



ANDHRA PRADESH

Industrial Ecosystem

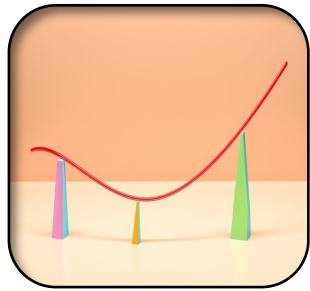
Andhra Pradesh

01

Industrial landscape



Andhra Pradesh- destination for sustainable growth & development



11.4% GSDP growth rate
(fastest in India)



2nd Longest
Coastline (**974 Km**)





70% population in
working age



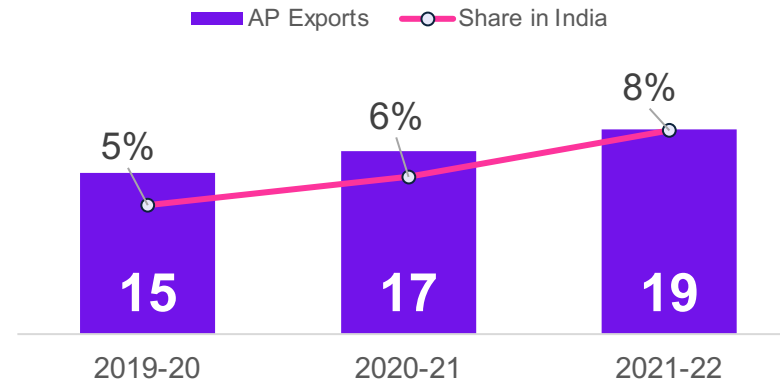
8% contribution to
Indian exports



Period between 2019- 31st Jan 2023		Large Industries	No. of units	111		MSME Industries	No. of units	1,52,558
			Investment (INR Cr)	56,535			Investment (INR Cr)	19,115
			Employment	73,286			Employment	13,63,706

Andhra Pradesh is contributing to 8% of total Indian exports

USD
19 Bn
Total Exports
2021-22

Exports from AP are growing at **CAGR of 13%** in past 3 years

Commodity	Value (USD Mn)
Marine Products	2,631
Iron & Steel	1,584
Ship, Boat & floating structure	1,293
Residual Chemicals	738
Drug Formulation	729
Rice	719
Granite & Stone	454
Spices	424

