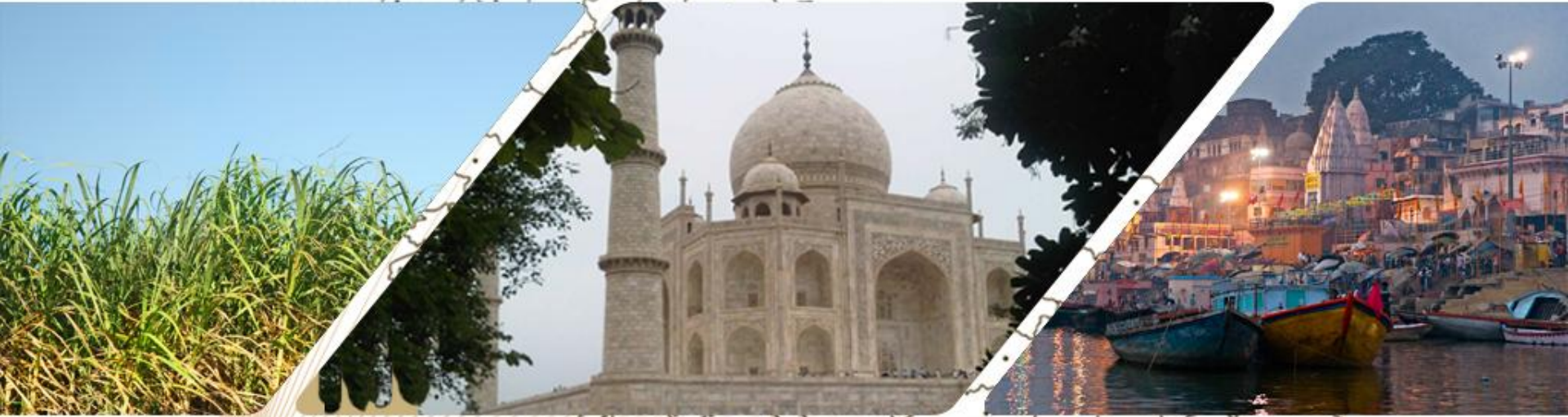


# Uttar Pradesh

A RAINBOW LAND

MARCH  
2013



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# Uttar Pradesh

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2013

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- ❖ Uttar Pradesh – An Introduction
- ❖ Infrastructure Status
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## Uttar Pradesh Factfile

- Noida, Ghaziabad, Allahabad, Kanpur, Meerut and Saharanpur are some of the key cities in the state.
- The state has three major seasons, viz., hot weather (March-June), rainy season (July-September) and cold weather (October-February).



Source: Maps of India

- Uttar Pradesh shares its border with Nepal in the North and the Indian states of Uttarakhand and Himachal Pradesh in the Northwest, Haryana, Delhi and Rajasthan in the West, Madhya Pradesh in the South, Chhattisgarh and Jharkhand in the Southeast and Bihar in the East.

- The most commonly spoken language of the state is Hindi. English and Urdu are the other languages used.

Parameters	Uttar Pradesh
Capital	Lucknow
Geographical area (sq km)	240,928
Administrative districts (No)	75
Population density (persons per sq km)*	828
Total population (million)*	199.5
Male population (million)*	104.6
Female population (million)*	94.9
Sex ratio (females per 1,000 males)*	908
Literacy rate (%)*	69.7

Sources: State Horticulture Mission Uttar Pradesh Website, <http://shm.up.nic.in>,  
\*Provisional Data – Census 2011

## Uttar Pradesh in Figures ... (1/2)

Parameter	Uttar Pradesh	All-States	Source
<b>Economy</b>			
GSDP as a percentage of all states' GSDP	8.7	100	CMIE, 2010-11, current prices
Average GSDP growth rate (%)*	14.7	15.9	CMIE, 2004-05 to 2010-11, current prices
Per capita GSDP (US\$)	655.0	1,324.3	CMIE, 2010-11, current prices
<b>Physical Infrastructure</b>			
Installed power capacity (MW)	13,944.9	211,766.2	Central Electricity Authority, as of January 2013
Wireless subscribers (No)	120,317,494 <sup>^</sup>	864,720,186	Telecom Regulatory Authority of India, as of December 2012
Broadband subscribers (No)	612,550	13,350,938	Ministry of Communications & Information Technology, as of December 2011
National Highway length (km)	7,818	76,818	Ministry of Road Transport & Highways, as of June 2012
Airports (No)	6	133	Airport Authority of India

\*Calculated in Indian Rupee Terms

<sup>^</sup>Includes Uttarakhand

## Uttar Pradesh in Figures ... (2/2)

Parameter	Uttar Pradesh	All-States	Source
<b>Social Indicators</b>			
Literacy rate (%)	69.7	74.0	Provisional Data – Census 2011
Birth rate (per 1,000 population)	27.8	21.8	SRS Bulletin ( <a href="http://www.censusindia.gov.in">www.censusindia.gov.in</a> ), 2012
<b>Investments</b>			
FDI equity inflows (US\$ billion)	0.3*	187.9	Department of Industrial Policy & Promotion, April 2000 to December 2012
Outstanding investments (US\$ billion)	448.4	11,318.3	CMIE (2011-12)
<b>Industrial Infrastructure</b>			
PPP projects (No)	22	881	<a href="http://www.pppindiadatabase.com">www.pppindiadatabase.com</a>
SEZ (No)	21	386	Notified as of January 2013, <a href="http://www.sezindia.nic.in">www.sezindia.nic.in</a>

PPP: Public Private Partnership, SEZ: Special Economic Zone, SRS: Sample Registration System,  
\*Including Uttarakhand

## Advantage Uttar Pradesh ... (1/2)

### Hub for IT and ITeS Industries

Uttar Pradesh has emerged as a key hub for IT and ITeS industries, including software, captive Business Process Outsourcing (BPO) and electronics. It is also a leading agricultural state in the country and is amongst the top producers of major agricultural items including wheat, rice and sugarcane.

### Policy and Fiscal Incentives

The state offers a wide range of subsidies, policy and fiscal incentives as well as assistance for businesses under the Industrial and Service Sector Investment Policy, 2004. Additionally, the state has well drafted sector-specific policies for IT, and biotech.

### Rich Labour Pool

The state has a large base of skilled labour, making it an ideal destination for knowledge-based sectors. The state also has a large pool of semi-skilled and un-skilled labour.

## Advantage Uttar Pradesh ... (2/2)

### Facilitating Infrastructure

The state has a well-developed social, physical and industrial infrastructure. It also has good connectivity via 43 National Highways, six airports and rail links to all major cities.

### High Infrastructural Growth

The state has witnessed high infrastructural growth in the past few years. There has been a considerable increase in the number of industrial clusters/hubs and public private partnerships in the infrastructural domain.

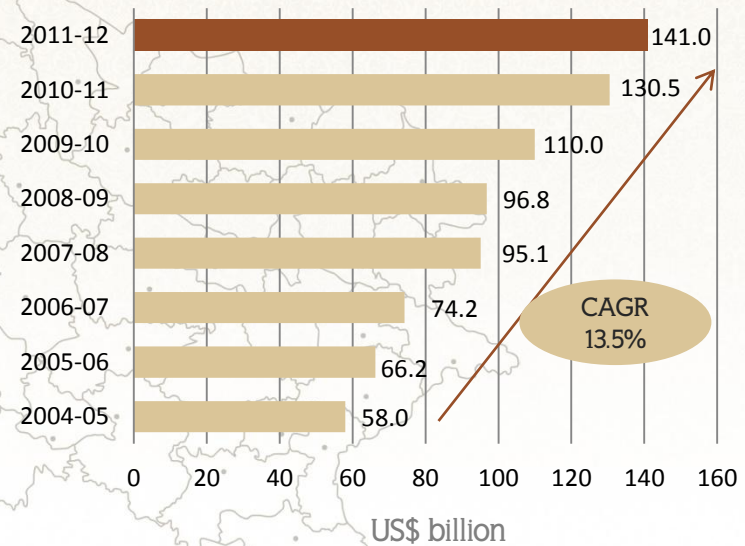
### Stable Political Environment

There is political stability with a single-party government. The State Government has been committed towards creating a rich business climate through several policies and incentives.

## Economic Snapshot – GSDP

- At current prices, the Gross State Domestic Product (GSDP) of Uttar Pradesh was US\$ 141 billion in 2011-12.
- The Compound Annual Growth Rate (CAGR) of GSDP from 2004-05 to 2011-12, was 13.5 per cent.

Uttar Pradesh's GSDP

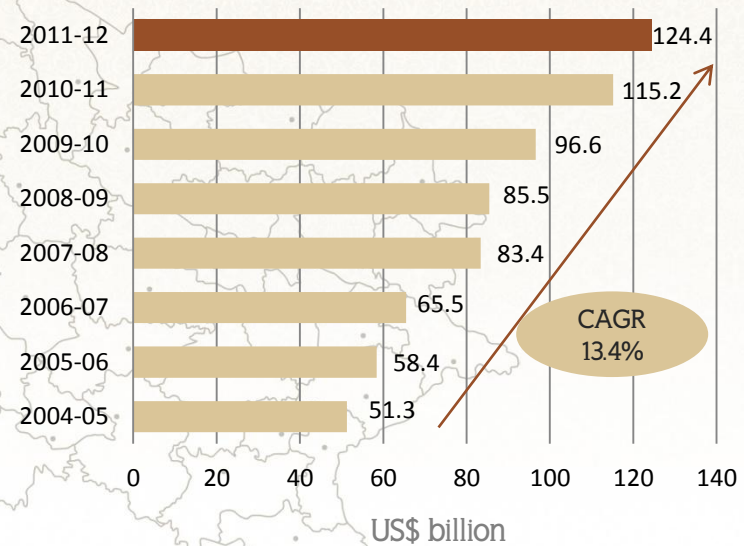


Source: CMIE

## Economic Snapshot – NSDP

- The Net State Domestic Product (NSDP) of Uttar Pradesh was US\$ 124.4 billion in 2011-12.
- The average annual NSDP growth rate was 13.4 per cent between 2004-05 and 2011-12.

