

Aiming for a Thriving Low-Carbon Society; Toyota City



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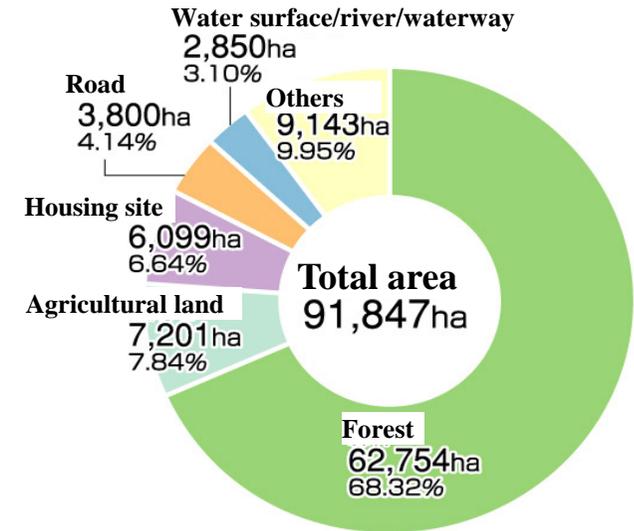
Toyota City

Overview of Toyota City

- ◆ Population: 421,316 (as of March 1, 2015)
- ◆ Area: 918.47 km² (18% of Aichi Prefecture)
- ◆ Industrialized urban areas and hilly & mountainous depopulated areas coexist.



Aichi Prefecture



Specialties of Toyota City



Efforts for “Environmental Model City”



Traffic

- Realization of eco-friendly car life through smart use of car and road
- Construction of human- and environmentally-friendly public transportation system



ハイブッド・シティ
環境モデル都市 とよた

Industry

- Prevalence of environmental management by building the Toyota City Environmental Management Network
- Promotion of transition to sustainable plants

Hybrid

[Target for CO₂ reduction]
2030: 30% reduction
2050: 50% reduction

Forest

- Maximization of CO₂ absorption amount by strengthened thinning
- Promotion of use of regional lumber
- Educational activities for citizens and forest environmental education



Residential

- Promoting widespread use of photovoltaic generation systems
- Energy saving of lighting/ home electric appliances/ architectural structures
- Improving environment-related knowledge and raising environmental awareness through visualization
- Cooperation structure with residents, etc. in each region



Urban center

- Upgrading low-carbon society model districts
- Building urban center where "human" and "green" coexist



