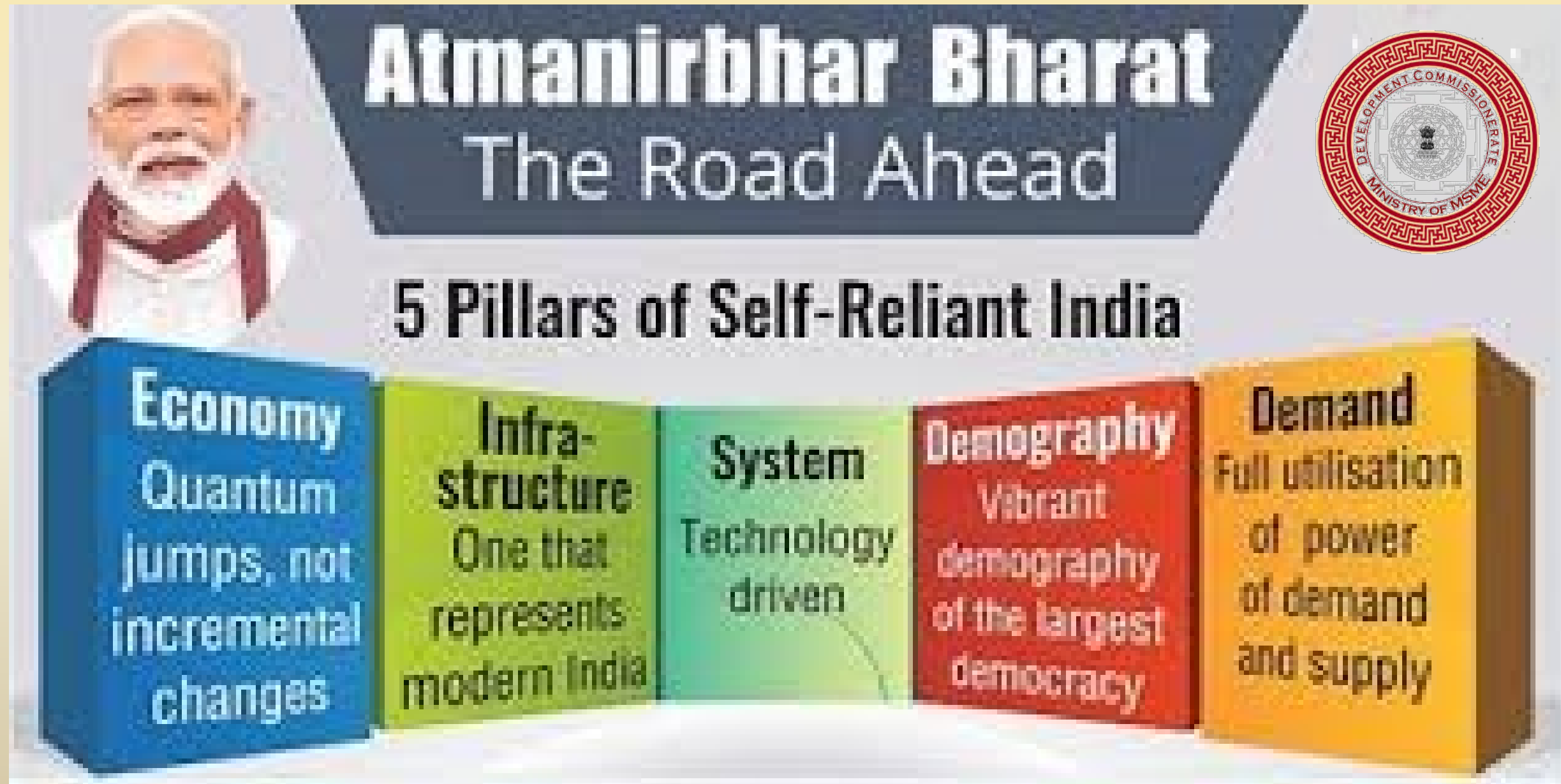


MSME

ATMANIRBHAR BHARAT



The infographic features a portrait of Prime Minister Narendra Modi on the left. The central text reads 'Atmanirbhar Bharat The Road Ahead' and '5 Pillars of Self-Reliant India'. To the right is the official seal of the Ministry of MSME. Below the text are five 3D blocks representing the pillars: Economy (blue), Infrastructure (green), System (light green), Demography (red), and Demand (yellow). Each block contains specific details about its respective pillar.

