Chapter IV
U.P. State Industrial Development Corporation
(U.P.S.I.D.C.)
AN OVERVIEW & ESTABLISHMENT

Established on March 1961

Head Quarter at Kanpur
Regional Offices at Agra

Kanpur
Lucknow
Ghaziabad
Gorakhpur
Bareilly
Allahabad
Meerut

Proposed Regional Offices at

Civil Construction Division 7
Electrical division 7
WSSD Division 1
Architecture Town planning 1

Division

Industrial Areas 134(58 districts)

Land Acquired 33,287 Acres
Land Allotted 19,962 Acres
Land Available for Allotment 5,971 Acres
No. Of Unit In UPSIDC Areas 3,446

Employment Generated 1,87,000 Acres
Investment Generated 4,819.42 crores

About UPSIDC

UPSIDC is India's premier industrial promotion and infrastructure development undertaking, dedicated to industrial development in Uttar Pradesh. Through its highly professionalised services, single window clearance system and incentives, UPSIDC lends a constructive hand to entrepreneurs. The Corporation has so far developed 134 industrial areas in 58 districts of the state. More than 5000 industrial units in the large, medium and small scale have been set up with an estimated investment of over Rs. 17,5000 million.

UPSIDC has developed a host of technology parks, export promotion parks and industrial townships. The Corporation has been following the State Industrial Policy to make Uttar Pradesh the most preferred location
for investment. It is all set to develop a series of new industrial areas, integrated township and technology parks at prominent locations for promoting industries such as Agro/Food Processing, Information Technology, Apparel, Chemicals, Handicrafts, Gems/Jewellery, Electronics, Textiles, Plastics, Leather and Leather Products etc.

Providing a launch pad to the industrial and infrastructural aspirations of Uttar Pradesh, Uttar Pradesh State Industrial Development Corporation (UPSIDC), a premier state government undertaking has been working relentlessly towards upgrading the infrastructural profile of the state.

As a result of the renewed thrust directed towards attracting new investments in U.P and to make existing investments more productive, UPSIDC is restructuring itself to enable it to cope with the growing demands and new challenges in the changing industrial environment. Highest priority is being accorded to the vital sector of infrastructure, which is, extremely important for industrialization. As a major policy thrust in the industrial policy, core infrastructural components such as land, power, telecommunication, air and road transport have been identified for major investments in the coming year. An Infrastructural Initiative Fund to be managed by UPSIDC has been formed to support investments in this core sector. The assistance of multilateral agencies and international financial institutions will also be sought in these projects. Private sector participation, specially focused on mega infrastructural projects, is also being welcomed by the government.
OBJECTIVES, FUNCTIONS AND WORKING

Uttar Pradesh State Industrial Development Corporation, the premier industrial promotion and infrastructure development undertaking of the State Government has been the driving force behind scores of industrial ventures since 1961. The role of UPSIDC is to provide industry related infrastructure. The corporation's mission is to attract substantial investment in infrastructure and manufacturing sectors in U.P. Its major promotional and developmental activities are:

- Development of Industrial Areas equipped with all the necessary industrial environments.
- Identification and promotion of infrastructure-related projects in Joint/Assisted Sector.
- Financial assistance to limited companies through Equity Participation and Underwriting.
- Execution of civil construction works for Public and semi-public organizations on deposit basis.
- Acquisition of land on demand for bigger projects.
- Consultancy Services in Architecture and Town Planning Works.
- Provision of institutional support by way of escort services for speedy clearance, consultancy etc.

UPSIDC's progressive endeavours are focused to develop land into one of the most integrated assets of growth. Be it total industrialisation or infrastructural excellence, UPSIDC is committed to blend them into vehicles of progress. Development of industrial townships and comprehensive infrastructural facilities has been earmarked as priority areas.

1. Development of Industrial Areas

One of the prime objectives of UPSIDC is to develop industrial areas and provide primary infrastructure. Its industrial areas are equipped with infrastructure facilities like roads, drains, internal power lines, street lights etc. Voluminous efforts have also been made to provide state-of-the-art and need based support facilities like industrial housing, telecom, water
supply, common facility centres, banks, post office, dispensary, police outpost, shops, business development centres, modern communication facilities and field hostels etc. UPSIDC has developed 129 Industrial Areas encompassing 37,850 acres of land with a huge range of infrastructure facilities at Bargarh, Gajraula, Jagdishpur, Lakhimpur, Naini, Orai and Satharia. 9,127 acres of land is still available in various industrial areas for allotment out of which 6,827 acres is available as undeveloped bulk land and 2,300 acres as developed land. UPSIDC has housed more than 6,000 units in various industrial areas which have provided direct employment to about 0.35 million persons. These units involve a capital outlay of over Rs. 150,000 million.

2. Promotion of Infrastructure Projects
UPSIDC promotes industrial projects under its Assisted Sector Scheme, wherein it provides 10% to 15% of equity.