Trading Partners & Commodity basket of Andhra Pradesh

Americas



USA Brazil

USD 4,648 Mn

East Asia



China Japan

USD 2,150 Mn

South Asia



Sri Lanka Bangladesh

USD 1,255 Mn


Gulf



UAE Saudi Arabia

USD 1,153 Mn

South-East Asia



Vietnam Malaysia Indonesia

USD 1,503 Mn

Europe

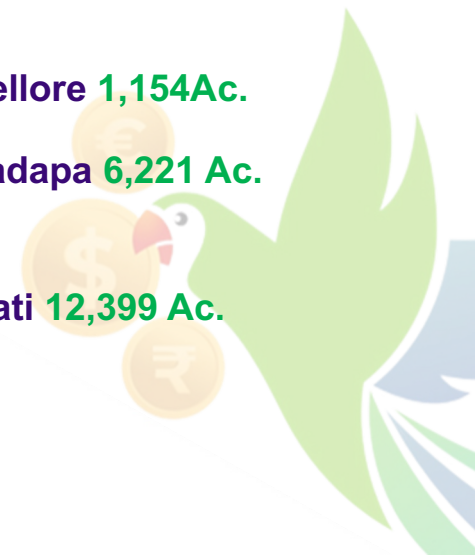
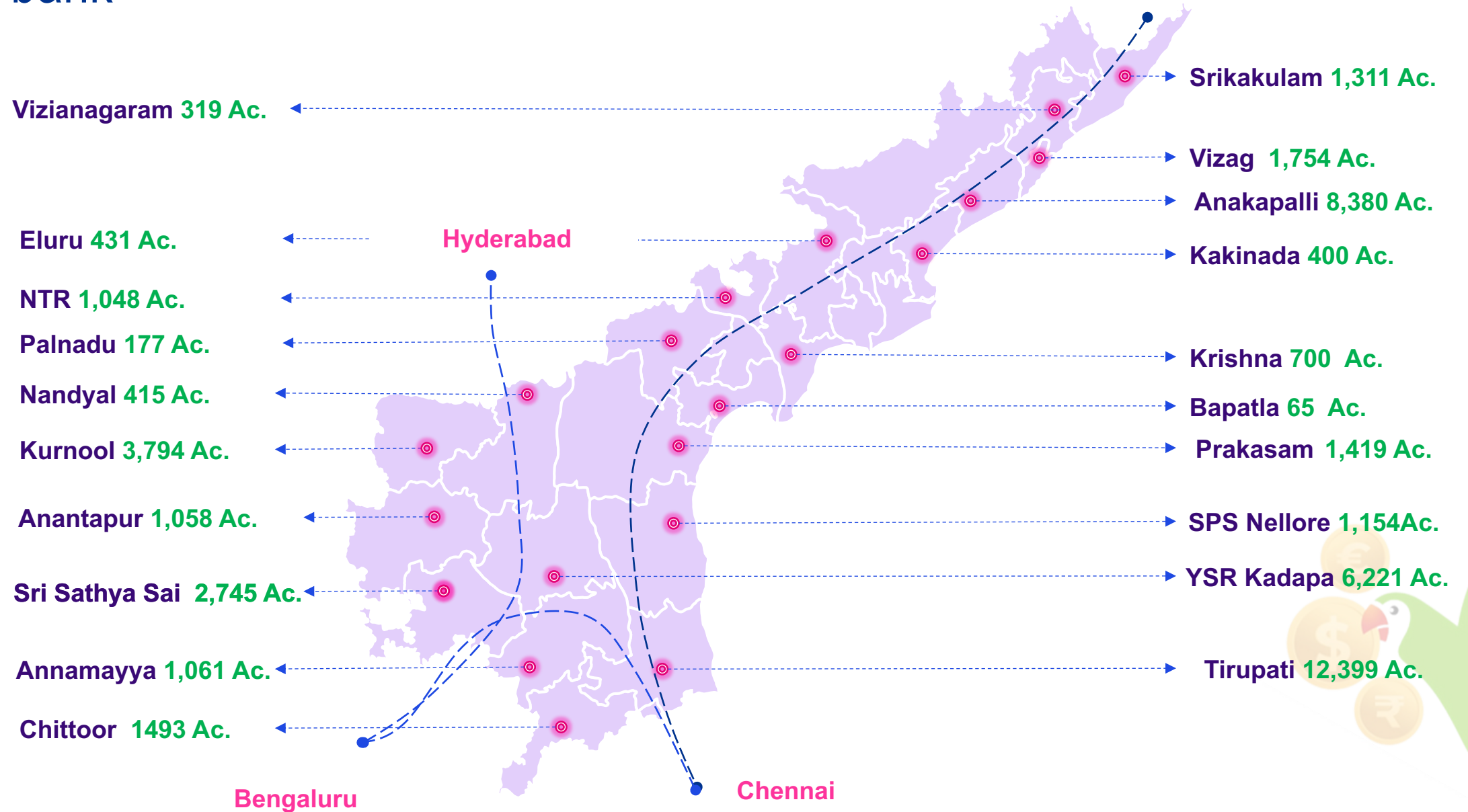


