

Bicycles in Beijing



Green Design and the City



Contents

- **Why special and different from the others**

Why I choose this transport mode and this city

- **The key features of my selection**

The features of bicycles, and of Beijing

- **effective or ineffective**

Dose bikes suit this city?



Bicycles in Beijing





Bicycles in Beijing





Bicycles in Beijing





Bicycles in Beijing





Bicycles in Tsinghua





Bicycles in Tsinghua





Bicycles in Tsinghua





Bicycles in Tsinghua

“the city on the bike”





Why bikes? Why Beijing?

In the 1970s, the bicycle is one of three key properties in China.



Bicycle



Watch



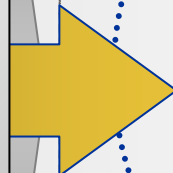
Sewing Machine



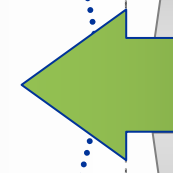
Why bikes? Why Beijing?

0.2 million

▪ The number of stolen bikes per year!



Incredible huge number of bikes in Beijing



2.4 million

▪ The number on the road everyday!



Why bikes? Why Beijing?

- ❖ **As a metropolis with a population of 20 million, and more than 10 million bicycles, Beijing is rather different from any other cities.**
- ❖ **And the bicycle does play a significant role in city transportation in Beijing.**



Features of Bicycles

**The
benefits
bicycles
bring us**

➔ **save gas or other fuels and
reduce the gas pollution**

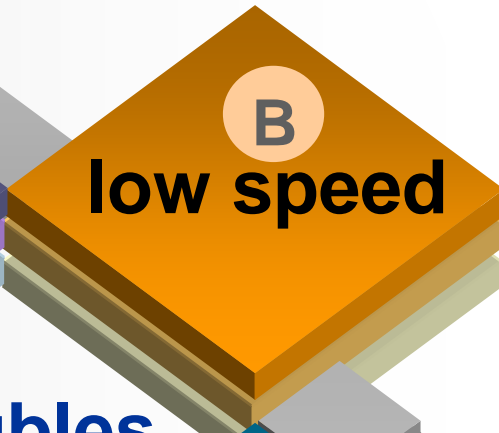
➔ **good for your health**

➔ **save more public parking
areas**



Features of Bicycles

Easier to be injured in a traffic accident



Much slower than sedans, motorcycles and other vehicles

Troubles

Windy, rainy, or snowy days



A hard job in hilly cities



Tour of France





Effective or ineffective?

The features of Beijing:

- **Whole area:** 16,808 square kilometers (6490 square miles) ;
- **Urban area:** 735 square kilometers (284 square miles).