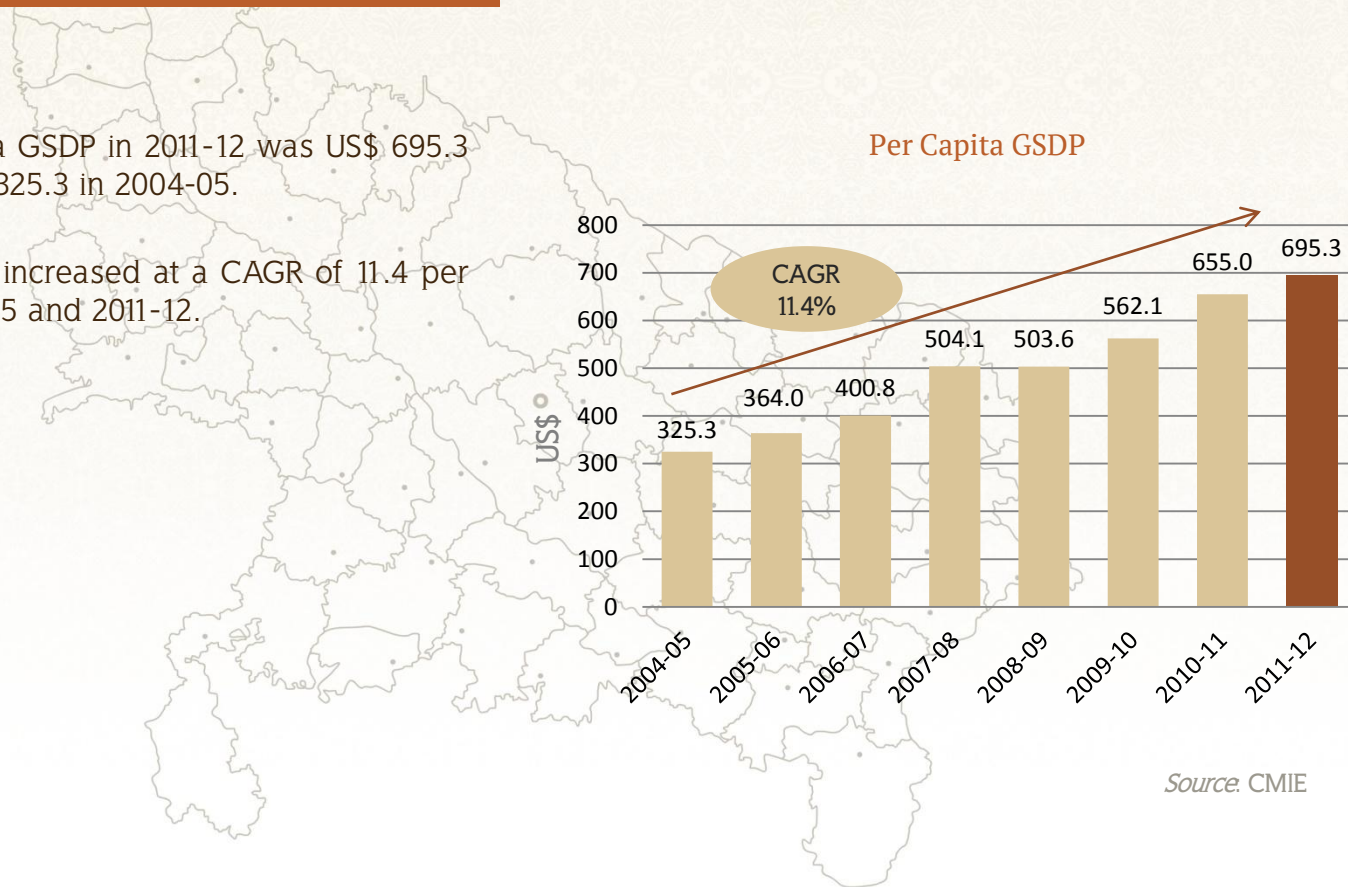
Uttar Pradesh's NSDP



Source: CMIE

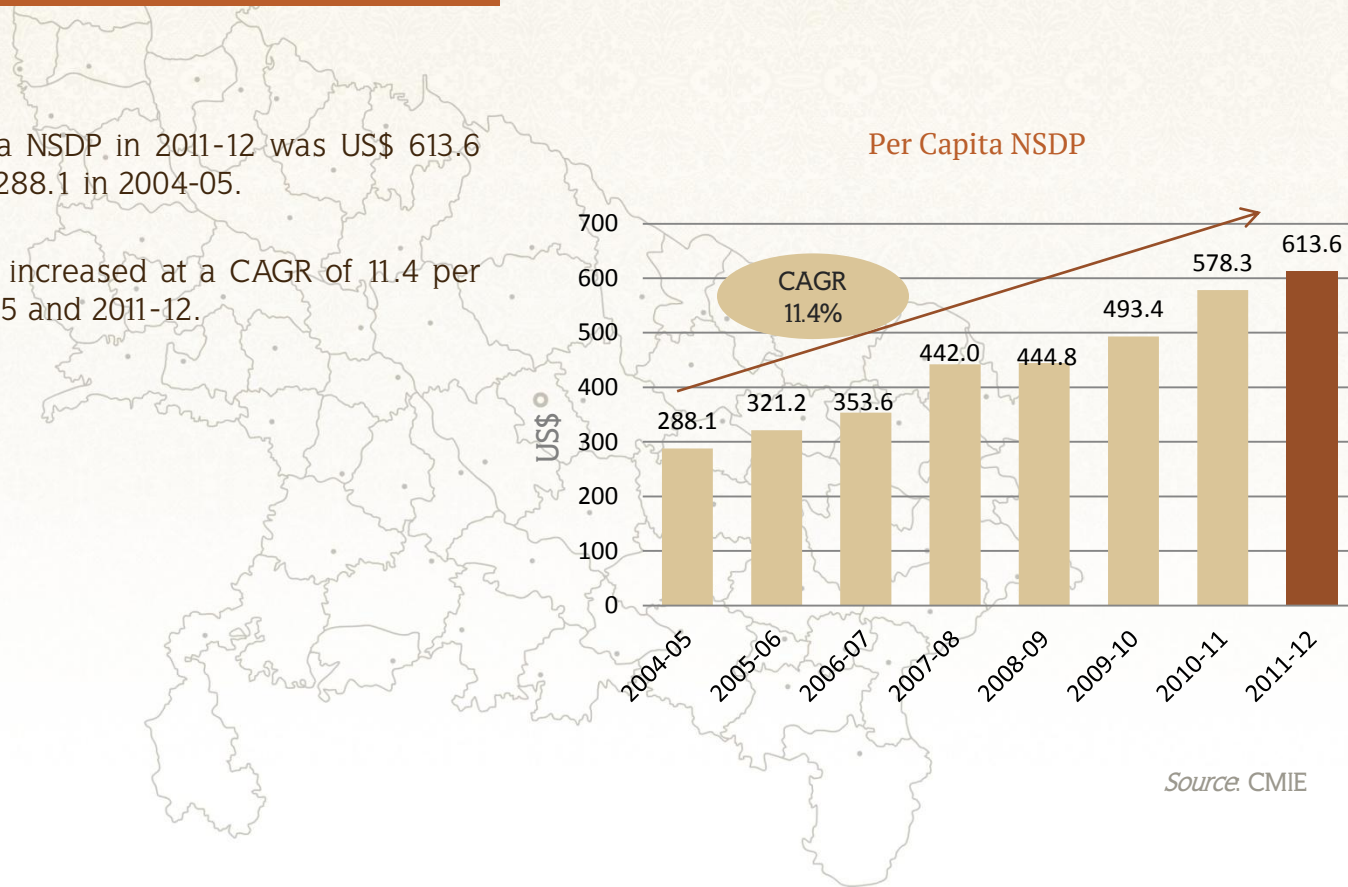
## Economic Snapshot – Per Capita GSDP

- The state's per capita GSDP in 2011-12 was US\$ 695.3 as compared to US\$ 325.3 in 2004-05.
- Per capita GSDP has increased at a CAGR of 11.4 per cent between 2004-05 and 2011-12.



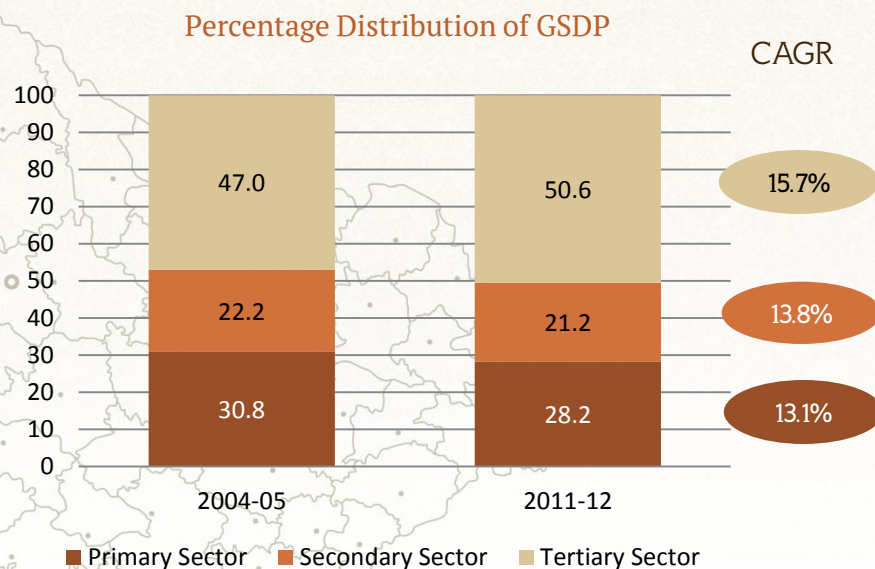
## Economic Snapshot – Per Capita NSDP

- The state's per capita NSDP in 2011-12 was US\$ 613.6 as compared to US\$ 288.1 in 2004-05.
- The per capita NSDP increased at a CAGR of 11.4 per cent between 2004-05 and 2011-12.



## Economic Snapshot – Percentage Distribution of GSDP

- In 2011-12, the tertiary sector contributed 50.6 per cent to the state's GSDP at current prices, followed by primary sector (28.2 per cent) and secondary sector (21.2 per cent).
- At a CAGR of 15.7 per cent, the tertiary sector has been the fastest growing among the three sectors from 2004-05 to 2011-12. The growth has been driven by trade, hotels, real estate, finance, insurance, transport, communications and other services.
- The secondary sector grew at a CAGR of 13.8 per cent between 2004-05 and 2011-12. It was driven by manufacturing, construction and electricity, gas & water supply.
- The primary sector grew at a CAGR of 13.1 per cent between 2004-05 and 2011-12.



Source: CMIE

## Economic Snapshot – Agricultural Production

- Uttar Pradesh ranks among the top states in terms of agricultural production in India.
- Uttar Pradesh is the largest producer of wheat in India. The state contributed around 32.0 per cent to the country's total wheat production in 2011-12.
- The state is also the largest producer of food grains and sugarcane. It contributed 19.5 per cent to the country's total food grains production and 36.0 per cent to the country's total sugarcane production in 2011-12.
- The major food grains produced in the state include rice, wheat, maize, *bajra* (millet), gram, pea and lentils.
- In 2010-11, mango production in state was around 3.62 million tonnes.

Crop	Annual Production in 2011-12 (million tonnes)
Sugarcane	128.81
Wheat	30.29
Potato	13.57*
Rice	14.02
Mango	3.62*
Bajra (millet)	1.39**
Maize	1.04**
Rape seed and Mustard	0.68**
Total Pulses	2.42
Total Oilseeds	0.93
Total Food Grains	50.29

Sources: Department of Agriculture and Cooperation, Government of India, Indian Horticulture Database – 2011, National Horticulture Board, Reserve Bank of India

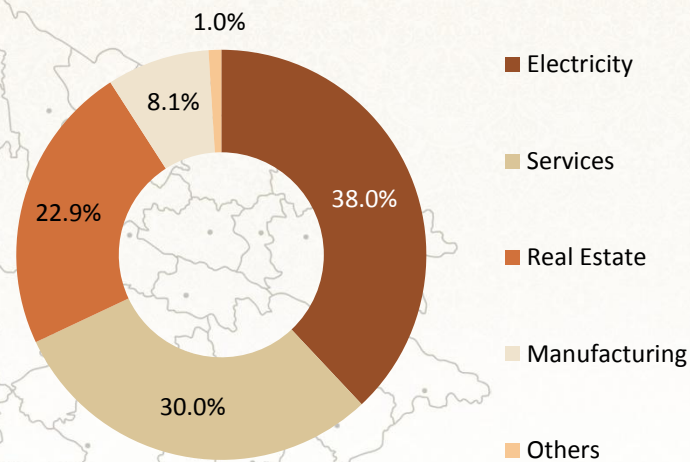
\*In 2010-11

\*\*In 2009-10

## Economic Snapshot – FDI Inflows & Investments

- According to the Department of Industrial Policy & Promotion (DIPP), the cumulative FDI inflows from April 2000 to December 2012 amounted to US\$ 340 million\*.
- In 2011-12, the outstanding investments in the state were US\$ 448.4 billion.
- Of the total outstanding investments, the electricity sector accounted for around 38.0 per cent followed by services sector at 30.0 per cent and real estate sector at 22.9 per cent.