3. Project Counseling
UPSIDC offers a complete range of project counseling services to prospective entrepreneurs desirous of setting up units in its industrial areas, including:

- Assistance in identification of suitable projects.
- Services of data banks and business information requirements.
- Escort Services to offer suitable land in various Industrial Areas.
- Land as Equity:

The objective is to provide land in the form of equity to the promoters setting-up their units in UPSIDC's Industrial Areas situated in NIDs / Growth Centres / Slow Moving Areas for balanced industrial growth of the State. The quantum of assistance shall be limited to the maximum extent of the cost of the land acquired by the Company. The equity assistance shall be provided subject to overall restrictions that total equity of the Corporation in lieu of the cost of land in particular project shall not exceed 11% of the equity of the Company or Rs. 2.5 million, whichever is less.
4. **Joint.Assisted/Sector**

UPSIDC has been promoting industrial projects under its Joint/assisted Sector Scheme wherein it provides 26% and 10 to 15% of equity under Joint Sector and Assisted Sector respectively. It has already promoted 19 projects in joint/assisted sector with a capital outlay of Rs. 950 million employing latest foreign technology.

5. **Equity Participation**

UPSIDC also extends assistance by way of participation in equity capital of a venture with project cost exceeding Rs. 5.00 million to meet the unbridgeable gap in promoter's contributions. This is linked up with a buy back clause envisaging buy-back of shares after a stipulated period at a predetermined price. Preferential treatment is given to units promoted by NRI’s units coming up in backward districts and No industry districts, exports oriented units and import substitution units. More than 143 units have been granted assistance to the tune of Rs. 107.00 million under this scheme which has generated an investment of Rs. 4000 millions in the state.

6. **Underwriting**

Under this scheme, UPSIDC provides financial assistance to the entrepreneurs in the form of underwriting of the shares. The assistance is ordinarily limited upto 15% of the issued capital. 54 companies have so far been rendered assistance under this scheme to the tune of Rs. 58.2 million and have catalyzed direct investment of around Rs. 5000 million.

7. **Bulk Land**

Besides, to provide developed plots for industrial purpose, UPSIDC has a sustainable land bank, which in addition to industrial use, is available in bulk for industrial/commercial plantation, housing, tourism projects and other institutional uses at selected sites in the state. The summary of the prominent areas amongst them are given below in the Table. The rate of premium as well as the terms of payment is negotiable with the prospective entrepreneurs.
<table>
<thead>
<tr>
<th>Location (District)</th>
<th>Distance (in kms.) from major city</th>
<th>Available Land (in acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salempur (Aligarh)</td>
<td>150 Delhi</td>
<td>1,000</td>
</tr>
<tr>
<td>Babrala (Badaun)</td>
<td>160 Delhi</td>
<td>250</td>
</tr>
<tr>
<td>Selaqui (Dehradun)</td>
<td>250 Delhi</td>
<td>145</td>
</tr>
<tr>
<td>Khimsepur (Farrukhabad)</td>
<td>155 Kanpur</td>
<td>260</td>
</tr>
<tr>
<td>Sandila (Hardoi)</td>
<td>60 Lucknow</td>
<td>900</td>
</tr>
<tr>
<td>Bhogaon (Mainpuri)</td>
<td>180 Kanpur</td>
<td>230</td>
</tr>
<tr>
<td>Trisundi (Sultanpur)</td>
<td>150 Lucknow</td>
<td>600</td>
</tr>
<tr>
<td>Utelwa (Sultanpur)</td>
<td>80 Lucknow</td>
<td>220</td>
</tr>
</tbody>
</table>

Statistics apart, transformation of Ghaziabad, Mathura, Agra, Moradabad, Bulandshahar and other places including extremely backward areas such as Orai and Kanpur Dehat into industrialised towns in a short period reflects a glowing tribute to the corporation's endeavours in infrastructure development and support to industries in more ways than one. Prestigious units such as Asian Paints, Arihant Industries, Avon Cycles, Atma Steel, Ambuja Agro, Bindal Agro, Bhushan Steel, BHEL, BEL, CEL, DCM-DAEWOO, Dalmia, Delhi Press, Escorts, Glaxo, Goodlass Nerolac, Hawkins, Hindustan Lever, Hindustan Petroleum, Indo-Gulf Fertilisers, JP Industries, Jain Tube, LML, Nirma, Nicco Batteries, Paam Pharma, Pepsi, Parle, Raunaq, Raymonds, Rathi Steels, Swadeshi Polutex, SRF, Nippon Denro, Shamken Multifab, Super House, Somaiya Organics, Telco, Tata
Fertiliser, Vam, Williard India etc. are already in the industrial areas of UPSIDC

**Infrastructure provided by UPSIDC**

<table>
<thead>
<tr>
<th>Basic</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roads, Drains, Internal Power Lines</td>
<td>Housing, Telecom, Transport, Police</td>
</tr>
<tr>
<td>Water Supply</td>
<td>Post</td>
</tr>
<tr>
<td></td>
<td>Post Office, Shops, Banks, Dispensary</td>
</tr>
<tr>
<td></td>
<td>Schools</td>
</tr>
<tr>
<td></td>
<td>Field Hostels and Common Facility Centres</td>
</tr>
<tr>
<td></td>
<td>Business Promotion Centre For Housing</td>
</tr>
<tr>
<td></td>
<td>Modern Communication Aids And Office</td>
</tr>
<tr>
<td></td>
<td>Automation Aids For Routine Works</td>
</tr>
</tbody>
</table>
**GROWTH CENTER PROJECTS**

The Corporation is implementing four Growth Centres at Jhansi, Khurja, Moradabad and Shahjahanpur under a scheme of the Government of India in about 800 to 1200 acres of land each. Total investment in the development of necessary infrastructure at these projects is expected to be Rs. 400 to Rs. 700 million each. With the implementation of these Growth Centres, the industrial growth in these backward areas of Uttar Pradesh is expected to accelerate rapidly.

