



Presentation by  
**ANDHRA PRADESH ECONOMIC DEVELOPMENT BOARD**  
Government of Andhra Pradesh, India.  
[www.apedb.gov.in](http://www.apedb.gov.in)

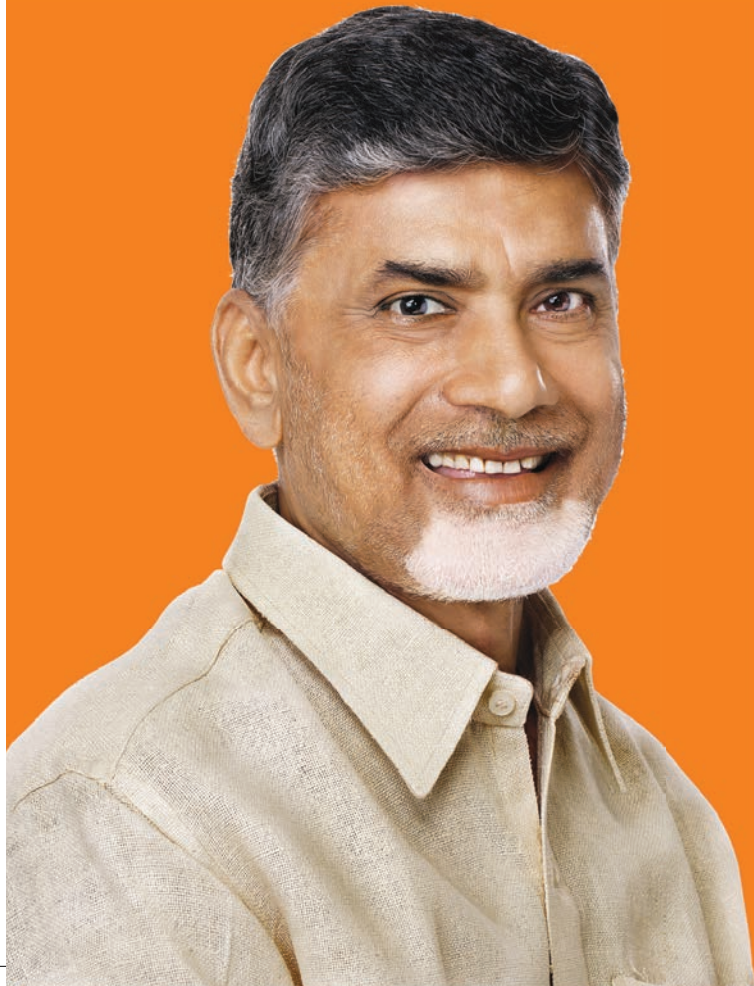


# Sunrise Andhra Pradesh Vision 2029

To become one amongst the three best states in India by 2022 ☀

The best state in development and happiness by 2029 ☀

A leading global investment destination by 2050 ☀



**Mr. N. Chandrababu Naidu**  
Hon'ble Chief Minister

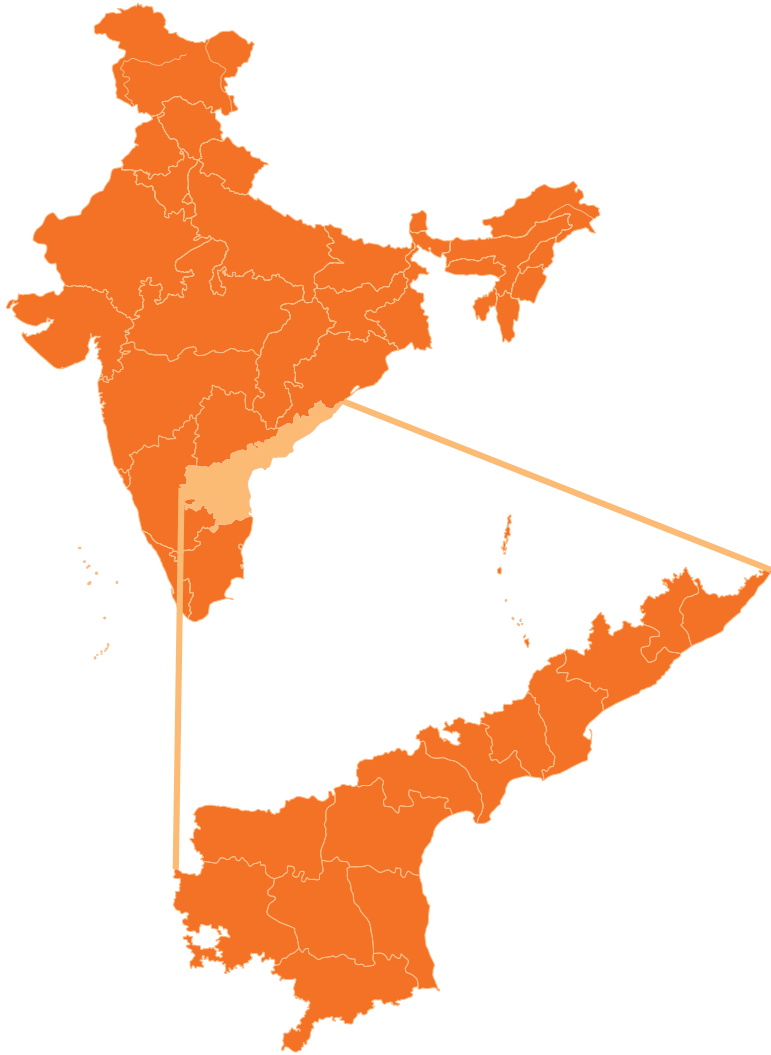


**ANDHRA PRADESH**  
India's Sunrise State



## A Glimpse of Andhra Pradesh

# Andhra Pradesh is at the forefront of India's growth story



8<sup>th</sup>

Largest state in India spread across 162,968 sq km



2<sup>nd</sup>

Longest coastline in India (974 km)



123

Billion USD GSDP in 2017-18



12

Total airports by 2020 (6 existing)



50%

Targeted increase in urbanization from 35%



11.2%

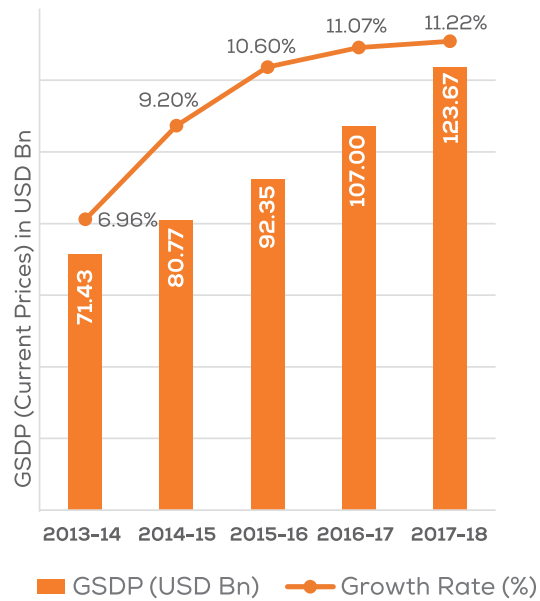
State GSDP growth, higher than national average





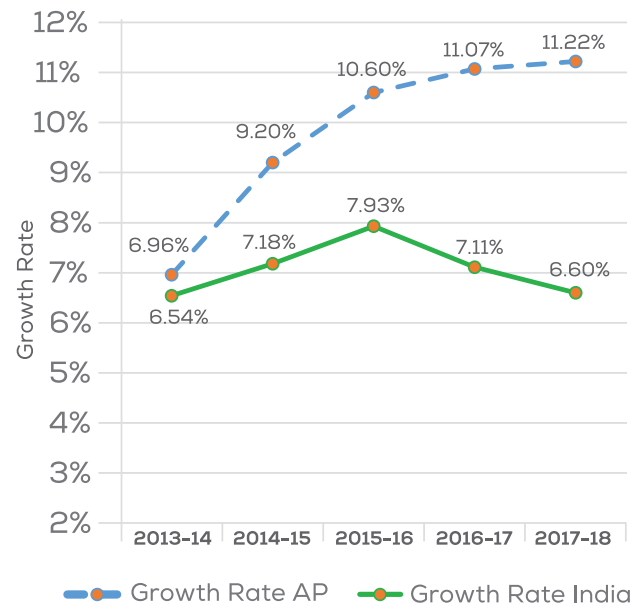
# Fastest growing major economy in India – Double Digit growth rate in Industry, Agriculture and Service sectors