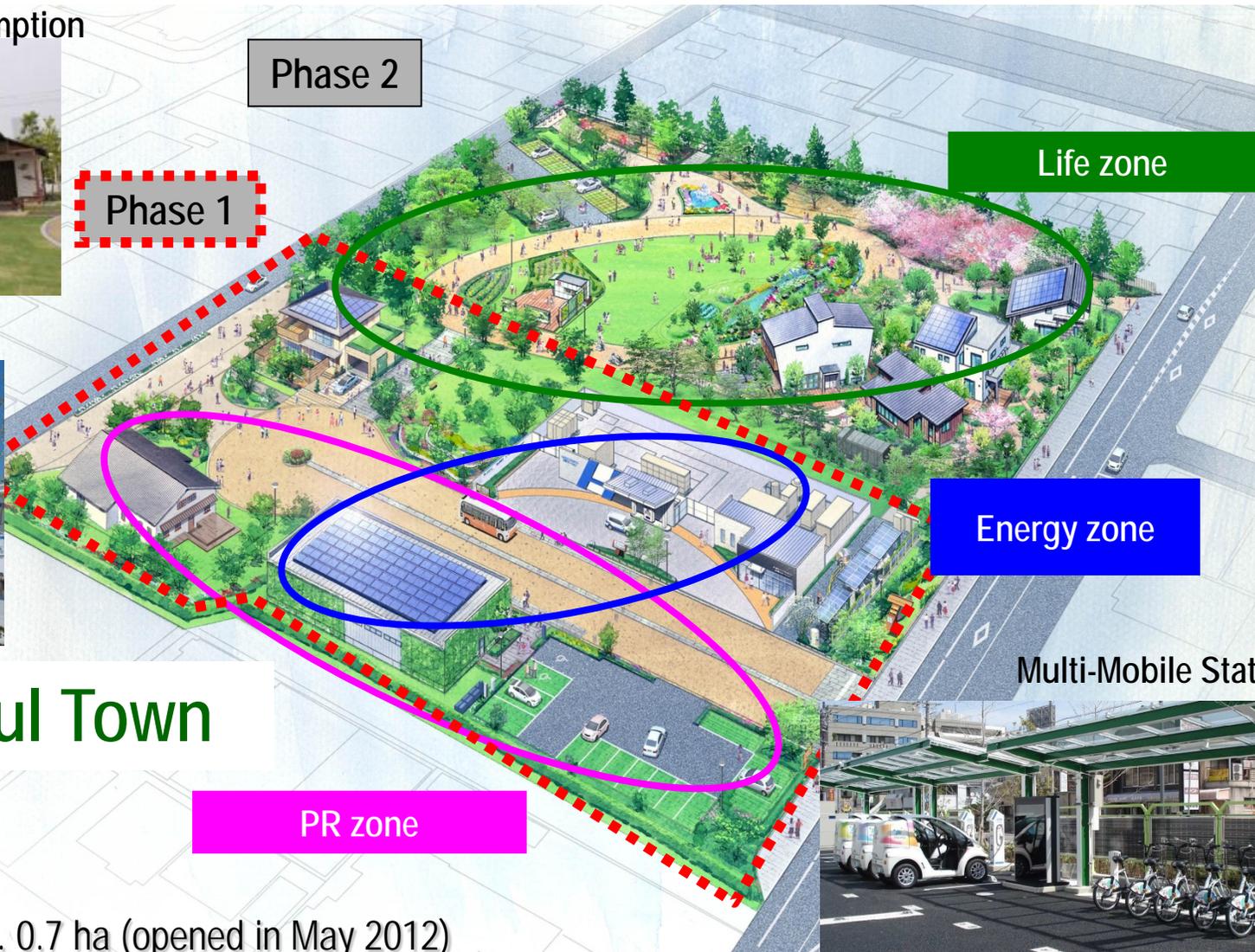


Ecoful Town: An Area to Visualize and Better Understand Our Eco Efforts in Toyota City

