





BENGAL

THE HUB OF OPPORTUNITIES









#BENGALMEANSBUSINESS

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



CONTENT

- Bengal - An overview
- Excellent Connectivity
- Leading growth engine of India
- Leading Industrial growth through MSME Development
- Infrastructural Prowess
- Key Policies, Incentives & Initiatives
- Focus Sectors
- BGBS at a glance



WEST BENGAL-

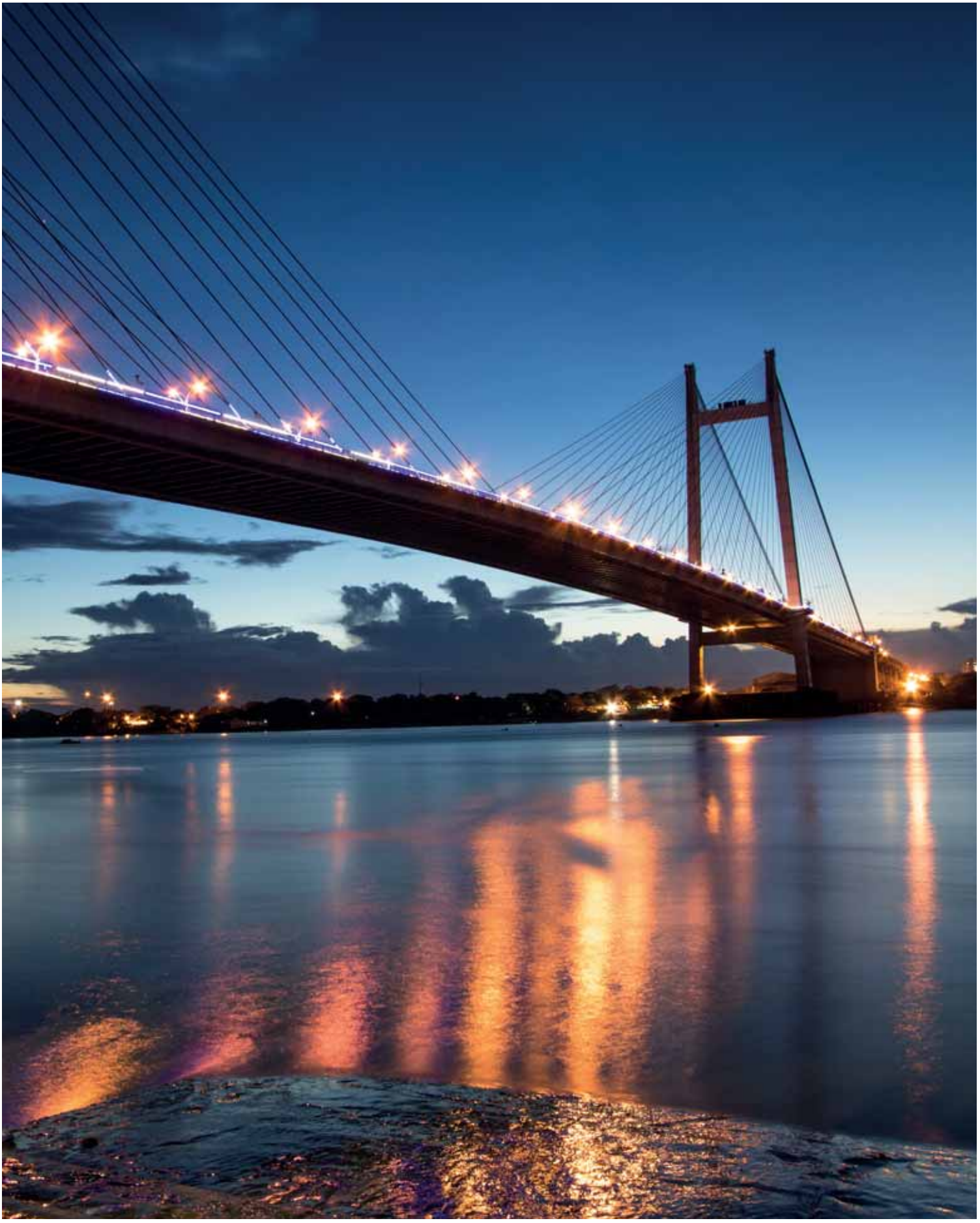
Emerging Growth Engine Of India

Infrastructure Prowess

Key Policies/Initiatives

Focus Sectors

WEST 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

Growth Rate: State recorded **14.99%** **GVA growth in FY 2017-18**

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 2 upcoming ports

Power surplus state with 100% villages electrified

Leading the country in terms of power availability, distribution and quality

3rd largest road network in India

Plug-n-play industrial infrastructure: Numerous growth centres and industrial parks – industry specific as well as multi-product

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 with road density of 333.5 km per 1000 sq. 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

With 13% of national coastline, the State **tops in terms of spread, density and reach of National Waterways** in the country

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 5th busiest

1st Private Sector Greenfield Airport of India at Andal, Bardhhaman

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

Kolkata Port ranked "First" amongst all Indian Major Ports in terms of Coking Coal handling, Second in Other Liquids and Third in Container Traffic handling in 2016-2017.

