

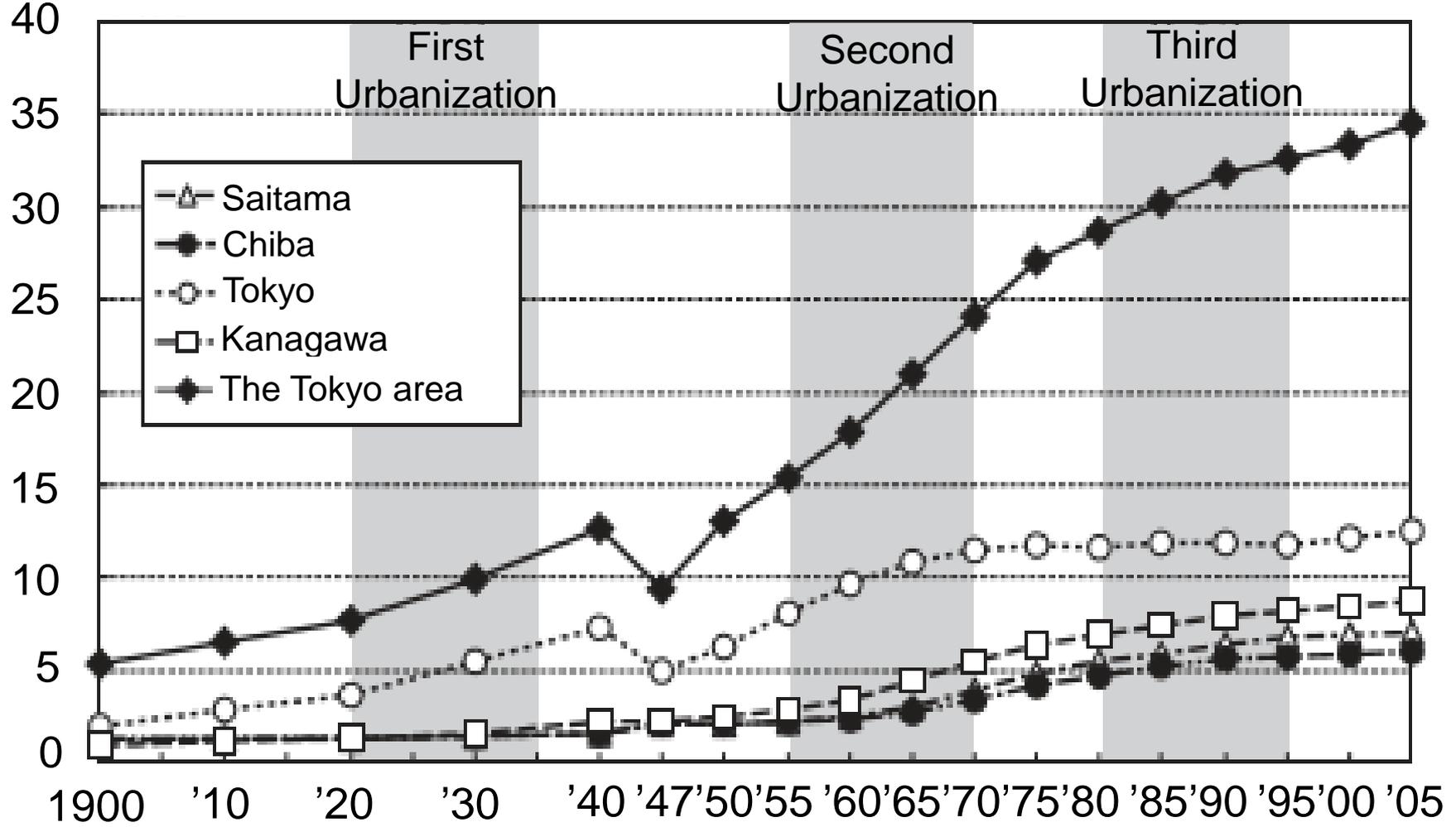
City Planning and Transit Oriented Development in Japan