**DEVELOPMENT OF AGRO COMPLEXES AND INDUSTRIAL SITES**

UPSIDC, the premier organisation for industrial promotion and infrastructural development undertaking of the State Government has been the driving force behind scores of industrial ventures since 1961. Having developed 134 industrial areas, spreading over 39050 acres and housing more than 1500 industrial units, UPSIDC is now poised to unveil the potential of the Indian Agriculture and Food Processing Industry to the global economy by offering three Specialised Agro Parks at Lucknow, Varanasi and Ghaziabad.

**Agro Parks In Uttar Pradesh**

Uttar Pradesh is an ideal place to reap rich harvests from the sunrise industry- Agro & Processed food Industry. Uttar Pradesh, the biggest of producer of grains & milk and an important producer of vegetables and other agro produce in India, is endowed with fertile land of the Gangetic plains. The State is one of the leading vegetable & fruit producing states in India. It also holds the first position in the production of Potato & Aonla, second in Mango and third position in Guava. In short, it is a perfect destination for an entrepreneur to cash on India’s two greatest resources- Farming and Agriculture.
UPSIDC now breaks a new path of enterprise by setting up three Agro Parks at strategic locations. In addition to easy and cost effective availability of raw material and manpower, each of these parks offer integrated facilities for the smooth operation of the venture. The parks have been provided with "Multi-Chamber & Controlled Atmospheric Cold Storages" with Sorting, Grading & Cleaning facility, and Quality Control Labs specially designed to meet the specific needs of the agro and food processing industry.

Location
The locations of the three Agro Parks have been carefully chosen to amalgamate the existing infrastructure and available resources to create a new environment. Also taken into consideration is the pattern of crop chain and roles of leading institutions to build effective backward linkages with farmers to benefit the food processing industry, investors, farmers and other stakeholders.

a Lucknow
Developed over 180 acres, the Agro Park is located on Lucknow-Kursi Road, about 12 kms from the state capital Lucknow in District Barabanki.

b Varanasi
Developed over 260 acres, the Agro Park is located on Jaunpur-Varanasi highway near Babatpur airport, about 30 kms from Varanasi city.

c Ghaziabad
Developed over 400 acres, the Agro Park is located in district Ghaziabad on Masuri-Gulawati road near Masuri, about 17 kms from Ghaziabad city.

Abundance of Raw Material
High quality raw materials are available in abundance in Uttar Pradesh at reasonable prices. Uttar Pradesh boasts of availability of raw materials like wheat, rice, pulses, milk, sugar, potato, Aonla, Mango & Guava and other fruits and vegetables etc. in huge volumes.
Backward Linkage
The Agro Parks would have Backward Linkage through the following institutes/universities, which are playing an important role by providing technology, farming techniques to the farmers and also conducting innovative, strategic & applied research for enhancing quality/ productivity of food grains, vegetable crops and agro-produce. Their relationship & trust, built up over the years with farmers, shall help provide linkage of industry with farmers. These institutions are:
- Allahabad Agriculture Institute – Allahabad.
- N.D. University of Agriculture and Research Technology – Faizabad.

Multi Chamber Cold Store Facility
The facility of Multi Chamber Cold Store with Controlled Atmosphere facility and washing-sorting-grading line at Varanasi & Lucknow and Multi Chamber Cold Store at Ghaziabad will not only promote domestic & exports marketing of fresh fruits & vegetables but also will act as a major facility for the units of the Agro Parks.

Quality Testing & Certification Lab
The state-of-the-art quality testing and certification facilities shall be provided by VIMTA LABS at the Agro Parks. Vimta Labs, one of the best of its kind in the country, is an integrated quality-driven, customer-sensitive research and testing organisation.

Incentives
Attractive incentives are offered to the Agro & Processed food units by the UP Government and Ministry of Food Processing Industries, Government of India as well as by APEDA, National Horticulture Board, NABARD etc.
a Agro Park Lucknow
Distt. Barabanki.
Area: 180 acres.
Rate: Rs.325/- per sq. mtrs.

Raw material: Adequate quantities of good quality raw material is available in the vicinity of the Agro Complex: Food Grains – Rice, Jowar, Maize; Pulses- Urad, Arhar, Masoor, Gram ;Oil Seeds- Sesame (Til), Ground Nut, Sunflower; Fruits- Mango, Guava; Dairy: Cow & Buffalo milk; Poultry- Eggs & broilers; Meat- Goat; Spices- Garlic, Chilies, Turmeric; Vegetables- Potato, Onion, green & seasonal vegetables.