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 with 13% of national coastline
- 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
- 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

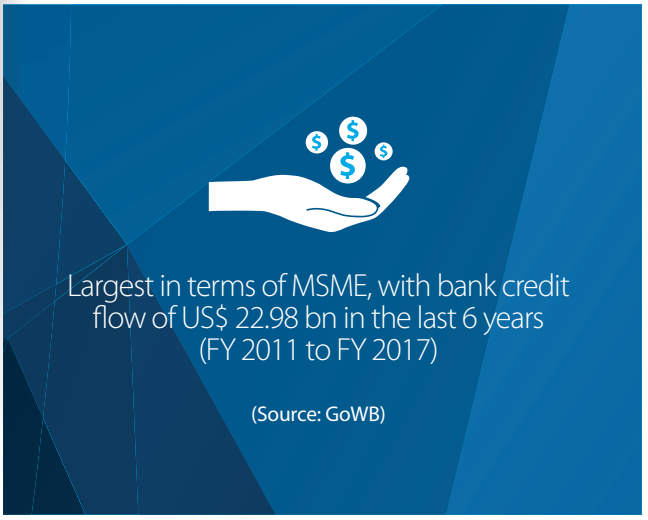
- Ports of Kolkata have strong opportunities to serve more than 1.92 billion people, as identified by the trade route
- Kolkata Port handled 50.951 million tons of traffic in 2016-2017
- ~3.85 lakh containers were imported and ~3.85 lakh containers were exported via KoPT in 2016-17, resulting in the growth of overall trade transaction by 13%, compared to the previous year.

Source: KoPT, Kolkata Maritime Stats











#BENGAL MEANS BUSINESS

LEADING GROWTH ENGINE OF INDIA



Highest producer of vegetables and paddy in the country

(Source: FPI&H Department, Government of West Bengal)



Third largest in terms of agricultural output in the country

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



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

(Source: Tea Board)



Leading in the country in terms of share of female-owned MSME enterprises; nearly one out of every four MSME enterprises owned by female in the country is located in West Bengal

(Source: Ministry of MSME Annual Report 2017-18)



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

(Source: IBEF)



With 8.6 million MSME units (14 % of MSME units in the country), West Bengal is the leading in terms of MSME enterprises in the country. More than 1.5 million MSME enterprises have been set up in the State in the last five years

(Source: Ministry of MSME)



Third largest in terms of road coverage with more than 3.15 lakh km of road network

(Source: MoRTH)

4X

Expenditure on physical infrastructure increased 4 times over 2010 – 11 to 2017-18

4.5X

State Plan Expenditure in Social Sector increased by 4.5 times over 2010 – 11 to 2017 -18

RAPIDLY IMPROVING GOVERNANCE – UNPARALLELED FINANCIAL MANAGEMENT



2.5X

State tax revenue more than doubled (2.5X) to US$ 7.73 billion in 2017 - 18 from 2010-11

2.2X

At current prices State GSDP in 2010 – 11 US$69 billion has more than doubled (2.2X) in 2017-18 to US$ 158 billion

7X

Credit Linkages to Self Help Groups (SHG's) has gone up more than 7 times over 2010-11 to US$ 601 million in 2017-18

5X

State plan expenditure increased by 5 times from over 2010-11 to US$ 8.53 billion in 2017-18



8.6X

Capital Expenditure in the State increased by 8.6 times over 2010 – 11 to US$ 2.82 billion in 2017 -18

7X

Expenditure in Agriculture and Agri – Allied Sector, registered an increase by 7 times over 2010-11 to 2017-18

LEADING INDUSTRIAL GROWTH
THROUGH MSME DEVELOPMENT

Leading in the country in terms of the number of MSME

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 **'myEnterprisewb' 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
- 381 MSME clusters in FY 17 have been taken up for development
- Highest bank credit flow to MSMEs of ~US$ 22.98 billion, in the last 6 years

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
- Major deep sea port at Bhor Sagar, coming up





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
- 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 1st 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



INFRASTRUCTURAL PROWESS



AIRPORTS

- 2 international airports: Kolkata and Bagdogra (connecting Paro and Bangkok), with Kolkata Airport being India's 5th busiest
- 1st private sector greenfield airport of India at Andal, West Bardhhaman
- 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 2nd 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 in the country



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.