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Population

In millions

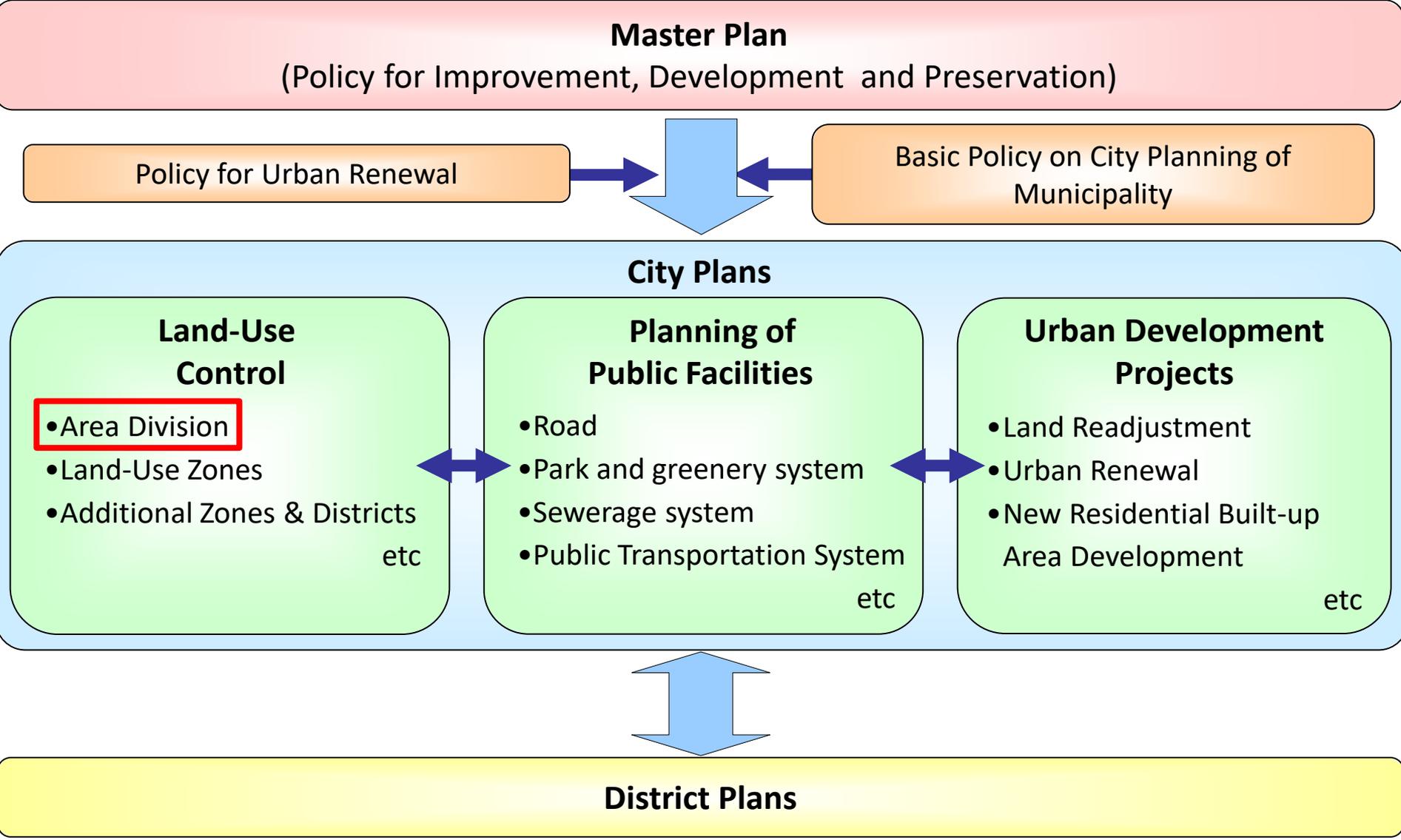