Turkie Italy Belgium

Netherlands Germany France

USD 1,590 Mn

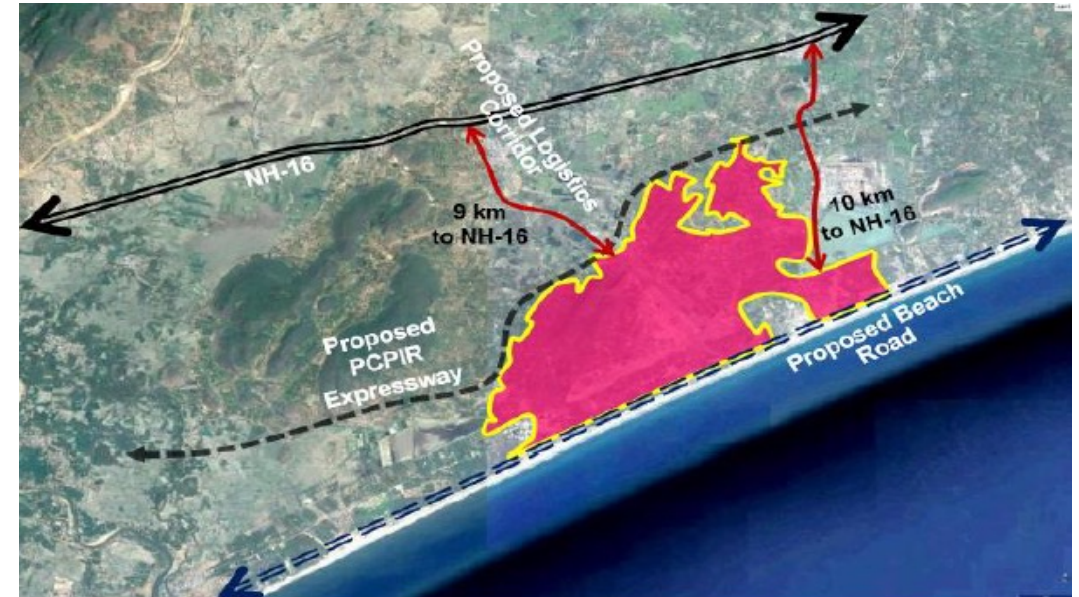
State with 3 national Industrial Corridors, across **46,555** acres of land bank



VCIC : Visakhapatnam Node



Atchutapuram (Rambilli) cluster: 2,532 Acres
Start up area: 396 acres



Nakkapalli cluster: 4,316 Acres
Start up area: 1,120 acres

Connectivity

Connectivity	Atchuthapuram	Nakkapalli
National Highway 16*	18 km	9 km
Visakhapatnam Airport	38	56
Railway station	46	64
Vizag Port	42	58
Gangavaram Port	34	54
Kakinada Port	122	108