Break up of Outstanding Investments by Sector (2011-12)



\*Including Uttarakhand

Others include irrigation and mining

Source: CMIE

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## Physical Infrastructure – Roads



Source: Maps of India

- The state is well connected to its nine neighbouring states and other parts of India through 48 National Highways.
- The National Highways running through the state, accounts for about 10.2 per cent of the total National Highway (NH) network in India.

- The Uttar Pradesh State Road Transport Corporation (UPSRTC) was established in 1972 to provide an economical, reliable and comfortable transport in the state of Uttar Pradesh with connecting services to adjoining states.
- The corporation has a fleet size of around 7,668 buses, operating over 2.5 million kilometers, catering to the travel needs of over 1.3 million people and earning a revenue of over US\$ 0.8 million per day.
- Yamuna Expressway is a 6-lane (extendable to 8 lanes), 165 km long, controlled-access expressway, connecting Greater Noida with Agra.

Road Type	Road Length (km) as of June 2012
National Highways	7,818
State Highways*	7,941
Other District Roads*	169,153
Rural Roads*	86,827
<b>Total Road Length*</b>	<b>390,256</b>

Sources: Ministry of Road Transport & Highways,  
Directorate of Economics & Statistics, Government of Uttar Pradesh  
\*As of March 2011

## Physical Infrastructure – Railways



- The railway network in Uttar Pradesh is the largest in the country.
- The state is well-connected to other parts of the country by a railway network spanning over 8,763 km.
- The major sectors and industries serviced by the railways include agriculture, cement, fertiliser, coal and manufacturing.
- Various parts of the state are catered to by five of the 17 railway zones in India. These are Northern Railways, North Eastern Railways, East Central Railways, North Central Railways and West Central Railways.
- Lucknow is the main junction for the Northern and North Eastern Railways.
- Intra-state rail network is well-developed, connecting the towns and the district headquarters of Uttar Pradesh.
- The Delhi Metro Rail links Noida and Ghaziabad with Delhi.

Source: Indian Railways

## Physical Infrastructure – Airports



→ The state has six domestic airports, located at Agra, Allahabad, Gorakhpur, Kanpur, Lucknow and Varanasi.

→ International flights operate from Chaudhary Charan Singh International Airport, Lucknow and Lal Bahadur Shastri Airport, Varanasi.

→ Lucknow Airport received 823,570 passengers and Varanasi airport received 263,937 passengers during 2012-13 (April-August).

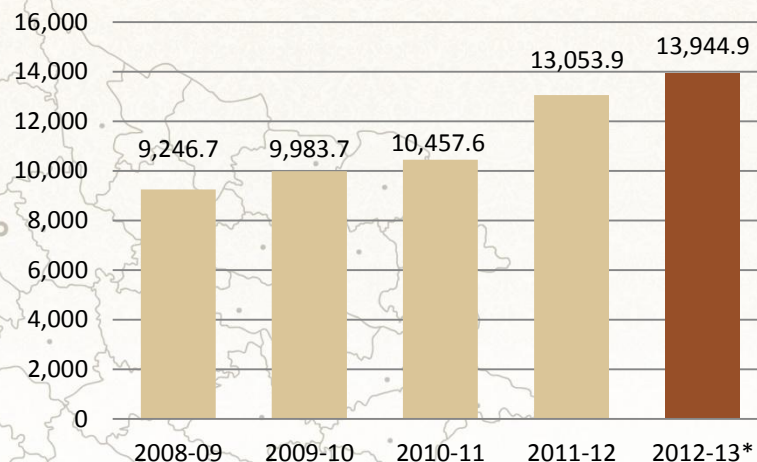
→ New airports have been proposed at Shrawasti and Kushinagar districts.

→ The Government of Uttar Pradesh is planning to develop a new international airport between Agra and Mathura.

## Physical Infrastructure – Power ... (1/2)

- As of January 2013, the state had a total power generation installed capacity of 13,944.99 MW which consisted of 5,222.20 MW of state share, 4,932.91 MW of central share and 3,789.88 MW of private share.
- The power generation installed capacity in the state has increased from 9,246.70 MW in 2008-09 to 13,944.99 MW in 2012-13\*.
- The state is in the process of implementing and testing the public private partnership model in the power sector with an input-based franchisee system.
- In 2009-10, the state had 11,418,617 power consumers.

Installed Power Capacity (MW)



Source: Central Electricity Authority  
\*As of January 2013

## Physical Infrastructure – Power ... (2/2)

- In 2012-13 budget, the State Government has proposed US\$ 1.7 billion for various energy schemes.
- Out of the total amount, a sum of US\$ 715.3 million has been proposed for power generation and distribution schemes.

State-owned Power Companies	
Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL)	Power Generation (Thermal)
Uttar Pradesh Jal Vidyut Nigam Limited (UPJVNL)	Power Generation (Hydro)
Uttar Pradesh Power Corporation Limited (UPPCL)	Power Transmission
Paschimanchal Vidyut Vitran Nigam Limited (PVVNL)	Power Distribution
Purvanchal Vidyut Vitran Nigam Limited (PuVVNL)	Power Distribution
Madhyanchal Vidyut Vitran Nigam Limited (MVVNL)	Power Distribution
Dakshinanchal Vidyut Vitran Nigam Limited (DVVNL)	Power Distribution

## Physical Infrastructure – Telecom

- The Uttar Pradesh circle has good telecom infrastructure with all the major players providing services in the state.
- According to Telecom Regulatory Authority of India (TRAI), Uttar Pradesh had nearly 120.3 million<sup>#</sup> wireless subscribers and 1.8 million<sup>#</sup> wire-line subscribers with teledensity of 56.2 per cent<sup>#</sup>, as of December 2012.
- The state has vast postal circle, divided into six regions namely Allahabad, Agra, Bareilly, Gorakhpur, Kanpur and Lucknow. The state has about 17,616 post offices.
- Uttar Pradesh had 3,213<sup>#</sup> telephone exchanges as of December 2011.

### Telecom Infrastructure (December 2012)

Wireless Connections <sup>#</sup>	120,317,494
Wire-line Connections <sup>#</sup>	1,832,727
Broadband Subscribers	612,550*
Post Offices	17,616**
Telephone Exchanges <sup>#</sup>	3,213*
Teledensity (in per cent) <sup>#</sup>	56.2

*Sources:* Telecom Regulatory Authority of India, Department of Telecommunications, Annual Report 2011-12, Ministry of Communications and Information Technology, India Post (<http://www.indiapost.gov.in>),  
<sup>#</sup>Includes Uttarakhand  
 \*As of December 2011,  
 \*\*As of January 2013

### Some of the Major Telecom Operators in Uttar Pradesh

Bharat Sanchar Nigam Limited (BSNL)

Bharti Airtel

Idea Cellular

Vodafone Essar

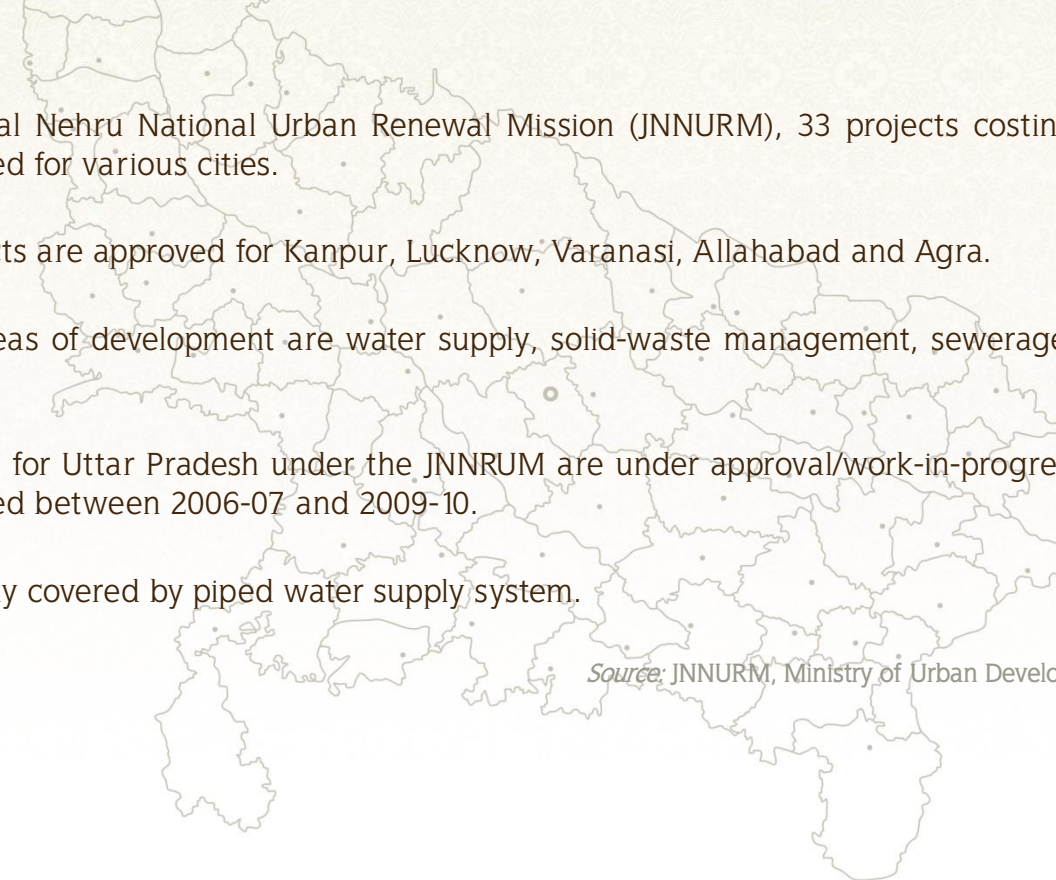
Aircel Ltd

Reliance Communications

Tata Teleservices

*Source:* Telecom Regulatory Authority of India

## Development Projects: Urban Infrastructure

- 
- Under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM), 33 projects costing US\$ 1,217.8 million have been sanctioned for various cities.
  - Most of these projects are approved for Kanpur, Lucknow, Varanasi, Allahabad and Agra.
  - Some of the key areas of development are water supply, solid-waste management, sewerage and drainage/storm water.
  - Most of the projects for Uttar Pradesh under the JNNURM are under approval/work-in-progress stage; the projects have been sanctioned between 2006-07 and 2009-10.
  - All the cities are fully covered by piped water supply system.