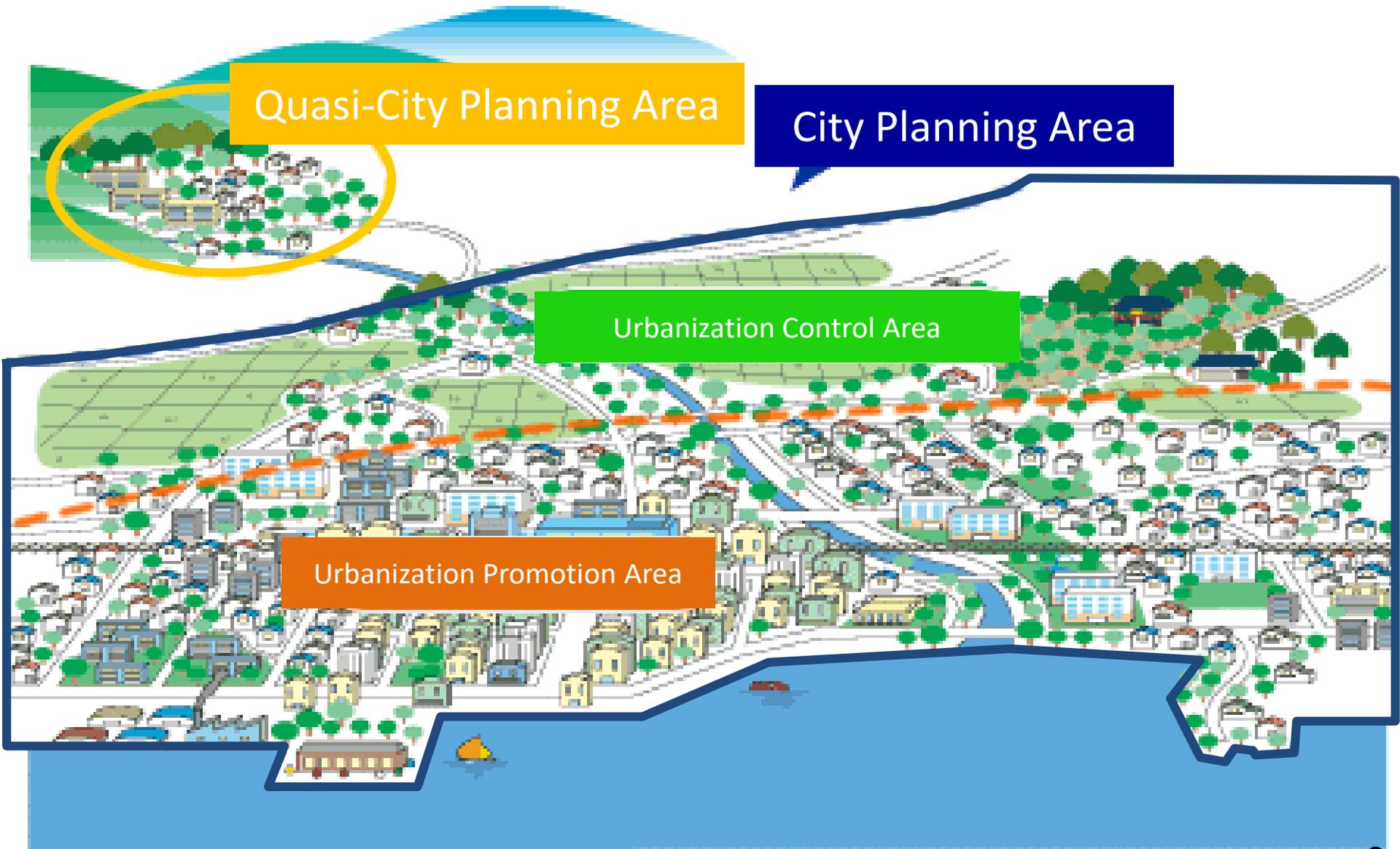
High economic growth period

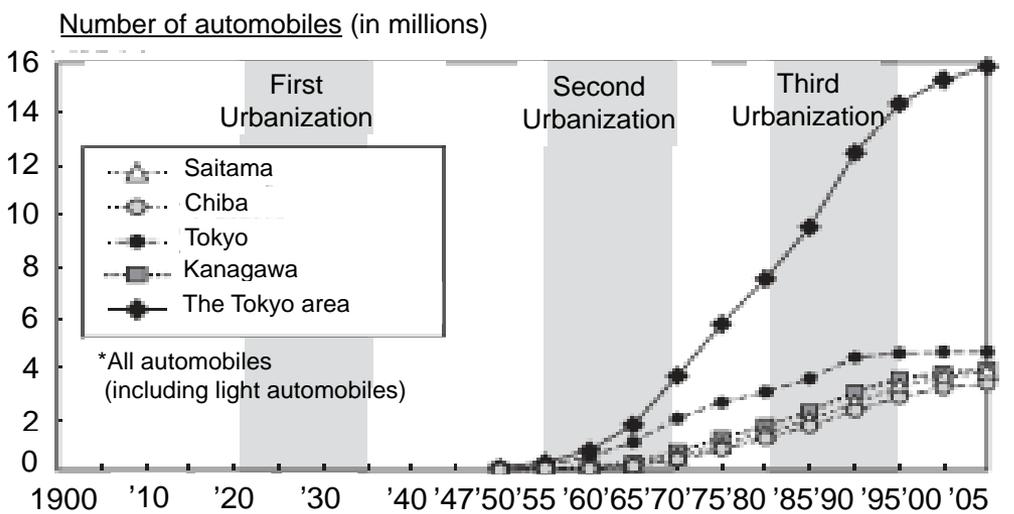
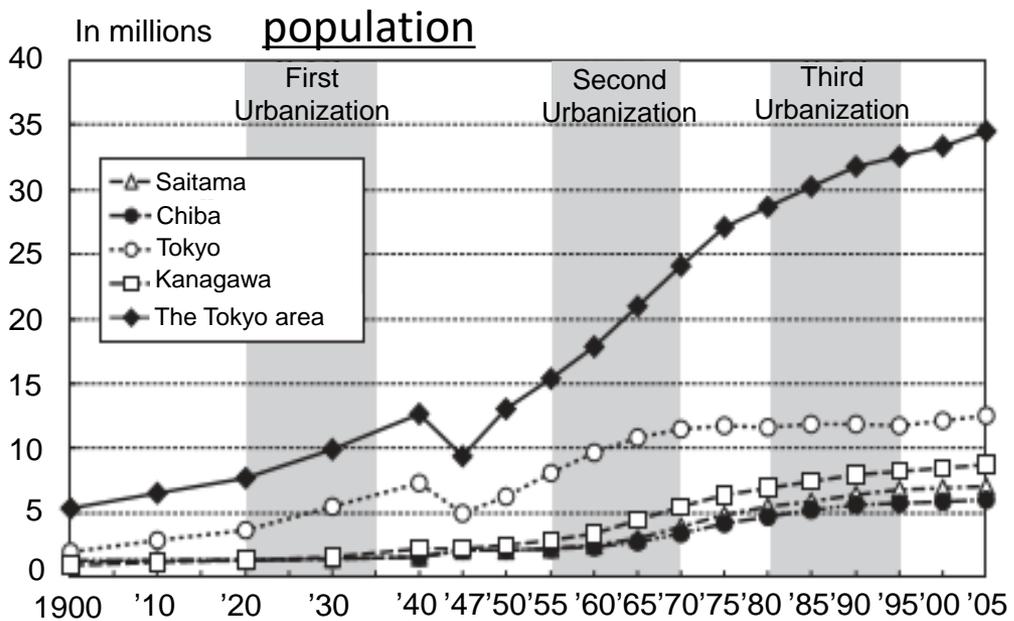
Source: Population Census "Historical Statistics of Japan"

Legislative System of City Planning

Outline of City Planning Law (1968~)