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



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



PLUG-N-PLAY INFRASTRUCTURE AVAILABLE FOR INVESTMENTS

INDUSTRIAL INFRASTRUCTURE

Numerous growth centres and industrial parks, both industry specific and multiproduct

More than 200 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 Systémes

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)
- 11.41% state growth in industrial sector, as against national growth of 4.4% in 2017-18

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 FINACIAL & 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)

EMERGING SATELLITE IT HUB

- 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
- 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



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

- 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$ 3.86 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$ 0.16 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, IIEST, 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



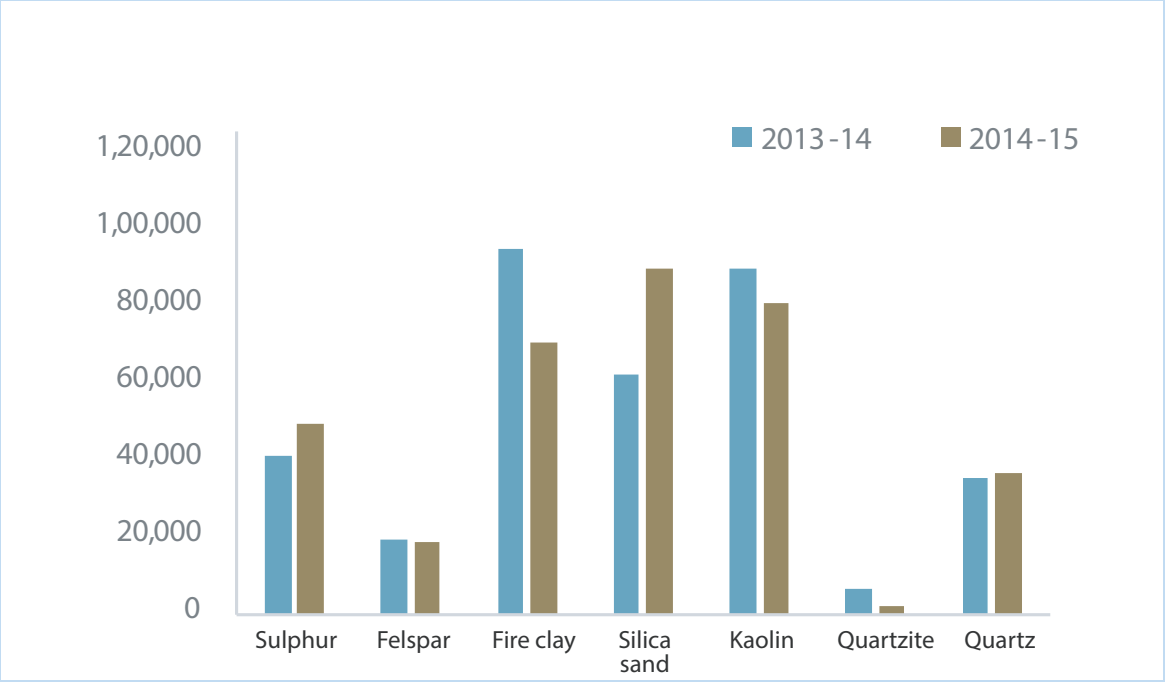
HIGHLIGHTS

- 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

Recognitions and Commendations received by the Government of West Bengal

1. E-Abgari received the National E-Governance Award in 2017-18
2. E-Taxation received the National E-Governance Award in 2014-15
3. Integrated Financial Management System has won CSI- Nihilent Award of Excellence in 2015
4. West Bengal received "KRISHI KARMAN AWARD' for 5 consecutive years for record production in pulse, total foodgrain, rice, coarse cereal and oil seeds.

1st in the Country:

1. First State of the country to integrate with e-KUBER of RBI
2. Only State to have inter-treasury transfers within the Government Exchequer
3. Ranks 1st in the country in terms of project expenditure, person-days generation in 100 days work.
4. Ranks 1st in rural housing with an investment of Rs.18361 crores since 2011-12.
5. First state to achieve 100% implementation of Business Reforms Action Plan 2017

INITIATIVES OF THE GOVERNMENT FOR IMPROVING THE EASE OF DOING BUSINESS

INITIATIVES OF THE GOVERNMENT FOR IMPROVING THE EAST OF DOING BUSINESS

- **In Ease of Doing Business West Bengal has scored 100% in compliance with BRAP18**
- **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 workerss 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