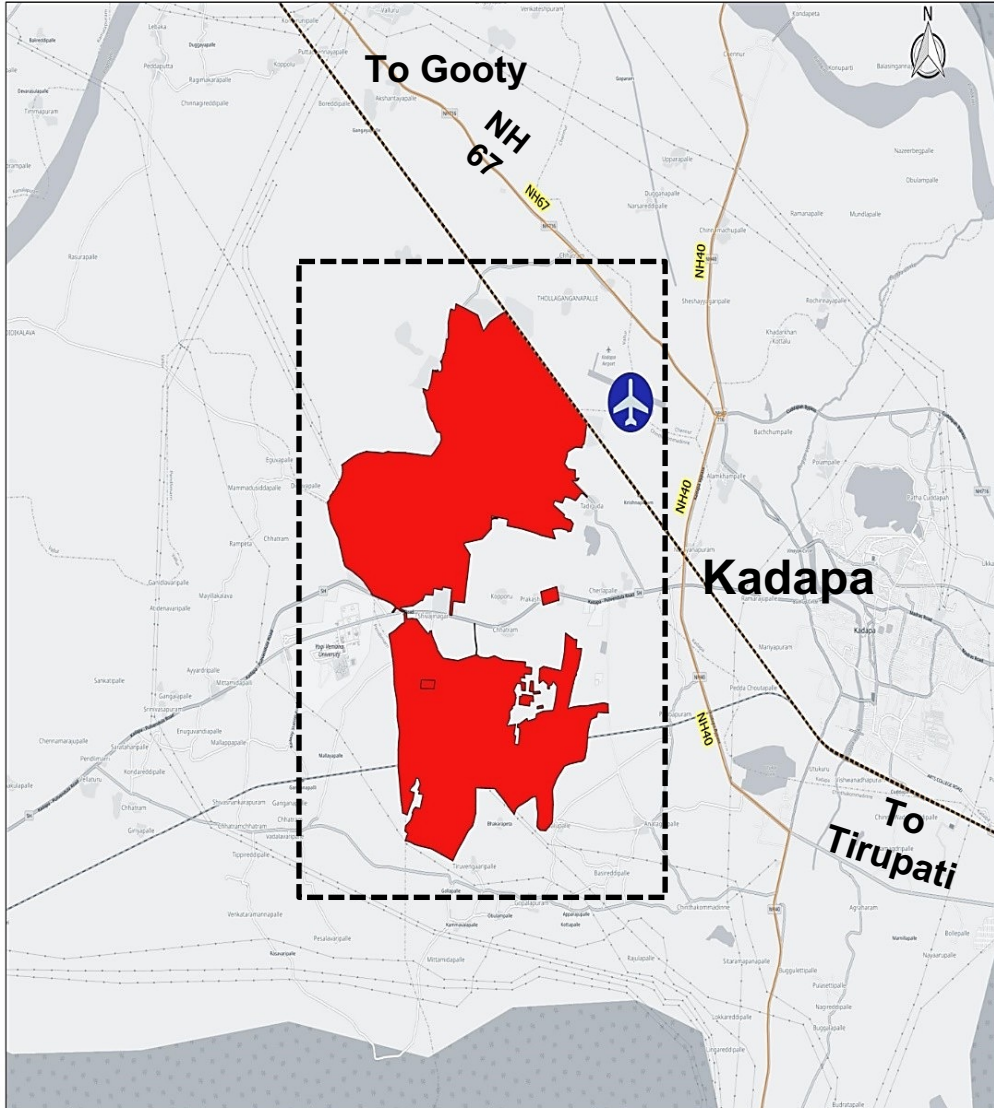
Existing & potential sectors

- Pharmaceuticals
- Electronics
- Aerospace & Defense
- High-Tech Light Engg.
- Machinery and Heavy Engg



VCIC :Kadapa Node

10kms North of Kadapa. 150Km from NH44, has highway connectivity with NH-16, NH-71, NH-67 and NH-716



Road connectivity

- Chennai 270 kms
- Bangalore 250

Railway Station nearby:

Kadapa, Guduru,
Renigunta

Airport

- Kadapa 2km
- Tirupati 140km
- Chennai: 280
- Bangalore: 250

Sea Port

- Krishnapatnam: 200 km
- Chennai: 274 km

Source of Water

- Somasila Reservoir (0.6TMC allotted)
- Now changed to Brahmasagar reservoir

Potential sectors

- Electronics,
- PV Modules,
- Medical Equipment,
- Food & Agro,
- Chemical & petro-chemical,
- Power Generation, components and R&D Center

Multi Model Logistics park proposed between Kadapa and Obulavaripalli for Port connectivity



Industrial parks are developed with excellent connectivity to seaports



Food Processing



Renewable Energy



Electronics



Petrochemicals



Medical Equipment



Apparel & Textile



Bulk Drugs

Guntur



Integrated textile parks



Spice Park



Automobile Cluster

Kurnool/Orvakal



Solar Park



Mega Industrial Hub

Anantapur/Hindupur



Solar Park

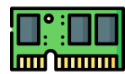


Wind Park

Chittoor/Tirupati



Integrated food parks



Electronic Manufacturing Clusters

✓ Auto and auto components ecosystem supporting EV and battery manufacturing

Krishna



Automobile Cluster



Integrated food parks

Visakhapatnam/Analkapalli



Integrated food parks



Integrated textile parks



Pharma City



Med-tech Zone

- ✓ Asia's 1st dedicated medical devices park
- ✓ Largest textile Park (Integrated)
- ✓ Home to maximum oil and gas reserve

West Godavari



Integrated food parks

Nellore



Integrated food parks

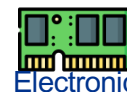


Integrated textile parks



Mega Industrial Hub

YSR Kadapa



Electronic Manufacturing Clusters



Mega Industrial Hub

- ✓ Mineral-rich base driving engineering machinery, construction and mineral industries