Atmanirbhar Bharat
The Road Ahead

5 Pillars of Self-Reliant India

- Economy**
Quantum jumps, not incremental changes
- Infra-structure**
One that represents modern India
- System**
Technology driven
- Demography**
Vibrant demography of the largest democracy
- Demand**
Full utilisation of power of demand and supply

DEVELOPMENT COMMISSIONERATE
MINISTRY OF MSME

Pillar 2

INFRASTRUCTURE

Prepared by

Group consisting of MSME-DI Bangaluru as Group Leader

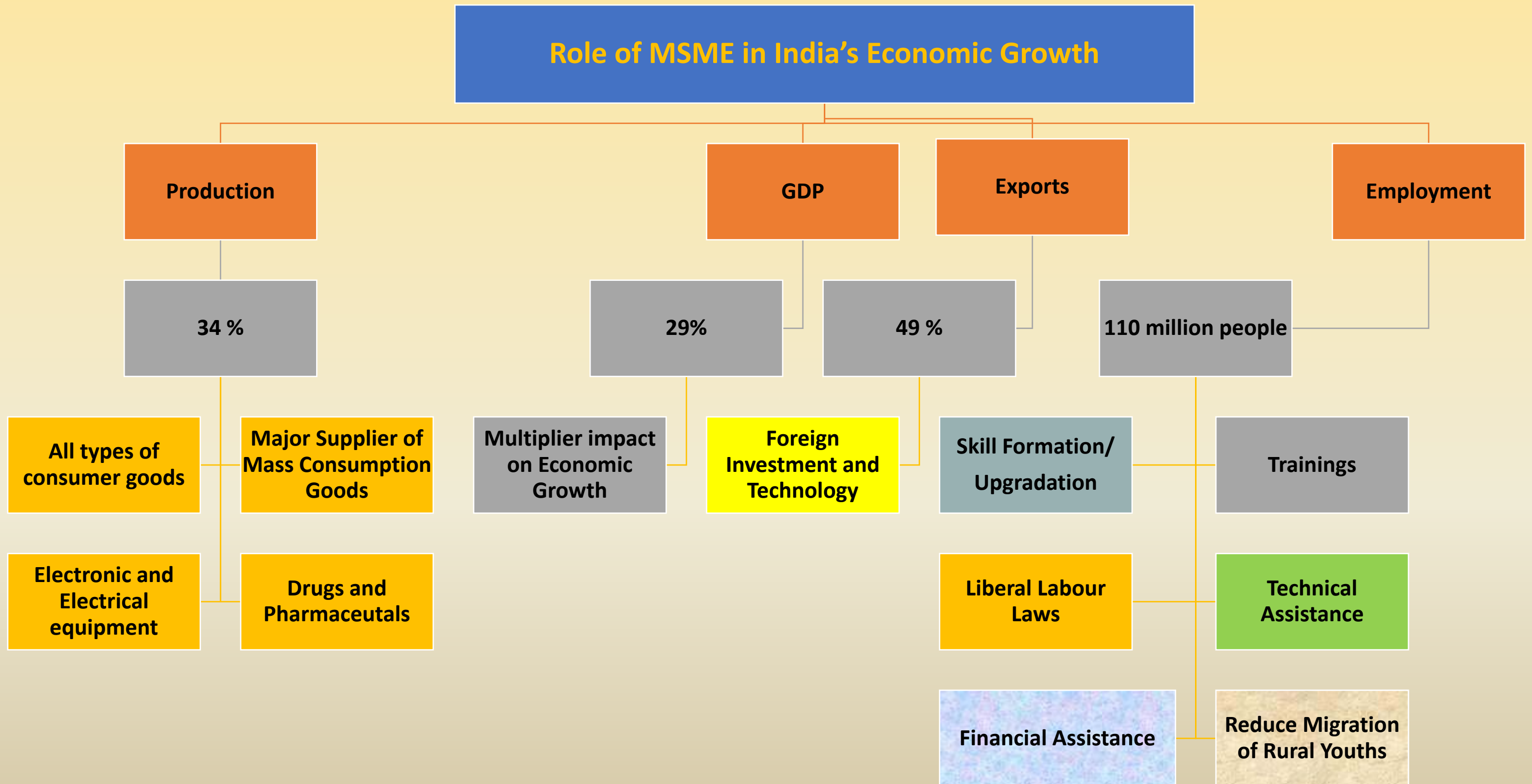
with

MSME-DI Kolkata, Ludhiana, Cuttack, Kanpur, Guwahati and Patna

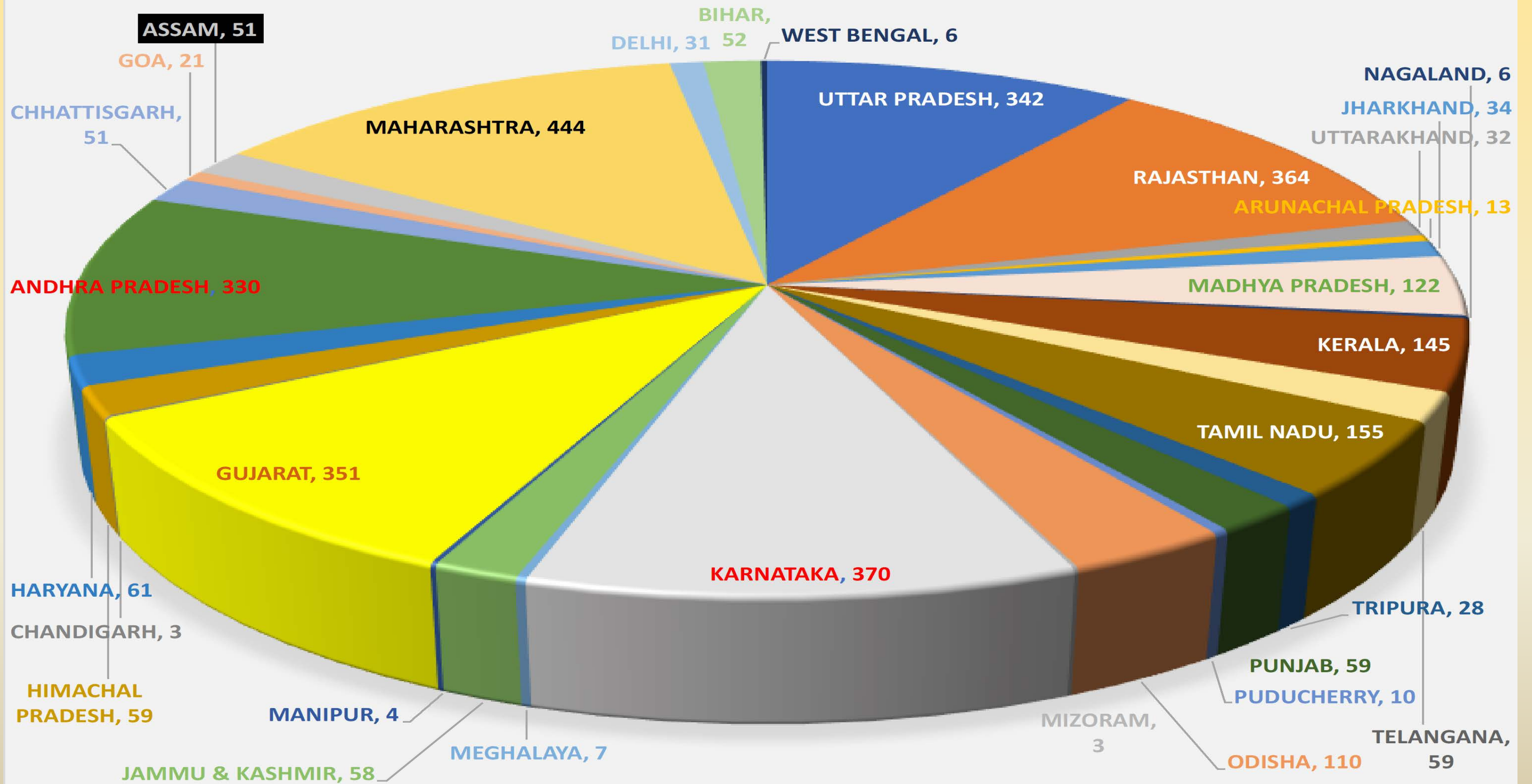
OUTLINE OF THE PRESENTATION

- **Introduction**
- **State wise Industrial Estates**
- **Category wise distribution**
- **Challenges**
- **Gaps**
- **Micro Estates**
- **Technology Centers and Testing Centers**
- **Conclusion**
- **Actionable Points**