Industrial Parks



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

INVESTMENT OPPORTUNITIES



Urban Development



IT & ITES



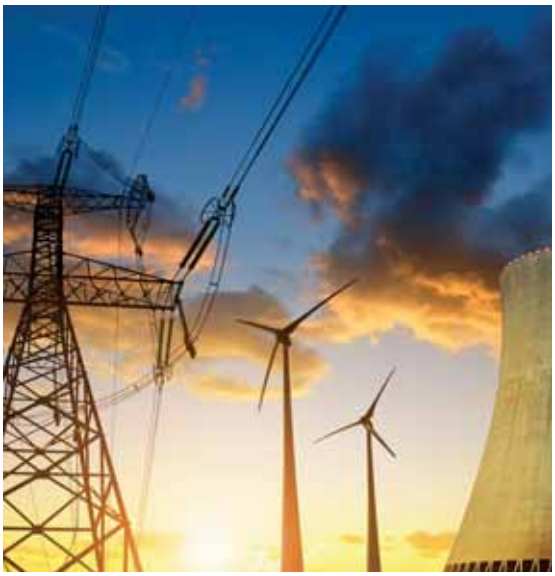
Agri-Business (Seeds & Fertilizers, Food Processing, Animal Resource Development, Fisheries)



Healthcare



Education



Energy

FOCUS SECTORS



Tourism (Hospitality &
Business of Entertainment)



