



Welcome

“A Theme Based Pharma Industrial Park”

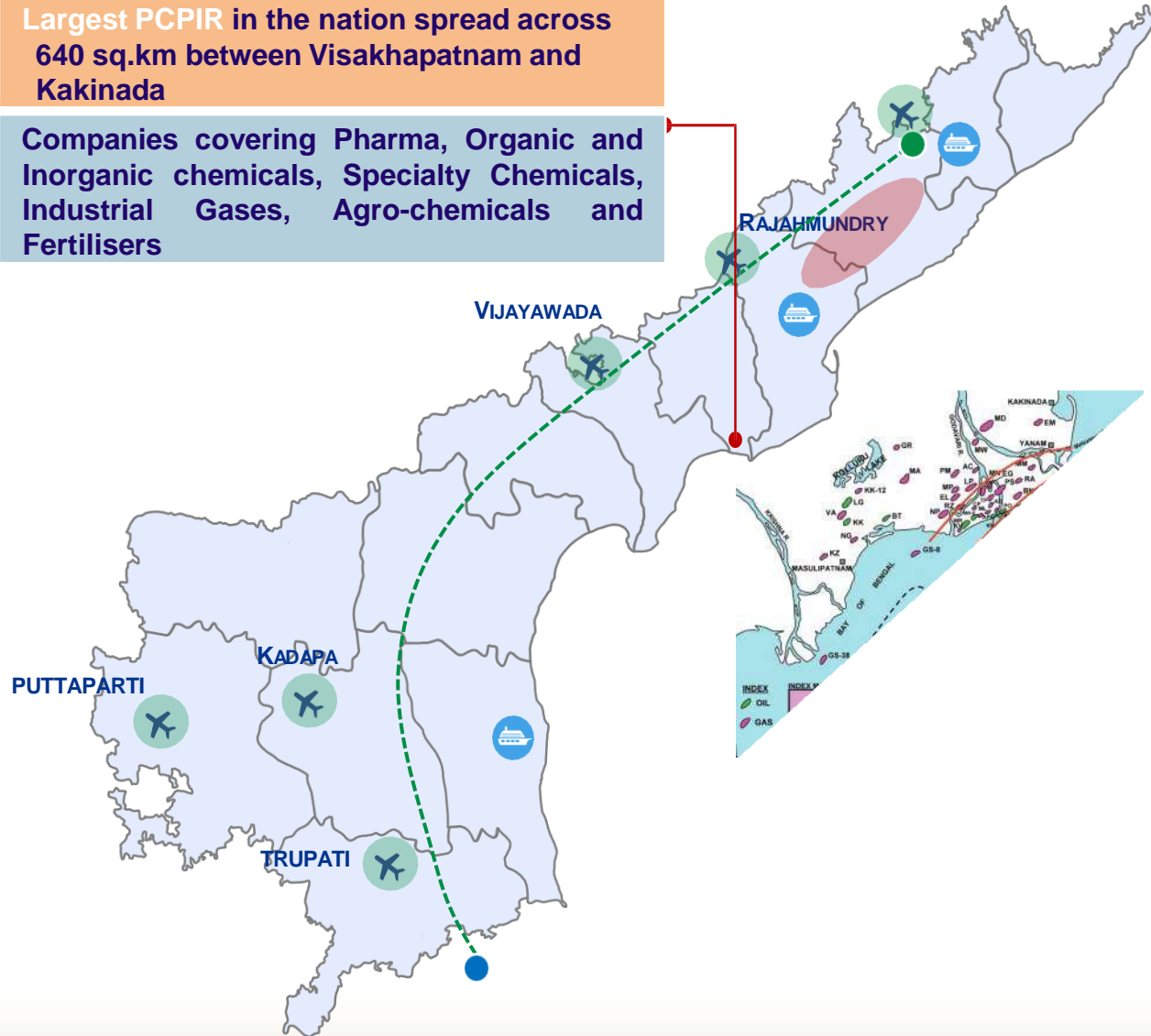
VKPCPIR- Region



Dr. P P Lal Krishna
CEO & MD

Largest PCPIR in the nation spread across 640 sq.km between Visakhapatnam and Kakinada