Key features
- Export possibility to Gulf Countries though Amausi International Airport.
- State capital & hence ease in obtaining all regulatory clearances.
- Easy access to raw material. Surrounded by fertile crop producing area.
- Providing distinct opportunities for contract farming & captive cultivation of large number of crops.
- Advantage of urban & affluent markets of Lucknow & Kanpur.
- Higher rural literacy level and enlightened farmers.
- Access to research and technology development centre
- Excellent industrial environment
- Well connected by rail, road and air (Domestic & International.)
- Fully functional warehousing facility

Multi Chamber Cold Storage With C.A. Facility
M/s Lloyd Insulations Ltd., one the leading companies in the field, shall build and operate Multi Chamber Cold Store with Controlled Atmosphere facility and Precooler and mango, fruits washing-sorting-grading line. This will not only promote exports of fresh fruits & vegetables but also will act as a major facility for the units of the Agro Parks.
Quality Testing & Certification Lab
VIMTA LABS at the Agro Park shall provide the state-of-the-art quality testing and certification facilities. Vimta Labs, which is one of the best of its kind in the country, is an integrated quality-driven, customer-sensitive research and testing organisation.

Backward Linkage
The Agro Park would have Backward Linkage through the N.D. University of Agriculture and Research Technology – Faizabad, which is playing an important role by providing technology, farming techniques to the farmers and also conducting innovative, strategic & applied research for enhancing quality/ productivity of food grains, vegetable crops and agri-produce. Their relationship & trust, built up over the years with farmers, shall help provide linkage of industry with farmers.

b Agro Park Varanasi
Location: Kharkhiyaon in district Varanasi on Jaunpur-Varanasi Highway near Babatpur at about 30 kms from Varanasi city.
Area: 260 acres.
Rate: Rs.370/-per sq. mtrs.
Raw material: Adequate quantities of good quality raw material is available in the vicinity of the Agro Complex: Food Grains – Rice, Wheat, Gram, Bajra; Fruits - Mango, Guava, Papaya; Vegetables-Tomato, Green Chilli, Potato, Onion, Bottle gourd, Melon, Brinjal, Green Pea and Anwla.

Key features:
- Close to international airport at Varanasi facilitating export.
- Close proximity to the big market outlet of Varanasi and of eastern states.
- Highly fertile area with surplus and good quality raw material (Guava, Anwla, Lemon, Mangoes, Vegetable etc.)
- Adequate supply of good quality ground and surface water.
- Higher rural literacy level and enlightened farmers.
- Well connected by road and rail to most parts of the country and reasonably good surface transport facilities.
- Varanasi is on the national waterway map supporting economical transportation. It is connected to Diamond Harbour (Calcutta) for facilitating exports and access to consumer markets.
- Incentive based packages for industries.
- Education facilities are very good, both for lower and higher education, since Varanasi is very close to the site.

**Multi Chamber Cold Storage With C.A. Facility**
M/s Blue Star Ltd., one the leading companies in the field, is building Multi Chamber Cold Store with Controlled Atmosphere facility and Pre-cooler and washing-sorting-grading line. This will not only promote exports of fresh fruits & vegetables but also will act as a major facility for the units of the Agro Parks.

**Quality Testing & Certification Lab**
VIMTA LABS at the Agro Park shall provide the state-of-the-art quality testing and certification facilities. Vimta Labs, which is one of the best of its kind in the country, is an integrated quality-driven, customer-sensitive research and testing organisation.

**Backward Linkage**
The Agro Park would have Backward Linkage through Allahabad Agriculture Institute – Allahabad & Indian Institute of Vegetable Research – Varanasi, which are playing an important role by providing technology, farming techniques to the farmers and also conducting innovative, strategic & applied research for enhancing quality/ productivity of food grains, vegetable crops and agri-produce. Their relationship & trust, built up over the years with farmers, shall help provide linkage of industry with farmers.
c Agro Park- Ghaziabad
Location: Masuri – Gulawati in district Ghaziabad on Masuri – Gulawati road near Masuri at about 17 kms from Ghaziabad city.
Rate: Rs.540/-per sq. mtrs.
Area: 400 acres.
Raw material: Adequate quantities of good quality raw material are available in the vicinity of the Agro Complex: Food Grains – Rice, Wheat, Gram, Maize, Bajra; Fruits - Mango, Papaya; Vegetables-Tomato, Green Chilli, Potato, Onion, Bottle gourd, Melon, Brinjal, Green Pea. The area accounts for high surplus availability of Wheat, Maize, and Agro residues, Meat, Milk, Mango, Potato, Okra, Peas, Cauliflower and Tomato.

Multi-Chamber Cold Storage
M/s Frick India Ltd., one the leading companies in the field, has built Multi Chamber Cold.