## Andhra Pradesh Economy



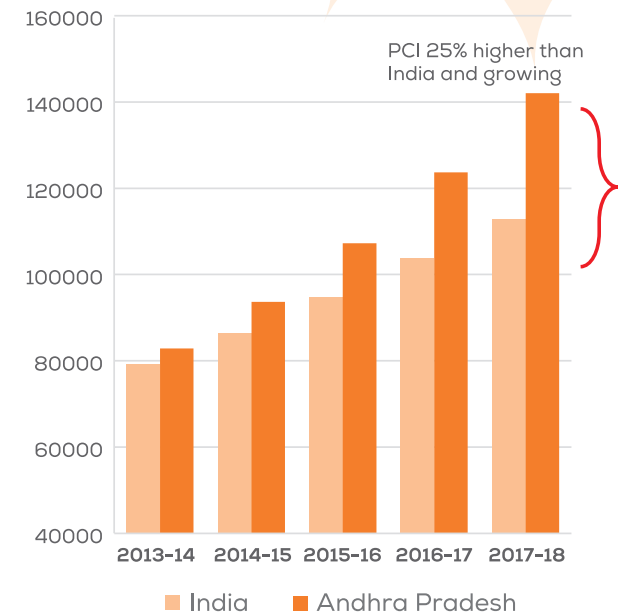
**USD 123 billion economy** with consistent double digit growth  
 USD 1 = INR 65

## Andhra Pradesh vs India Growth Rate



The Andhra Pradesh Economy is growing at a higher rate than the Indian economy. **Growth in 2017-18 was 4.2% higher than the national average**

## Andhra Pradesh vs India Per Capita Income



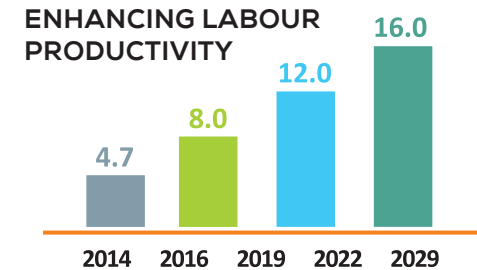
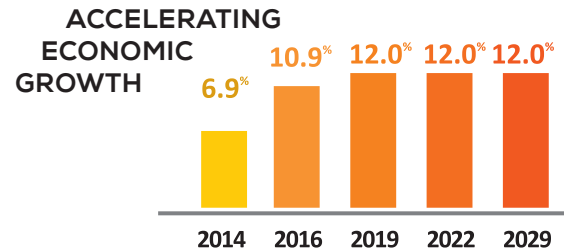
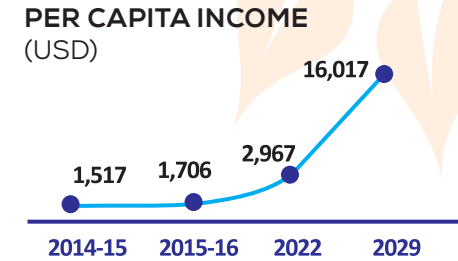
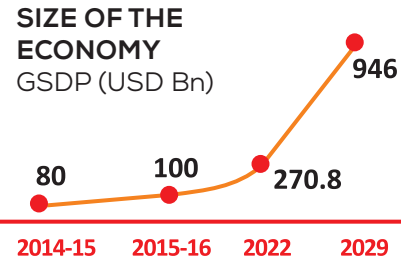
Per capita income (PCI) and spending power of the Andhra Pradesh population is growing at a faster rate than that of India.

# Sunrise Andhra Pradesh

## Vision 2029

- To be among top 3 developed states in India by 2022
- To be the No.1 state in development & happiness by 2029
- To become a leading global investment destination by 2050

## PROJECTED TARGETS



## KEY PERFORMANCE INDICATORS



Cumulative Investments in range of **\$145 Billion**



Global Competitiveness Index to be in **top 15**



Employment for **14.4 million citizens**



Economic growth **CAGR @ 12%**



**HDI index of 09**



# Conducive Business Environment

Overarching policy framework driving the economic growth



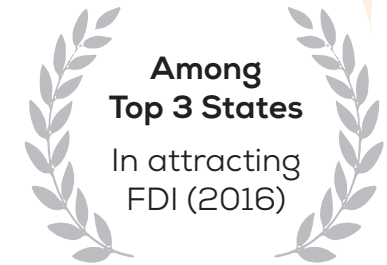
**Ranked** No. **1**  
in **EASE OF DOING BUSINESS\***  
by World Bank-Government of India




**State of the Year**  
Award by CNBC



**#1 state**  
in attracting private sector investment



**Among Top 3 States**  
In attracting FDI (2016)



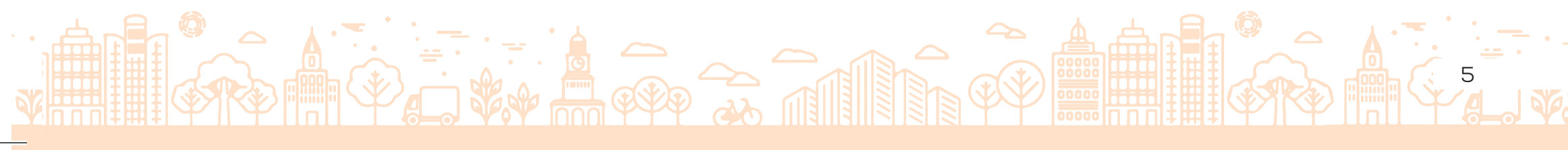
**#1 State**  
in implementation of energy efficiency reforms



**26 Awards**  
Received by the State Power Sector during 2015-17



**3 Gold Awards**  
For Innovations in Governance at 20th egov Conference



# We promise stable business environment, hassle free clearances and investor handholding



## SINGLE DESK PORTAL FOR ALL APPROVALS TO SET UP INDUSTRY IN ANDHRA PRADESH

ALL APPROVALS WITHIN

21-DAYS

APPROVALS GRANTED TILL DATE

24,470

COMPLIANCE IN LAST 6 MONTHS

98.7%

COMPLIANCE IN LAST 2 MONTHS

100%

### ELECTRICITY CONNECTION



Approvals in 15 days

### CONSTRUCTION PERMITS



System driven scrutiny of drawings

### LABOUR INSPECTION REFORMS



Risk-based categorization of industry for inspection

### INCENTIVE SANCTION & DISBURSEMENT



Complete online system

# We offer the most competitive incentives

- Government land on outright sale
- Approvals within 21-days
- 24X7 quality power supply
- Investment handholding & facilitation
- Stable industrial relations

## Tailor-made incentives for Mega projects

- Lowest land rates
- Waiver on stamp duty
- Power subsidy
- Water subsidy
- Reimbursement of SGST accrued to State
- Capital subsidy for Green measures
- Clean production measures
- External Infrastructure at doorstep
- Training subsidy
- Quality certification
- Marketing at fairs
- Patent cost



# A modern and robust infrastructure

The state of Andhra Pradesh has a strong and well-established infrastructure enabling a conducive ecosystem for industrial growth



## WORLD-CLASS PORT INFRASTRUCTURE

- 6 Operational Ports
- 180 MMT capacity at existing ports, with 120 MMT traffic handled
- 8 new ports proposed
- Large coastline (974 km)



## STRONG AIRPORT INFRASTRUCTURE

- 6 existing Airports
- 6 proposed
- 4 Greenfield airports
- Mega Aerotropolis to be developed in Bhogapuram



## 24x7 QUALITY AND RELIABLE POWER

- 24X7 reliable and quality power to industry
- 15,400 MW capacity addition planned by 2019
- 10,000 MW solar energy production and 8000 MW wind energy production by 2021



## OVER 300,000 ACRES OF LAND BANK

- GIS-enabled Land Bank of 300,000 acres
- Affordable land rates and 99-years lease



## 2 COASTAL EMPLOYMENT ZONES PLANNED

- CEZ in Krishnapatnam (focus on electronics) being planned
- CEZ in Vizag, Kakinada (focus on petrochemicals, food processing, cement, apparel) being planned



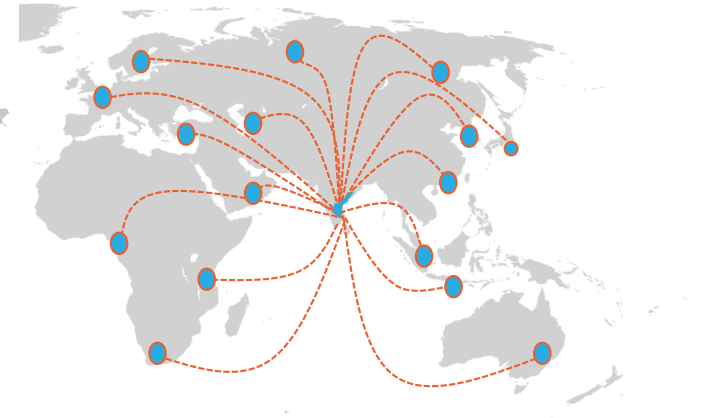
## INDUSTRIAL & TOURISM INFRASTRUCTURE ALONG COASTLINE

- 1,23,334 km of Road Network (4,302 km - NHs)
- 2,660 km of rail network
- 888 km National Waterway
- Industrial clusters along Corridors
- Development of 974 Km beach corridor road facing ocean



