

Changes in Land use - NOIDA

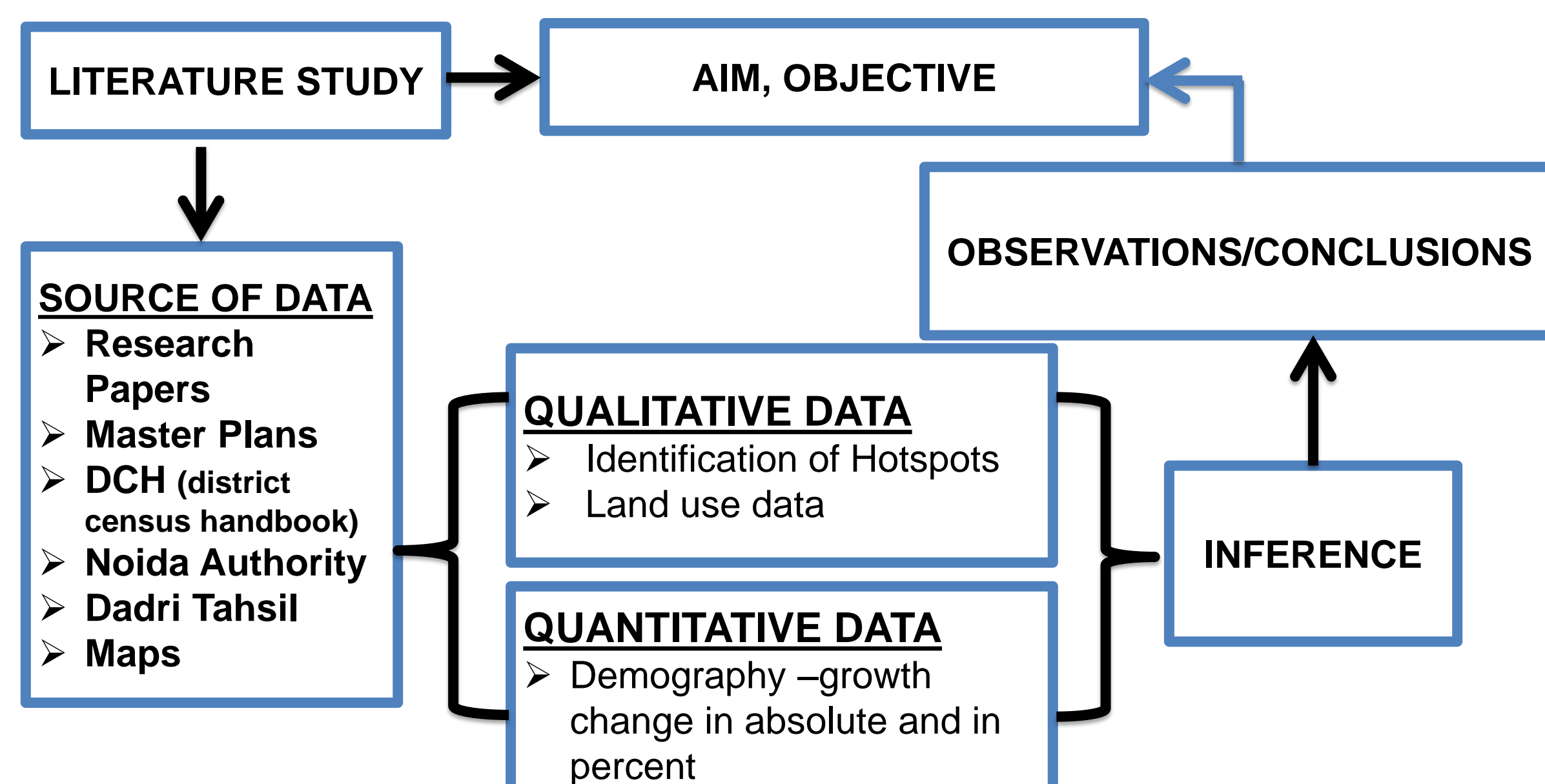
AIM:

- To analyze land use change over a period of time

INTRODUCTION:

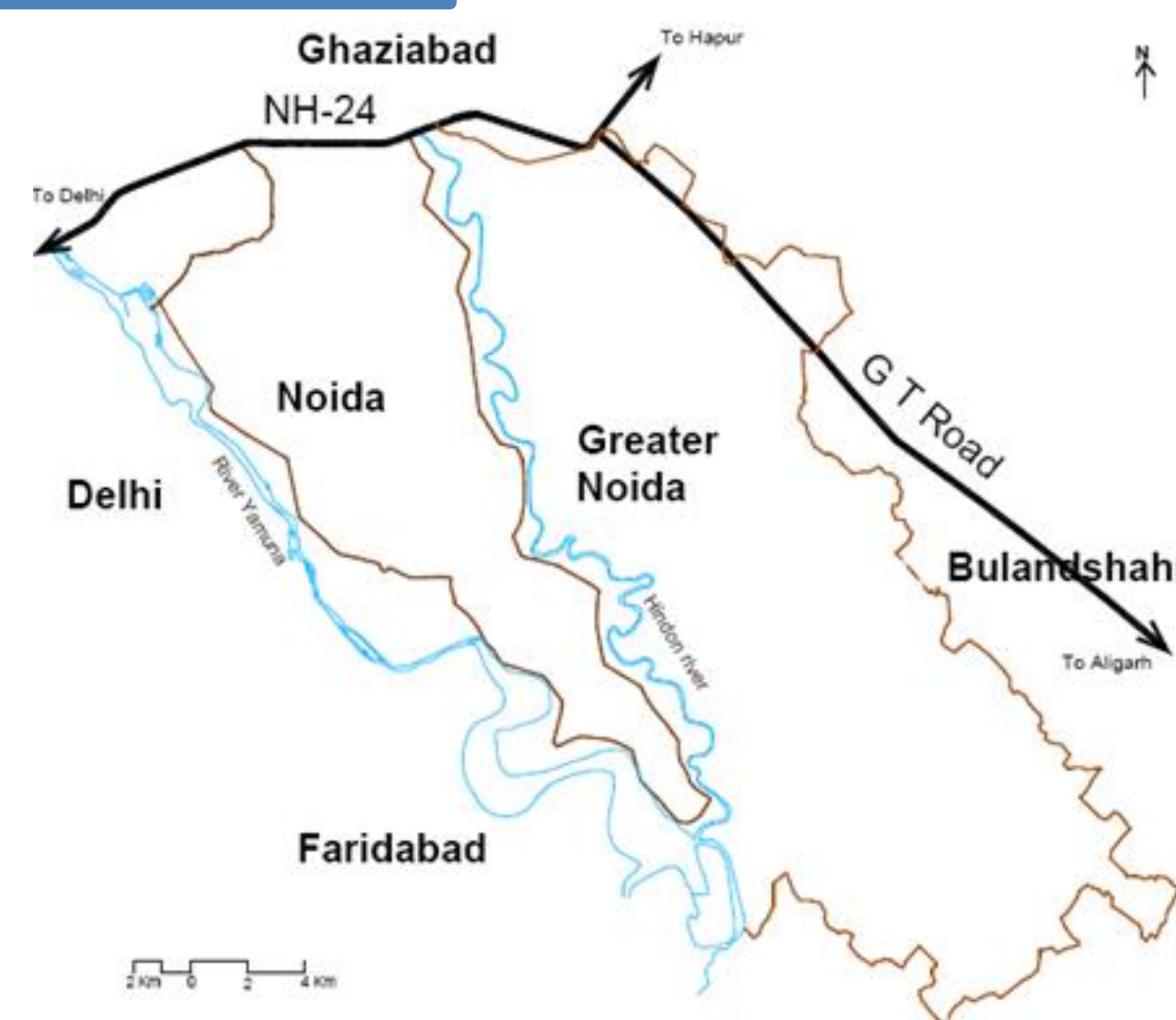
- NOIDA stands for **New Okhla Industrial Development Authority**.
- Under *UP Industrial Area Development Act*, it came into existence on 17 April, 1976.
- NOIDA (CT) is a census town. Accommodated with 81 villages falls under Gautam Buddha district. The district has three Tehsils - Jewar, Dadri and Gutham Buddha Nagar.
- NOIDA (81 villages) falls under Dadri, Sadharan and Ghaziabad Tehsils.
- Administrative Headquarters located in twin town Greater Noida.