Companies covering Pharma, Organic and Inorganic chemicals, Specialty Chemicals, Industrial Gases, Agro-chemicals and Fertilisers



640 Sq.km
Largest Petroleum, Chemicals and Petrochemicals Investment Region in India

Major Oil & Gas, Chemicals, Petrochemicals & Agro Chemicals Companies





Jawaharlal Nehru Pharma City



BACKGROUND



Overview - Pharma City

- ✓ GoAP appointed APIIC as nodal agency to develop the project vide G.O.Ms.No.501 dated 24.09.2001. APIIC appointed consultants to advise on the Project Development and have involved BDMA
- ✓ GoAP initiated a sector specific industrial park for Pharma and Bulk Drug Industries, to be developed under PPP model on BOO basis.
- ✓ A Public – Private Partnership initiative by the Government of Andhra Pradesh and Ramky Group to develop Pharma City as an exclusive hub of Bulk Drug, Pharmaceuticals, Chemical and Allied Industries.
- ✓ Ramky Group won the global bidding on a BOO basis and M/s APIIC has identified and allotted 971.66 ha. for development.
- ✓ M/s APIIC (Andhra Pradesh Industrial Infrastructure cooperation) and Ramky Group have formed a consortium to launch a Special Purpose Vehicle “**Visakha Pharmacy Limited**”
- ✓ Pharma City was named as Jawaharlal Nehru Pharma City by Government of Andhra Pradesh vide G.O. Ms. No. 52 Ind.& Comm. (INF). Dept., Date 21.2.2005.
- ✓ **Visakha Pharmacy Limited**, as a developer launched a Pharma Sector Specific Special Economic Zone in an extent of 247 ha vide Gazette Notification No.547 ,dated 10.5.2007



G.O.Ms.No.501 dated 24.09.2001

ED (PHIB)
27 SEP 2001
APIC, HYD.

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT
SM (D) PESJE

Industrial Policy - Bulk Drugs and Pharmaceutical field - Appointment of Consultants to the Proposed Pharma Park at Parawada, Visakhapatnam - Orders - Issued.

Industries & Commerce (IP) Department

G.O. Ms.No.501

Dated: 24-9-2001
Read:-

- From the Bulk Drug Manufacturers Association representation dt:19/11/1999.

ORDER:-

In the reference read above, the Bulk Drug Manufacturers Association submitted certain proposals so as to retain the leading position of the State and continue to be a Global Player in the next millennium.

2. In order to assist the industry a Task Force has been constituted under the Chairmanship of Chief Minister vide G.O.Ms.No.381, Industries & Commerce (IP) Department, dated:18.7.2000.

3. In a meeting with the Chief Minister on 16.5.2001, the issues pertaining to development of Pharma sector were discussed with all concerned. It was suggested to establish a world class industrial park for Pharma Sector in an extent of 2,000 - 5,000 acres between Kakinda and Srikakulam coastal belt. Accordingly a 5 member team consisting of Member Secretary, A.P.Pollution Control Board; Executive Director, APIC, President, Bulk Drug Manufacturers Association, President, Indian Pharmaceuticals Association and Chairman, Chemexil visited Srikakulam and Visakhapatnam areas and given their recommendations. Thereafter a meeting was convened by Minister, Major Industries on 10.9.2001 and it was recommended that APIC may develop the parawada industrial area (Visakhapatnam district) by segregating the existing units and make a compact and distinct lay out for pharma and chemical park. It is further recommended that the proposed pharma and chemical park may be developed with private sector participation on commercial basis.

4. Accordingly Government has decided to develop a Pharma & Chemical Park with the assistance of the consultants through private sector participation/Joint Venture Partner. The APIC Ltd., may segregate the existing units so as to make a compact and distinct lay out for the pharma and chemical park in Parawada industrial area and also acquire additional land for phase II development.

5. Since Ernst & Young were appointed as consultants earlier and they have done preliminary work, to save time, Government decided to continue them for identification of developer under the over all control of APIC Ltd.