Skills



Financial Services



Logistics & Transport Services

#BENGALMEANSBUSINESS

MSME



Casting



Forging



Leather



Jute



Gems & Jewellery



Apparel



Textile

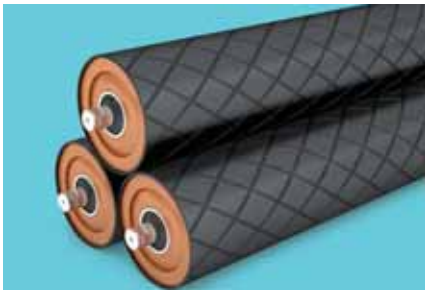


Handicraft

TRADITIONAL SECTORS



Chemicals



Rubber



Plastic



Light Engineering

EMERGING SECTORS



Maritime



City Gas

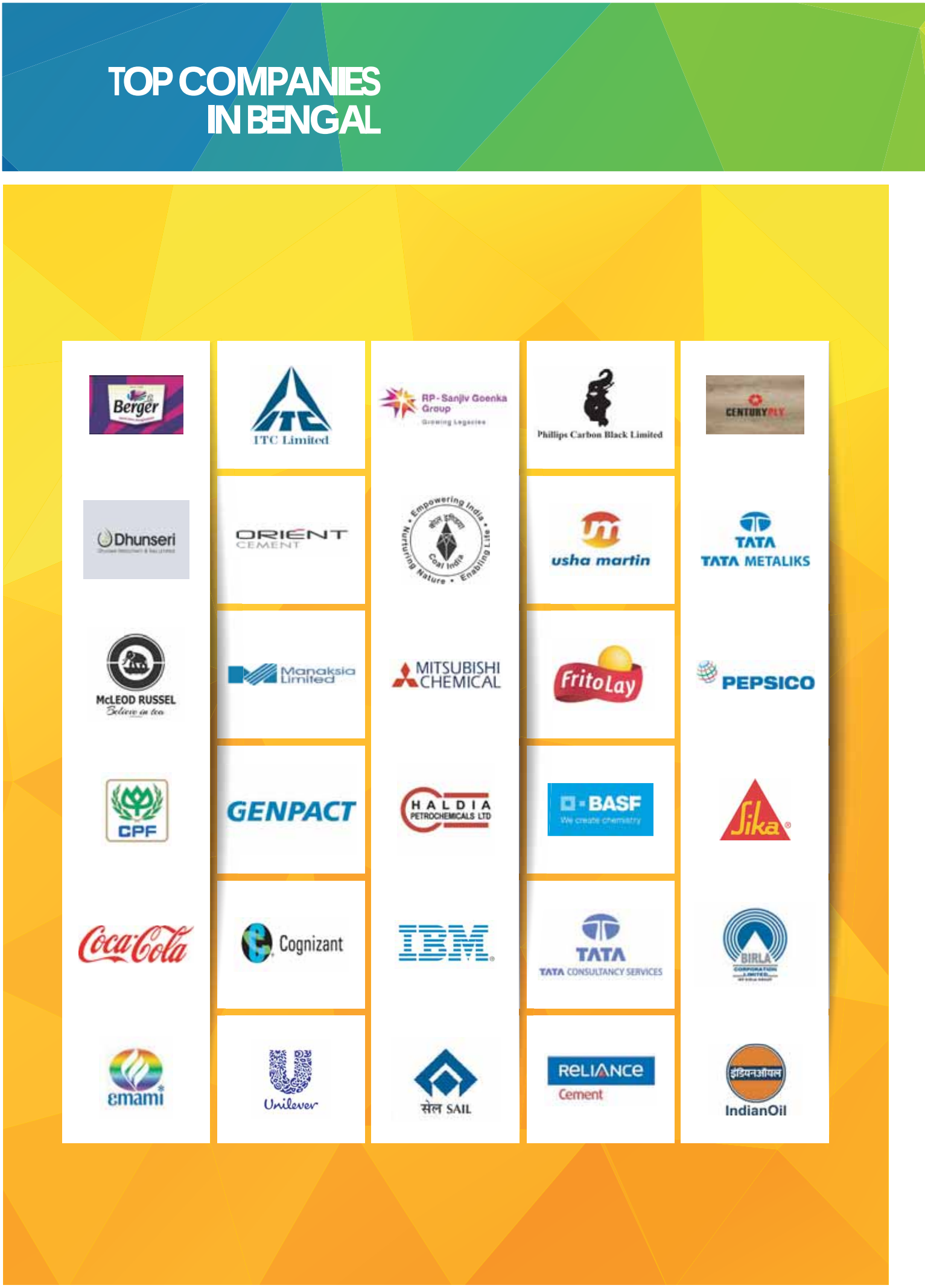


Renewable Energy



Mining

TOP COMPANIES IN BENGAL



TOP COMPANIES IN BENGAL

	Sector	Activity
PEPSICO	FOOD & BEVERAGE	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.
Unilever	CONSUMER GOODS	The transnational consumer goods company, leverages strongly, the growing consumer goods market in Bengal.
GENPACT	PROFESSIONAL SERVICES	Genpact's operations in Kolkata includes Business Analytics, Software Development, KPO, IT Helpdesk Support, with a more than 5,000 strong workforce.
accenture	PROFESSIONAL SERVICES	The global professional services company started its operations in Kolkata in 2011, and looks to ramp up operations in management & technology consultancy.
Cognizant	IT SERVICES	Cognizant has 3 large campuses, providing employment to 30,000 IT professionals.