# Andhra Pradesh Connectivity

## India's Gateway to the East



6 Operational Airports, including 3 International Airport



22 Destinations connected from State to India and Abroad



32 National Highways, stretching 6400 Kms to rest of India



920 Flights per week connecting Rest of India and South East Asia. Rapid increase in connectivity planned



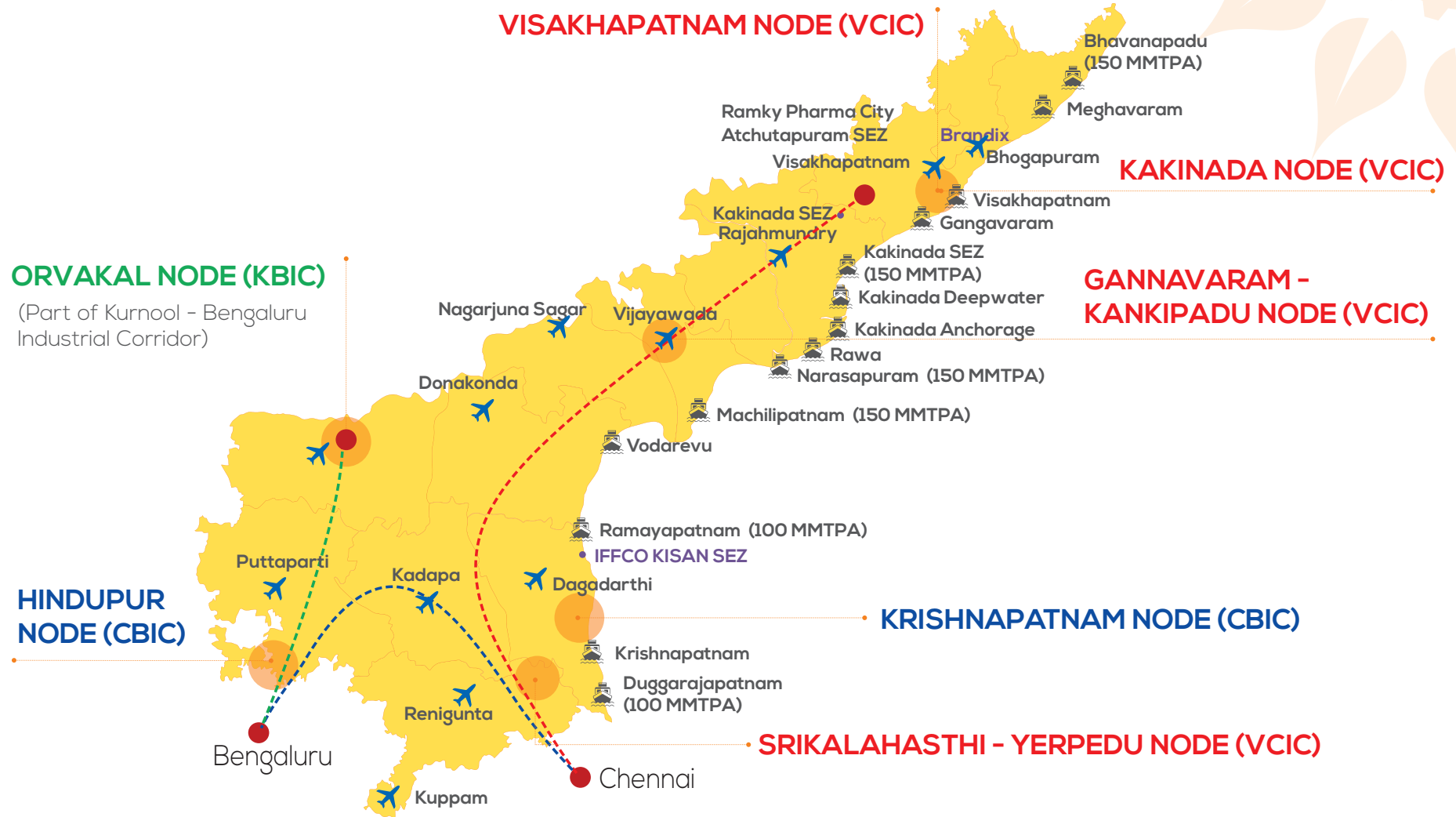
40% CAGR in last 3 years; fastest growing passenger traffic in India



7040 Km of rail network, connecting every town in the State



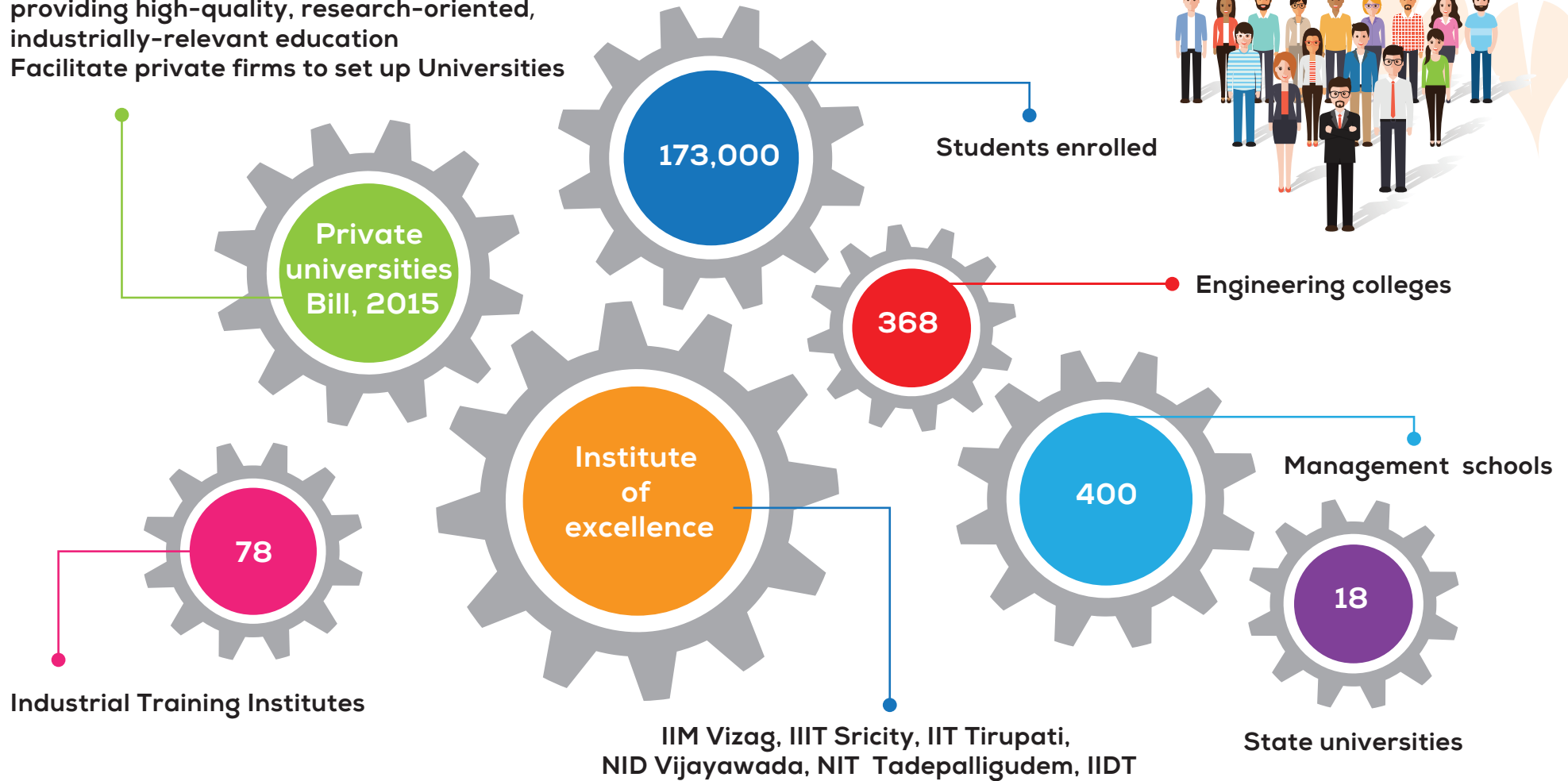
# Advantage AP : Industrial Corridors



# Industry ready skilled work-force

Envisions to develop state as 'Knowledge Hub', providing high-quality, research-oriented, industrially-relevant education  
Facilitate private firms to set up Universities

## SKILLED WORKFORCE



# An Aiding Ecosystem for Diverse Sectors

Andhra Pradesh has unmatched potential with a long coastline, copious water resources and natural resources. Sustainable use of marine and natural resources presents a conducive environment and climate for economic and industrial growth.