Key features:
- Close proximity to the big market outlet of Delhi.
- Adequate supply of good quality ground water.
- Well connected by road and rail to most parts of the country and reasonably good surface transport facilities.
- Incentive based packages for industries.
- Many facilities in place including cold storage, boundary wall etc.
- Presence of mandis within 30 to 40 kms radius.
- Adequate availability of skilled Manpower.

Financial Support Available For The Following Under The Schemes Of Ministry Of Food Processing Industries, GOI
a) Setting up /Expansion/Modernisation of Food Processing Industries
b) Establishment of post-harvest infrastructure including cold chain
c) Strengthening of backward linkages of Food Processing Industries
d) R&D on food processing and HRD in Food Processing Industries
Assistance from APEDA for EOUs

Financial assistance for infrastructural development for the following:

a. Purchase of specialised transport units for meat, horticulture and floriculture.

b. Specialised storage and grading facilities.

c. Facilities like waxing, ripening, packaging and palletisation.

d. Pre-cooling facilities.


f. Vapour heat treatment, electronic beam processing or irradiation facilities.

g. Setting up of environment control systems like pollution control and effluent treatment.

h. Setting up integrated post harvest handling system.

i. Schemes for Market Development packaging standards and design.

j. Dissemination of market information data base associations for conducting surveys, feasibility studies.

k. Publicity & promotion through preparation of product literature, Publicity material, advertisement, film.

l. Transport Assistance for Fresh Fruits, Fresh Vegetables, Poultry Products, Processed Fruits,

m. Mechanized handling facilities including sorting grading washing, waxing, ripening, packaging and palletisation.

n. For pre-shipment treatment-such as fumigation, X-ray screening, hot water dip treatment-such as fumigation e-ray screening, hot water dip treatment.

o. Integrated post harvest handling system (pack houses).

p. For vapor heat treatment, electronic beam processing or irradiation facilities.

q. For specialized storage facilities such as high humidity cold storage, deep freezers, controlled atmosphere (CA) or modified atmosphere (MA) storage.

r. Sheds for intermediate storage and grading/storage/cleaning operation of produce.
Incentives offered by State Government of Uttar Pradesh

- Single table clearance within 60 days for setting up Agri and Food Processing and Export Units.
- A gold card is issued to industries with investment above 10 crore. Preferential treatment in government transactions for gold cardholders.
- Exemption of levy on rice, mandi fee, development cess, trade tax @ 2% under the Rice Export Policy (2001-2005).

Other incentives

- No industrial license is required for almost all of the food & agro processing industries except for some items and items reserved for exclusive manufacture in the small-scale sector.
- Automatic investment approval (including foreign technology agreements within specified norms) upto 51% foreign equity or 100% NRI (including Overseas Corporate Bodies (OCBs)) equity is allowed for most of food processing sector, except malted food, alcoholic beverages including beer and those reserved for S.S.I.
- MRTP (Monopolies & Restrictive Trade Practices Act) rules and FERA (Foreign Exchange Regulation Act) regulations have been relaxed to encourage investment and expansion by large Corporates.
- Most of the items can be freely imported and exported except for items in the negative lists for imports & exports. Capital goods are also freely importable, including second hand ones in the food processing sector.
- Excise & Import duty rates have been reduced substantially. Many processed food items are totally exempt from excise duty.
- Food processing industry is one of the thrust areas identified for exports.
- All profits from export sales are completely free from corporate taxes. Profits from such exports are also exempt from Minimum Alternate Tax (MAT).
Software Technology Park

UPSIDC has established a Software Technology Park at its multistoried Office Complex at Kanpur in association with Indian Institute of Technology, Kanpur. UPSIDC is the Nodal Agency for establishment of Software Technology Park. An MoU has been signed with IIT, Kanpur in December, 1994 for establishing the park.

The Software Technology Park has been established in accordance with the Software Technology Park Scheme of Department of Electronics, Government of India with the objective of promoting export of computer software from Uttar Pradesh. The STP will thus act as 100% Export Oriented Resource Centre for the Member Computer-Software Exporting Units by offering general infrastructure facilities and High Speed Data Communications facility.

The STP has been established with 25,000 square feet built up space with common infrastructural facilities like central air conditioning, elevators, continuous power supply with D.G. Set back-up and other common facilities such as photocopying, fax, telephone-conferencing, auditorium etc. As regards High Speed Data Communications facility, a 64 Kbps dedicated leased line with Internet facility has been extended by Videsh Sanchar Nigam Limited. This link through satellite connection on shared or on exclusive channel will be used for Software Export. Besides the above, HT, Kanpur will offer a host of facilities to support and supplement the Member Units at all stages.

The STP will generate employment for about 500 Software Professionals and the expected exports from the STP during 1996-97 will be around Rs. 50 million. The STP can house a maximum of 30 small units. A good response has been generated for starting units in the STP. Limited space is available for allotment.
OTHER SCHEMES, PLANS AND PROJECTS

Tronica City (Loni, Ghaziabad)
The corporation has successfully completed phase I of Tronica City, an all purpose integrated industrial township near Delhi over approx 1626 acres of land at Loni, District Ghaziabad. Tronica City, having industrial, residential and commercial sector, is being developed with an estimated cost of Rs 339 crore. The residential sector is 100% allotted in the first phase of marketing. Tronica City is being designed with most state of the art amenities with best of telecommunication, power and road network. The corporation has ambitious plan of developing an IT Park on 50 acres and an Apparel Park on 60 acres, besides earmarking a separate Plastic Processing Zone at Tronica City. The integrated township would this way, attract different types of industries and exploit ample opportunities existing in and around the capital.