*Source:* JNNURM, Ministry of Urban Development, Government of India

## Development Projects: Key Public Private Partnership Projects

Project Name	Sector	PPP Type	Project Cost (US\$ million)	Stage
Moradabad-Bareilly	Roads	BOT-Toll	413.7	Construction
Ghaziabad-Aligarh Road Project	Roads	BOT-Toll	238.0	Construction
Bareilly-Sitapur	Roads	BOT-Toll	407.0	Construction
Muzaffarnagar-Haridwar	Roads	BOT-Toll	229.5	Construction
Gorakhpur Bypass Project on NH-28	Roads	BOT-Annuity	135.4	Construction
Gwalior-Jhansi Road Project	Roads	BOT-Annuity	150.0	Construction
Bara to Orai	Roads	BOT-Annuity	131.3	Construction
Road Stretch (50 km) between Jhansi-Lalitpur on NH-25/26	Roads	BOT-Annuity	91.7	Construction
Merrut-Muzzaffarnagar Toll Project on NH-58	Roads	BOT-Toll	139.3	Construction
Lucknow-Sitapur Road	Roads	BOT-Toll	67.1	Construction
Jhansi-Lalitpur	Roads	BOT-Annuity	68.0	Construction
Agra to Bharatpur on NH-11	Roads	BOT-Toll	40.6	Under operation

Source: pppindiadatabase.com  
BOT: Build-Own-Transfer

## Development Projects: SEZs ... (1/2)

### Operational SEZs in Uttar Pradesh

Name/Developer	Area	Primary Industry
Noida Special Economic Zone	Noida	Multi-Product
HCL Technologies	Noida	IT/ITeS
Moser Baer SEZ	Greater Noida	Non-Conventional Energy
Wipro Limited	Greater Noida	IT/ITeS
Moradabad Special Economic Zone	Moradabad	Handicrafts
Seaview Developers Limited	Noida	IT/ITeS

Source: sezindia.nic.in

## Development Projects: SEZs ... (2/2)

### Some of the Notified SEZs in Uttar Pradesh

Name/Developer	Area	Primary Industry
Ansal IT City and Parks	Greater Noida	IT/ITeS
OSE Infrastructure Limited	Noida	IT/ITeS
NIIT Technologies Limited SEZ	Greater Noida	IT/ITeS
Unitech Infracon Limited	Noida	IT/ITeS
Aachvis Softech Private Limited	Noida	IT/ITeS
Perfect IT SEZ Private Limited	Noida	IT/ITeS
Unitech Hi-Tech Projects Private Limited	Noida	IT/ITeS
Gallant Infrastructure Private Limited	Greater Noida	IT/ITeS
Jubilant Infracon Private Limited	Noida	IT/ITeS
Sarv Mangal Realtech Private Limited	Noida	Electronic Hardware and Software
IVR Prime IT SEZ Private Limited	Noida	IT/ITeS
Golden Tower Infratech Private Limited	Noida	IT/ITeS

Source: sezindia.nic.in

## Social Infrastructure – Education ... (1/2)

- The state has 44 universities, 10 deemed universities and 27 medical colleges .
- In 2010-11, there were 3,859 colleges in the state.
- A number of universities in the state have excellent departments of engineering. The Banaras Hindu University at Banaras, founded in 1916, is one of the oldest universities in the country.
- Ranked amongst the first few states to have successfully implemented “education for all” policy, the state has made investments towards enhancing the standard of education across different levels.
- The state has good presence of private players in the education sector. Amity University in Noida has emerged as one of the biggest private universities in India.

### Educational Infrastructure (as of 2010-11)

Universities	55*
Colleges	3,859
Medical Colleges	27^
Polytechnics	425*
Primary Schools	143,623
Upper Primary Schools	57,822

Sources: University Grants Commission, Medical Council of India, State Elementary Education Report Card – 2010-11, All India Council for Technical Education

\*As of 2011-12

^As of October 2012

## Social Infrastructure – Education ... (2/2)

→ Uttar Pradesh has a literacy rate of 69.7 per cent according to the provisional data of Census 2011; the male literacy rate is 79.2 per cent and the female literacy rate is 59.3 per cent.

→ Major educational institutes in Uttar Pradesh are:

- Indian Institute of Technology, Kanpur
- Indian Institute of Management, Lucknow
- Institute of Management and Technology, Ghaziabad
- Motilal Nehru National Institute of Technology, Allahabad
- Asian Academy of Film and Television, Noida
- Indian Veterinary Research Institute, Izatnagar

Category	Literacy Rate (%)
Total	69.7
Male	79.2
Female	59.3

Source: Census 2011 (provisional data)

## Social Infrastructure – Health

- The state has a three-tier public healthcare infrastructure, comprising Primary Health Centres (PHCs), Health Units, Community Health Centres (CHCs) and Sub-Centres.
- The state consist of 20,521 Sub centres, 3,692 PHCs, 515 CHCs, 72 District Hospitals and 133 Mobile Medical Units (MMU) to provide a range of preventive and curative health services to the public.

Health Infrastructure as of March 2011	
Medical Colleges*	27
District Hospitals	72
Primary Health Centres	3,692
Community Health Centres	515
Ayurvedic Hospitals**	1,774
Unani Hospitals**	210

Sources: Ministry of Health and Family Welfare, Medical Council of India, Department of AYUSH, Government of India  
\*As of October 2012  
\*\*As of August 2011

- The per capita expenditure on health in the state is around US\$ 20.31.

Health Indicators (2011)	
Parameter	Uttar Pradesh
Government Hospital Beds Per 100,000 Population	18^
Birth Rate*	27.8
Death Rate*	7.9
Infant Mortality Rate**	57
Life Expectancy at Birth (year)	
Male (2002-06)	60.3
Female (2002-06)	59.5

Sources: Press Information Bureau, Government of India, Sample Registration System (SRS) Bulletin 2012 (www.censusindia.gov.in)  
\*Per thousand persons  
\*\*Per thousand live births  
^As of 2008

## Cultural Infrastructure

- Cricket and hockey are the prominent sports in the state. The state has a number of sports stadiums and clubs in Noida, Lucknow, Kanpur, Allahabad and Agra. Every district has sports infrastructure, which includes sports stadiums, multi-purpose halls, swimming pools, etc.
- The Department of Sports of Government of Uttar Pradesh has 56 stadiums, 49 multi-purpose halls and 26 swimming pools. Another 10 stadiums, 17 multi-purpose halls and six swimming pools are under construction.
- The state also has District Sports Promotion Committees for improving the existing sports infrastructure.
- Taj Mahal and Fatehpur Sikri in Agra, Bada Imambara in Lucknow and Kumbh Mela in Allahabd are the major tourist attractions. Other places of interest include Varanasi, Mathura and Sarnath.

*Sources:* Department of Sports, Government of Uttar Pradesh

## Industrial Infrastructure ... (1/2)

- The state has a robust industrial infrastructure, including 15 industrial areas, 12 specialised parks, four growth centres and Industrial Infrastructure Development Centres (IIDC). The state has 21 notified Special Economic Zones (SEZs), as of January 2013.
- The state has proposed 40 IT/ITeS parks (apart from IT SEZs), two biotech zones and a knowledge park. Development of integrated agro/food processing zones has been proposed at Hapur, about 54 km from Delhi.
- Integrated logistics hubs (free-trade warehousing zones) have been proposed in collaboration between IL&FS, Mineral and Mining Trading Corporation and Mitsui (Japan).
- The Greater Noida Phase-II has 19.0 per cent land reserved for industrial use.
- An “IT City” is proposed to be built on about 100 acres of government land at Gajaria farms on Sultanpur Road in Lucknow. The state government has given approval for the city in April 2012.
- Uttar Pradesh is the biggest beneficiary of eastern Dedicated Freight Corridor project with the share of 57.0 per cent in the total length of 1,839 km.

## Industrial Infrastructure ... (2/2)

### Industrial Parks

Infrastructure (Type)	Location	Area (Acres)
Growth Centres	Bijoli, Jhansi	385
Growth Centres	Shajahanpur	311
Growth Centres	Dibiyapur	246
Growth Centres	Jainpur	331
Agro Parks	Barabanki	180
Agro Parks	Varanasi	261
Apparel Parks	Tronica City	145
Textile and Hosiery Parks	Kanpur	174
Leather Technology Parks	Banthal, Unnao	233
Export Promotion Industrial Parks	Greater Noida	200
Export Promotion Industrial Parks	Shastripuram, Agra	102
Software Technology Parks of India (STPI)	13,000 sq ft, of which 9,296 sq ft of area is being utilised by 15 units. The park is fully operational.	

Sources: UP State Industrial Development Corporation, www.upsidc.com, ENVIS Centre: Uttar Pradesh

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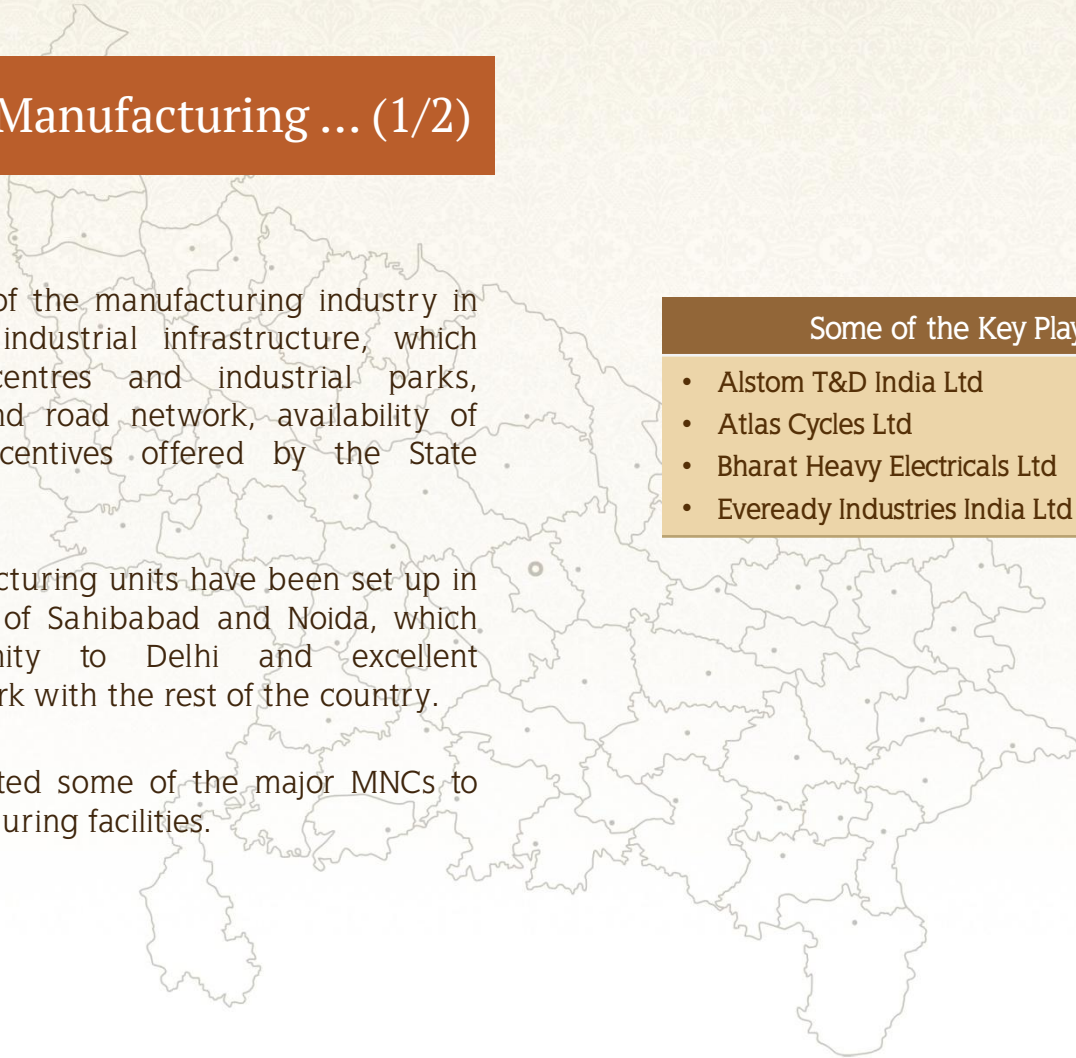
## Key Industries