## STRONG AGRICULTURE SECTOR



**1<sup>st</sup>** | In Production Of Mango, Tomato, Chilies, Papaya, Lime

**3** | Industrial Corridors

**94%** | Heavy mineral beach sand resources in India

## THRIVING MANUFACTURING SECTOR



**1<sup>st</sup>** | In Exports Of Marine Products In India

**94%** | Barytes resources in India

**29** | Special Economic Zones

## RICH MINERAL RESOURCES



**14.03%** | Growth Rate in Agriculture sector despite a shortfall in rainfall of 28% in 2016-17

**278** | Industrial Estates

**18%** | Bauxite resources in India





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## Agriculture and Food Processing

# Andhra Pradesh – India's Leading Agrarian State

Contributes 27.59% to state's GSDP

Forward Looking Farming Community

63% of population employed in agriculture & related activities

Horticulture produce with 1.4 mn ha. Ranked 6th

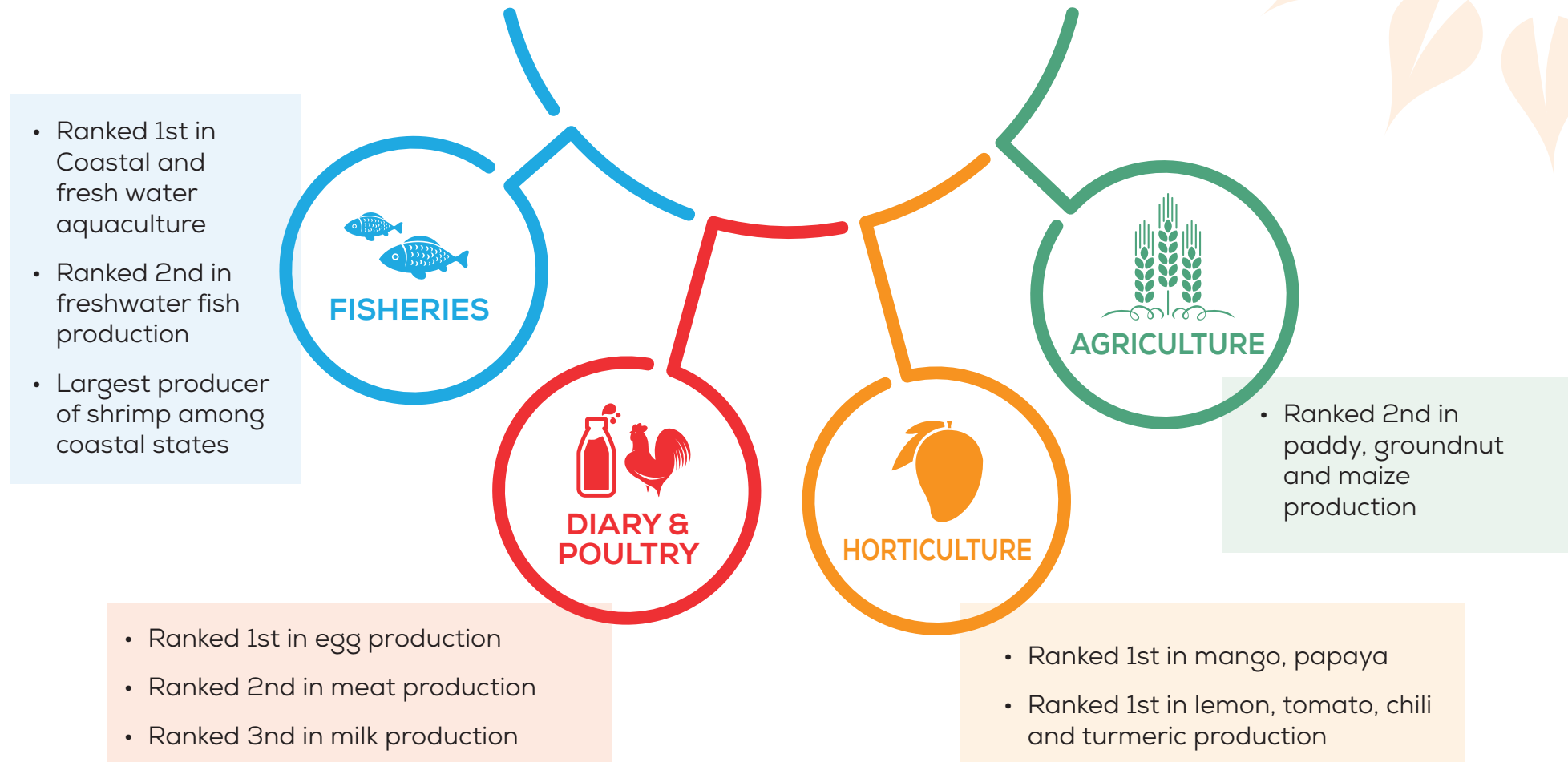
Termed as 'Rice Bowl of India'

India's Largest producer of Fruits, Eggs & Aqua products

8.45 mn ha net cultivable area with strong fruits & vegetables, pulses, coconut & livestock production.



# Presence of Diversified Production Base





# Aqua Capital of India

- 980 Kms Coast Line
- Enterprising farmers
- Large land and brackish water areas ideally located for the planned expansion
- Excellent processing facilities, most of them matching the best in the world
- Ideal coastal environment for establishment of Hatcheries
- Well developed fishing harbors



## Total Processing Capacity

- 60 EEC approved plants
- 10 Non- EEC approved plants
- 1 million Tons of Freezing capacity per year

## Fish & Shrimp Production (2015-16) (in MTs)

- Shrimp - 425,821
- Fish - 2,089,175

## AP's position in Marine Product Exports (Rs Cr.)

	India	A.P.	%
All Marine Products	33,442	15,000	45%
Total Frozen Shrimps	22,468	14,700	65%
Aqua culture shrimps	19,098	14,323	75%
Capture Shrimps	3,370	277	9%

## A.P Position in Shrimp Hatcheries in India

Andhra Pradesh :	250 Hatcheries including 85 CAA licensed
All Other States :	93 Hatcheries including 32 CAA licensed





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**Automobiles and Auto components**

# India's largest auto entrants in the last two years have invested in Andhra Pradesh



**AMARA RAJA**  
Gotta be a better way

India's 2nd largest auto battery brand  
Two wheeler battery plant set up



**BHARAT FORGE**  
KALYANI

India's largest exporter of Auto Components  
To set up auto components park



**ASHOK LEYLAND**

World's 4th largest Bus Manufacturer  
Setting up a Bus manufacturing plant

## Auto Component Majors



One of India's largest tyre manufacturer  
To set up tyre manufacturing plant



South Korea's 2nd largest car manufacturer  
Setting up an Integrated manufacturing facility



World's Leading diesel engine manufacturer  
Rolled out its first Pick-up Truck in April 2016



World's largest manufacturer of 2-Wheelers Set to start civil construction



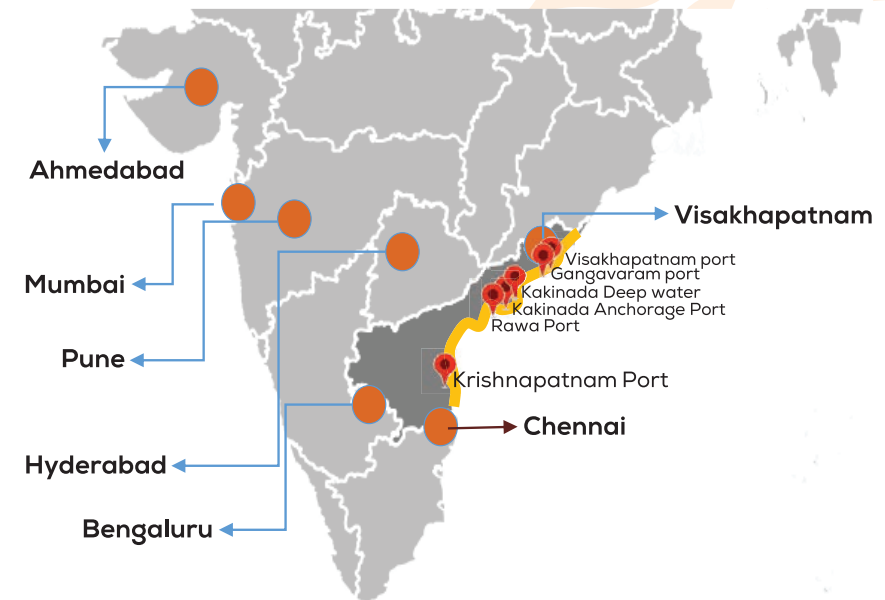
# AP is an ideal location for investments in Automobile and Auto Components sector