Leather Technology Park (Banthar, Unnao)
Looking at the demand of the industry association, UPSIDC is developing a Leather Technology Park at Banthara, Unnao and Leather Goods Complex at Rooma, Chakeri, Kanpur. The Leather Technology Park is being developed over 300 acres of land with an estimated cost of Rs 24 crore, on four lane NH 25 on Kanpur-Lucknow road just 8 km from Kanpur-Jajmau bridge. It offers plots to Leather Tanneries and good units. The project report for the park has been prepared by CLRI Madras. For effluent treatment a 2 MLD capacity CETP (Common Effluent Treatment Plant), will also be set up in approx. 20 acres of land. The CETP is to be set up and maintained by Tannery Association. This ambitious project undertaken by UPSIDC will provide employment to over 8400 persons and is expected to kick start from June 2000.

Export Promotion Industrial Parks (EPIPs) (Greater NOIDA)
In a serious effort to promote exports from UP, an Export Promotion Industrial Park (EPIP) with infrastructure facilities and services at par with international standards has been established over 200 acres at Greater
Noida with a cost of Approx. Rs 28.22 crore. Surrounded by Multinational Giants like HONDA SIEL, ESCORTS YAMAHA and LG Electronics, this park holds immense potential potential for EOU's. The park has been assured high quality power with excellent back up services through a private Sector RPG group company. Following the success path of EPIP Greater NOIDA, UPSIDC has got approval for another EPIP, which it proposes to set up at Agra. This approval has been awarded from central government making UP only the second state after Rajasthan, in India, which would have two EPIPs.

**Leather Goods Complex(Rooma-Chakeri,Kanpur)**

In order to boost Exports, a Leather Goods Complex is proposed to be developed on 300 acres land with an estimated cost of Rs 25 crore, with a private promoter through special purpose Vehicle (SPV) with township and would only house non-polluting leather goods units and would attract units manufacturing harness and saddlery, leather wallets, purses, bags, garments, shoe components etc. The corporation has recently got No Objection Certificate (NOC) from Air Force Authority to set up this complex at Rooma, Chakeri. Earlier an MOU was signed between KDA and UPSIDC.

**Software Technology Park (STP) (UPSIDC Complex, Kanpur)**

In association with IIT Kanpur, UPSIDC developed this park covering 25,000 sq mt area, at its head office at GT Road, Lakhanpur, Kanpur. The park has high-speed data communication facility, a 64 KBPS dedicated leased line with Internet Facility which has been extended by Videsh Sanchar Nigam Limited (VSNL), is being increased to 128 kbps for faster access. There is substantial unsatisfied demand for space to the extent of 50000 sq. ft. at STPK, for which alternate measures are being taken by UPSIDC, the key promoter of STPK to house additional units.
Agro Complexes (Lucknow, Haldwani, Saharanpur, Allahabad and Hapur)
Pursuant to new Industrial Policy, announced by the State Government, UPSIDC is also engaged in setting up Agro Complexes near five major marketing centers in the state at Lucknow, Haldwani, Saharanpur, Allahabad and Hapur, in assisted sector in coordination with concerned Mandi Samiti. The setting up of these complexes will remove bottlenecks relating to transportation of Agro/Horticulture produce and provide cool chains for preservation, storage and processing of surplus horticulture produce available in the area. Reputed consultants have been assigned for preparation of Project Report for different locations.

Integrated Plastic Park (Jainpur Growth Centre, Kanpur Dehat)
UPSIDC is setting up an integrated industrial township with the help of a Private Promoter as "Plastic Technology Park" at its Jaunpur Growth Centre in Kanpur Dehat, on Kanpur-Jhansi highway, over an area of over 300 acres. It is proposed to accommodate non-polluting plastic units. The Strategically located Plastic Technology Park at Jaunpur shall get support from Institutes of National Repute like HBTI, IIT Kanpur, CIPET. Apart from UP Petro Chemical Complex i.e. Gas Authority of India Ltd. at Pata producing HDPE and LLDPE and will definitely boost production of plastic goods in Uttar Pradesh.

Growth Centres (Bijauli-Jhansi, Shahjahanpur, Moradabad, Dibyapur and Khurja)
Conceptualized to act as "magnets" for attracting industries to backward areas, the Growth centers are being developed under Govt. of India Scheme by UPSIDC at Moradabad, Jhansi, Dibyapur, Khurja and Shahjahanpur with infrastructure facilities at par with the best available in the country, particularly in respect of power, water, telecommunication and banking. The proposed centers would have industrial, residential and commercial sector. The Growth center will accommodate small/tiny, medium and large scale industrial units.
IIDCs (Unnao, Mathura, Etah and Kursi Road)

UPSIDC is promoting IIDCs at Mathura, Etah, Unnao and Kursi Road on 50 acres of land with a project cost of Rs 50 million each under Central Govt. Scheme. These IIDC's equipped with infrastructure facilities like Power, Telecom, Water, Road and Warehousing etc. would encourage development of small and tiny Scale Industries in these backward districts.