BASF	CHEMICAL	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.
Sika	CHEMICAL	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.
MITSUBISHI CHEMICAL	CHEMICAL	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 Terepthalic Acid (PTA) business in India, MCC PTA India Corp Private Limited (MCPI), to Chatterjee Management Company.
IBM	IT SERVICES	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.
KraftHeinz	FOOD & BEVERAGE	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.
Frito Lay	FOOD & BEVERAGE	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.
Coca-Cola	FOOD & BEVERAGE	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.
Edelman	PUBLIC RELATIONS	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.
FedEx	PROFESSIONAL SERVICES	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.
Honeywell	Engineering and Consumer Goods	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



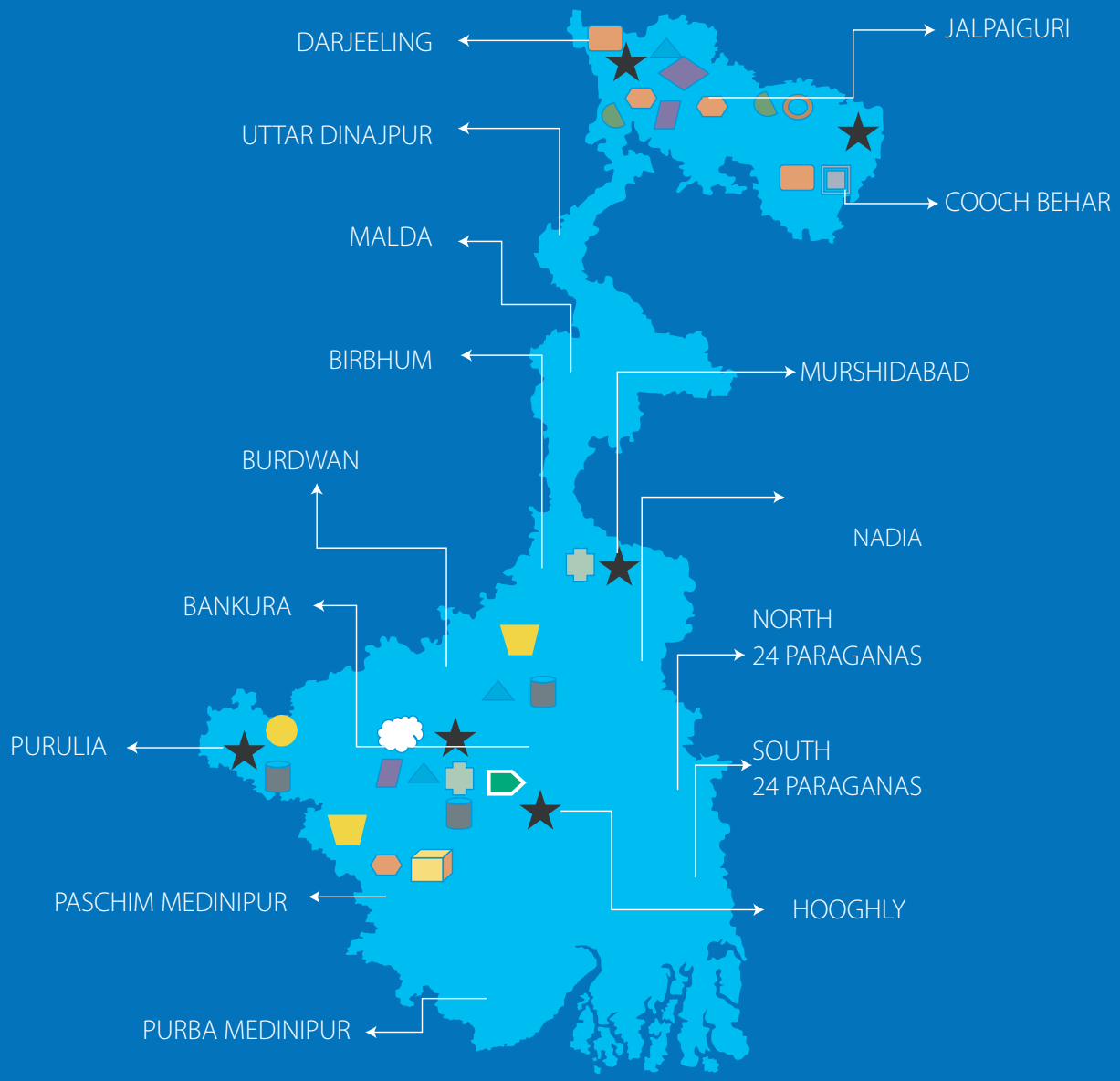
Source: Investment Environment & Opportunities in Food Processing, West Bengal, Ministry of Food Processing Industries, GoI