METHODOLOGY:



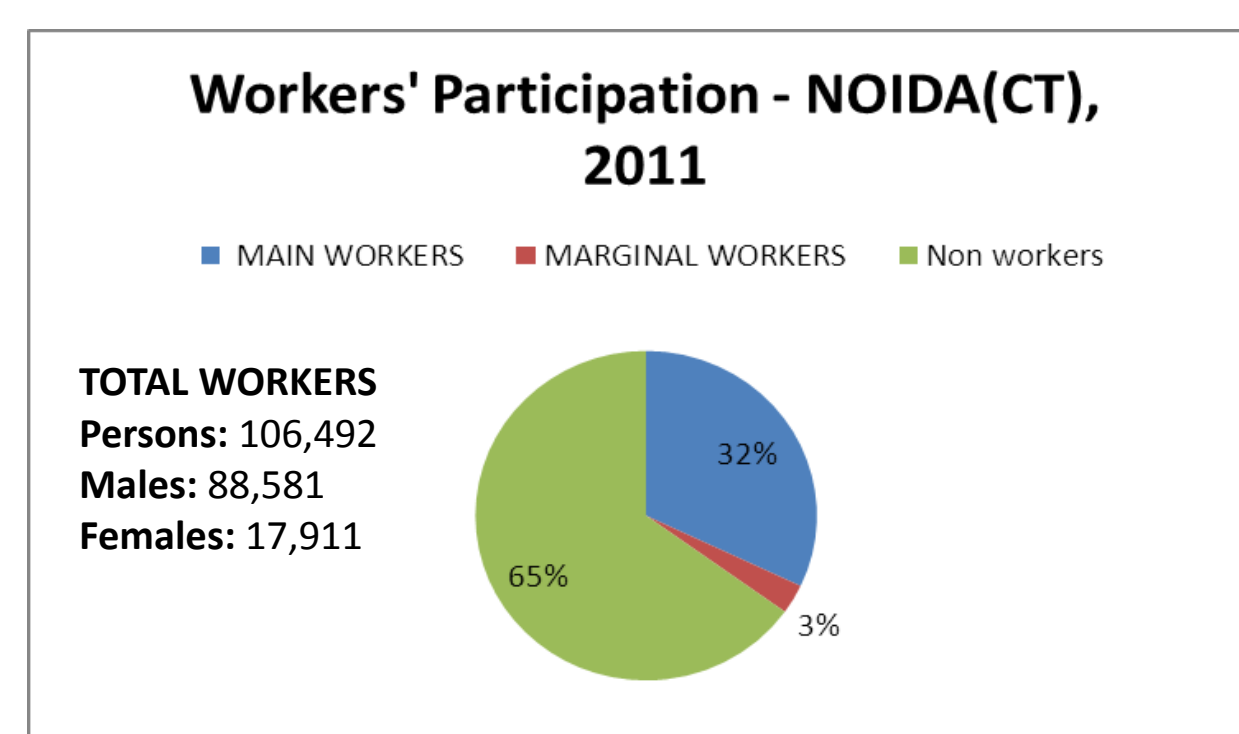
LOCATION:

- Coordinates are **28.5700° N**, **77.3200° E**, and bounded by rivers Hindon and Yamuna on three sides and the National Highway no. 24 in the north