## Export Opportunity

- Indian Passenger vehicle car export has grown at a 5-yr CAGR of 10.5%
- Indian 2-wheeler export market has grown at 19.98% YoY (Apr-May 2017)
- Markets targeted: Middle east, Africa, Asia, Europe & South America
- 60% of Auto exports are from Chennai port

## Domestic Market Access

- Centrally Located for Southern & Western Market, with total 60% of vehicle production & Sales.
- Andhra-Chennai cluster has biggest domestic & Global Auto OEM's
- 50% of India's Renewable energy. Biggest Battery application market
- 60% of Auto exports are from Chennai port

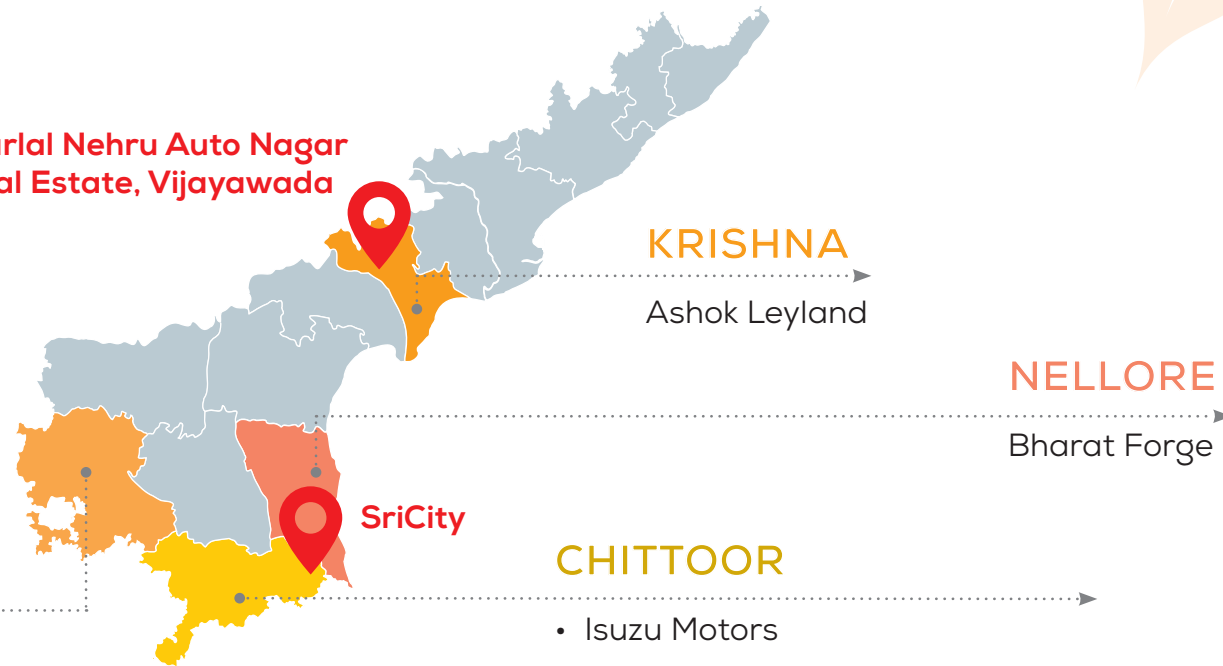


● Top Metros in South & West India

# Preferred locations for Automobile and Auto Components majors in AP

Nellore, Chittoor & Anantapur are emerging as regions of choice for Auto Majors

Jawaharlal Nehru Auto Nagar Industrial Estate, Vijayawada



**KRISHNA**  
Ashok Leyland

**NELLORE**  
Bharat Forge

**ANANTAPUR**  
• Kia Motors along with subsidiaries & vendors  
• Veera Vahana bus building

**CHITTOOR**  
• Isuzu Motors  
• Hero Motocorp  
• Amara Raja Group  
• Apollo Tyres  
• Auto Component manufacturers



# Isuzu in Andhra Pradesh

ISUZU's India plant built to manufacture its vehicles with international quality standards

**SRI CITY**

Nellore 55 Kms  
from Chennai

**50,000  
Units**

Capacity can be expanded  
to 120,000 units

**USD300  
Million**

Investment made  
in the plant

**107  
Acres**

Size of  
manufacturing plant



# Preferred locations for Automobile and Auto Components majors in AP



**Plant Location**  
Anantapur District, Andhra Pradesh

**Total Employment**  
Direct: 4,000, Indirect: 7,000

**Total Investment**  
USD2 Billion (including associates, vendors)

**Site Area**  
23 million square feet

**Production Capacity**  
3000,000 units annually

**Inclusions**  
Training Center, Township







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## Textile and Apparel Sector



# Economic Transformation

## Focus Sector- Textiles and Apparels



**2<sup>ND</sup> LARGEST**

Silk producer in India (20% of India's production) with 5,970 MT production



**7<sup>TH</sup> LARGEST**

Cotton Producer in India (5% of India's Production) – Guntur, Krishna, Prakasam & Kurnool major cotton producing districts