Incentive offerings for the industries

Category	Incentives
Micro & Small	<ul style="list-style-type: none"> • Reimbursement of 100% stamp duty • Power reimbursement of Rs. 1/- per unit for 5 years • Reimbursement of 100% net SGST for 5 years • 15% investment subsidy (up to Rs.20 lakhs) • Interest subsidy of 3% for 5 years • Reimbursement of 25% land conversion charges (up to Rs.10 lakhs)
Medium, Large & Mega Projects	<ul style="list-style-type: none"> • SGST reimbursement based on employment for 5 years <ul style="list-style-type: none"> ○ 50% reimbursement for employment below 1000 persons ○ 75% reimbursement for employment between 1000 and 2000 persons ○ 100% reimbursement for employment above 2000 persons
Women Entrepreneurs of SC/ST/BC/Minority communities	<ul style="list-style-type: none"> • Reimbursement of 100% stamp duty • 50% rebate on land cost (up to Rs.20 lakhs) located in IE/lps for MSEs • Power reimbursement of Rs. 1.25 ps. per unit for 5 years • 35% investment subsidy up to Rs.50 lakhs for MSEs • Interest subsidy of 3% for 5 years • Reimbursement of 25% land conversion charges (up to Rs.10 lakhs) • SGST Reimbursement for 5 years: <ul style="list-style-type: none"> ○ 100% for MSEs ○ 75% for Medium enterprises and ○ 50% for large enterprises


Incentives offered in Industrial Policy


Capital Investment	Interest Subsidy
Stamp duty exemption	SGST reimbursement
Land cost incentive	Power tariff concession
Land tax/conversion charge exemption	


Customized policies for various sectors needs

Industrial Development Policy 20-23
New IDP policy will be released shortly

Underprivileged

YSR Jagananna Badugu Vikasam 20-23



Mega Industrial Hub Policy 20-23



AP Retail Parks Policy 21-26


M-Parks Policy 18-23


Industrial Parks

Sector specific

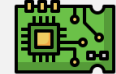
Bulk Drug Park Policy '20


Information Technology Policy 21-24



Food Processing Policy 20-25


Electric Mobility Policy 18-23


Tourism Policy 20-25



Electronics Policy 21-24


Export Promotion

Export Promotion Policy 22-27


Logistics Policy 22-27


Renewable Energy

Pumped storage Power promotion policy '22


Renewable Energy export Policy 20-25


02

Sectoral strengths & Opportuniti es



Andhra Pradesh is providing 360° support for expansion of business

Conducive Business Environment

Average time to start a business is brought down to 21 days.

Strategic Location

Located in close proximity to demand centers such as TN, KA, Orissa, & TS.

Quality Power & water availability

Power surplus state with 25 GW installed power generation capacity

Low cost of Business

Lowering capital costs through Lease-cum-buy model for industrial land allotment.



Robust Industrial Infrastructure

534 Industrial Estates with power, water, ETP, STP, plug-and-play facilities

Strong Logistics Infrastructure

“Top achiever in Logistics Ease”, as per LEADS 2022 report.

Industry ready skilled workforce

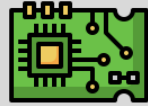
Abundant availability of skilled youth (50,000+ on average).

Raw material availability

Food Bowl of India, Treasure house for 48+ minerals, largest producer of cotton & silk

Opportunities & Strengths - Electronics

Electronics



Strengths

>3.5 million cell phones are produced every month in Andhra Pradesh

Production capacity to manufacture 3 million TVs every year

4 existing EMCs: Tirupati (2), Sricity (1), and greenfield in Koppaerthy (1)

Clusters from Japan, Taiwan, China, and South Korea

Key Investments

FOXCONN

TCL

flex

WINGTECH

Dixon



舜宇光电(印度)
SUNNY OPOTECH (INDIA)

HAVELLS

DAIKIN
AIR CONDITIONERS

FXLIX

CEIC 中国电科

Karbonn

Neolync

NUCLEUS
SATELLITE COMMUNICATIONS

Investment Opportunities

Silicon Wafers, PCBs, Consumer Electronics, Electronic Components, IT & Hardware design, Mobile components, Batteries, Solar Cell and Modules, Telecom equipment

Opportunities & Strengths – Agriculture & Food Processing

Agri & Food Processing



Strengths

No. 1 in the production of Oil palm, Papaya, Lime, Coconut, Cocoa, Tomato, Chilies, Egg, Fish, and Shrimp in FY 2021-22

Primary Sector growth rate of 11.27% in FY 2021-22

Exports for Agri & Food processing for FY 2021-22 registered a growth of 5.95%

Commodity-based Food parks in Krishna, Guntur, Nellore, & Chittoor, with 15 MT food grains, 18 MT fruits

Key Investments



Investment Opportunities

- Strengthen FPOs, High value processed products for exports, Sea Food Parks with Fish Processing Centers
- Packaging Technology, Cold Chain, Food Testing Labs, Agri-equipment Manufacturing