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





ANNEXURE II- AVAILABILITY OF MINERALS AND NATURAL RESERVES IN WEST BENGAL



Source: Maps of India



LEGEND

- Cement and Mortar
- Coal
- Copper
- Iron
- Lead and Silver
- Lignite
- Gold
- Kaolin
- Limestone
- Zinc
- Dolomite
- Fire Clay
- Manganese
- Quartz
- Silica
- Others

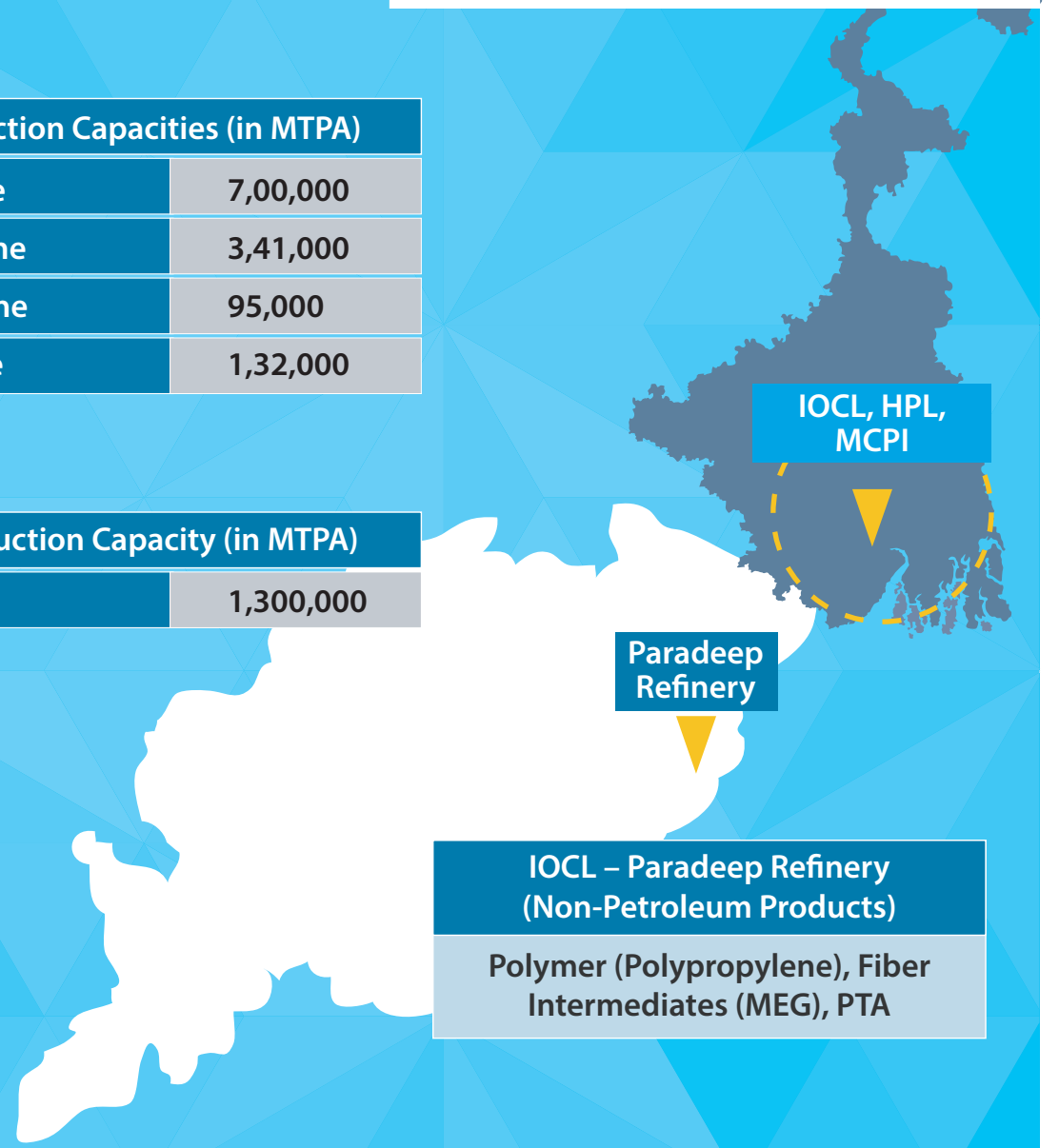


ANNEXURE III- CHEMICAL FEEDSTOCK AVAILABILITY IN AND AROUND WEST BENGAL

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

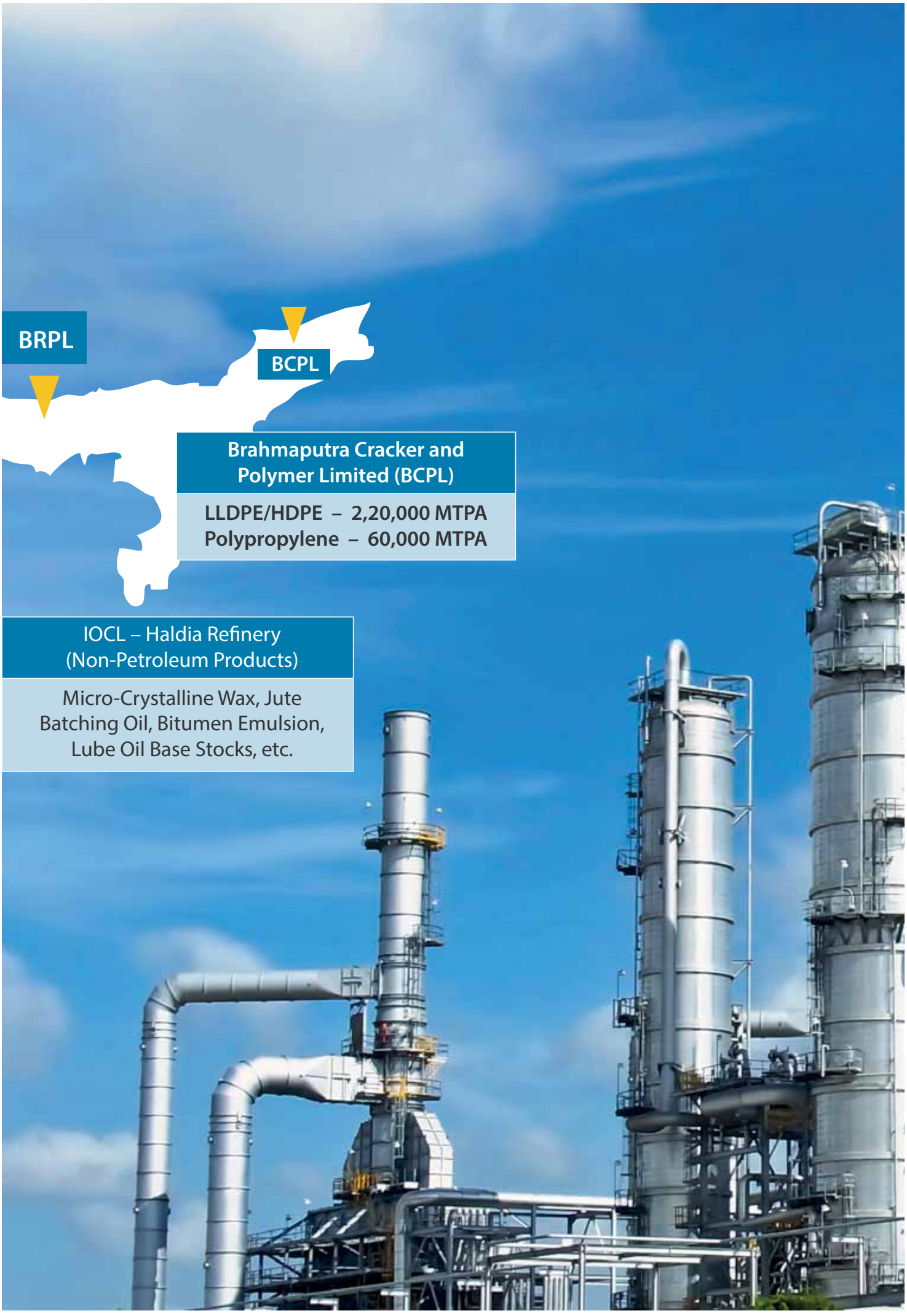


MCPI Production Capacity (in MTPA)	
PTA	1,300,000

IOCL – Paradeep Refinery (Non-Petroleum Products)

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

Source: Source: Company information: HPL, IOCPL



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

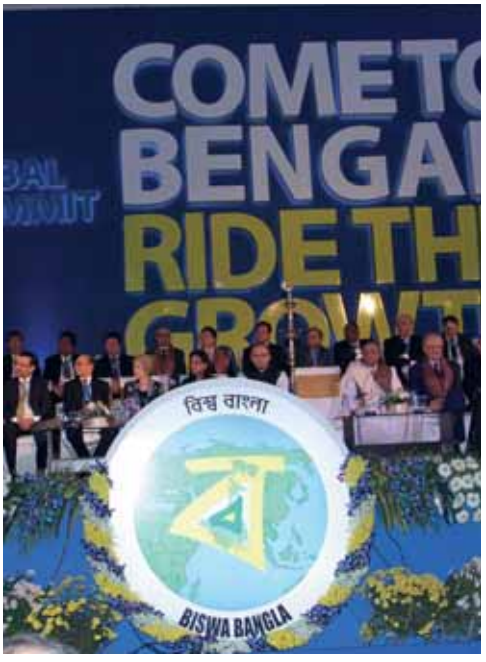
BGBS 2015, 2016, 2017 and 2018: 4 successful editions organised successfully by the Government of West Bengal

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 over **4000 Delegates from across India & 32 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 Selesia, 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







Key Highlights of BGBS 2018

- **2,19,925 crores** of business announcements, business document exchanges, expressions of interest and investment proposals were received at the Bengal Global Business Summit 2017
- **Focus Sectors:** Industrial infrastructure, Manufacturing clusters (Light engineering, Auto Ancillaries, Leather, Gems & Jewellery, Textile), Pharmaceuticals, Chemicals & Petrochemicals, Plastics, Rubber, Urban Development, Agro (Seeds and Fertilizers, Food Processing, Animal Resource Development, Fisheries), IT & ITES, Transport, Tourism, Power, Skill Development, Healthcare, Education
- Participation of over 4000 delegates from across India and 32 countries from Europe, America and Asia