**19 LAKH BALES**

Of Cotton Produced during 2016-17

**36 MILLION**

Spindles – 7% of India's Spinning Capacity

**18,000**

Powerlooms

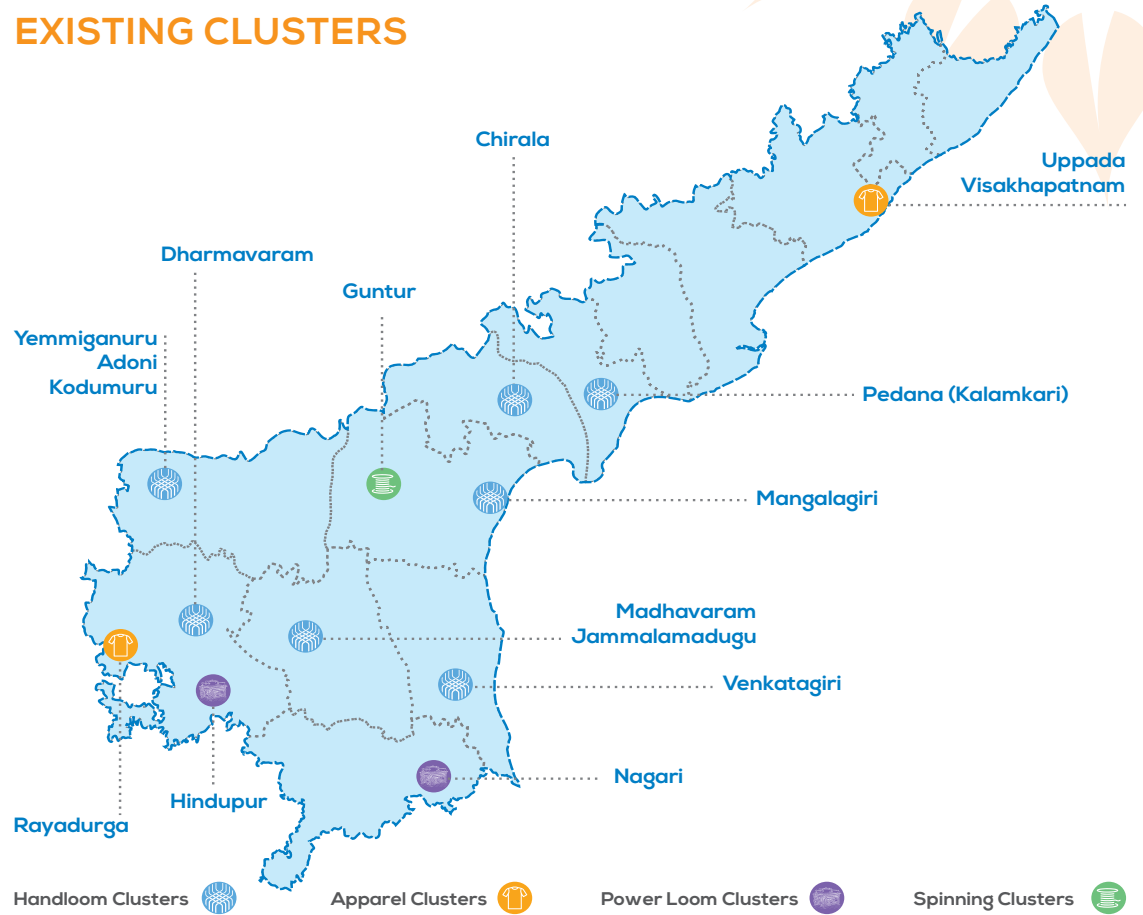
**23**

Processing Units

**653**

RMG Units

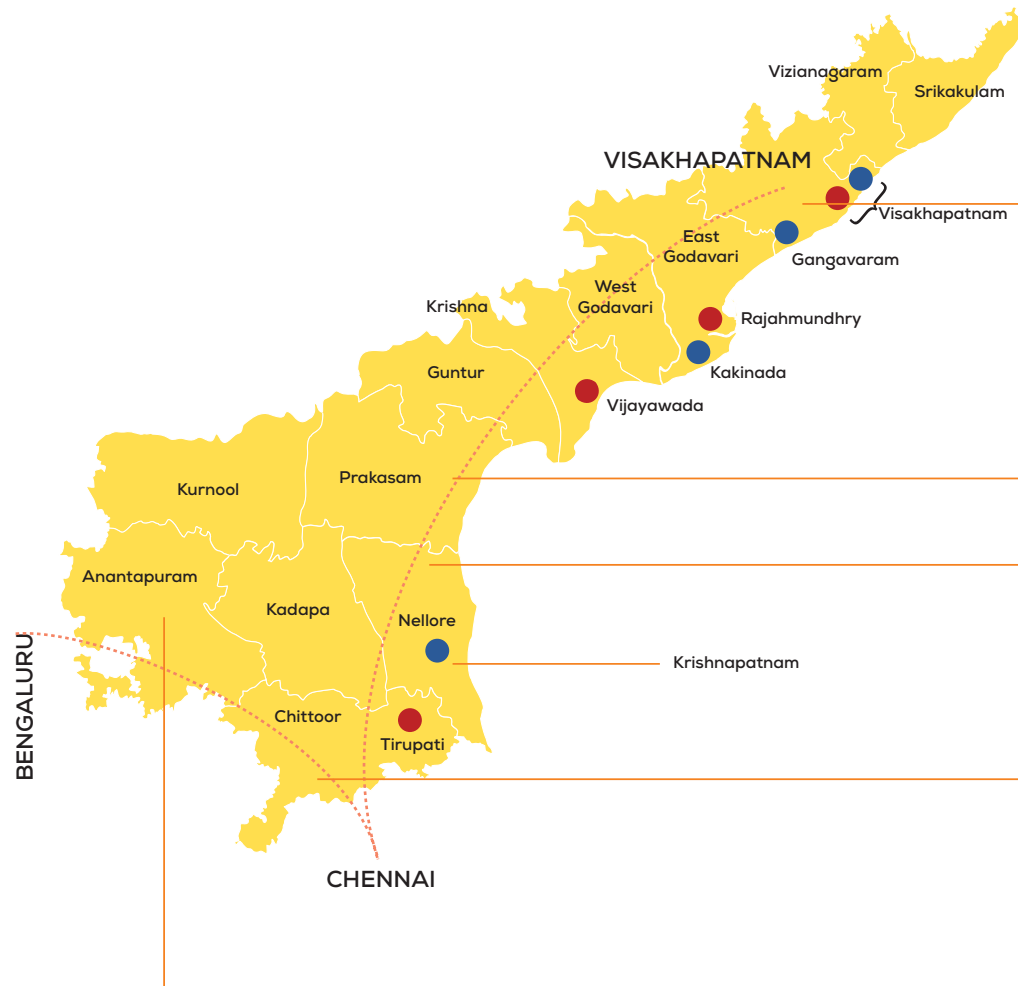
### EXISTING CLUSTERS



Huge potential for downstream value addition

# Potential Textile Zones in Andhra Pradesh

Opportunities for new investments



## VISAKHAPATNAM

- > Existence of 2 apparel parks - Brandix & Vishakhapatnam Apparel Parks
- > Port base will help to import material for Technical Textiles

Readymade Garments & Technical Textiles

## PRAKASAM

- > Concentrated spinning industry in and around
- > Coastal line suitable for processing

Weaving, Processing & Made Ups

## NELLORE

- > District is on coastal line and suitable for processing
- > Close vicinity to Chennai

Processing & Readymade Garments

## CHITTOOR

- > Close vicinity to Chennai & Bangalore
- > Existence of Nagari Power Loom cluster

Weaving & Readymade Garments

## ANANTAPURAM

- > Close vicinity to Chennai & Bangalore
- > Existence of readymade Jeans manufacturing cluster in Rayadurg

Readymade Garments



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**IT and ITES**

# Andhra Pradesh IT Ecosystem - Growth Drivers

**USD 56.6 Mn IT/ITeS exports** in FY 2017-18, at growth of 40% YoY

Recorded **120+ IT Companies and 170+ Start-ups** in 2016-17

**Policies governing emerging technologies** such as Cloud Hub Policy, Startup & Innovation Policy, IoT Policy, DTP Policy, Gaming and Animation Hub Policy

**Gigabit connectivity** to all gram panchayats by 2017 and to all villages by 2020



To attract **USD 2 Bn worth investments** in IT/ITeS sector

**Designated technology parks (DTP)** to encourage IT companies to set up development centres

**4 cities to be developed with IT/ITeS focus** – Amaravati, Visakhapatnam, Tirupati and Anantapur

**Fiber Grid Infra** – Every house to have 15Mbps connectivity at affordable prices and 100Mbps to 1Gbps for institutions and offices

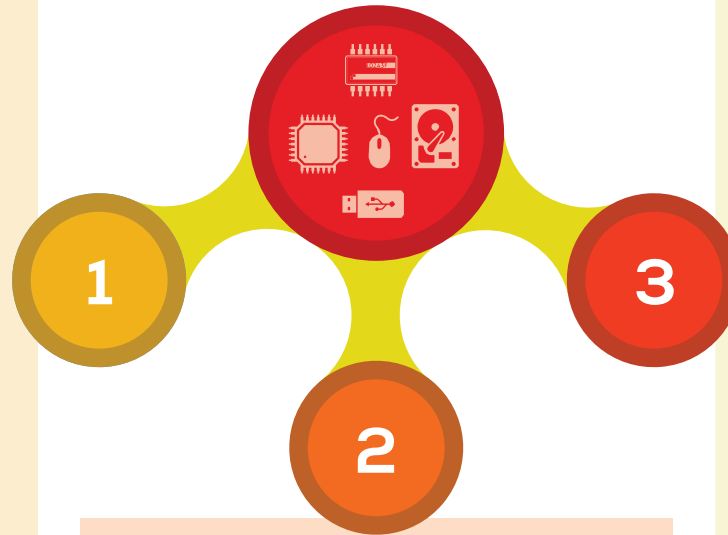
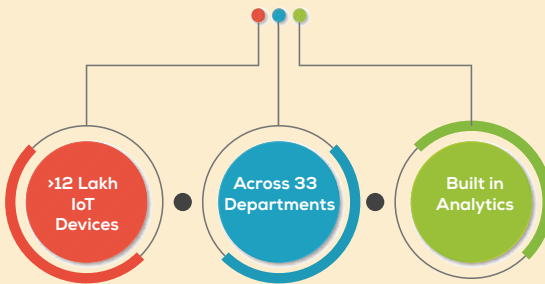


# Transforming Governance Through Technology

## CORE Dashboard



Shifting gears towards Intuitive GOVERNANCE



## AP FIBERNET

End to End broadband connectivity upto 1 Gbps

Create an efficient ecosystem for delivery & consumptions of digital services

## Real Time Governance

-  Biometrics
-  Surveillance
-  Sensors
-  Drones
-  Data Analytics



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# Electronics Systems Design and Manufacturing

# Electronics Manufacturing in Andhra Pradesh – A Snap Shot

## India

- The demand of electronic products in India is expected to grow at a CAGR (compound annual growth rate) of 16-23% between 2017-2020, thus hitting the benchmark of USD 400 billion by 2020

## Andhra Pradesh

- Andhra Pradesh boasts of a thriving Ecosystem with three existing Electronics Manufacturing Clusters , Hardware Park and a global Industrial Park Sri City supported by the best in class Fiscal Incentives and Policies
- Andhra Pradesh Accounts for 23% of India's Electronics Manufacturing and it is poised to grow to 50% by 2021
- Andhra Pradesh is Manufacturing and Assembling Globally branded Mobile Phones at the rate of 2 Mobile Phones per Second



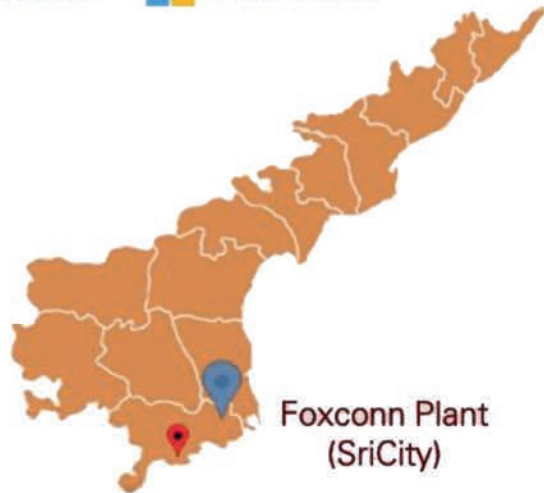


# Key Investments in Electronics and Hardware manufacturing

Home to global mobile manufacturers like Foxconn manufacturing 2 mobile phone per second