Introduction



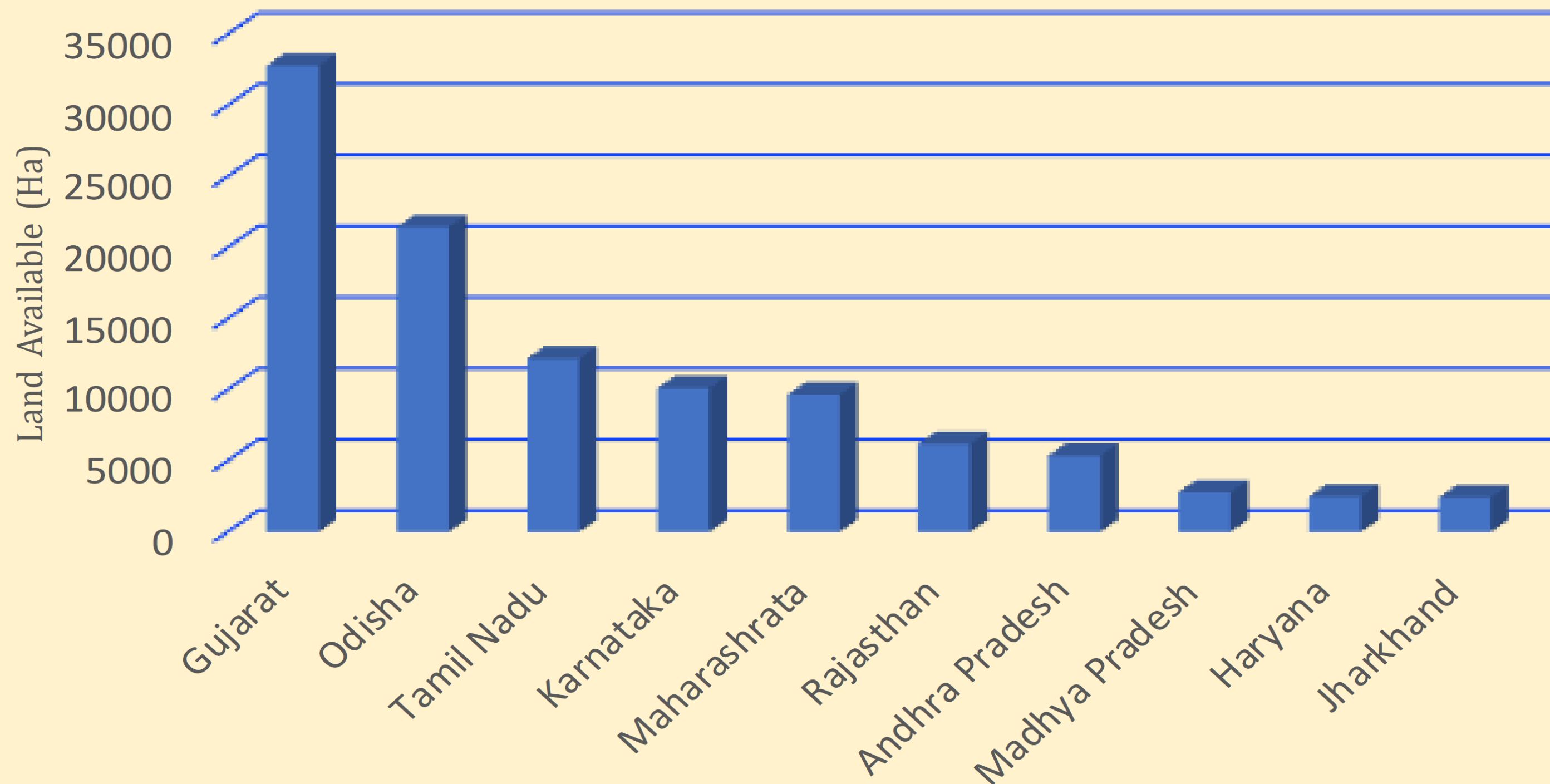
STATE WISE DISTRIBUTION OF INDUSTRIAL ESTATES/PARKS/SEZ



Date : 28/07/2020

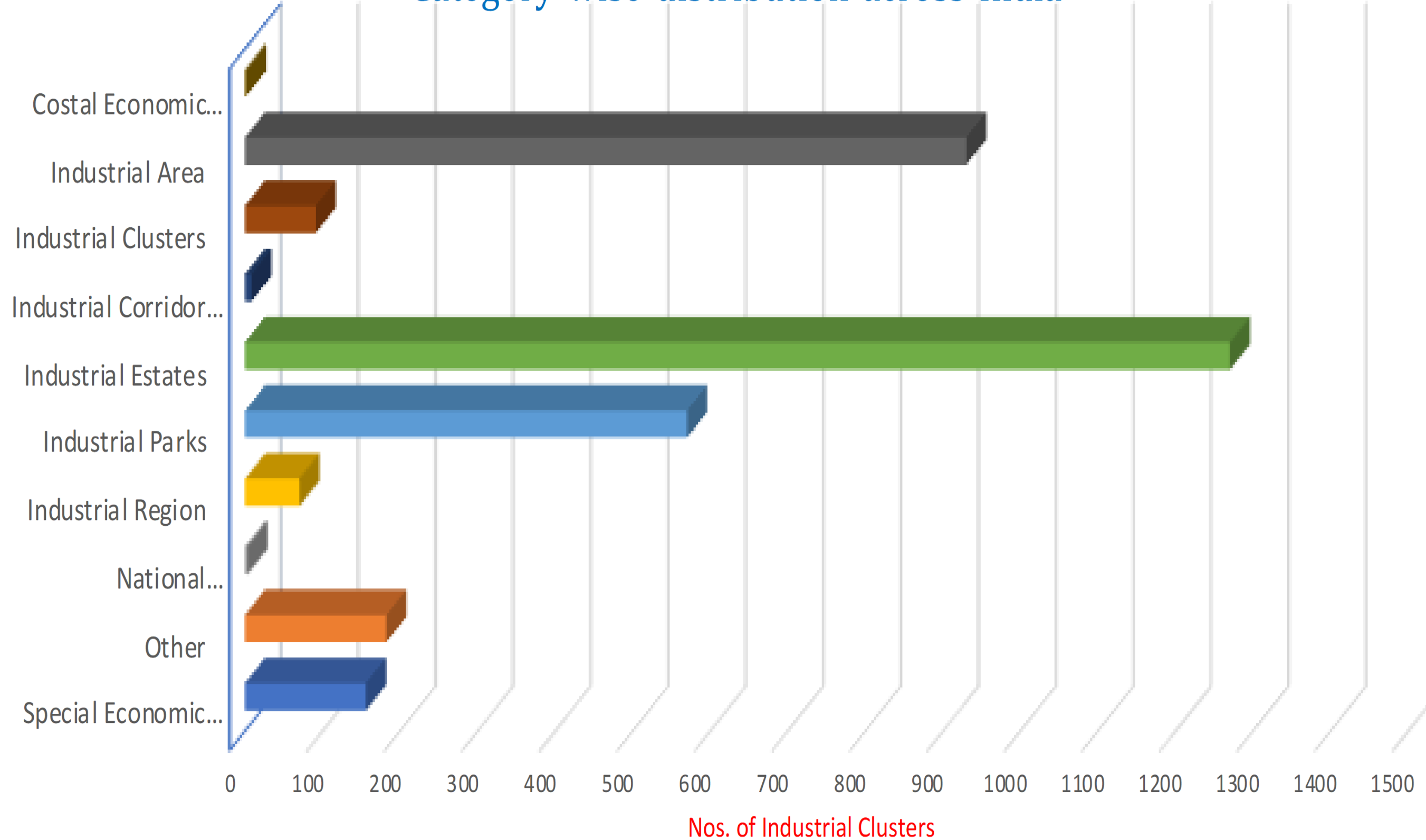
Slide No. 5 of 19

State wise availability of Industrial Land



Source: Industrial Information System, Department for promotion of Industry & Internal Trade

Category wise distribution across India



Source: Industrial Information System, Department for promotion of Industry & Internal Trade

Major Challenges



Entrepreneur has to acquire land and has to construct the shed as per his requirement.



Entrepreneur has to invest in construction of the shed by spending his initial capital and thus the need of credit flow is going high and it is not good for micro, small and medium enterprises as the credit flow to this sector is not so much.

Other Challenges

- **MSMEs are either located in industrial estates set up many decades ago or are functioning within urban areas or have come up in an unorganized manner in semi-urban or rural areas.**
- **The state of infrastructure, including power, water, roads, etc, in such areas is poor and unreliable, leading to very high transaction costs.**
- **With the growth of the industrial sector, including MSMEs**
 - **Adequate land for extension/expansion of MSMEs is simply not available.**
