - First Cyber Security Analytical Hub in the state is being set up at Kalyani, Nadia District
  - MOU between Future Group and Biswa Bangla Marketing Corporation, for setting up Biswa Bangla Stores in metro cities
  - Assomach from Italy to develop Common Facility Center in collaboration with Calcutta Leather Complex Tanners Association
  - MOU between The Adamas University and Moscow State University and the Sapienza University, Italy, for an academic collaboration and exchange programme



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