House for local production of local energy consumption



Hydrogen Station



Toyota Ecoful Town

■ Planning area

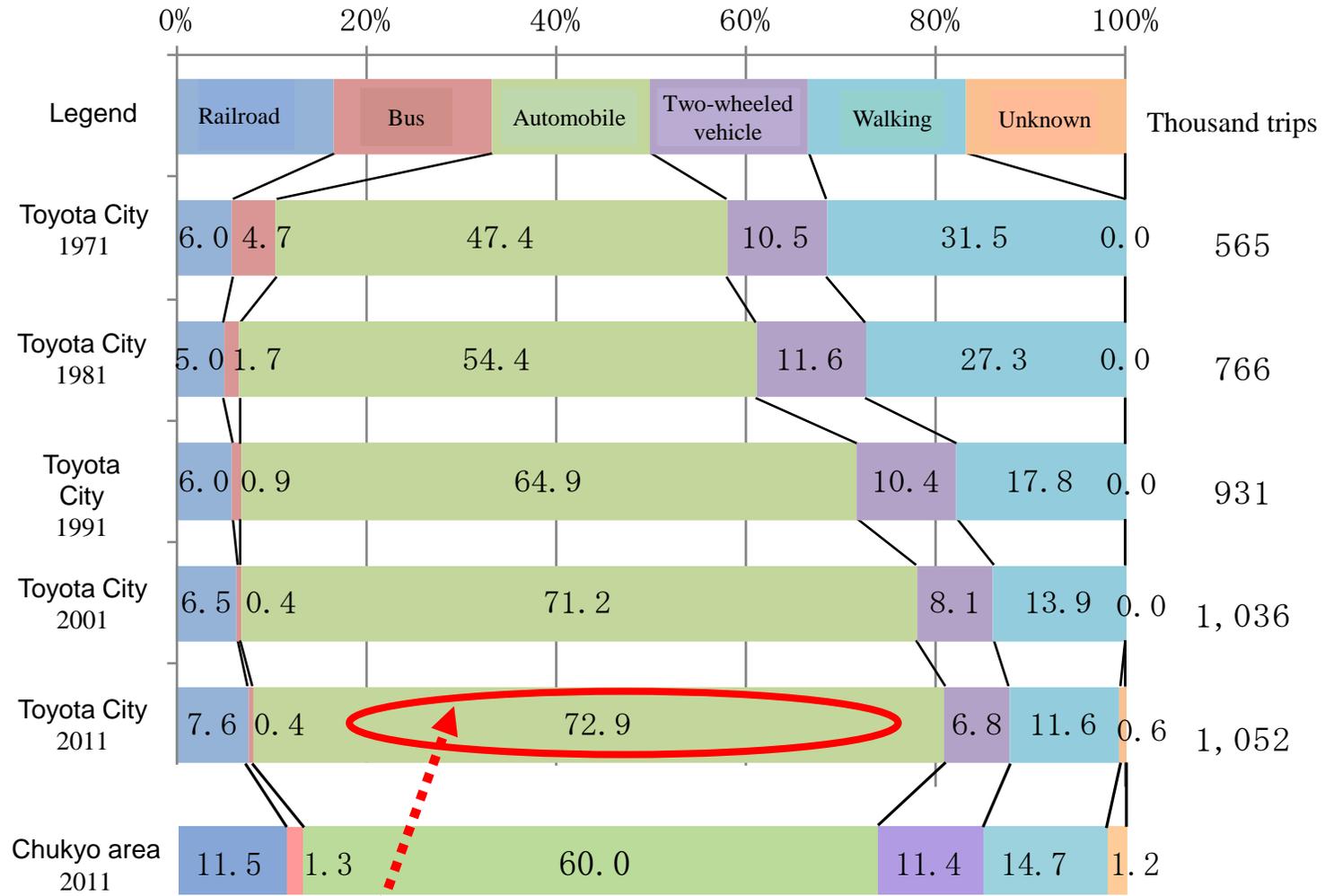
In Motoshiro-cho

Area for phase 1 = approx. 0.7 ha (opened in May 2012)

Total planning area = approx. 1.55 ha (to be completed in March 2014)