 - **Crowding of MSMEs operations in such areas, which are often in conflict with environmental and urban regulations.**

Gaps in Infrastructure for MSMEs

Gaps are more pronounced for the MSMEs because they on their own cannot fund many of their infrastructural requirements due to lack of funds. The solution lies in -

- **Funding for Infrastructure Development for MSMEs**
- **Data on Infrastructure should be made on single portal**
- **Construction of roads linking major cities**
- **Marketing Support & Linkage Infrastructure**
- **Power**
- **Affordable land near the critical resource for the Industry**
- **Dedicated infrastructure for the Micro Enterprises in rural areas**

Micro-Estates in Rural Areas

Major Problems

Attracting Micro Enterprises to a planned infrastructure is difficult as they normally operate from their homes

Objectives

To promote Micro units in the Rural Areas

- **Depends on baseline survey of the resources and skills available in the rural areas so that these resources and skills can be utilized by the entrepreneurs who set up their micro enterprises**
- **It is essential that along with the industrial infrastructure, social infrastructure like schools, entertainment facilities, shopping facilities will also have to be planned. This may be promoted for Micro Enterprises at the village and semi-urban level**
- **Essential marketing channels would be created in order to generate a revenue stream.**
- **To promote Micro units in the Rural Areas, Rural Industrial Zones can be created**



MSME Technology Centres

Role of TC in supporting ESDM Sector

There are 18 existing TCs with various specialized trades and 15 new TCs are set up/being set up (Details can be seen at http://www.dcmsme.gov.in/tcsp/Program%20Overview/Program%20Overview_tcsp.html)

• Manufacturing

- Concept creation support
- Product design support
- Patent registration and harnessing
- Rapid PCB Prototyping
- Electronics assembly facility for low volume production
- 3D Additive machines for mechanical components

• Testing

- In house functional testing/parametric testing
- Reliability & Qualification Testing
 - Environmental Test (Dry Heat, High/Low Temperature, HALT)
 - Transportation, Bump, Vibration, Shock, Altitude
 - Flame, Ingress of Water, Dust etc

• Skill Development/Training

- Classroom Vocational Training
- Skill Enhancement Practical Training
- Modern Techniques like AR/VR
- Incubation Center
- Machine Learning
- Gaming and Entertainment

• Calibration

- Primary Calibration
- Secondary Calibration
 - ❖ Weight
 - ❖ Mass
 - ❖ Pressure
 - ❖ Time
 - ❖ Frequency
 - ❖ Temperature
 - ❖ R, C, I.