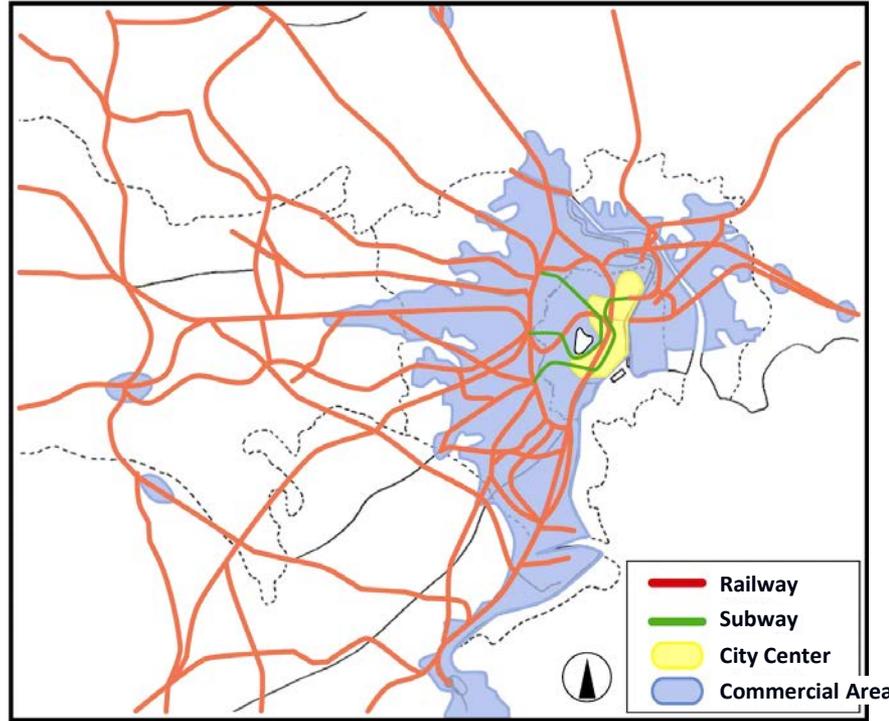






Railway Network

in the 1950s



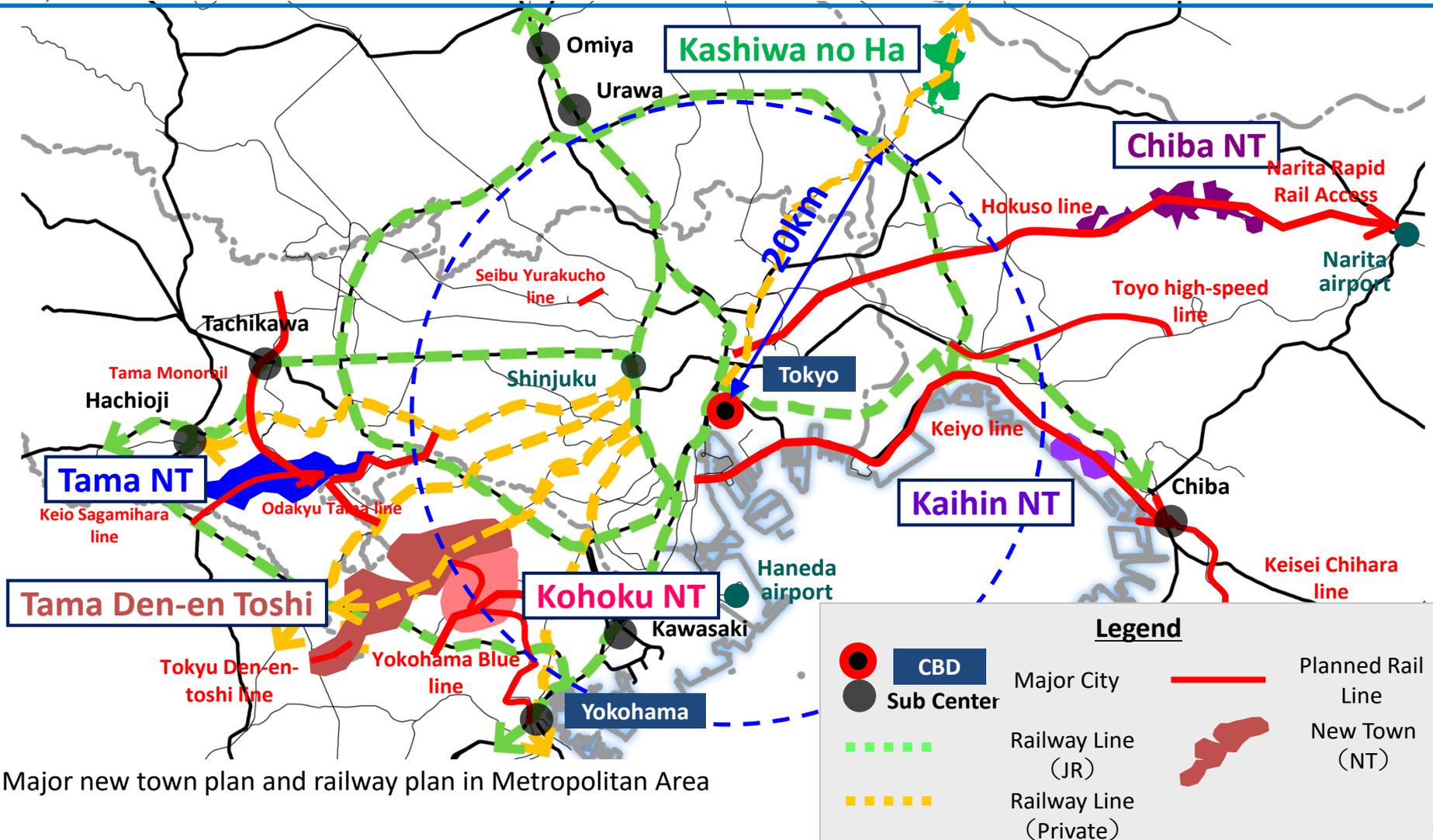
Source: Tokyo Bureau of Transportation 80 years history

Source: Population Census “Historical Statistics of Japan”
Automobile Inspection & Registration Information Association)

Transit Oriented Development : TOD

The Plan for National Capital Region Development to control sprawl of the city and urban development.