- 
- The resources, policy incentives, infrastructure and climate in the state are ideally suited for investments in sectors, such as IT, agro-based and food processing, light engineering goods, sports goods, textiles, leather-based, tourism and biotechnology.
  - The Uttar Pradesh State Industrial Development Corporation (UPSIDC) and the Department of Infrastructure and Industrial Development are responsible for the development of industrial infrastructure in the state.
  - The State Government has set up the “Udyog Bandhu” to facilitate investment in industrial and service sectors. The organisation has a three-tier structure with its presence at district, divisional and state levels.
  - The Government of Uttar Pradesh is promoting the development of several Special Economic Zones (SEZ) across the state, such as IT and ITeS, electronic hardware and software, handicrafts and agro-based industries.

### Key Industries in Uttar Pradesh

- IT
- Agro Processing
- Tourism
- Mineral-based Industries
- Textiles
- Handloom and Handicrafts
- Food Processing
- Leather-based Industry
- Sports Goods

## Key Industries – Manufacturing ... (1/2)

- 
- The driving factors of the manufacturing industry in Uttar Pradesh are industrial infrastructure, which includes growth centres and industrial parks, extensive railway and road network, availability of work force and incentives offered by the State Government.
  - A number of manufacturing units have been set up in the industrial areas of Sahibabad and Noida, which enjoys the proximity to Delhi and excellent transportation network with the rest of the country.
  - The state has attracted some of the major MNCs to set-up their manufacturing facilities.

### Some of the Key Players

- Alstom T&D India Ltd
- Atlas Cycles Ltd
- Bharat Heavy Electricals Ltd
- Eveready Industries India Ltd

## Key Industries – Manufacturing ... (2/2)

### Alstom T&D India Ltd



- With a 100 years of presence in India, Alstom T&D India (formerly Areva T&D India Ltd) is a leading player in the power transmission business with a product portfolio ranging from medium voltage to extra high voltage (765 kV) for the utility, industry and infrastructure markets.
- The company employs over 3,500 people and has eight manufacturing units. The company has a predominant presence in all stages of the power supply chain, with a wide range of products that include power transformers, circuit breakers, gas insulated switchgears, instrument transformers, protection relays and power system automation equipments. The company has corporate office in Noida.

### Atlas Cycles Ltd



- Atlas Cycles, established in 1951, is one of the leading bicycle manufacturers in the country. It manufactures bicycles of all kinds, from those for children to mountain bikes, suspension bikes, city bikes and sports bikes. The company also exports bicycles to several countries in North America, Central and South America and Africa. It had revenues of US\$ 183.13 million in 2011-12. The company has a manufacturing unit in Sahibabad, which also houses a modern paint application unit.

### Bharat Heavy Electricals Ltd



- Incorporated in 1964, Bharat Heavy Electricals Limited (BHEL) is a Central Government undertaking. It is the largest engineering and manufacturing enterprise in India in the power and industrial machinery segment. The company had revenues of around US\$ 10.4 billion in 2011-12. BHEL manufactures power transformers and insulators at its plants in Uttar Pradesh, at Jagdishpur and Jhansi.

### Eveready Industries India Ltd



- Eveready is one of the country's leading producers of batteries (carbon zinc, alkaline and rechargeable). It also produces compact fluorescent lamps and packet tea. It had revenues of US\$ 239.5 million in 2011-12. The company has manufacturing units in Lucknow and Noida in Uttar Pradesh.

## Key Industries – Consumer Goods ... (1/2)

- The key incentives for consumer goods companies to set up manufacturing unit in the state are access to large consumer markets and proximity to raw material sources.
- The consumer goods companies that have their manufacturing facilities in the state are Dabur, ITC and Godfrey Phillips India.
- The facilities in the state produces products like: personal care, food products, health care, cigarettes, apparel, home care etc.

### Key Players

- Dabur India Ltd
- ITC Ltd
- Godfrey Phillips India

## Key Industries – Consumer Goods ... (2/2)

### Dabur India Ltd



- Dabur is one of the country's largest consumer goods companies. The company produces a variety of products, ranging from personal care to food, health care and home care. Dabur had revenues of US\$ 1,102 million in 2011-12.
- The company has manufacturing facilities across the country, including one plant in Sahibabad, where it produces food and personal care products.

### ITC Ltd



- ITC is one of India's foremost consumer goods companies, and is truly diversified with a product assortment ranging from cigarettes, apparel, personal-care products, and food products. The company is also one of the leading hoteliers in the country and is involved in agri-business. It had revenues of over US\$ 7.6 billion in 2011-12.
- ITC has a manufacturing unit in Saharanpur, where it produces cigarettes and smoking tobacco.

### Godfrey Phillips India



- The company is a significant player in the Indian tobacco industry and manufactures well established brands such as Red and White, Marlboro, Cavanders, Tipper, and Four Square. Godfrey Phillips had revenues of US\$ 698.6 million in 2011-12.
- The company has manufacturing facilities in Ghaziabad.

## Key Industries – Electronics ... (1/2)

- A number of major multinational companies such as LG Electronics, Samsung and Xerox have their operations in the state.
- The major incentives for the companies are industrial infrastructure and access to consumer markets of Uttar Pradesh and National Capital Region.
- Majority of the companies are located in Noida and Ghaziabad.
- U.P. Electronics Corporation Limited is established in the state to promote and develop information technology and electronics industries in the state.
- Noida has become a hub for semiconductor design industry with many major players having their offices and Research & Development (R&D) centres. Global MNCs such as Freescale, Mentor Graphics and Interra Systems have got their setups in Noida.

### Some of the Key Players

- Bharat Electronics Ltd (BEL)
- LG Electronics India
- Mirc Electronics Ltd
- Moserbaer

## Key Industries – Electronics ... (2/2)

### Bharat Electronics Ltd (BEL)



- Bharat Electronics Limited, a multi-product, multi-unit, multi-technology company was incorporated in 1954. BEL had revenues of about US\$ 1.18 billion in 2011-12. The products manufactured by BEL are mainly categorised as defence, non-defence products and services.
- Its manufacturing plants are located in different parts of the country, with a unit in Ghaziabad, which manufactures radars, antennae, microwave components and defence equipment.

### LG Electronics India



- LG is one of the leading consumer electronics companies. The company has a turnover of US\$ 2.38 billion in 2011. Its Indian subsidiary was set up in 1997 and has manufacturing facilities in Noida and Pune.
- The Noida manufacturing unit was set up in 1998 and produces televisions, washing machines, air conditioners, refrigerators, personal computer monitors and microwave ovens.

### Mirc Electronics Ltd



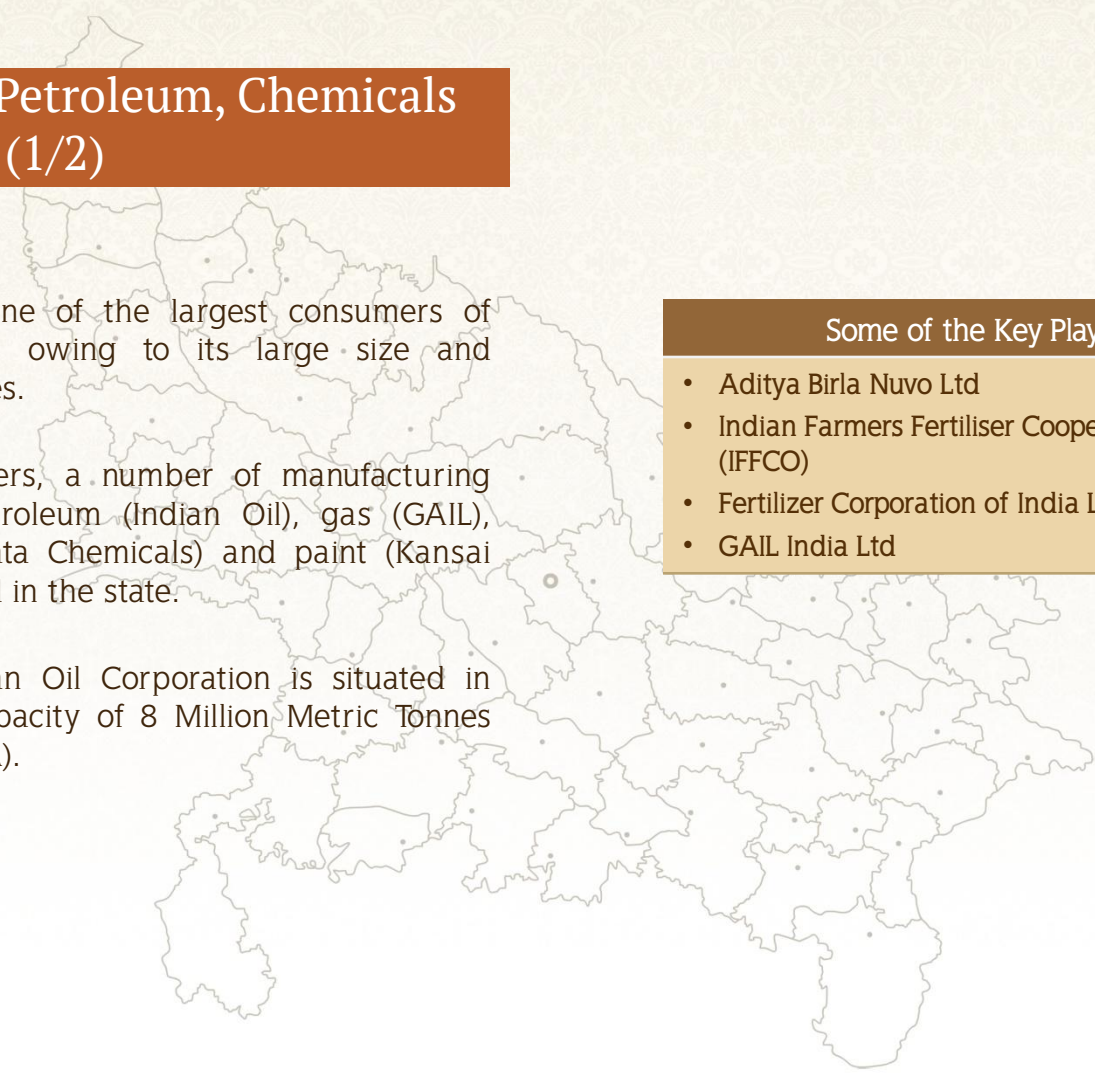
- Onida is a prominent electronics brand, owned by the company Mirc Electronics. The company manufactures televisions, home theatre systems, air conditioners, washing machines, microwave ovens and mobile phones. The company had revenues of US\$ 348.8 million in 2011-12. Mirc has a manufacturing unit in Noida, which produces televisions, washing machines and air conditioners.