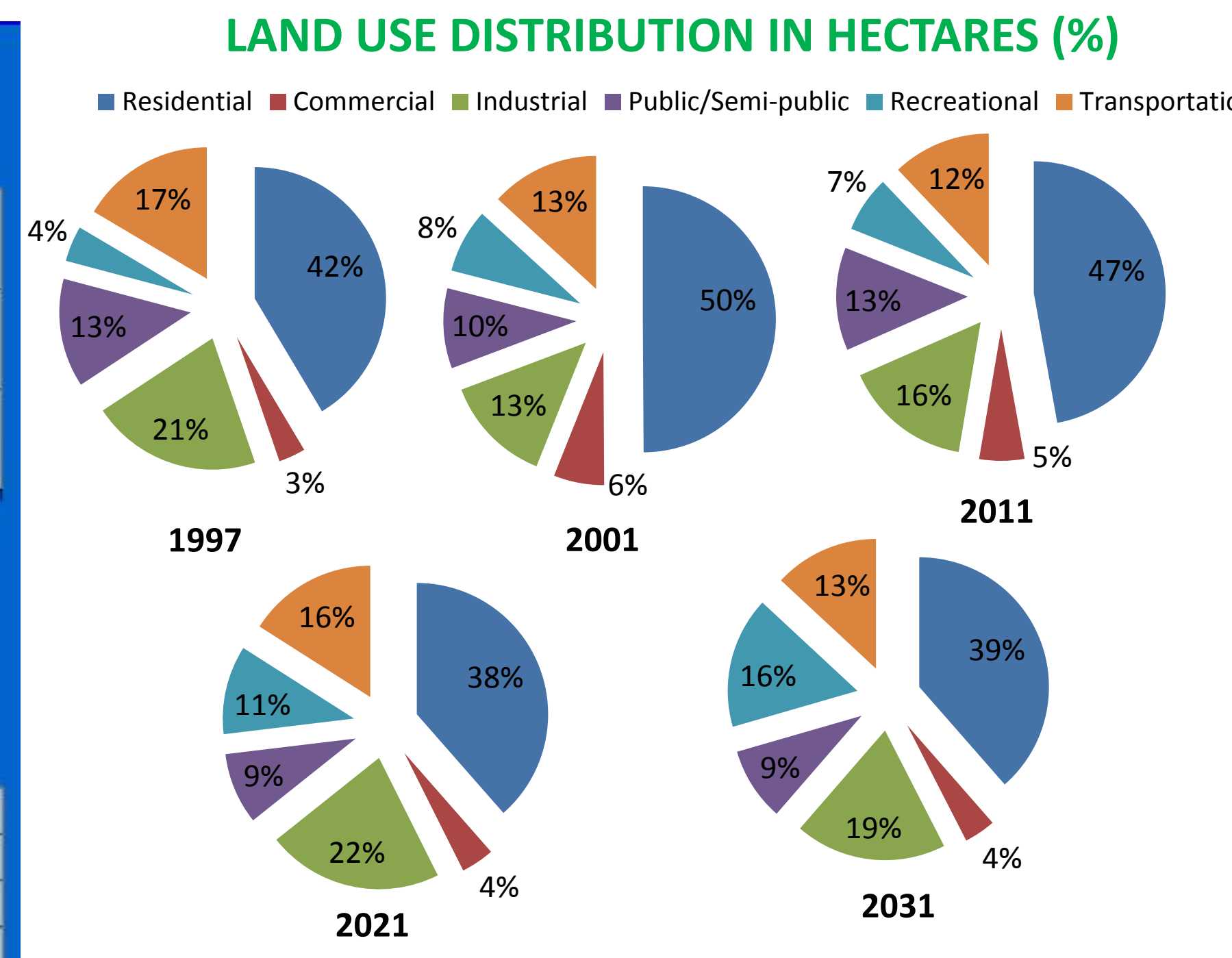