6. The A.P.Industrial Infrastructure Corporation Limited Will execute the Project in a specified time frame.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

T.GOPALA RAO,
PRINCIPAL SECRETARY TO GOVERNMENT AND
COMMISSIONER FOR INDUSTRIAL PROMOTION

- To
- The Vice Chairman & Managing Director, A.P.Industrial Infrastructure Corporation Ltd., Hyderabad.
 - The Commissioner of Industries, Hyderabad.
 - The Member Secretary, A.P.Pollution Control Board, Hyderabad.
 - The President, Bulk Drug Manufacturers Association, Hyderabad. 362, Brama Enclave, Koolha, E hospital, Swend
 - The President, Indian Pharmaceutical Association, Hyderabad. 310, Brinjalaya Estate, Anaparthi - 12
 - The Chairman, Chemexil, Hyderabad. 507 A, Aditya Enclave, 1st/2nd Block, Anaparthi - 528
 - The Pay and Accounts Officer, Hyderabad.
 - The Accountant General, A.P.Hyderabad.

- Copy to
- The Collector & District Magistrate, Visakhapatnam.
 - The P.S.to Minister (Major Industries).
 - The P.S.to Principal Secretary to C.M.
- SF/SC.

// FORWARDED BY ORDER //

T.G. Ramakrishna Rao
SECTION OFFICER
25/9/2001

304
emb 1/10
[Handwritten signatures and initials]



Sustainability of Industrial Parks

Digitalization



04

Socially Sustainable



01

Economically Sustainable



03



Environmentally Sustainable

02



Industrial Parks are Developed on 4 Pillars





External Infrastructure

The Nearest major Road corridor is the National Highway No.5	2 Km	
Vizag Airport	20Kms	
The nearest seaport – (Gangavaram)	20Kms	
India railway connectivity – (Duvvada railway station)	8 Kms	
Water supply canal (Yeleru)	1 Km	
Seacoast	16 Km	
NTPC Thermal Power plant	6Kms	
National Power Corridor	3KM	



Internal Infrastructure and facilities available at JNPC

Physical Infrastructure

Environmental Infrastructure

Civil Infrastructure

Social Infrastructure



Internal Infrastructure

Physical Infrastructure

- 971.66 Ha. Industrial Park
- 36 KM all weather road network
- 40 Km Effluent conveyance system
- 34KM water pipeline network
- 62 Km power distribution network
- Waster reservoir & Tanks
- 2 Electrical substations (33/11KV)
- 1000 ML capacity of summer storage tank
- 95 km power distribution system
- Dedicated power feeders
- 993 Electrical poles
- 1095 street light poles



Civil Infrastructure

- Emergency Medial centre on 24x7 basis with ambulance facility
- Specially fire tender to fight chemical and hazardous fires
- SBI Bank setup with ATM's
- BSNL exclusive telephone exchange
- Police station , parking bay
- India post office
- Diesel dispensing outlet
- Central cafeteria
- Sprawling shopping arcade
- Administrative Block
- Club House & Guest house
- Exclusive R&D centre
- Solvent recovery facility



Environmental Infrastructure

- Green Belt of 143 HA.
- 12 MLD Capacity Effluent Treatment Plant with Multiple Effect Evaporator
- Hazardous Waste Management
- Secured Landfill of 2 lacs TPA
- Incinerator of 5.5 MK Cal/Hr
- 20 MLD Water Treatment Plant
- 2 Marine outfall on shore pipelines (16 K.M each)
- 2 Marine outfall off-shore pipeline (1.7 Km each)



Social Infrastructure

- Exclusive Housing colony for pharma employees
- Training and development works for rehabilitation through Ramky foundation
- 32000 employment so far and opportunity for another 10000.
- Emergency health services
- Fire station equipped with fire tender





Major Advantages of JNPC

Save up to 40% of the Project Cost



The requirement of the land is less compared to the any other green field project.