### Moserbaer



- Moserbaer is a leading Indian company, which manufactures optical storage media such as Compact Discs (CDs) and Digital Video Discs (DVDs). The company is headquartered in India and employs over 6,000 people. It had revenues of US\$ 399.4 million in 2010-11. The company has five manufacturing facilities, four of which are located in Noida.

## Key Industries – Petroleum, Chemicals and Fertilisers ... (1/2)

- 
- Uttar Pradesh is one of the largest consumers of fertilisers in India, owing to its large size and agricultural activities.
  - Apart from fertilisers, a number of manufacturing units spanning petroleum (Indian Oil), gas (GAIL), basic chemicals (Tata Chemicals) and paint (Kansai Nerolac) are located in the state.
  - A refinery of Indian Oil Corporation is situated in Mathura with a capacity of 8 Million Metric Tonnes Per Annum (MMTPA).

### Some of the Key Players

- Aditya Birla Nuvo Ltd
- Indian Farmers Fertiliser Cooperative Ltd (IFFCO)
- Fertilizer Corporation of India Ltd
- GAIL India Ltd

## Key Industries – Petroleum, Chemicals and Fertilisers ... (2/2)

### Aditya Birla Nuvo Ltd



- Aditya Birla Nuvo Ltd is a part of the Aditya Birla Group. The company is engaged in various businesses, ranging from textiles to chemicals, life insurance and IT services. The company has a strong presence in the area of chemicals, producing carbon black, urea and liquid argon. The company had total revenue of US\$ 4.55 billion in 2011-12. The company has two plants in Uttar Pradesh, one in Jagadishpur, which manufactures urea and liquid argon and another in Renukoot, which manufactures carbon black.

### Indian Farmers Fertiliser Cooperative Ltd (IFFCO)



- IFFCO is a multi-unit cooperative society, whose primary activities are production and distribution of fertilisers. It is one of the largest fertiliser producers in the country. It has manufacturing units at Aonla and Phulpur in Uttar Pradesh.

### Fertilizer Corp of India Ltd (FCIL)



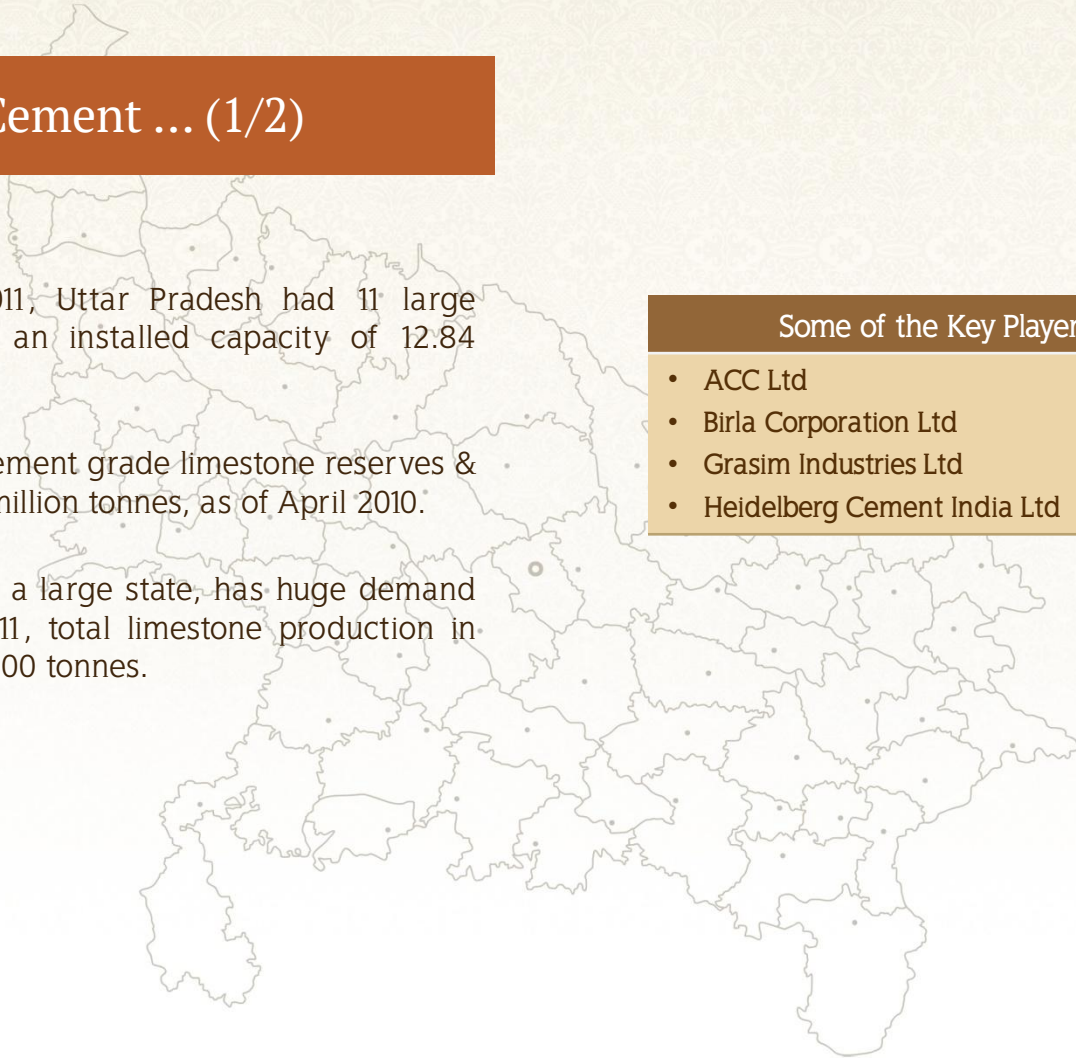
- FCIL is a Public Sector Undertaking (PSU), which was incorporated in 1961 and re-organised in 1978. It produces ammonia, urea, ammonium nitrate, nitric acid and gypsum.
- The company has four plants in India, one of which is located in Gorakhpur. The Gorakhpur plant manufactures urea.

### GAIL India Ltd



- GAIL, a Public Sector Undertaking (PSU), is India's flagship natural gas company and was established in 1984. It had a turnover of US\$ 9.19 billion in 2011-12. The company has a plant in Auraiya, Uttar Pradesh, where liquefied petroleum gas is produced.

## Key Industries – Cement ... (1/2)

- 
- As of November 2011, Uttar Pradesh had 11 large cement plants with an installed capacity of 12.84 million tonnes.
  - The state had total cement grade limestone reserves & resources of 503.49 million tonnes, as of April 2010.
  - Uttar Pradesh, being a large state, has huge demand for cement. In 2010-11, total limestone production in the state was 2,865,000 tonnes.

### Some of the Key Players

- ACC Ltd
- Birla Corporation Ltd
- Grasim Industries Ltd
- Heidelberg Cement India Ltd

## Key Industries – Cement ... (2/2)

### ACC Ltd



- ACC Limited is one of the largest cement manufacturers in India with 16 cement plants, more than 40 ready-mix concrete plants, 21 sales offices and over 9,000 dealers.
- The plant of ACC is located at Tikaria in Uttar Pradesh.

### Birla Corporation Ltd



- Birla Corporation Limited is the flagship company of the M P Birla group with business interests in cement, jute, PVC, floor covering and auto trims. The company has four cement plants with total installed capacity of over 7 million tonnes. The company has a cement plant in Raebareli.

### Grasim Industries Ltd



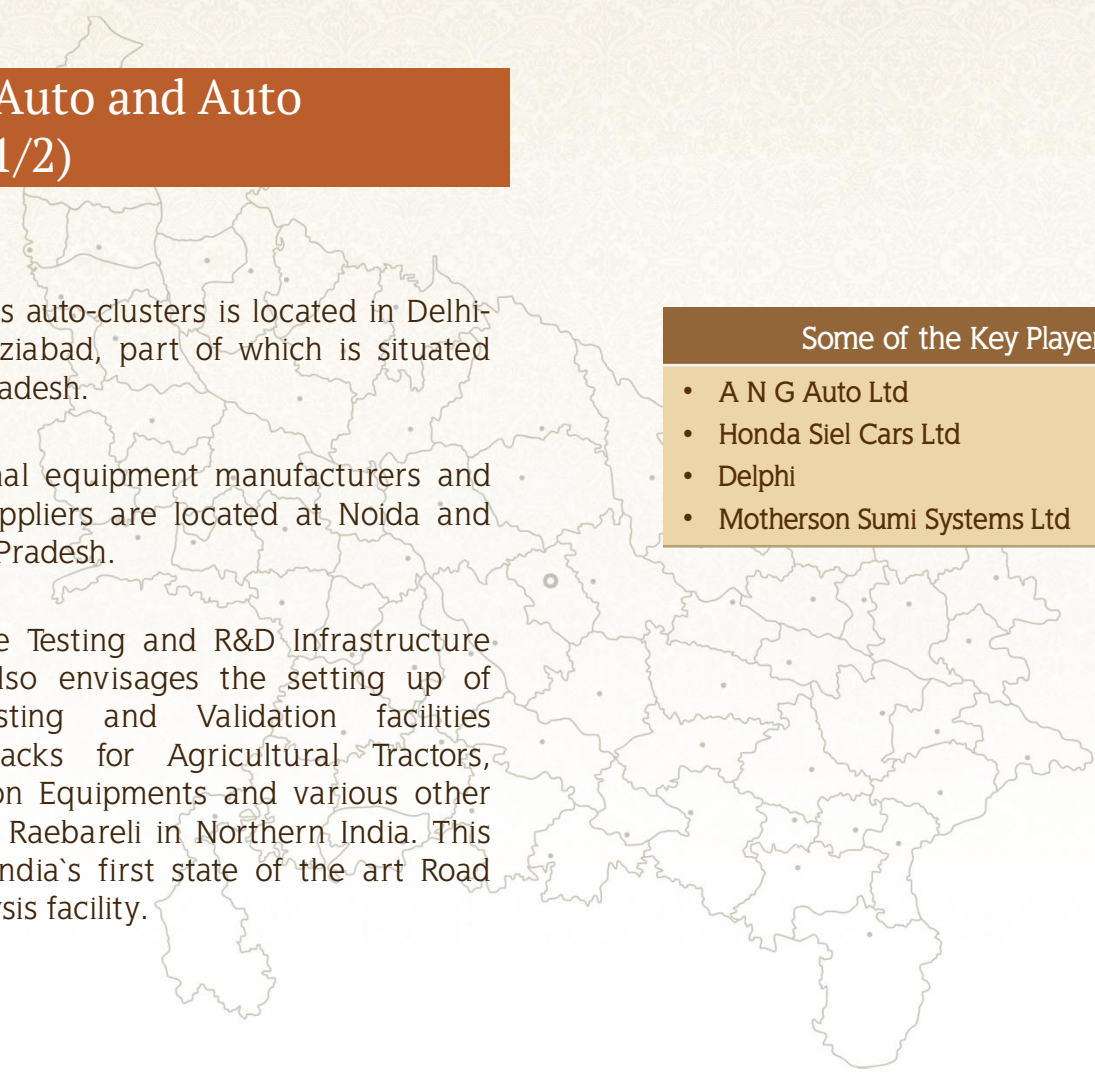
- Cement division of Grasim Industries has 11 composite plants, 15 grinding units, five bulk terminals, and 101 ready-mix concrete plants spanning India, UAE, Bahrain, Bangladesh and Sri Lanka. Grasim is also the largest producer of white cement in India with installed capacity of 560,000 tonnes per annum. The company has two cement grinding units in Uttar Pradesh, one in Dadri and the other in Aligarh with 1.3 million tonnes capacity each.