## Foxocon in Sri city

BRANDS MANUFACTURED



## Sri Venkateswara in Tirupati

BRANDS MANUFACTURED



# Sri City Electronics Cluster in Andhra Pradesh



#Sunrise  
Andhra

## SRI CITY



### Power

The state of Andhra Pradesh is a power surplus state. 132 KV and 33 KV substations are available inside Sri City



### Water

GO with AP Govt for supply of 1 TMC of water from Somasila-Kandaleru Reservoirs



### Manpower Availability

Semi Skilled	Graduates	Technical Diplomas	Technical Graduates
2,00,000	100,000	25,000	5,000



### Indicative Price of Land (per sq. meter)\*\*

**1952INR**  
this includes cost of Infrastructure up to the plot



### Availability of Land (in sq. meter)

**380,418**



### Excellent Connectivity

Sea Port	Air Port	Road	Rail
Ennore 50km	Chennai Airport 75km	55kms from Chennai located on NH-16 Golden Quadrilateral Corridor	Broad Gauge line runs alongside NH-16 Highway
Kattupalli 52km	Tirupati Airport 75km		
Chennai 65km			
Krishnapatnam 100km			



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**Pharma and Biotechnology**

# Specific focus on APIs and bio pharmaceuticals. Opportunity to access the domestic market of USD 36 Bn growing at 15% per annum

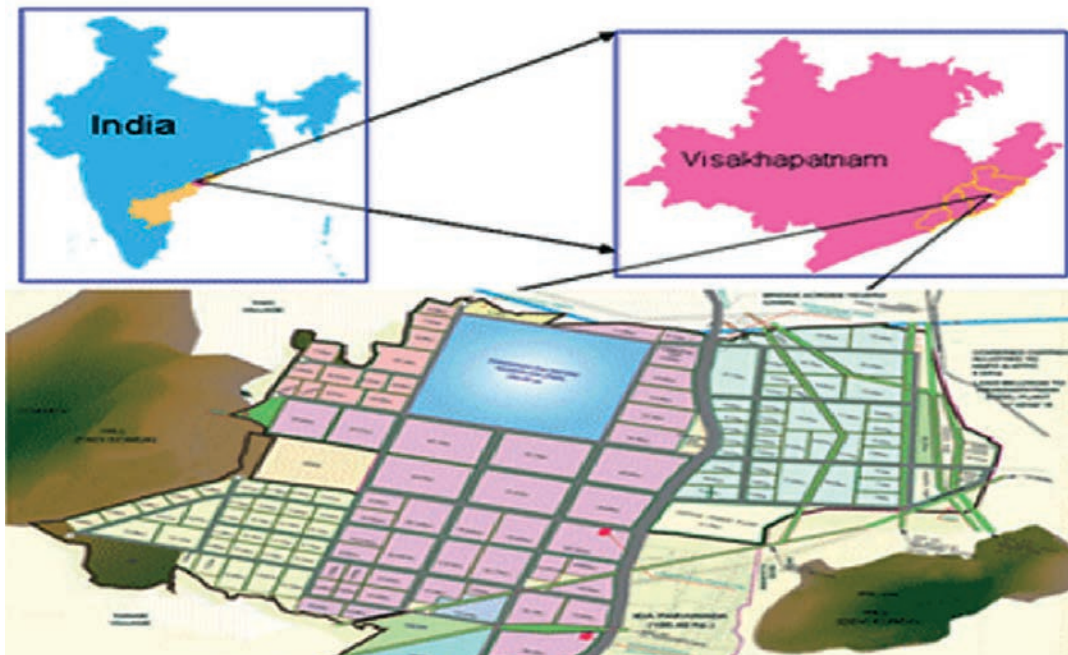
- Home to around 200 total units, 38 WHO approved units, 20 USFDA approved Pharmaceuticals units
- **Base for Global generic companies with Large base of small and medium enterprises**
- Four Mega Clusters for API/ Formulations /Fermentation / Bio Pharma/ Veterinary
- **Several are keen on investing in bulk drugs and formulations in multinationals north Andhra region**
- Pharmaceutical Investments worth more than 1 Billion in the region

## Ideal destination for Global Pharmaceutical companies, API and Intermediates companies Formulations



# Success Story

## Jawaharlal Nehru Pharma City, Visakhapatnam



- JNPC saves upto 40 % of the project cost
- Saves two years time and money
- 30% saving in Capital Investment
- 5% saving on Water Supply & Storage Investment
- 5% saving in Common Services/ facilities



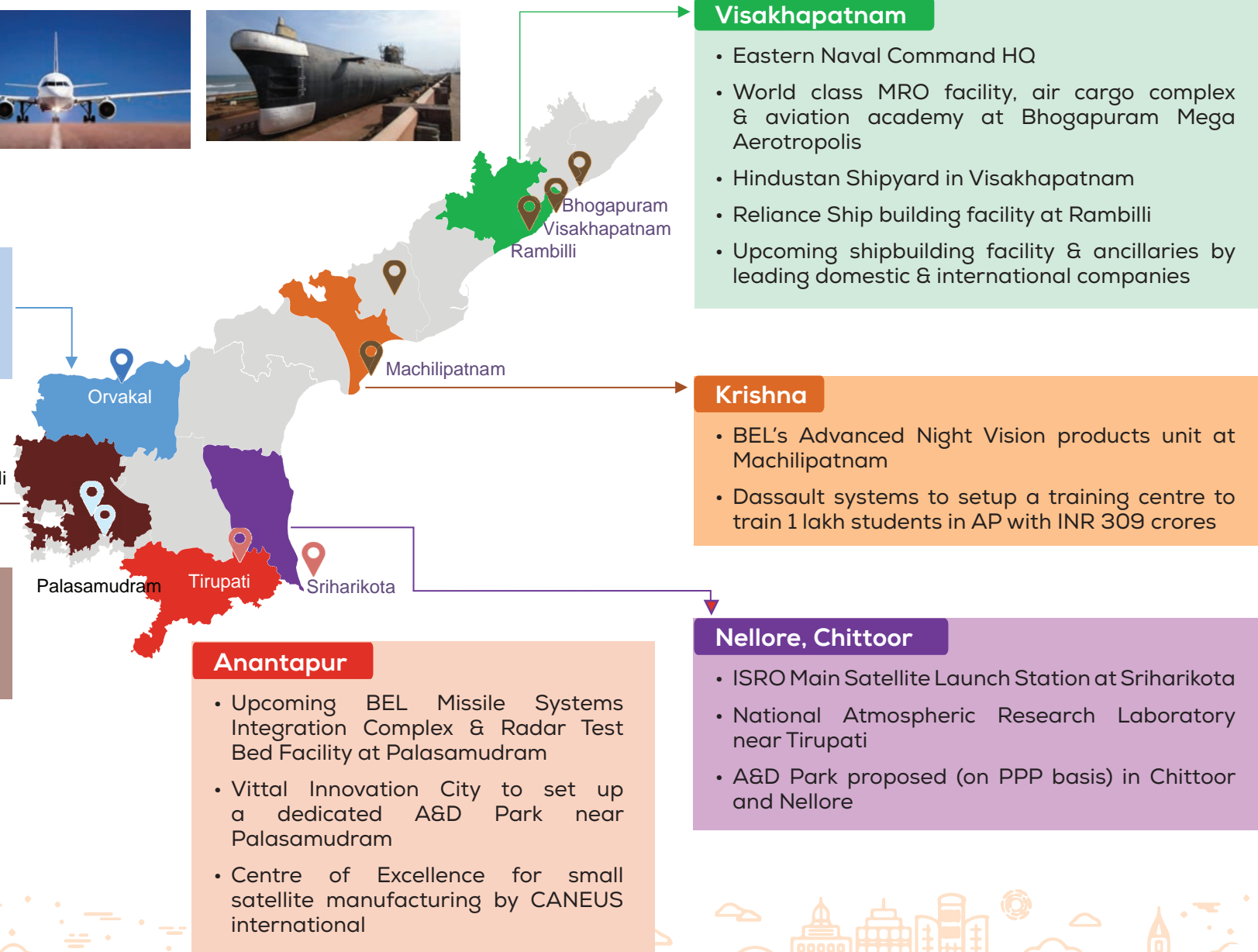
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**Aerospace and Defence**