Share of Various Means of Transportation in Toyota City

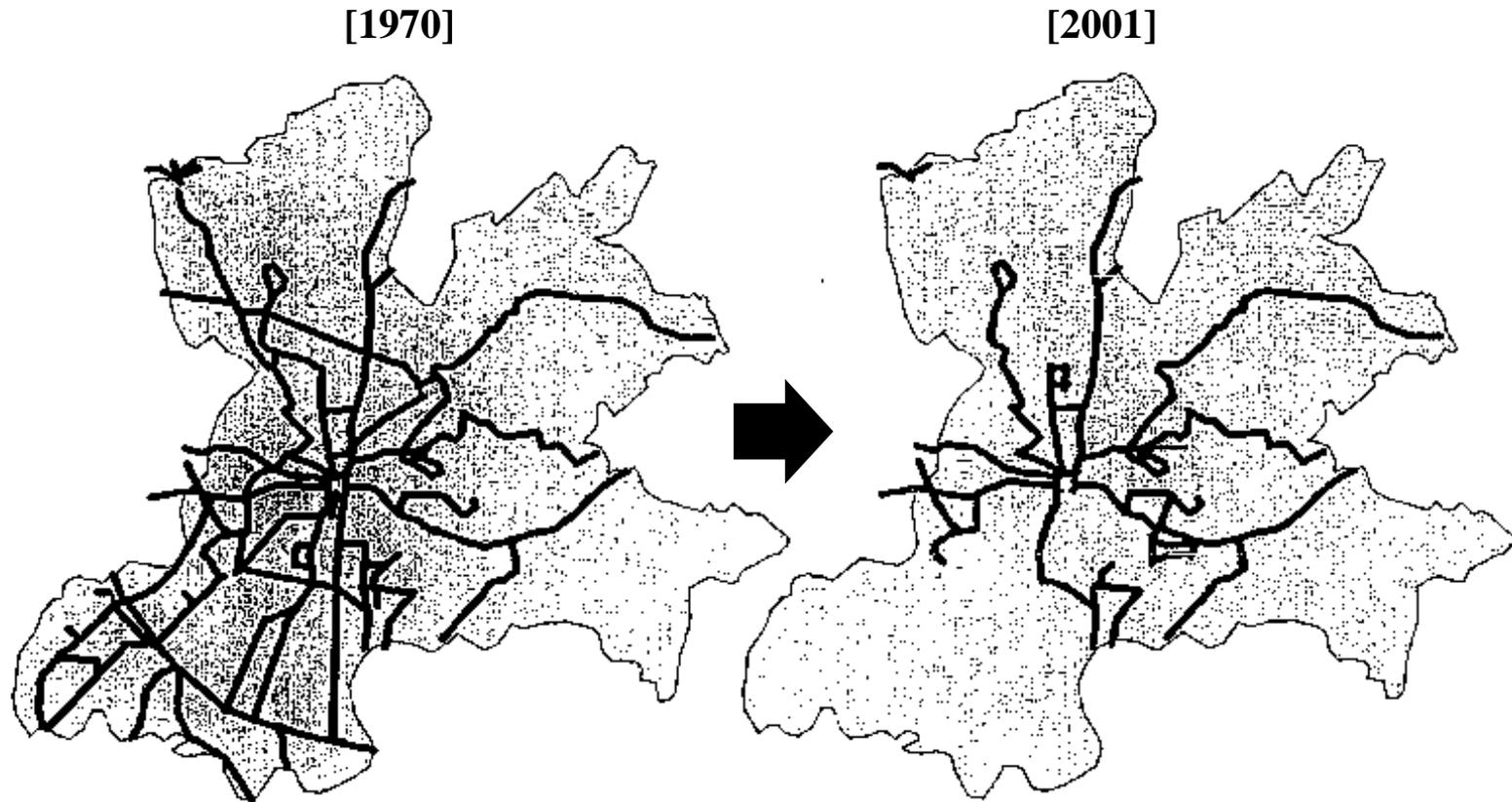


High dependence on automobiles

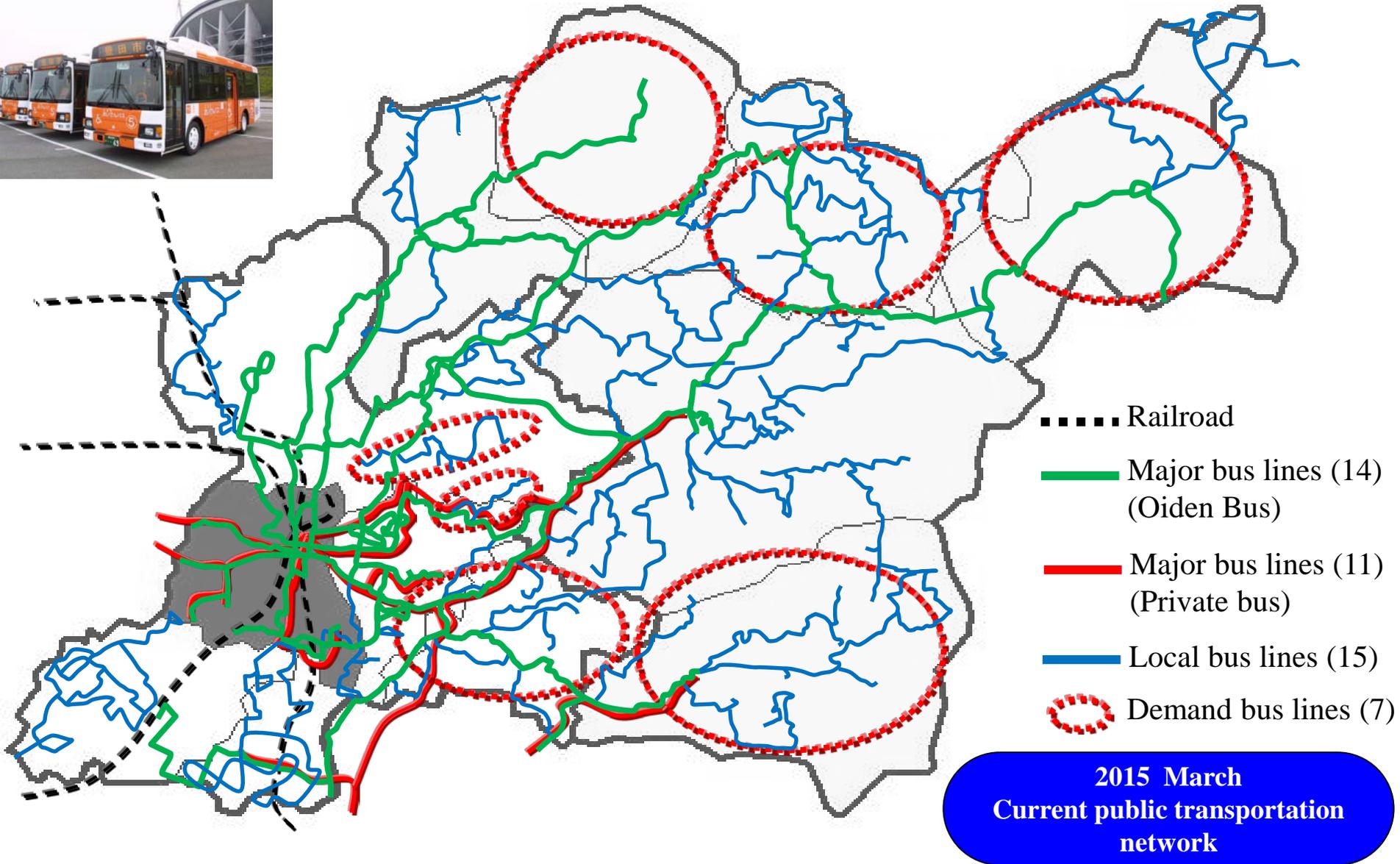
Source: 4th Chukyo Urban Area Person Trip Survey (2001)