COMPLIANCES ON ENVIRONMENTAL SYSTEMS

AIR POLLUTION MEASURES

CAAQM - continuous ambient air quality monitoring stations around the park are in operation (3no's)

CAAQM systems are placed in Thadi Village, Thanam Village and SEZ are connected to central console and also linked to APPCB Web site

Ambient air quality monitoring with high volume air samplers around the treatment plant facility regularly

Analyzing & Recording of monitoring Air pollution in and around 5 KMS of JNPC - Quaterly Audit by Andhra University - 2014 - Report Attached

SEA POLLUTION MEASURES

Analyzing and auditing the SEA POLLUTION contaminations if any by M/s. National Institutes of Oceanography (NIO) - Report Attached

WATER POLLUTION

conducting of Water Balance Audits to all Member Industries by M/s. Indo German Institute of Advanced Technology - Report Attached

Analyzing & Recording of monitoring ground water around 5 KMS of JNPC - Quaterly Audit by Andhra University - 2014 - Report Attached

Treated waste water quality is monitored using with online monitoring instruments before discharging in to the Sea (TOC- Total Organic Content)



Business Support

1. To facilitate and give more services to the member units VPCL established 100% subsidiary of Pharma R&D center on the name of RECEPS for molecule development, testing and supply of APIs/Intermediates.
2. VPCL also planning to establish 100% subsidiary for generation of electrical power and steam energy on the name Visakha Energy Limited for the cost effective operations of VPCL and member units
3. VPCL also planning to establish Visakha Innovation and Incubation Ltd for the growth Pharma manufacturing and supply with an aim of quality medicines with affordable cost to the global community





Achievements



Eco- Industrial Park - Only one Industrial park in state of Andhra Pradesh, selected by **UNIDO**

Industrial Park Rating System 2.0: Key Findings I
Industrial Infrastructure: A Key Enabler for Economic Development

3.2.2 Rating for SEZs nominated where response was received from more than 15 percent tenants

The section²² presents findings from the rating exercise at the aggregate level for SEZs.

Leaders

Figure 24 presents the details of 13 best performing zones where the response was received from more than 15 percent tenants.

Figure 24: Leaders - SEZs with the highest level of aggregate performance

Sr.	Name of SEZ	Region	Ownership/ End-Use
1	AEQUS SEPECIAL ECONOMIC ZONE, Karnataka	South	● ●
2	BIOCON SPECIAL ECONOMIC ZONE, Karnataka	South	● ●
3	BRANDIX INDIA APPAREL CITY P LTD., Andhra Pradesh	South	● ●
4	Cheyar SEZ Developers Pvt Ltd, Tamil Nadu	South	● ●
5	COCHIN SPECIAL ECONOMIC ZONE, Kerala	South	● ●
6	Jubilant Infrastructure Limited, Gujarat	West	● ●
7	KANDLA SPECIAL ECONOMIC ZONE, Gujarat	West	● ●
8	LARSEN & TOUBRO LIMITED SEZ, Tamil Nadu	South	● ●
9	Mahindra World city (Jaipur) Ltd, Rajasthan	West	● ●
10	MAHINDRA WORLD CITY DEVELOPERS LIMITED, Tamil Nadu	South	● ●
11	MANGALORE SPECIAL ECONOMIC ZONE, Karnataka	South	● ●
12	RAMKY PHARMACY INDIA LIMITED SEZ, Andhra Pradesh	South	● ●
13	SRICITY SEZ, Andhra Pradesh	South	● ●

● Private ● Public ● Sector Specific ● Mixed

From Figure 24, it is evident that:

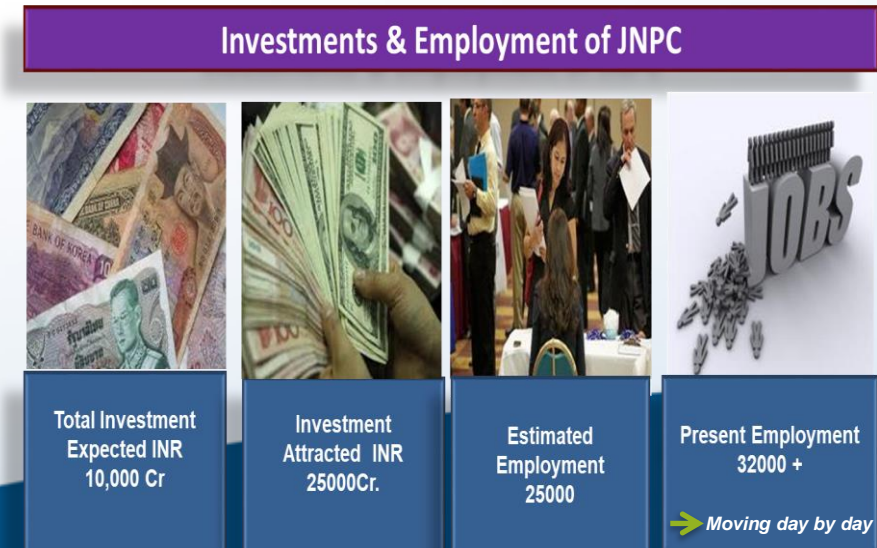
- Zones from the Southern (Andhra Pradesh, Karnataka, Kerala, and Tamil Nadu) region constitute about 77 percent of the zones identified in this category. Other states finding representation in this category include Rajasthan and Gujarat in the Western region.

Ramky Pharmacy had been rated as the Leaders – SEZs with highest level of aggregate performance category by DPIIT IPRS 2.0 Report 2021



Success Story of JNPC

1. Concession Agreement made during the year 2004
2. Operations started during the year 2008-09
3. As on today land occupied to about 86% of the park capacity
4. Employment provided to the tune of 32000 people and indirect employment is several times
5. Investment brought to pharmacy is about Rs 25000 Cr
6. Occupants are from Innovators, Generic companies, Indian giants, multinational companies & first generation entrepreneurs
7. Continual improvement in upgrading technologies and facilities to meet the customer requirements
8. This project is undertaken under PPP model with private participation and this is one of the successful pharma park in India