Opportunities & Strengths – Pharmaceuticals & Life Sciences

Pharmaceuticals & Life Sciences



Strengths

Home to 250+ APIs/Bulk Drug units - 38 WHO approved, 20 USFDA approved

16% of India's production value – USD 6.3 bn and 6% of national exports – USD 3.5 bn

Attracted over USD 2.5 Bn as of FY 21-22, generating 88,984 direct employment

Four pharma clusters: JNPC, APSEZ Atchutapuram, Pydibhimavaram, & Naidupeta

Key Investments



Investment Opportunities

- APIs, Biosimilars, Specialty drugs, Clinical R&D
- AMTZ – India's 1st Integrated Medical Devices Manufacturing Park

Opportunities & Strengths – Petroleum & Petrochemicals

Petroleum & Petrochemicals



Strengths

Largest (PCPIR) approved by the Government of India of 640 sq. km

5,100+ MSMEs operating across value chain in the state

HPCL refinery upgrade from 8.33 MMTPA to 15 MMTPA

3 major ports in PCPIR region are equipped with liquid cargo handling & pipeline infrastructure

Key Investments



Investment Opportunities

Opportunity to build Self-sufficiency in Petrochemical Intermediates and drive downstream industries

Opportunities & Strengths – Industrial & Logistics Infrastructure

Industrial & Logistics Infrastructure



Strengths

Largest (PCPIR) approved by the Government of India of 640 sq. km

5,100+ MSMEs operating across value chain in the state

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Key Investments

KOBELCO

ALSTOM

ROCKMAN

THK
The Mark of Linear Motion

VISAKHAPATNAM
PORT LOGISTICS PARK LTD
A Bharat Laxmi-Visakhapatnam Port Trust JV



OM LOGISTICS LTD.
Making Business Simple
(An ISO 9001: 2008, 14001: 2015 Certified Company)

TCI EXPRESS
LEADER IN EXPRESS

ARUNACHALA

Flipkart



INDOSPACE

a GLP joint venture



Visakha Container Terminal

SIEMENS Gamesa

Investment Opportunities

Multi-Modal Logistics Parks (MMLPs) at Anantapur & Visakhapatnam, Port-led industrialization, Port-led Modernisation, Port Connectivity, Coastal Community Development & Coastal Shipping and inland waterways

Opportunities & Strengths – Automobile & Electric Vehicles

Automobiles & Electric Vehicles



Strengths

Strong auto ancillary ecosystem & focus on Electric Vehicle public transportation

Home to major auto investments from South Korea, Japan, and Taiwan

Home to major auto investments from South Korea, Japan, and Taiwan

Visakhapatnam, Vijayawada, Amaravati and Tirupati identified as Model Electric Mobility cities

Key Investments



Brakes India Private Limited



Investment Opportunities

Opportunities for OEMs, Electric Vehicles (2W/4W) & Components, Advanced Cell Batteries, Charging/ Swapping stations, Auto electronics, etc

Opportunities & Strengths – Aerospace & Defence

Aerospace & Defence



Strengths

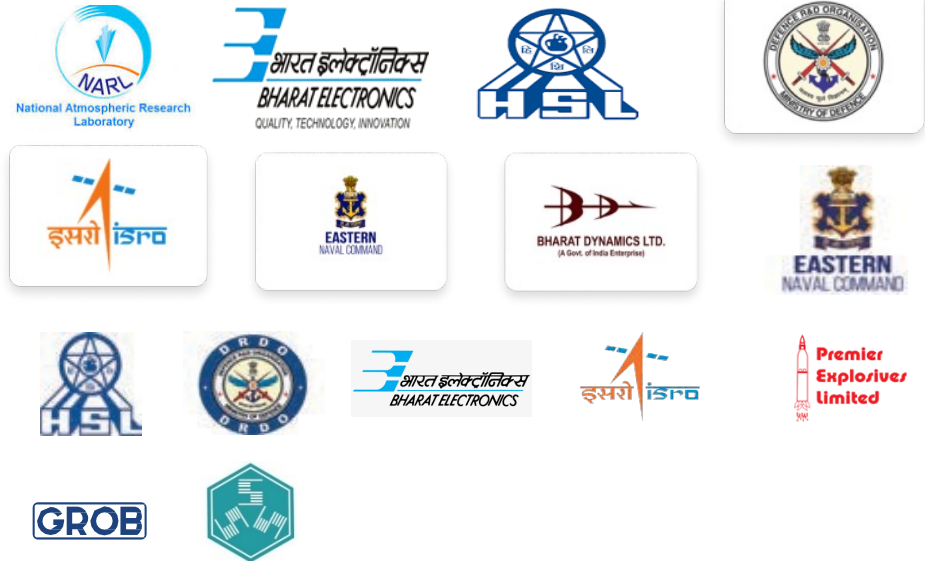
Home to Satish Dhawan Space Centre SHAR, operated by the ISRO in Sriharikota