### Heidelberg Cement India Ltd

HEIDELBERGCEMENT

- Heidelberg Cement India Ltd is a subsidiary of Cementum I. B.V. (a company incorporated under the laws of The Netherlands, which is 100 per cent controlled by HeidelbergCement AG which is one of the largest cement manufacturers in the world). The company has a cement plant at village Madora, district Jhansi in Uttar Pradesh. Its cement is sold under brand name 'Mycem'.

## Key Industries – Auto and Auto Components ... (1/2)

- 
- One of the country's auto-clusters is located in Delhi-Gurgaon-Noida-Ghaziabad, part of which is situated in Western Uttar Pradesh.
  - A number of original equipment manufacturers and auto component suppliers are located at Noida and Ghaziabad in Uttar Pradesh.
  - National Automotive Testing and R&D Infrastructure Project (NATRIP) also envisages the setting up of comprehensive Testing and Validation facilities including Field Tracks for Agricultural Tractors, Trailers, Construction Equipments and various other off-road vehicles at Raebareli in Northern India. This centre will house India's first state of the art Road Accident Data Analysis facility.

### Some of the Key Players

- A N G Auto Ltd
- Honda Siel Cars Ltd
- Delphi
- Motherson Sumi Systems Ltd

## Key Industries – Auto and Auto Components ... (2/2)

### A N G Auto Ltd



→ ANG Auto Ltd manufactures automotive components for specialised applications. Exports account for over 55.0 per cent of the company's revenues. The company's manufacturing plants are located at Noida, Greater Noida and SEZ, Noida. The company produces automatic slack adjusters in its SEZ Noida plant and plans to open another plant for manufacturing machined components.

### Honda Cars India Ltd



→ Honda Cars India Ltd has its state-of-the-art manufacturing plant at Greater Noida in Uttar Pradesh, which was set up in 1997. The plant is spread across 150 acres of land and has capacity to produce 100,000 cars per year. The plant produces some of the popular models such as City, Civic, Accord, Brio and Jazz.

### Delphi



→ Delphi started its operations in India in 1995 and has four manufacturing units to produce individual components and systems for automotive and other industries. One of the plants of the company is located at Greater Noida where it produces shock absorbers, struts and HVAC (Heating, Ventilating, and Air Conditioning) systems.


### Motherson Sumi Systems Ltd



→ Motherson Sumi Systems Ltd is one of the leading manufacturers of automotive wiring harnesses and mirrors for passenger cars in India and serves automotive, material handling, earth moving and farm equipment manufacturers.

→ One of the manufacturing unit of the company is located at Noida.

## Key Industries – Sugar ... (1/2)

- 
- Uttar Pradesh is the largest producers of sugarcane in India.
  - In 2011-12, 2.18 million hectare of area in the state was under sugarcane cultivation and total production was around 128.81 million tonnes.
  - The state contributed 36.0 per cent to the country's total sugarcane production in 2011-12.
  - In 2011-12, total sugarcane crushed in the state was 76.85 million tonnes.
  - The sugarcane is produced in 44 districts of the state and of these districts, 28 districts are the major sugarcane producing districts. There are 125 operational sugar mills running in the state.
  - Bajaj Hindusthan Limited, one of the largest sugar producers in the country has its plants in Uttar Pradesh.

### Some of the Key Players

- Bajaj Hindusthan Ltd
- Balrampur Chini Mills Ltd
- Dhampur Sugar Mills Ltd
- Oudh Sugar Mills Ltd

## Key Industries – Sugar ... (2/2)

### Bajaj Hindusthan Ltd



- Bajaj Hindusthan Ltd, a Bajaj Group company is one of the largest sugar and ethanol manufacturers in India. The company has 14 sugar plants located in Uttar Pradesh. The total crushing capacity of these plants is 136,000 Tonnes Crushed per Day (TCD). A subsidiary of the company has four plants in the state with crushing capacity of 40,000 TCD. The company also produces 38 million litre of ethanol and around 430 MW of power from bagasse.

### Balrampur Chini Mills Ltd



- Balrampur Chini Mills Ltd (BCML) was incorporated in 1975. BCML is one of the largest integrated sugar manufacturing companies in India with a crushing capacity of 76,500 tonnes per day.
- The company has 10 sugar mills located in Eastern Uttar Pradesh.

### Dhampur Sugar Mills Ltd



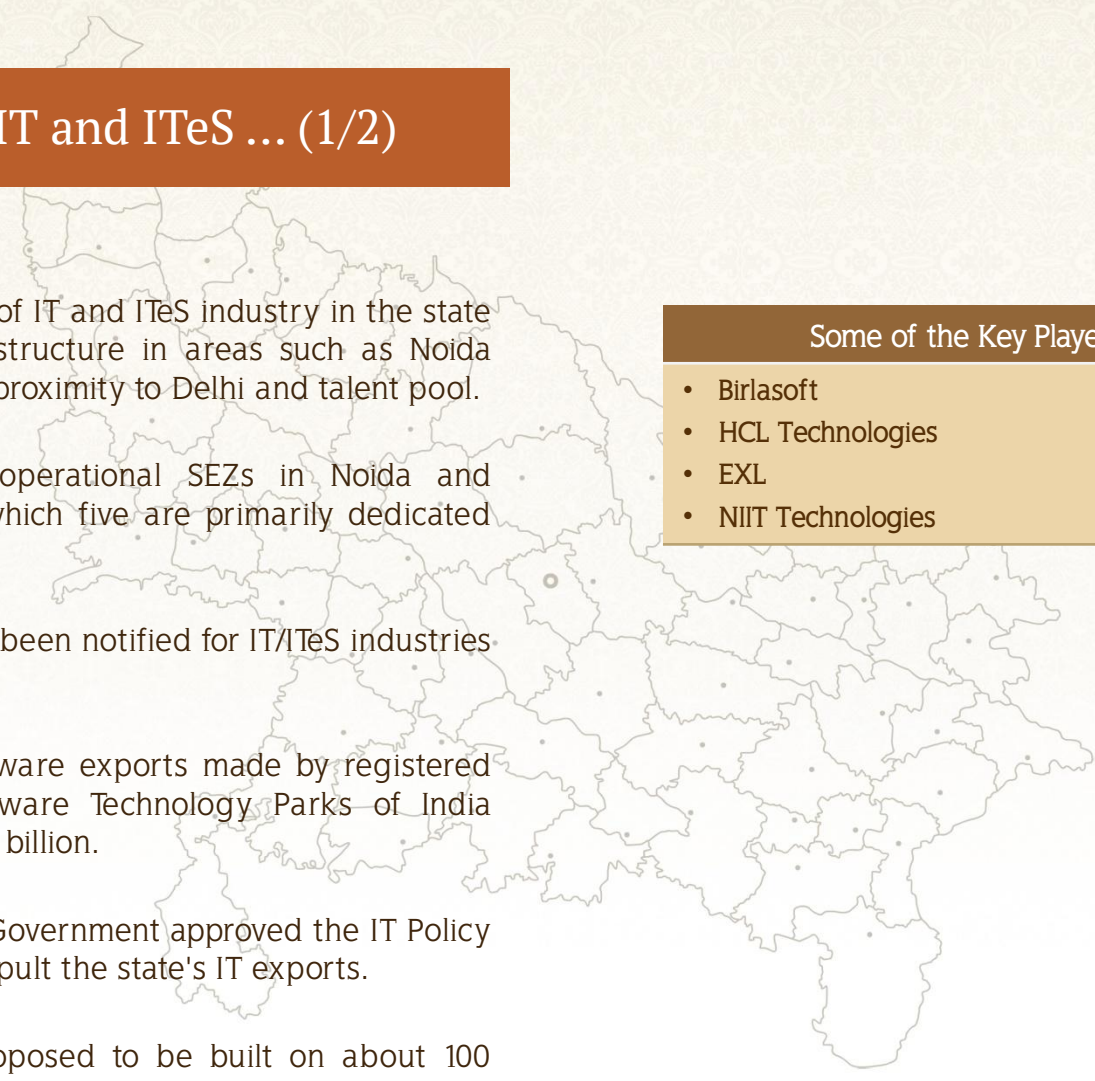
- Dhampur Sugar Mills Ltd has four sugar mills in Uttar Pradesh, at Dhampur, Asmoli, Mansurpur and Rajpura. Besides, the company produces 145 MW of co-generation power and 270 kilo litre of ethanol per day.

### Oudh Sugar Mills Ltd



- Oudh Sugar Mills Ltd (OSML) belongs to the K.K. Birla Group of Companies, which has diverse business interests in chemicals, engineering, textiles, etc. The company has four sugar mills of which three are located in Uttar Pradesh, at Sitapur, Shahjahanpur and Kushinagar. The company also has distillery in Sitapur and co-generation power plant in Sitapur and Kushinagar.

## Key Industries – IT and ITeS ... (1/2)

- 
- The driving factors of IT and ITeS industry in the state are industrial infrastructure in areas such as Noida and Greater Noida, proximity to Delhi and talent pool.
  - There are seven operational SEZs in Noida and Greater Noida, of which five are primarily dedicated to IT/ITeS industries.
  - Eighteen SEZs have been notified for IT/ITeS industries in the state.
  - In 2010-11, the software exports made by registered units through Software Technology Parks of India (STPI) was US\$ 2.40 billion.
  - The Uttar Pradesh Government approved the IT Policy 2012, aiming to catapult the state's IT exports.
  - An “IT City” is proposed to be built on about 100 acres of government land at Gajaria farms on Sultanpur Road in Lucknow.

### Some of the Key Players

- Birlasoft
- HCL Technologies
- EXL
- NIIT Technologies

## Key Industries – IT and ITeS ... (2/2)

### Birlasoft



- Birlasoft was promoted by GP-CK Birla Group and later on GE Capital joined as strategic investor. The company has service offerings spanning asset and service management, consulting, enterprise solution, IT services and managed IT services. The company has presence in the US, India, Europe, Australia, Malaysia, China, Mexico, UAE and Singapore. Its corporate office and two other offices are located at Noida.

### HCL Technologies



- HCL Technologies is one of the pioneers in the Indian IT space. It reported revenues of US\$ 4.03 billion in 2011-12. The company delivers IT solutions across applications and infrastructure. The company has network of offices in 31 countries and serves a wide range of industries. Ten offices of the company including the global headquarter are located at Noida in Uttar Pradesh.