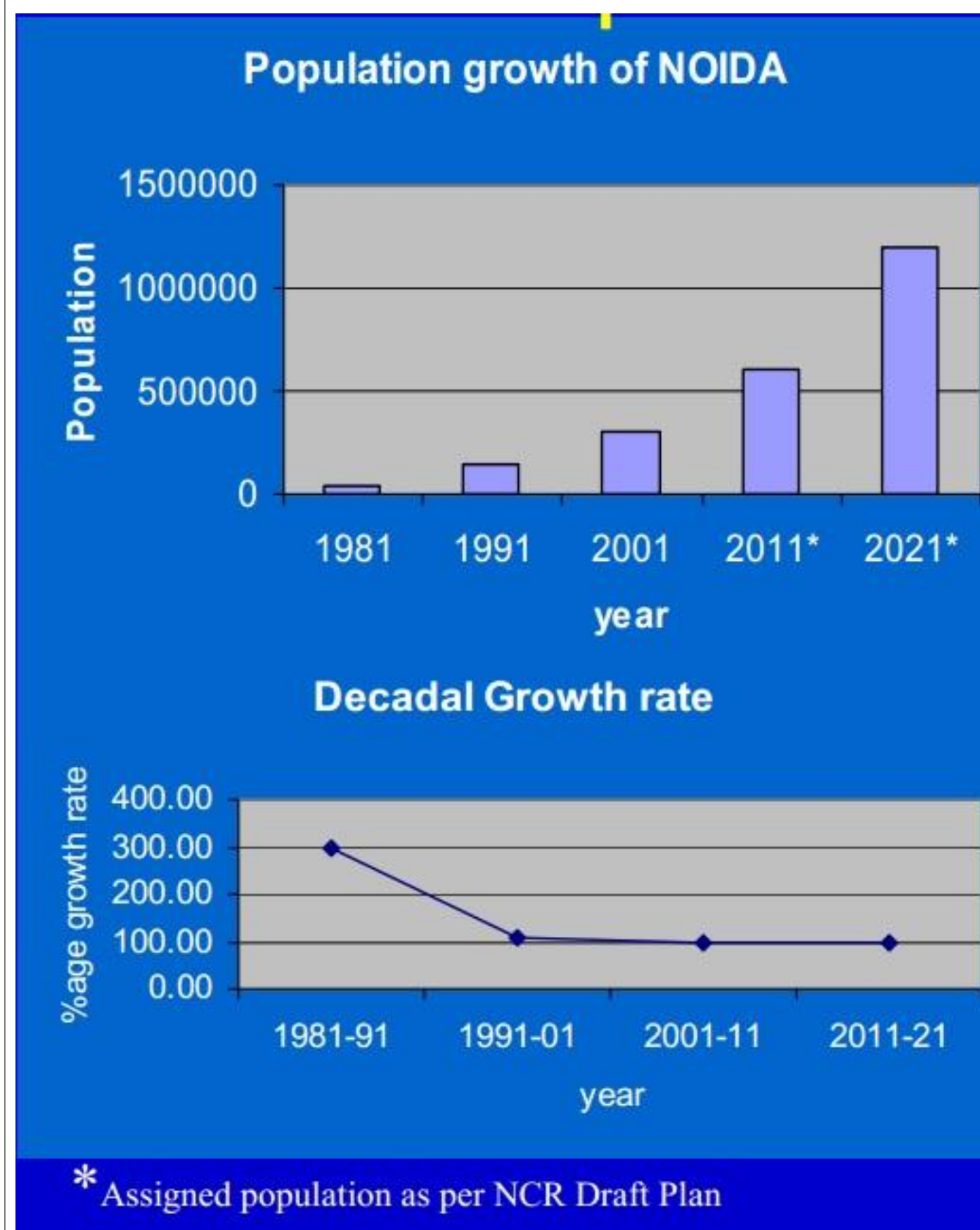