Network of MSME Technology Centers

Existing TCs

IGTR-Aurangabad, IDEMI-Mumbai, CTTC-Bubaneswar, IDTR-Jamshedpur, CTTC-Kolkata, IGTR-Indore, CTR-Ludhiana, CIHT-Jalandhar, CITD-Hyderabad, TRTC-Guwahati, IGTR-Ahmedabad, ESTC-Ramnagar, PPDC-Agra, PPDC-Meerut, CFTI-Agra, CFTI-Chennai, FFDC-Kannauj, CDGI-Ferozabad

New TCs under TCSP

Bhiwadi (Rajasthan), Baddi (Himachal Pradesh), Rohtak (Haryana), Durg (Chhattisgarh), Bengaluru (Karnataka), Puduchery, Greater Noida (U.P.), Sitargunj(U.P.), Vishakapatnam (Andhra Pradesh), Samba (J & K), Imphal (Manipur), Pasighat (Arunachal Pradesh), Bhopal (M.P.), Kanpur (U.P.), Kochi (Kerala)

MSME TESTING STATIONS

There are 4 MSME-TCs (New Delhi, Mumbai, Kolkata & Chennai) & 7 MSME-TSs (Jaipur, Hyderabad, Kolhapur, Pondicherry, Bhopal, Bangalore, Chenganacherry) are set up all over the Country.

The main activities of these Centers/Stations are as follows:-

- To provide testing facilities to enable small industries to produce stores conforming to IS Specifications
- To provide testing facilities in accordance with the requirements of DGS&D and other purchasing departments of State and Central Governments.
- To provide testing facilities under pre shipment inspection scheme to facilitate export of small industries products.
- To provide facilities for testing under quality marking scheme introduced by State Govts.
- To help the individual units to set up in house testing arrangements in a more feasible and practical way.
- To coordinate with Bureau of Indian Standards (BIS) and other technical testing / inspection organisations in matters relating to standardization of products in small scale sector
- To provide calibration services to the units including those covered under ISO-9000 to meet their mandatory requirement.
- To provide training in testing and calibration, as a measure to strengthen availability of trained manpower in the industry.
- To provide testing facilities to the export oriented units in order to build quality of the products manufactured by SSI sector and thereby improve the export performance from this sector for specified products.

Conclusion

- **A Clear Land use Policy is required**
- **Build Plug-and-Play Rental Factories & Ensure Ease of Doing Business**
- **Smaller industrial townships across the country are more practical for MSEs than large industrial townships**
- **Renovation of existing Industrial Estates**
- **Land Bank and Consolidation of Vacant Plots**
- **Allocation of fund for industrial infrastructure in annual budget**
- **Flatted Industrial Estates**
- **Industrial Infrastructure Development Fund (IIDF)**
- **Data infrastructure**
- **Participation of Private Entity for development of Industrial estate**
- **Creation of dashboard for information in Industrial estates/parks as like Industrial information System**

ACTIONABLE POINTS

Inputs suggested for the sustainable infrastructural requirements/developments.

- i. Identification of vacant land in the existing Industrial estates/SEZs/Integrated tech parks/Unutilized Land possessed by the allottee**
- ii. Establishment of Trade fairs centre District wise/Virtual Trade Fair at District/State Level**
- iii. Establishment of Micro Industrial Estates/ Flatted Industrial park in rural areas**
- iv. Establishment of Permanent Exhibition Centre in the vacant spaces of MSME-DIs**
- v. Other State specific suggestions to be shared with State Governments/DIC's.**

ACTIONABLE POINTS

Modification in schemes of MSMEs are required . The suggestions may be compiled at ADCs/DDG level.

Scheme wise webinars to finalize the new schemes to be organised by respective ADCs/DDG.

Target date: 15-08-2020

Action by: All Team Heads

Cont...

ACTIONABLE POINTS

A suggestion came for converting the vacant floor space available in each MSME-DIs as permanent exhibition centre which may be rented to needy MSMEs.

A Concept Note is to be prepared to assess-

- i. How much space available/can be spared in each DI**
- ii. Cost of making the exhibition centre**
- iii. Recurring expenditure if any.**

Target date: 30-09-2020

Action by: Shri Anand Sherkane, ADC & Shri Srinivasulu, Director, MSME-DI, Guwahati

THANK YOU