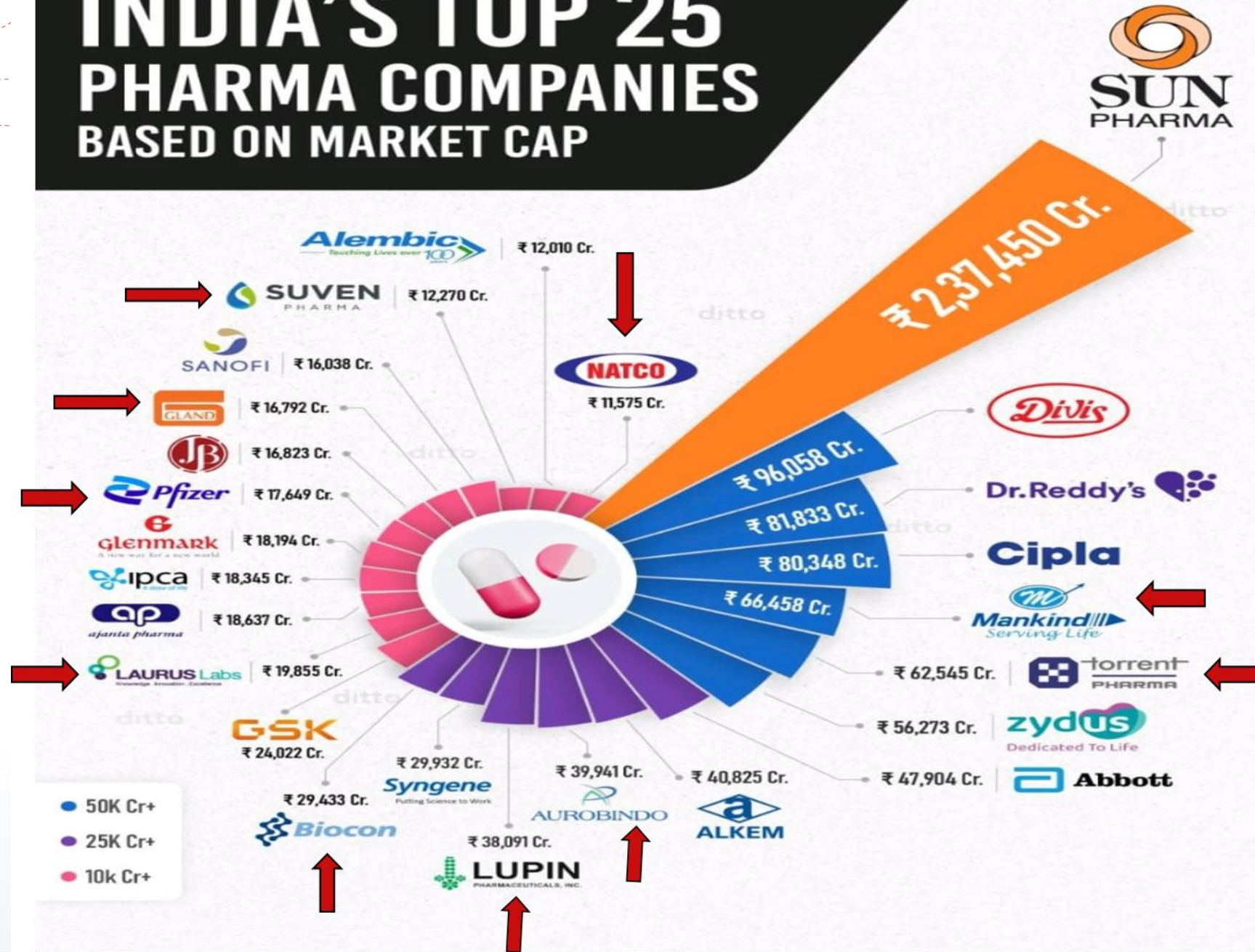


Clientele list of JNPC

The image displays a comprehensive list of pharmaceutical and chemical companies, each with its respective logo. The logos are arranged in a grid-like fashion across the page. The companies listed include:

- Pfizer
- Pharmazell
- Eisai
- Mylan
- LUPIN
- AUROBINDO
- Biocon
- Aj BIO-PHARMA SERVICES
- GVK BIO
- torrent PHARMA
- LAURUS Labs
- Corey Organics Pvt Limited
- NATCO
- GENANTI
- ALIVIRA
- KR
- peric
- SAJNOR
- RAKSHIT
- EMERGENT
- SHRI PHARMACEUTICALS LIMITED
- SUVEN Life Sciences
- SYNTHOKEM LABS PRIVATE LIMITED
- VASUDHA PHARMA CHEM LIMITED
- Mahidhara Chemicals Private Limited
- VIJAYASRI Organics Limited
- VISHNU CHEMICALS LTD
- ELLENBARRIE INDUSTRIAL GASES LTD
- Minerva Flavours & Fragrances
- SNF INDIA
- Smilax
- SRI VYJAYANTHI LABS
- STYRAX PHARMA
- A.R. Life Sciences Pvt. Ltd
- Arora Matthey Limited
- VANNSH Life Sciences
- SYNERGENE
- SIONC PHARMACEUTICALS PVT. LTD.
- ADMIRON LIFE SCIENCES PVT LTD
- AKTINOS
- FOREL LABS
- JPR Labs Private Limited
- Lohitha LifeSciences
- Actis Generics Pvt Ltd
- virchow
- METROCHEM API PRIVATE LIMITED
- The Andhra Sugars Limited. Venkatarayapuram, Tanuku, India
- SIPRA LABS LIMITED
- SHODHANA LABORATORIES LIMITED
- We Deliver Customized Volume & Quality