DEMOGRAPHY:

ATTRIBUTES	2001	2011
Area (km)	90.43	90.43
Total Population	305,058	642,381
Male	168,958	352,577
Female	136,100	289,804
Sexratio	806	822



Census Year	Persons	DECADAL VARIATION IN POPULATION SINCE		Males	Females
		Absolute	Percentage		
1981	5,14,037	+1,07,190	+26.35	2,78,326	2,35,711
1991	7,70,367	+2,56,330	+49.87	4,24,979	3,45,388
2001	11,05,292	+3,34,925	+43.48	6,00,954	5,04,338
2011	16,48,115	+5,42,823	+49.11	8,90,214	7,57,901



HOT SPOT:

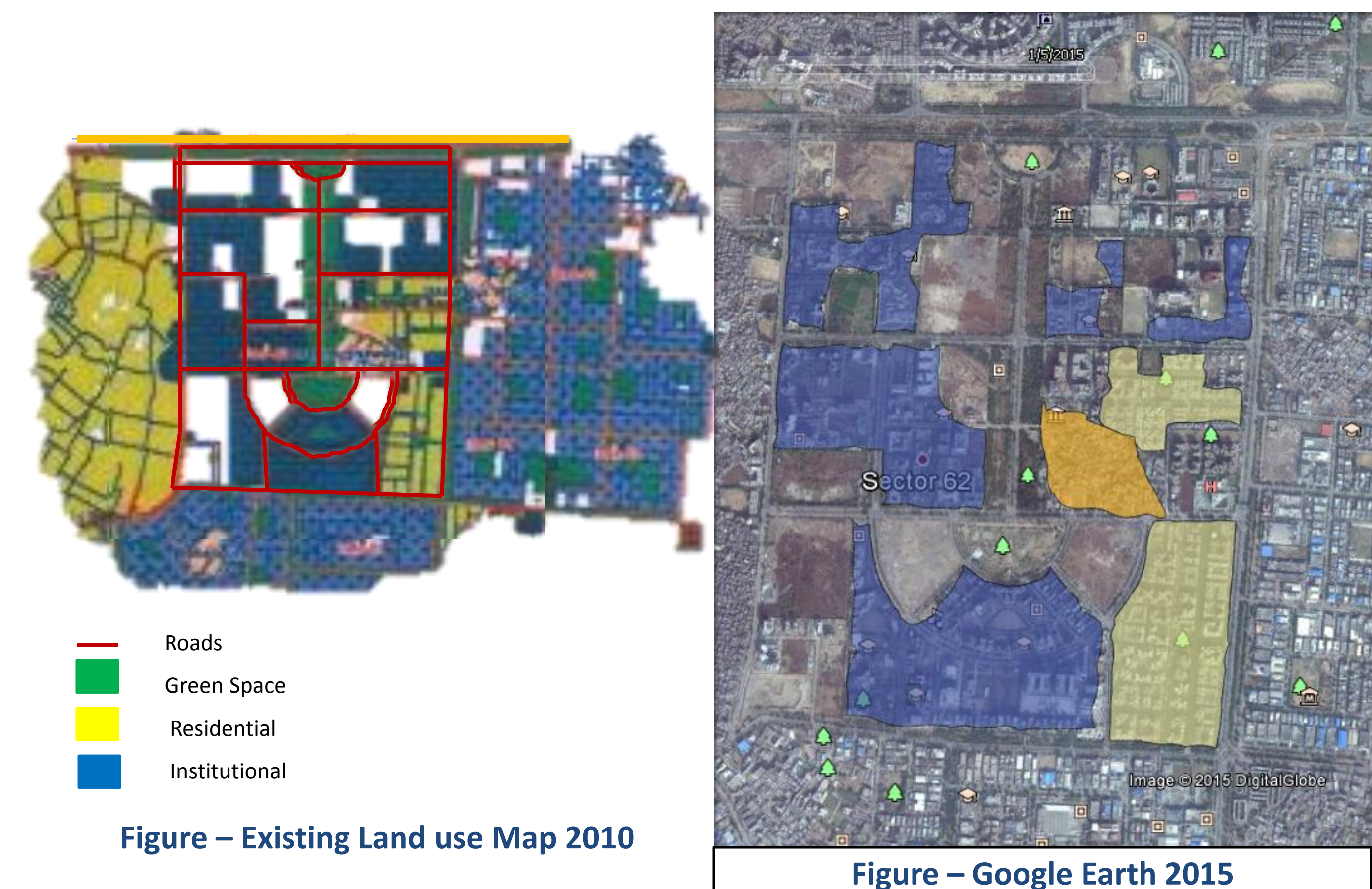
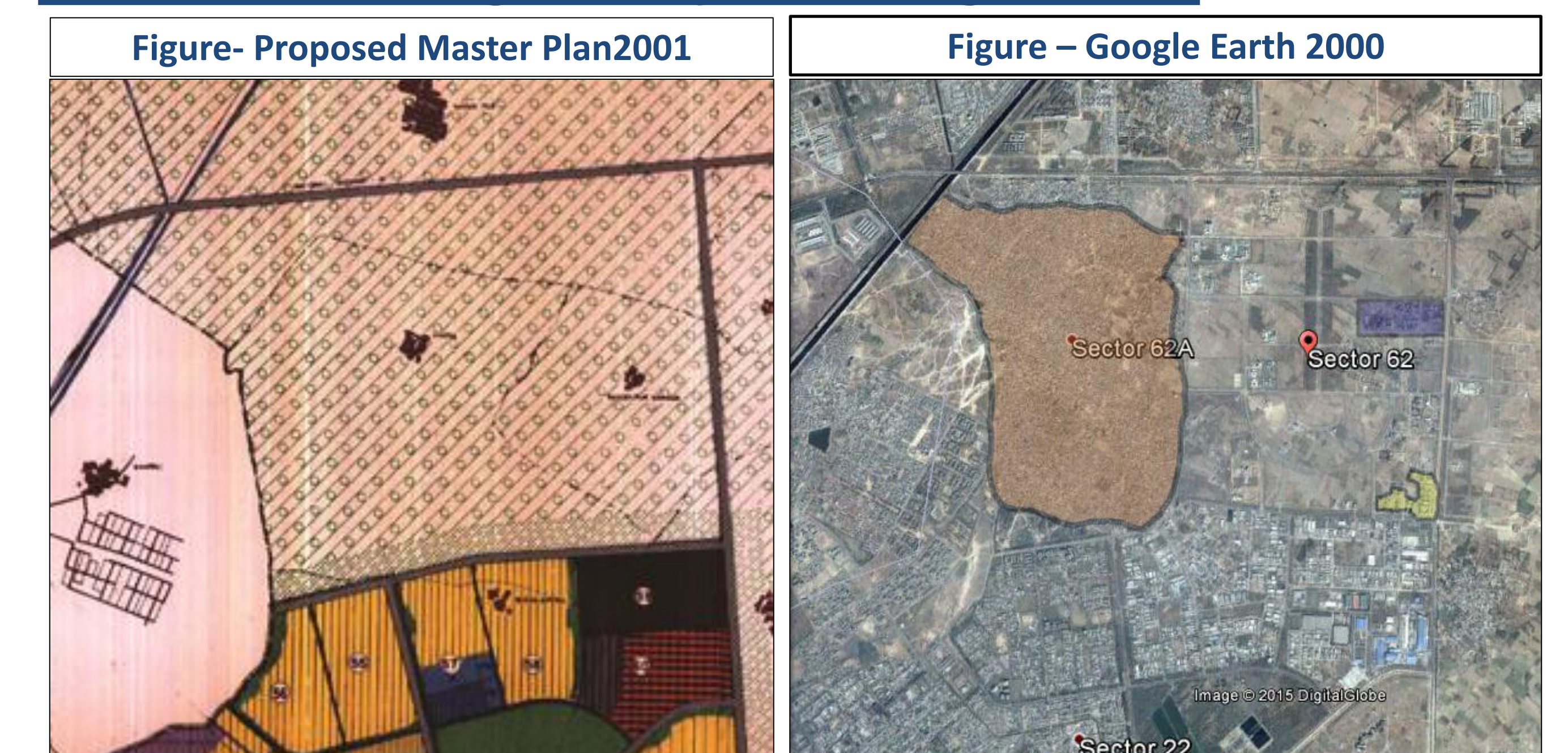
LAND USE CHANGE (Up to 2000):