Ecosystem for large-scale shipbuilding & ship repair, supporting overhauls of Indian Navy submarines

Stump Schuele Casings's (SSC) upcoming Ammunitions manufacturing in Anantapur

Premier Explosive's upcoming Solid Rocket Propellant Plant in Nellore

Key Investments



Investment Opportunities

Opportunity for **Aerospace & Defence manufacturing industries** with Heavy Mineral Beach Sand (HMBS) a source for minerals such as Ilmenite and metal-grade Titanium and a dedicated infrastructure

Opportunities & Strengths – Renewable Energy

Renewable Energy



Strengths

9 GW of renewable power installed capacity

Rich renewable energy hubs, carrying the potential for setting up 38 GW in solar, and 44 GW in wind

29 locations identified for Pumped Hydro Storage Power Projects, carrying a potential of 33.2 GW

Key Investments

greenko

adani

ReNew
POWER

ENGIE

axis
energy

HERO
FUTURE
ENERGIES
planet positive power

TATA

enel
Green Power

ACME
Leading Through Innovation

AYANA
RENEWABLE POWER PRIVATE LIMITED

spring
ENERGY

Azure Power®

JSW Energy

ADITYA BIRLA GROUP

एनटीपीसी
NTPC

AVAADA

First Solar

frv

actis

Investment Opportunities

Opportunity for industries in Green Energy Sector, Solar PV Manufacturing, Green hydrogen and Green ammonia

03

Andhra
Pradesh
Global
Investors
Summit
2022



Cordially inviting you to AP Global Investors Summit 2023

Date



3rd – 4th
March 2023

Venue



Andhra University
College Grounds
Visakhapatnam, AP

ACTIVITIES AT THE SUMMIT

Inaugural & Valedictory
with delegates

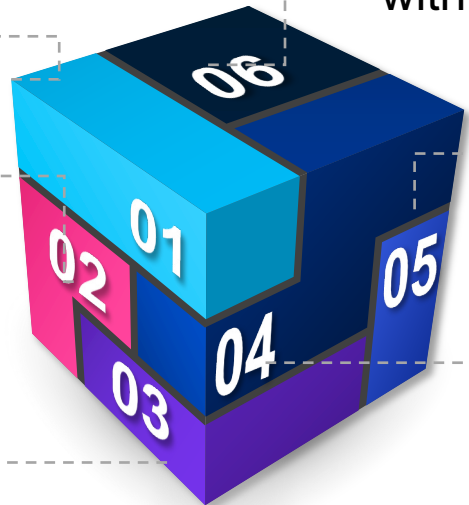
Sector sessions
with leaders

Industry
Engagements

G2B & B2B
Meetings

State Pavilion
& Exhibitions

Gala dinner &
Cultural performance



Advantage Andhra Pradesh *Where Abundance meets Prosperity*



Agriculture &
Food Processing



Aerospace &
Defence



Automobile &
Electric Vehicles



Textiles &
Apparels



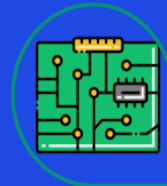
Pharmaceuticals &
Life sciences



Industrial & Logistics
Infrastructure



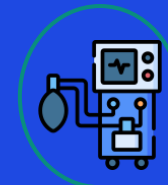
Petroleum &
Petrochemicals



IT &
Electronics



Start-up &
Innovation



Healthcare &
Medical Equipment



Renewable
Energy



Tourism &
Hospitality



Skilling &
Education

OUR FOCUS SECTORS



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**THANK
YOU**