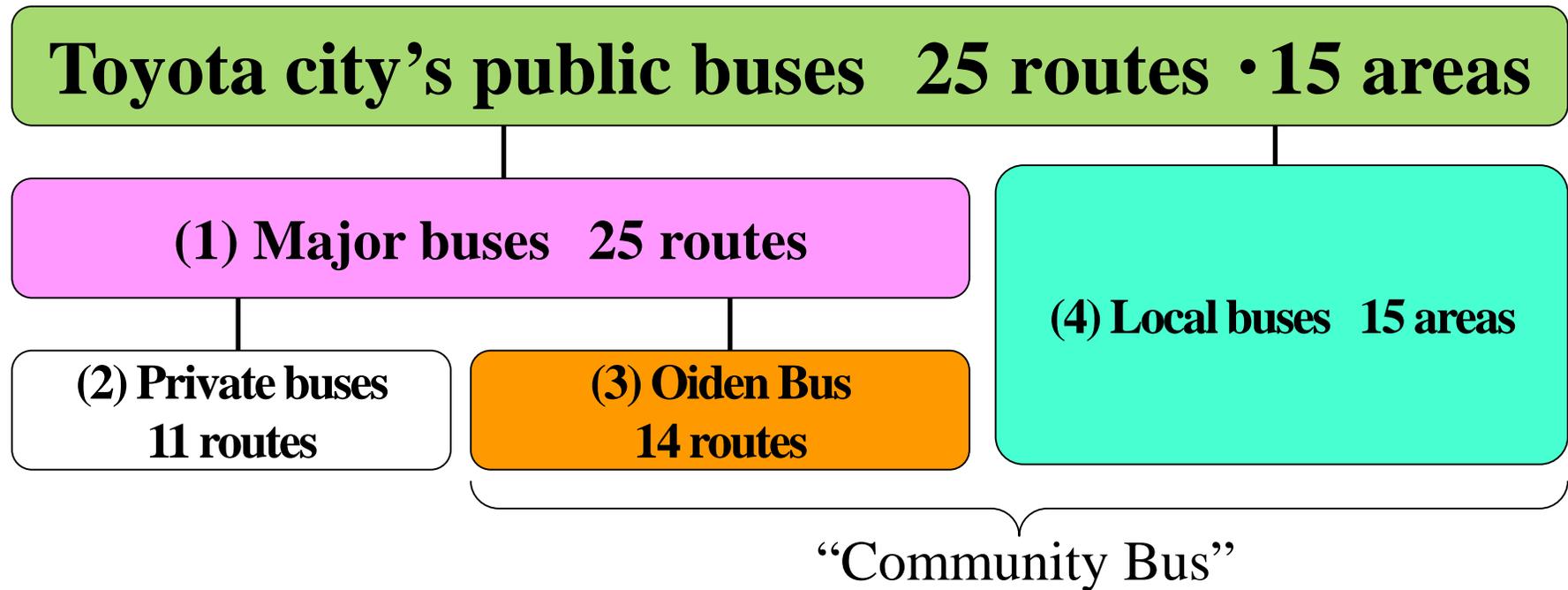
History of Bus Routes in Toyota City

Bus routes running through the city were discontinued one after another beginning in the latter half of the decade from 1965, and the number of routes operated by private bus operators decreased to less than one-quarter.



Development of a Public Bus Network





- (1) Major buses** ... the major routes that connect each spot (the central city, stations and local bases) mutually
- (2) Private buses** ... the routes operated by private bus operators
- (3) Oiden Bus** ... the major routes operated by private bus operators, and the city creates the route plan and bears the expense
- (4) Local buses** ... the community routes operated within each area, which access to transportation nodes (bus stops of major buses, etc.).

“Michinavi (Road Navigation) Toyota”

“Michinavi Toyota,” a comprehensive portal site concerning movement, has been set up, allowing accessing of information on public transportation, route guidance, events, and tourism through the Internet, smart phones, and cellular phones. Smartphone apps available.



The top page is dedicated to information public transportation such as bus and train route searches and timetables.



Information on availability of parking space at parking lots in urban areas



Roadside live cameras (courtesy of local CATV stations)

Next-Generation Mobilities



Thank you very much for your kind attention