• **It falls into a terrible traffic jam problem.**



- **The population of floating living people is more than 5 million.**

Bicycles in Beijing



Too big



Traffic jam



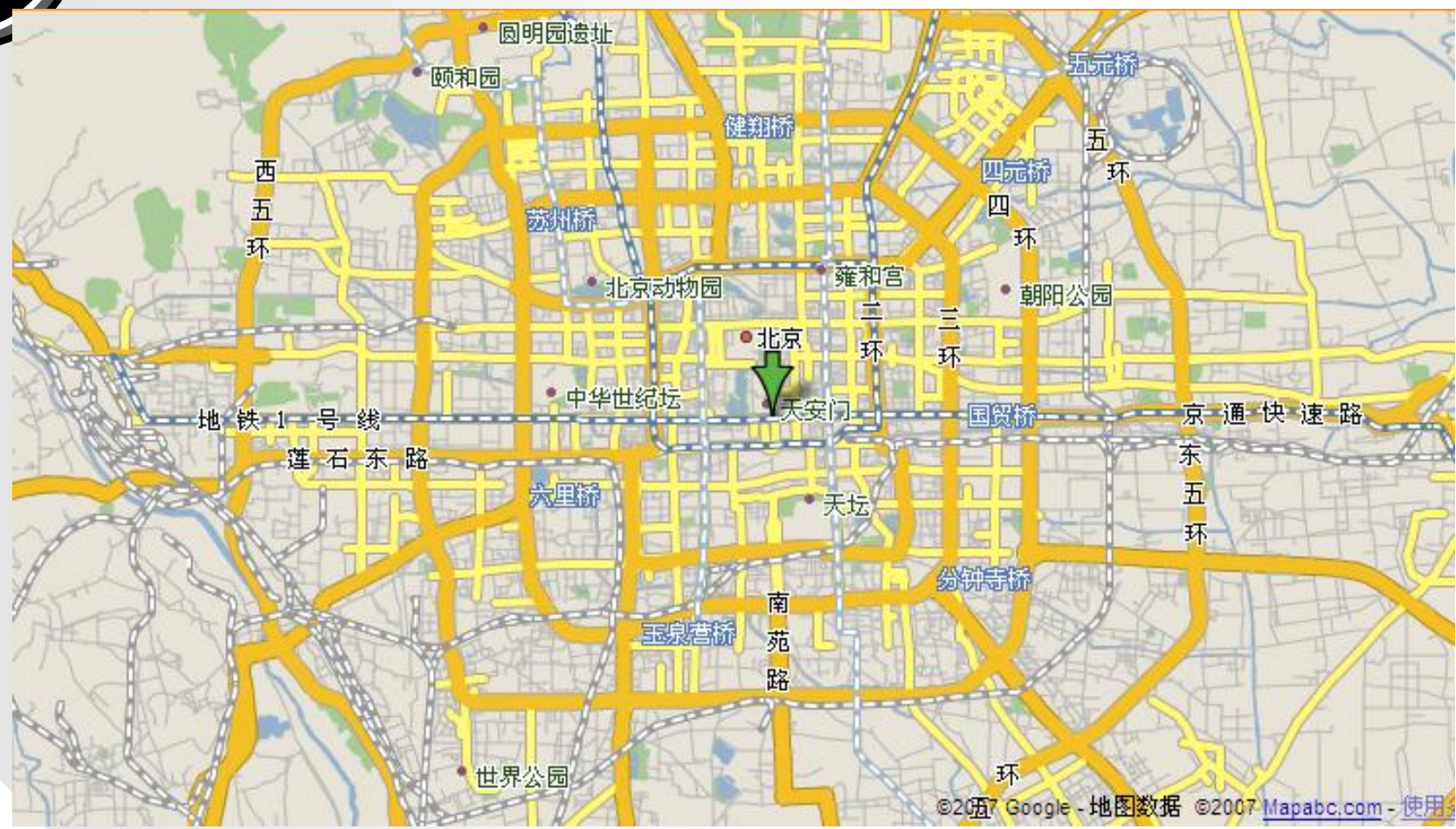
Floating living

Result:

Ineffective !