- As per proposed **Master Plan 2001** the land use for present Sectors 62, 62A and 63 was **Agricultural** but still during the year 2000 lot of planned and unplanned built up area existed on ground.
- Khora village was engulfed by urban sectors by 1991 had grown to relatively large (above 10,000) as per the 1991 census.
- Several **Institutional and Residential Buildings** came on agricultural land before 2001.

LAND USE CHANGE (Up to 2015):

- In Sector 62 proposed for Institutional Land use, **High rise residential buildings** have come even before 2001. Even in conditional land use.

Land Use Change Analysis along NH-24:

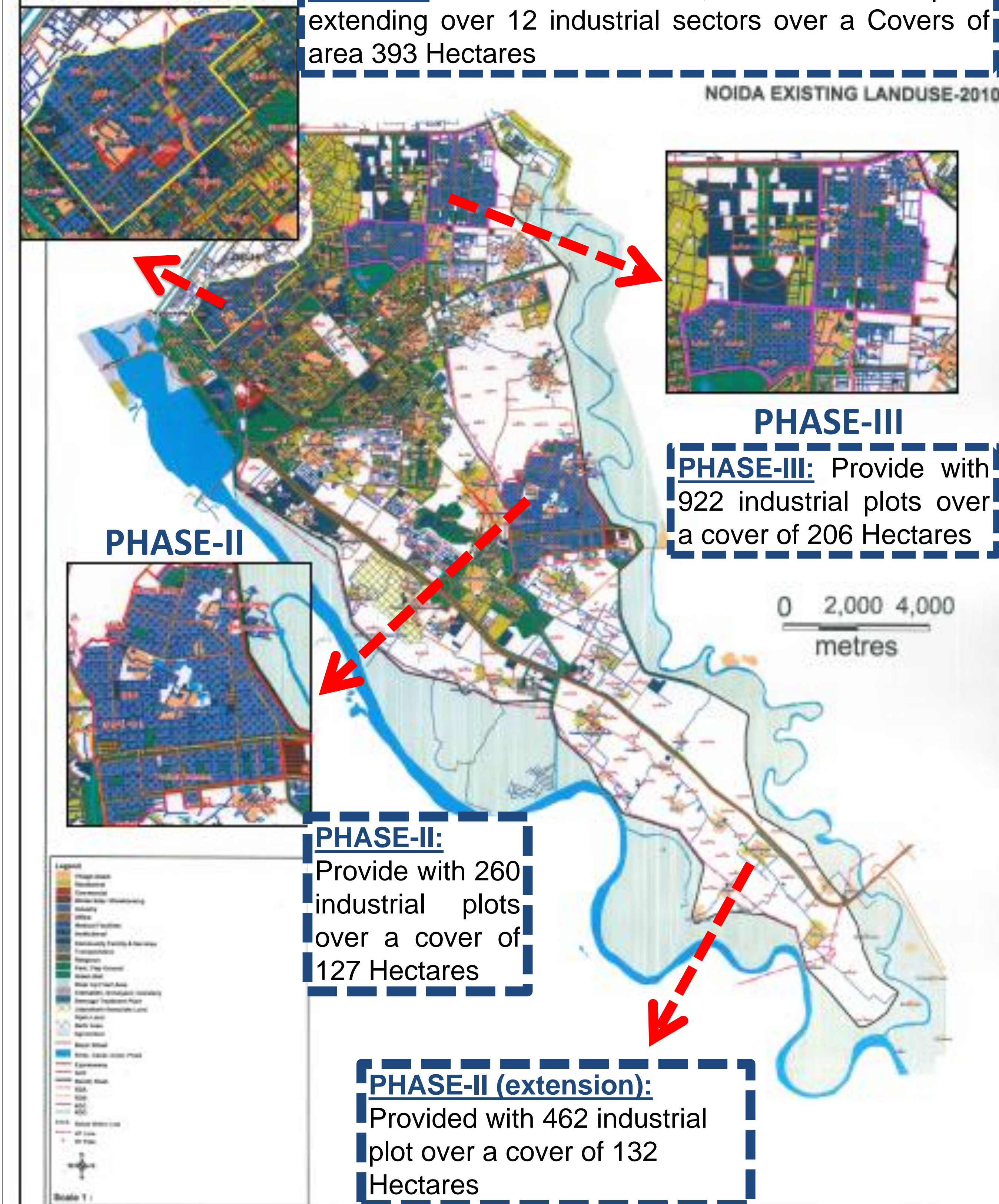


NOIDA PHASES DEVELOPMENT (2010):

- NOIDA city was development phase wise under phase-I, II, II extension, III

PHASE-I

PHASE-I: Provided with 4,800 industrial plots extending over 12 industrial sectors over a Covers of area 393 Hectares



INFERENCE:

- The developed urban area of Noida including Noida Phase-II area occupies the central and Northern areas of Noida. Majority part of the Southern area beyond Noida drain is predominantly rural in character where rural settlements are still found to exist in a scattered manner all over the area. However, this part of Noida's notified area is also urbanizing at a rapid rate during last few years.
- The development of industrial area Phase II, NEPZ, and the hosiery complex, was undertaken during the 80s and afterwards
- Development of the area emanates from the fact that, being a low lying area, and having been reclaimed for development after constructing embankments all around, it is essentially low-lying. Hence, this area is difficult to manage from the point of view of drainage and sewerage.
- The aerial spread of the city is bound to stop after the entire notified area is developed, though a limited population increase will still take place through the process of densification.