Development of Seven Industrial Corridors

Viewing the present competitive environment it was felt necessary to provide adequate infrastructure facilities at selected places to remove impediments to industrial growth of Uttar Pradesh and accordingly specific geographical regions 'Seven Corridors' having distinctive industrial potential, have been identified for development in phases in various regions of the state, as announced in the Industrial Policy 98, by the State Government. In the first phase the following corridors were proposed:

a. NOIDA/Greater NOIDA/Ghaziabad/Gautam Buddha Nagar.
b. Meerut/Moradabad
c. Agra/Aligarh/Firozabad/Khurja(Bulandshahr)/Kosi(Mathura)
d. Lucknow/Kanpur
e. Allahabad/Bhadoshi/Varanasi/Mirzapur
f. Gorakhpur/Basti/Deoria
g. Jhansi/Lalitpur

NOIDA/Greater NOIDA/Ghaziabad/Gautam Budha Nagar

Work for preparation of concept plan/short term action plan (including pre-feasibility reports of commercially viable projects) was awarded to M/s Feedback Strategic Consultancy Services Ltd. New Delhi. A final report identifying certain infrastructure projects has been submitted by them. Nodal Agencies for each project were decided. Out of 13 identified projects, UPSIDC has been assigned few projects related to industrial infrastructure.
Other Industrial Corridors

Similar reports for meeting gaps in industrial and social infrastructure for other six industrial corridors are being prepared. Drafts Reports of Phase I for all the six corridors have been received. High quality industrial and social infrastructure facilities, are proposed to be developed through participation of private promoters, in order to unlock inherent economic potential in these selected regions. Besides, the corporation has assigned consultant for preparation of Feasibility Report to set up 3 micro-cities at Moradabad, Firozabad and Aligarh.

Captive Power Generation and Distribution Projects

The corporation proposes to set up Captive Power Generation and Distribution Project to ensure good quality un-interrupted power supply to industries in its industrial areas. Presently, the corporation is planning to set up three projects at Tronica City Industrial Park, Jainpur Industrial Area and Kosi II Industrial Area. These projects are proposed to set up through a 100% subsidiary company of UPSIDC in collaboration with suitable private sector companies. In addition, the corporation has proposed to take up Power Distribution Project to offer good quality power distribution services to industries in site II, Sahibabad Industrial Area, Ghaziabad, based on Single Point Supply from UPSEB.

Road Projects by UPSIDC

In light of the Road Policy announced by the State Government, for promoting road development activities through participation of private sector, the corporation has been prompt in identifying such projects

1. Delhi-Loni Road Project - To provide better road connectivity between Delhi and Tronica City, this project has been conceived. Traffic survey pre-feasibility study for this 10 km project is nearing completion.

2. Kanpur Bye Pass Project - The two lane, 16.55 km Mandhana Bhounti Road (Kanpur Bypass) project passing through Kanpur City, is being conceived jointly by UPSIDC and Kanpur Development Authority
(KDA) to overcome growing traffic congestion, alarming increase in road accidents as well as vehicular pollution in Kanpur City. There are two bridges proposed on the by-pass and one rail over bridge (ROB) with one flyover at Mandhana. The alignment would commence from GT road at KM 407 (near Mandhana) and joining the NH-2 at KM 468.6 (near Bhowani). The estimated project cost is Rs 515 million. The project is under active consideration of the State Govt. and the M/s Feedback Infrastructure Ltd. New Delhi, have been assigned the job of preparing bid document, concession agreement etc and to assist in selection of Build Operate Transfer (BOT) operator.

**Major Policy Changes**

In order to improve the services rendered by the corporation to entrepreneurs and to make the whole system transparent, a policy of "Deemed Approval" was formulated for the first time. To make the whole system transparent a number of clearances have been placed under the "Deemed Approval System".

**UP Infrastructure Initiative Fund (IIF)**

To provide best infrastructure, the State Government has set up this fund, which calls for private sector participation in major infrastructure projects. This fund has been created to remove funding related bottlenecks at the project definition and configuration stage of infrastructure projects amenable for private sector participation. The GOUP has appointed UPSIDC as a nodal agency for the operation of this fund. Besides, a Project Development Company (PDC) has been selected which would undertake the task of adequate project preparation and infrastructure project development with the help of private participation.

The core work of this PDC would include: collecting details for infrastructure projects, screening and prioritization of projects and select viable options with justification on economic basis. The thrust initially would be on Roads, Over bridges, By-passes, Power projects, Urban development projects and projects where already some work has been done and which appear attractive for private sector participation. In
nutshell, ambitious moves taken by the corporation has resulted in opening up number of avenues for rapid industrial development. The projects, rolling on the track assures of the corporation's sincere efforts towards providing Uttar Pradesh the first position in every aspect of development in years to come.