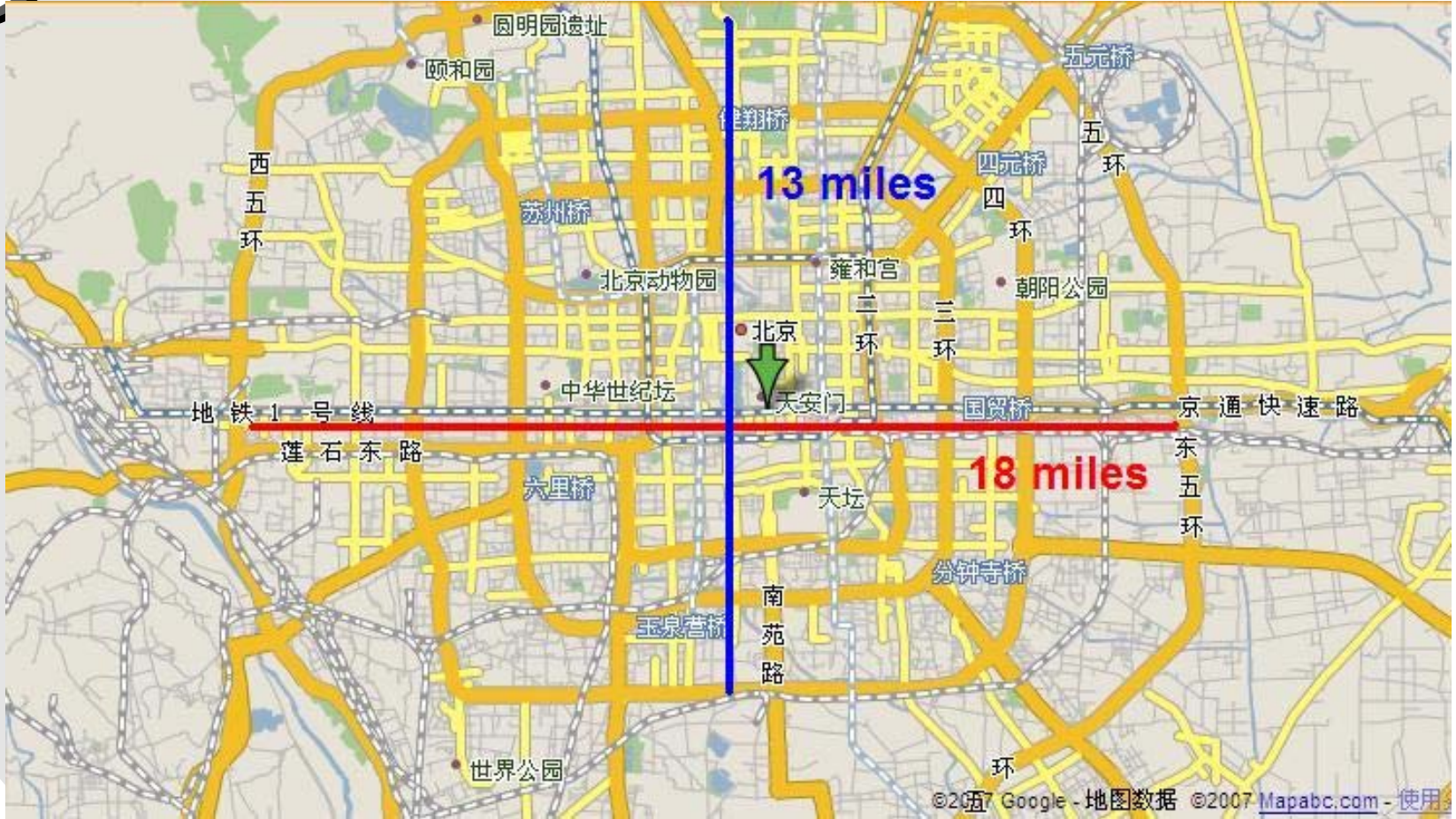


Map of Beijing





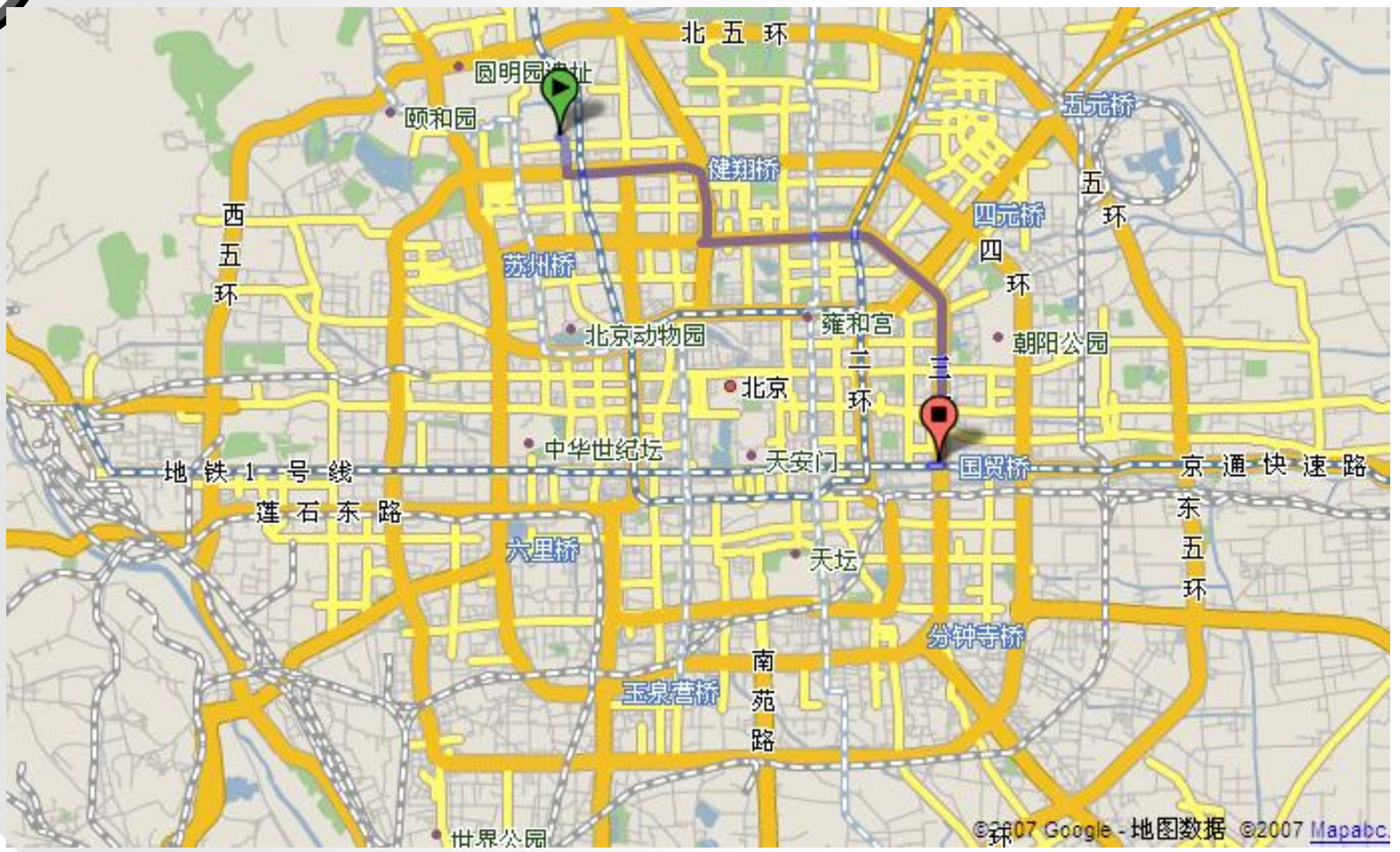
Map of Beijing



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Map of Beijing



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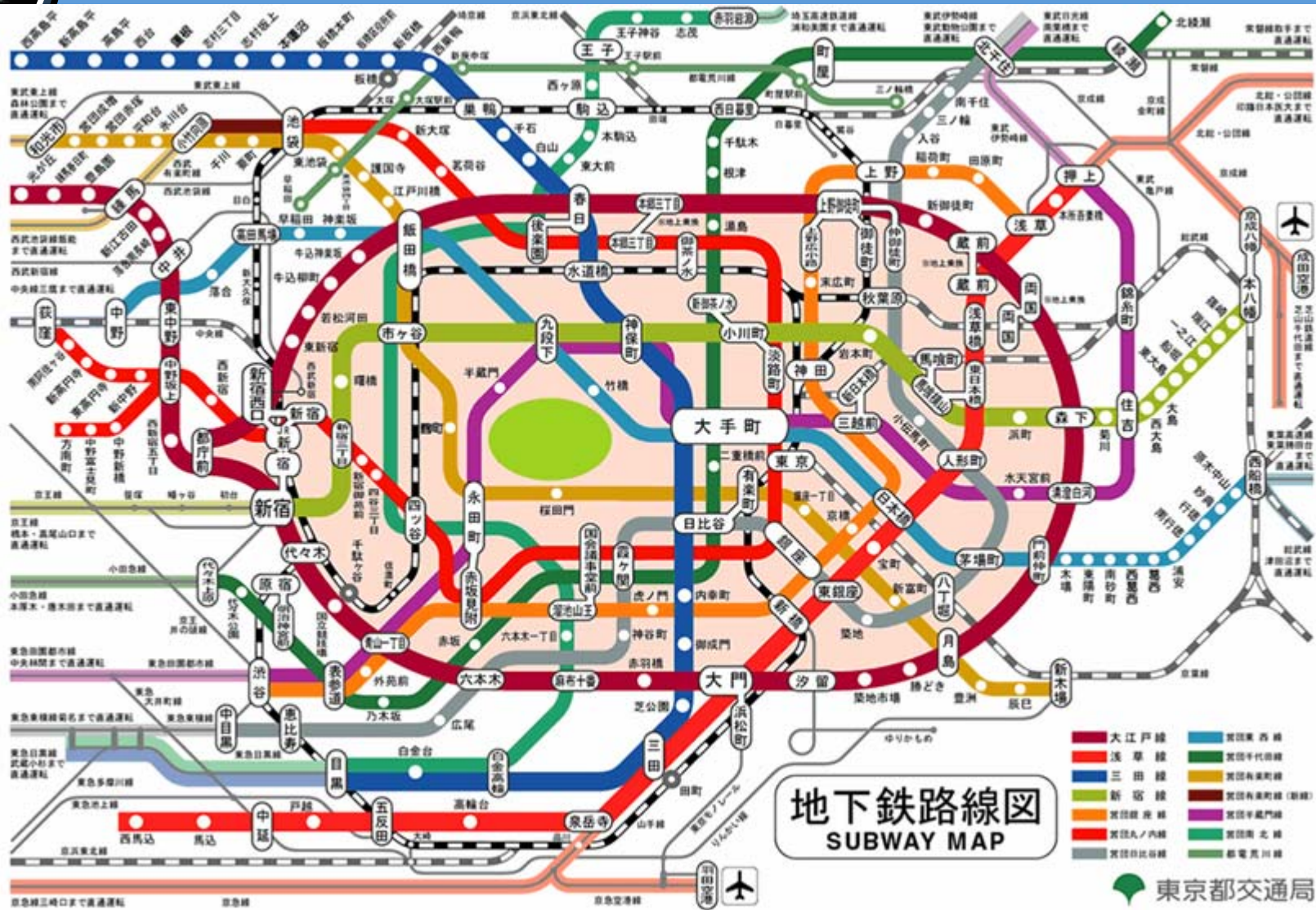
Which suits Beijing?

which transport mode suits this big, over population metropolis?

To develop the subway system is a real good choice.



Subway map in Tokyo



地下鉄路線図
SUBWAY MAP

東京都交通局



Thank You !

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