- **Partner Countries:** Japan, Italy, Poland, Germany, Republic of Korea, Czech Republic, Great Britain, France and United Arab Emirates
- Deputy Foreign Minister from Poland, Vice Governor from Jianghsu province of China and Vice Governor from Jeollanam-do Province of Republic of Korea , officials of NRW Region, Germany , DG of JETRO graced the Summit with business delegates from their countries.

Major announcements/ investment proposals/ MoUs/ EOIs –

- Reliance Industries, JSW Group, Future Group, Hiranandani Group, Airtel, TCG, Essel Group, Amul, RP-Sanjiv Goenka Group, Ambuja Neotia Group, GEECL, Shriram Group, Emami Group, Shree Cement, ITC, The Kawasaki Rikuso Transportation Co. Ltd.
- MoU on Mining, Power and several other sectors signed between Government of West Bengal (Department of Power & NES) and Government of Poland (Silesian Region)
- Department of Power & NES and GIZ (Germany) towards an Energy Action Plan for West Bengal
- Jadavpur University signed 3 MoUs for collaboration in various fields with – Exeter University, Edinburgh University and Eotvos Lorand University
- Presidency University with Edinburgh University in the area of Higher Education& Life Sciences
- West Bengal Industrial Development Corporation with National Institute of Design for setting up State Design Center in Kolkata to open new frontiers in cutting edge technologies
- Department of IT & Electronics with DQ Entertainment for Animation Academy, with S.A.P. on Blockchain technology for Land Ledger, with Fujisoft for reskilling youth in the field of cloud computing, ubiquitous computing and emerging technologies
- Triburg, Impulse & SQNS International to set up apparel buying hub in Paridhan Garment Park 1/2 Notable Multi-National Companies including Dassault, Aramco, Dubai Multi Commodities Center, Samsung, Pepsi Co, Covestro expressed their business interests in Bengal.





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BENGAL GLOBAL BUSINESS SUMMIT

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