### EXL



- EXL, incorporated in the US in 1999, is a leading provider of transformation and outsourcing services to global 1,000 companies, across industries. It operates over 20 state-of-the-art delivery centres and three sales offices across the globe. Corporate office of the company is located at Noida in Uttar Pradesh.

### NIIT Technologies



- NIIT Technologies in one of the top 20 IT solution providers in India with presence in North America, Europe, Asia and Australia. The company serves industries such as banking and financial, insurance, manufacturing, retail and logistics. The company's corporate office is in Noida.

# Uttar Pradesh

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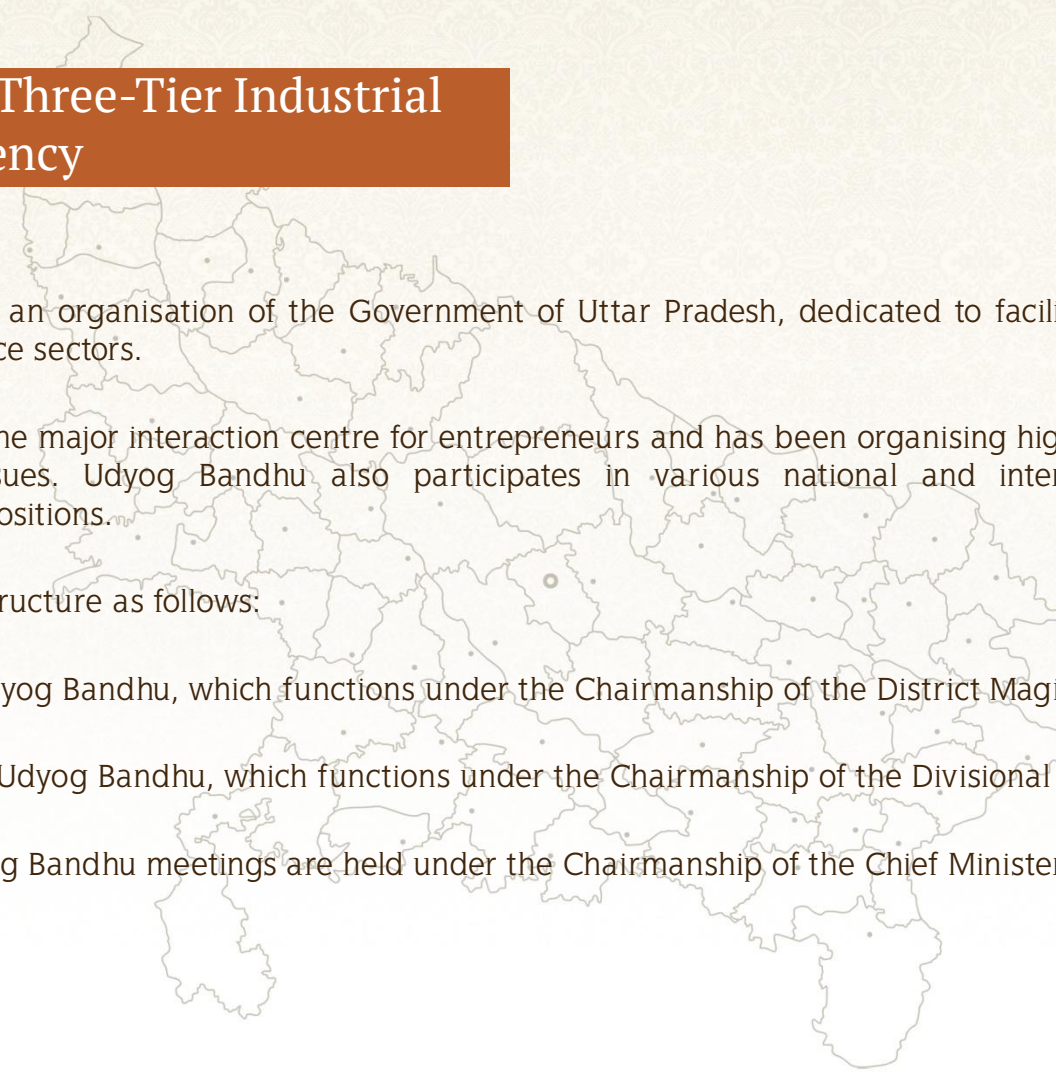
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## Udyog Bandhu – Three-Tier Industrial Development Agency

- 
- “Udyog Bandhu” is an organisation of the Government of Uttar Pradesh, dedicated to facilitate investment in the industrial and service sectors.
  - It has emerged as the major interaction centre for entrepreneurs and has been organising high-level conferences on industry-related issues. Udyog Bandhu also participates in various national and international conferences, exhibitions and expositions.
  - It has a three-tier structure as follows:
    - District-level Udyog Bandhu, which functions under the Chairmanship of the District Magistrate.
    - Divisional-level Udyog Bandhu, which functions under the Chairmanship of the Divisional Commissioner.
    - State-level Udyog Bandhu meetings are held under the Chairmanship of the Chief Minister.

## Single – Table Clearance System

- This is a web-based single-table system for the entrepreneurs who want to invest and set up industries in the state. The main objective of the system is to facilitate the entrepreneurs to access, fill up and print the required forms from the website and submit these along with enclosures and required fee, etc., in respective District Industries Centres/State Udyog Bandhu.
- The following are the key highlights of the single-table system:
  - Timely issuance of sanctions, approvals, NOCs, registration, licences and certificates by the concerned departments. Single-table system, available at website, could be examined and processed irrespective of the location of officials or the entrepreneur.
  - Nodal officers issuing approval and NOC at the district-level as well as their superior officers, such as, Head of Department, Principal Secretary, Secretary, etc., are able to monitor the progress and analyse the status of concerned applications, online.
  - The system provides single resource for registration, progress appraisal/review of the status of the applications, etc.

## Key Investment Promotion Offices

Agency	Description
Directorate of Industries	<ul style="list-style-type: none"> <li>• Executive arm of the Industries Department, engaged in implementation of government policies for all-round development of industries in the state.</li> <li>• Responsible for implementation of various state policies.</li> <li>• Registers various units (Small Scale Industries, Biotech Units, IT Parks, etc.).</li> <li>• Grants licences/permissions to various entities.</li> </ul>
UP State Industrial Development Corporation (UPSIDC)	<ul style="list-style-type: none"> <li>• Responsible for development of industrial areas.</li> <li>• Identifies and promotes infrastructure-related and industry-specific projects.</li> <li>• Executes civil construction works for government and public sector organisations on deposit basis.</li> <li>• Responsible for acquisition of land on demand for large projects.</li> <li>• Responsible for development of integrated infrastructure industrial townships.</li> </ul>
Department of Infrastructure and Industrial Development	<ul style="list-style-type: none"> <li>• Focusses on the development of industrial infrastructure in the state.</li> <li>• Responsible for promotion of various grants, assistance for industrial and infrastructure development in the state.</li> </ul>

## Contact List

Agency	Contact Information
UP State Industrial Development Corporation (UPSIDC)	UPSIDC Complex A-1/4, Lakhanpur Kanpur-208024 Phone: 91-512-2582851/52/53 Fax: 91-0512-2580797 Website: <a href="http://www.upsidc.com">www.upsidc.com</a>
Department of Infrastructure & Industrial Development, Government of Uttar Pradesh	4th Floor, Shri Lal Bahadur Shastri Bhavan Sarojini Naidu Marg Lucknow-226001 Phone: 91-522-2238283/2239530 Fax: 91-522-2238255 E-mail: <a href="mailto:idc.up@nic.in">idc.up@nic.in</a>
Directorate of Industries	Udyog Bhawan, G.T. Road, Kanpur Uttar Pradesh Phone: 91-512-2218401/2234956/2219166 Fax: 91-512-2297481 E-mail: <a href="mailto:dikanpur@up.nic.in">dikanpur@up.nic.in</a>

## Key Approvals Required

Approvals and Clearances Required	Departments to be Consulted
<b>Prior to Setting up the Unit</b>	
Registration	Industries Department
Allotment of Land/Shed	Industrial Development Authority
Permission for Land Use	District Authorities
No-Objection Certificate (NOC) under the Water and Air Act	Uttar Pradesh Pollution Control Board
Approval for Construction Activity and Building Plan	Uttar Pradesh Urban Development Authority
NOC	Fire Department, Uttar Pradesh
Provisional Trade Tax Registrations	Central and State Excise Departments
Registration under Central Sales Tax (CST) Act	
<b>Before Commencement of Production</b>	
NOC under the Water and Air Act	Uttar Pradesh Pollution Control Board
NOC	Fire Department, Uttar Pradesh
Permanent Trade Tax Registration under UP Trade Tax Act, 1948	Central and State Excise Departments
Registration under CST Act	
<b>After Commencement of Production/Activity</b>	
Registration	Industries Department

## Cost of Doing Business in Uttar Pradesh

Cost Parameter	Cost Estimate
Industrial Land (per sq m)	US\$ 63 to US\$ 168^ US\$ 80*
Office Space Rent (per sq ft per month)	US\$ 0.5 to US\$ 2.2
Power Cost (per kwh)	Commercial: US 10.3 cents Industrial: US 7.8 cents to US 9.6 cents
Labour Cost (minimum wages per day)	Unskilled: US\$ 2.19 to US\$ 3.51 Semi-skilled: US\$ 2.76 to US\$ 3.92 Skilled: US\$ 2.85 to US\$ 4.05

Sources: Industry Sources, Uttar Pradesh Electricity Regulatory Commission, Ministry of Labour and Employment, Government of India

^By Allotment in Greater Noida

\*Agricultural Land by Allotment in Greater Noida

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## State Acts & Policies ... (1/2)

### Uttar Pradesh IT Policy 2012

#### Objective

- To use IT as a vehicle for economic development of Uttar Pradesh with inclusive growth to create a vibrant society with a high quality of life.

[Read more](#)

### Infrastructure & Industrial Investment Policy 2012

#### Objectives

- To encourage Public Private Partnership (PPP) for infrastructure development.
- To encourage and facilitate private sector for development of industrial areas and estates along with permission to foreign direct investment in infrastructure development.

[Read more](#)

### Energy Policy 2009

#### Objective

- The policy is structured with consumers as the focal point and aims to fulfil the overall need for universal access and for providing reliable, quality and affordable power.

[Read more](#)

## State Acts & Policies ... (2/2)

### UP SEZ (Revised) Policy 2007 (Part-A)

#### Objective

- To foster industrial and economic development and create conducive environment for the development of SEZ.

[Read more](#)

### Biotech Policy 2004

#### Objective

- To develop a knowledge-based economy, assure benefits of biotechnology to all sections and promote entrepreneurship in biotechnology related industries.

[Read more](#)

### Industrial and Service Sector Investment Policy 2004

#### Objective

- To achieve all round development of the state and to accelerate the pace of growth of industry, commerce, trade and services.

[Read more](#)

## Annexure

### Exchange Rates

Year	INR equivalent of one US\$
2004-05	44.95
2005-06	44.28
2006-07	45.28
2007-08	40.24
2008-09	45.91
2009-10	47.41
2010-11	45.57
2011-12	47.94

Average for the year

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