Automobile Complex
UPSIDC is developing an Automobile Complex in Lucknow adjoining TELCO over an area of 500 acres with an estimated project cost of Rs. 350 million with all necessary and support Industrial Infrastructure

Chola Township
Chola Township is another Integrated Industrial Township on the anvil in district Bulandshahar within the National Capital Region. Chola Township is being promoted over an area of 2,500 hectares, just 6 Kilometres from Khurja Town on Sikandrabad-Chola-Khuija Road, with Rs. 5,000 million as an estimated cost of project The Project proposal has been forwarded to Ministry of Finance, Government of India for soft loan from Federal Republic of Germany.

Chemical Complex
Chemical Complex at Khurja in district Bulandshahar within the National Region, just 98 kilometres from the National Capital, Delhi, is being developed over 1,200 acres of land with an estimated cost of approximately Rs. 700 million. This Chemical Complex is being developed along the National Highway [The Grand Trunk (G.T.) Road] with all necessary and support infrastructure for chemical industry such as CETP, Power, Roads etc. This complex will provide alternate location for non-conforming industries within the National Capital Region.

Udyog Kunj
The Corporation has acquired about 148 acres of land from Kanpur Development Authority adjoining Dadanagar and Panki. The area is under advanced stage of development. ARS launched for the area received
enormous response and almost all the plots have been allotted. Only a few plots are available.

**Textile City**

A project proposal for setting-up a Textile City is under consideration of the Government. The cost of this Textile City project is estimated at Rs. 200 million. As per the location and demand survey the Textile City should be set-up at or near Kanpur over an area of 300 to 500 acres.

**Venture Capital Fund**

The Uttar Pradesh Venture Capital Fund is functional in collaboration with Credit Capital Venture Fund (India) Ltd. to promote industries that involve special technology and are risk-prone but profitable in the long run. This fund is constituted with a capital of Rs. 200 million. It is envisaged that in ten years it would venture an investment of around Rs. 8,000 million which will benefit around 100 small and medium units. UPSIDC has already contributed Rs. 12.5 million to the fund.
PROBLEMS AND CRITICAL APPRAISAL

UPSIDC aims at industrial development of the state by providing various infrastructure facilities. UPSIDC, the premier industrial promotion infrastructure development undertaking though have undertaken various projects for the industrial development but still lot has to be done in this direction, urgent measures by UPSIDC are required to redress the infrastructure bottlenecks, special care should be taken by the UPSIDC to provide comprehensive infrastructure & all necessary assistance for creating a conductive environment for proper industrial development.

The UPSIDC must undertake a scheme of Integrated Infrastructure Development for industries to create & develop infrastructural facilities like developed sites, power distribution network, water telecommunication, drainage & pollution control facilities, road, banks, material depots, storage & marketing outlets, common facilities & technological back up services.

The UPSIDC to consolidate infrastructural facilities in Kanpur Dehat

a) Open an area office in the district.

b) Upgrade infrastructure facilities in the area.

c) Re-utilise vacant land & open area in the district

Power is one of the critical infrastructure sectors which determine economic development. The shortage in power is one of the major problems that Kanpur Dehat is confronting. UPSIDC must ensure installation of captive power plants in the area so as to ensure uninterrupted power supply to all industrial units.

For sustained growth of the township, proper linkages both by rail & road with the surrounding areas are of vital importance. A number of rail & road projects must be initiated by the UPSIDC to strengthen the road & rail network.

With heightened environment awareness the UPSIDC must particularly provide equipment for industrial waste water treatment, monitoring equipment for industrial air pollution control, & hazardous waste management. To tackle the present problem of reducing pollution load
being discharged to water bodies by industries in Kanpur Dehat, the UPSIDC must propose the concept of Centralized Waste Treatment Facility (CWTF) for the industrial units.

The UPSIDC must also make efforts to provide for social infrastructure like health care & educational facilities in the area.

There is a need of establishment of escorts & consultancy services in the field of infrastructure delivery & statutory clearances. The corporation should also encourage the private enterprises in the development of infrastructure as the highest priority is being accorded to the vital sector of infrastructure, which is extremely important for industrialization.

A part from this, the UPSIDC must also make efforts to improve the maintenance of the existing area & encourage the owners of the units, situated within the area to be closely associated with the maintenance of the area.

In order to respond to the needs of specific segments of the industry, a tailor made support, package be evolved on a continuous basis by UPSIDC in consultation with the industry itself.

UPSIDC must restructure itself to enable it to cope with the growing demands & new challenges in the industrial environment.

UPSIDC officers must become more entrepreneurs friendly & adopt a positive outlook & work culture in the interest of industrial development of the state. The issues relating to the entrepreneurs should be disposed on priority & in a time bound manner. Rules be further simplified in the interest of entrepreneurs & industrial development, every department should be sensitive towards industrial development to accelerate it in the state. The officers should develop friendly relations with the entrepreneurs & maintain coordination with them.