➔ Integrated plan to develop urban railway and new town in wide area.



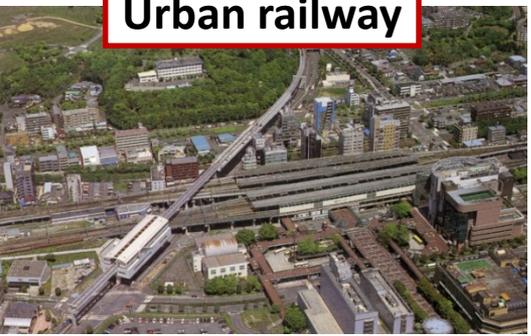
Major new town plan and railway plan in Metropolitan Area

Example of TOD : Tama New Town

- Urban development by public government.
- New construction of two radial private railways with direct connection to central Tokyo
- New construction of a loop of Tama Intercity Monorail with connection to Tachikawa City

Development of Tama New Town

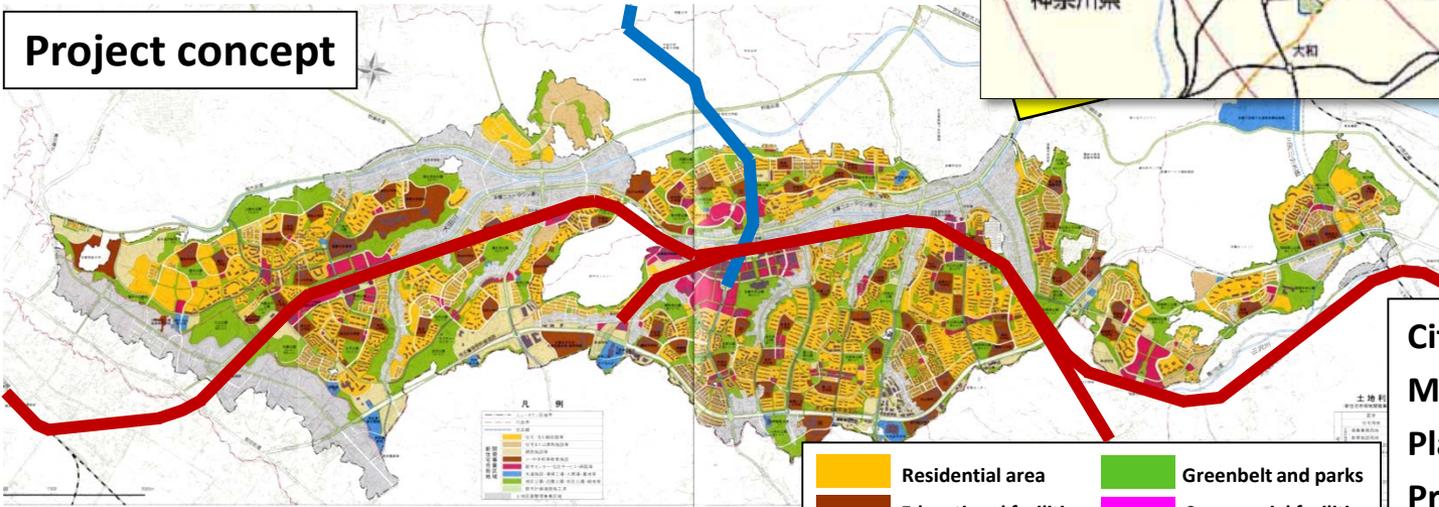
Urban railway



Monorail



Project concept

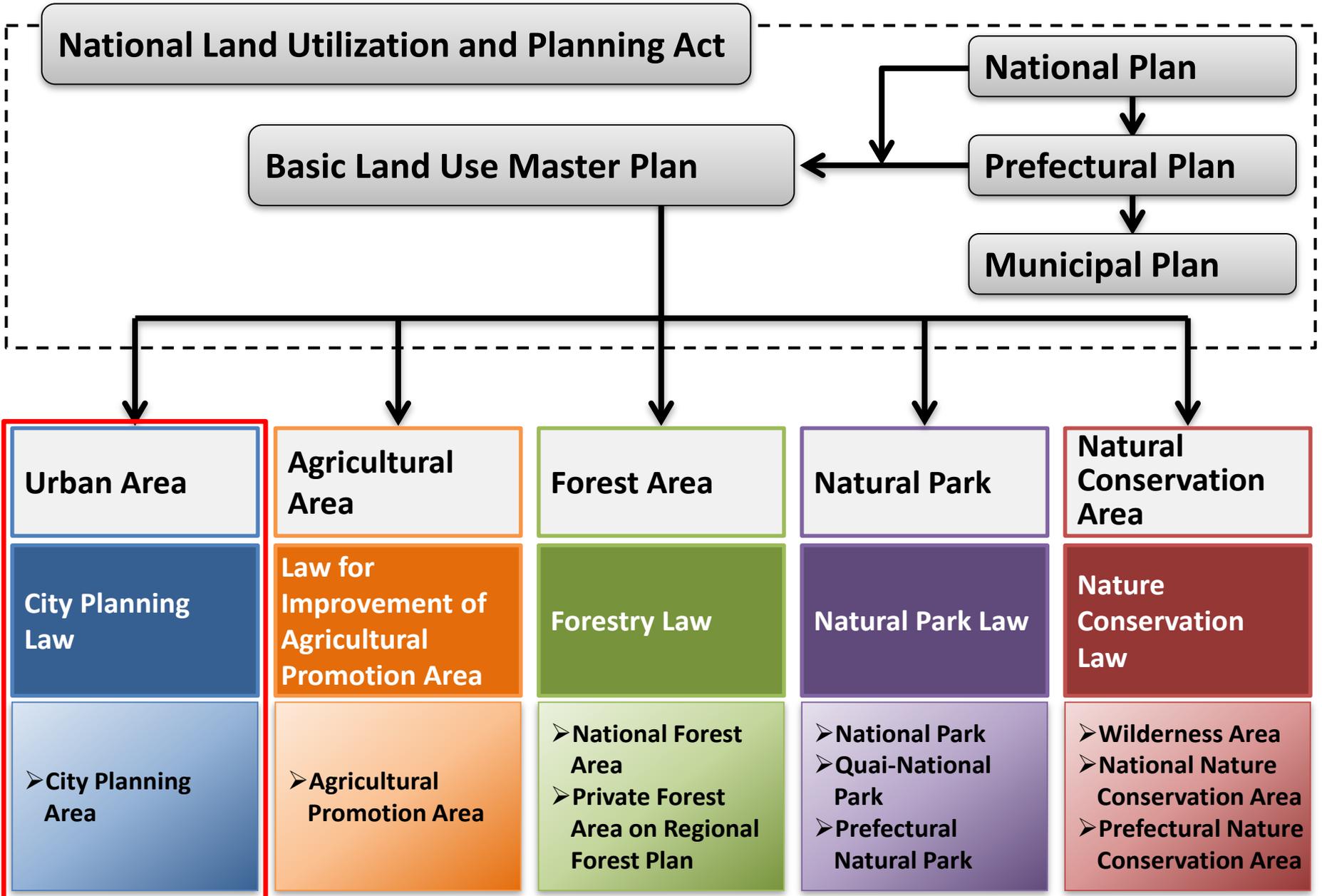


Source: City and Transportation, Vol. No. 65 (Japan Transportation Planning Association)

City plan decided : 1965
 Moving-in started in : 1971
 Planned area : 2,892ha
 Projected population: 340,000



Source: Materials submitted by UR



【Reference】 Example of TOD (Futako Tamagawa Rise, Tokyo)

- Transit Oriented Development centering on the intersection of two railway lines
 - Large scale development (11 ha) of commercial, office, residential complex on unutilized land
 - Designed to serve as a regional hub for bus network with the development of station square.
 - Realized eco-friendly town through efficient energy use in infrastructure and buildings, utilization of rich natural environment along the river.
- (Awarded world's first LEED* Gold in the "Town Planning Section" in 2015)
- *LEED: Environmental performance assessment index under the control of the U.S. Green Building Council aiming at the dissemination of sustainable buildings.



↓ Development of environment where people live in harmony with nature-abundant environment of Tama River, etc.



↑ Location map ↓ Station Square



Source: Website of Futako Tamagawa Rise (<https://www.rise.sc/>)