# Aerospace & Defence Ecosystem







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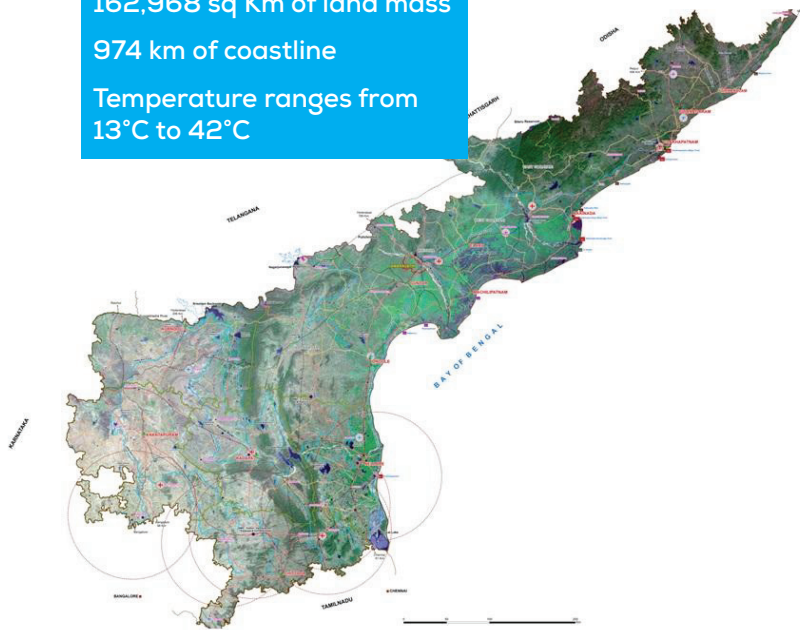


**Tourism**

# Tourism in Andhra Pradesh

Located on the southeastern coast of India. The state has a variety of natural and man made tourist attractions. Comprising of world class beaches, hill stations, forest reserves, mangroves, river-fronts, spiritual tourism etc. backed by a strong economic activity base.

162,968 sq Km of land mass  
974 km of coastline  
Temperature ranges from  
13°C to 42°C



Araku Valley



Lambasinghi



Visakhapatnam Port



Amaravati Capital City



Venkateswara Temple



Undavalli Caves



Vijayawada



Puttaparthi



Backwaters in Kakinada



Ramakrishna beach

# Hub-spoke Model of Tourism Development

The AP Tourism Authority strategically plans and organizes major events all year round to boost tourism in the state.



Araku Hot Air Balloon Festival



Vizag Yachting Festival



Amravati Theatre Festival



Kakinada Beach Festival with A.R.Rahman



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# Amaravati Capital City Project



# Amaravati – People's Capital of Andhra Pradesh





# Amaravati – Well Planned Greenfield City



**INTERIM AP SECRETARIAT COMPLEX  
AT VELAGAPUDI**

- Constructed in 6 months' record time
- 6,000 staff functioning already



"WALK TO WORK"			
			
PUBLIC TRANSPORT HUB – 15 MIN WALK	NO TRESPASSING TRAFFIC	REQUIRED SOCIAL AMENITIES WITHIN SHORT WALKING DISTANCE	VIBRANT INCLUSIVE COMMUNITY SPACES – PARKS, WATER BODIES, TOT-LOTS, SIT-OUTS ETC.



**AMARAVATI CITY**

- A city of 9 cities
- Completed Urban Planning for 27 Townships





# Upcoming Government complex at Amaravati





# Meditating Buddha in Amaravati – The People's Capital

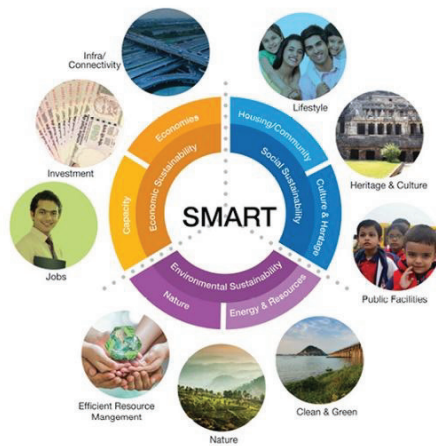




# Amaravati Smart City – Smarter than Smart

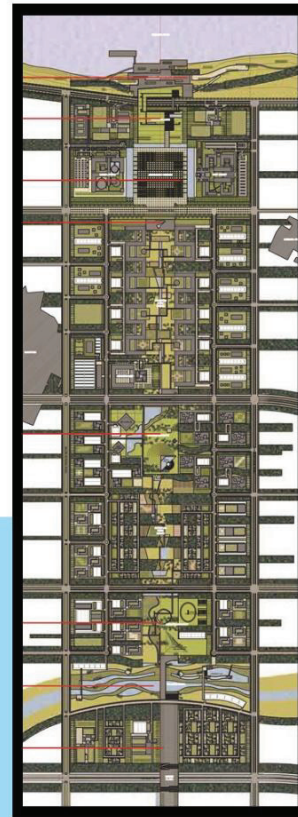
## AMARAVATI SMART CITY - SMARTER THAN SMART

### SMART AMARAVATI VISION



### SMART GOVT. COMPLEX

- Smart Visitor Management System
- G2Citizens, G2Employees & G2Business services
- Solar Panels and Smart Grids (35% solar energy)
- 100 electric buses
- Smart Infrastructure & Space Management
- Smart Parking, Intrusion free security
- Public Wi-fi hotspots & Information kiosks
- Smart Solid Waste Management (Pneumatic systems)
- Integrated Command & Control
- Integrated Digital Data Management Centre



### SMART AMARAVATI ASPIRATIONS

- 1 Smart Building Design 2 Smart Building Materials 3 Smart Water Systems
- 4 Smart Power Systems 5 Smart Waste Collection & Transport 6 Intelligent Communication Networks
- 7 Intelligent Transportation Systems 8 Smart Parking 9 Intrusion free security systems
- 10 Smart Amaravati App 11 Smart Public Wi-fi 12 Integrated Command & Control



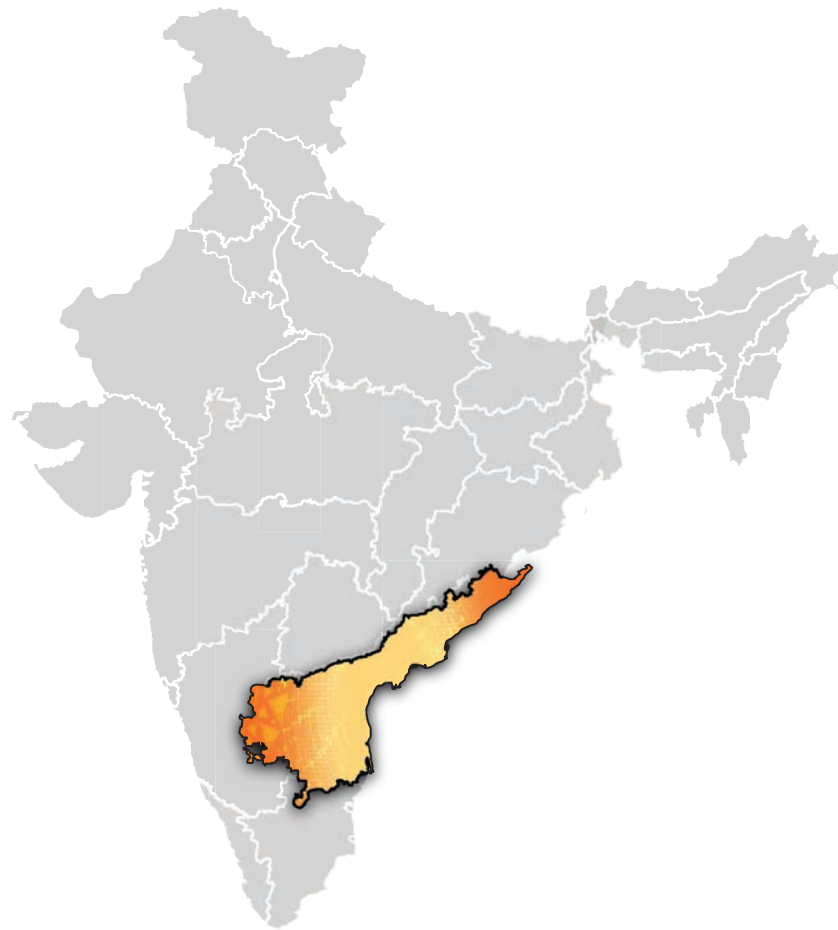
# An Ideal destination for Investments



# Economic Development Board



**Andhra Pradesh welcomes you**







**ANDHRA PRADESH**  
India's Sunrise State

**We invite you to make ANDHRA PRADESH  
as your business destination**



**J. KRISHNA KISHORE** *C.A. I.R.S.,*

Chief Executive Officer, Ex-officio secretary to Govt. of AP  
Andhra Pradesh Economic Development Board  
AP CM Camp office, Lake View House, Raj Bhavan Road  
Somajiguda, Hyderabad, India.

**Head office:**

AP CM Camp Office, Vijayawada, Andhra Pradesh, India.

Website: [www.apedb.gov.in](http://www.apedb.gov.in)

Email: [j.krishnakishore@gov.in](mailto:j.krishnakishore@gov.in); [ceo@apedb.gov.in](mailto:ceo@apedb.gov.in)

Contact no.+914023320481/91, +919948099840