INDIA'S TOP 25 PHARMA COMPANIES BASED ON MARKET CAP

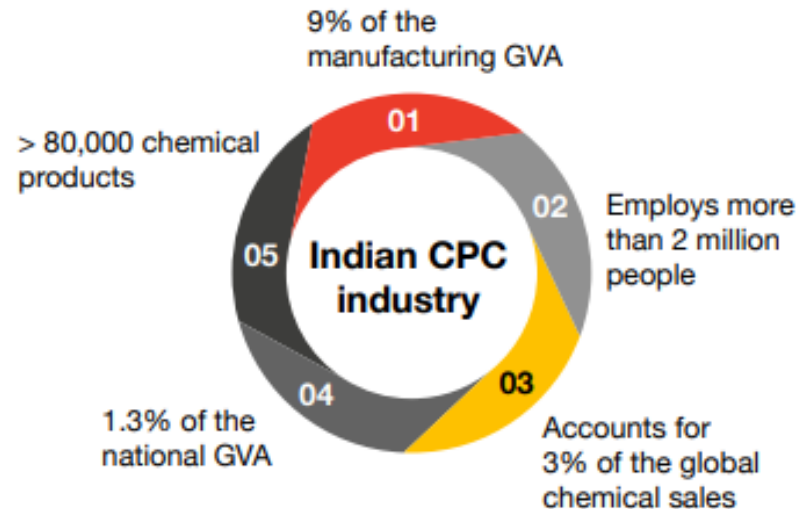


Indian Scenario of Chemical and Petrochemical Industry

India is perceived as a competitive and high-quality manufacturing country in the international market. India ranked sixth among the manufacturing countries and amongst the most competitive economies in South Asia

Growth drivers

- Increasing middle class and working population
- Increasing focus on R&D
- Headroom for per capita consumption
- Energy efficiency
- Increasing adoption of specialty products



Emerging trends

Shift in customer preferences

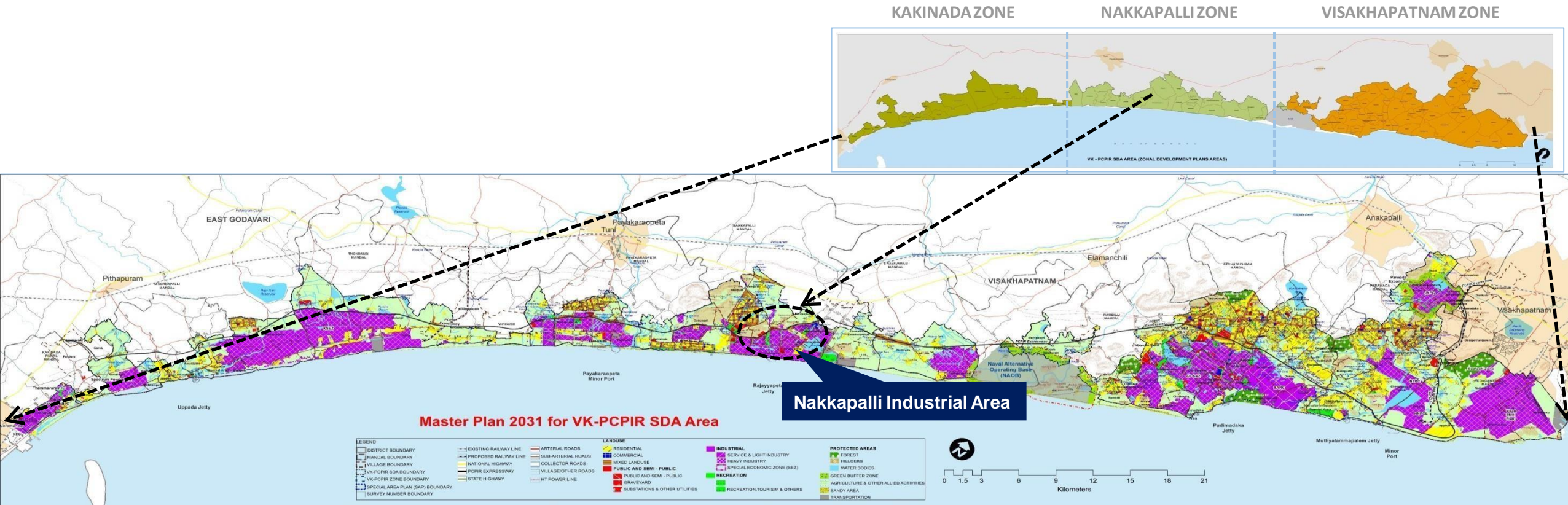
Increasing per capita consumption

Digitalisation and Industry 4.0

Innovation and sustainability

Increasing M&A activities

AP PCPIR – Project Site and Overview





He who plants a tree

Plants a hope.

"Plant a Tree"

Thank you

**Visakha Pharmacy Limited.,
Road No. 13, Comml.Hub, JNPC,
Parawada Mandal,
Visakhapatnam – 531 019
Andhra Pradesh
INDIA**