

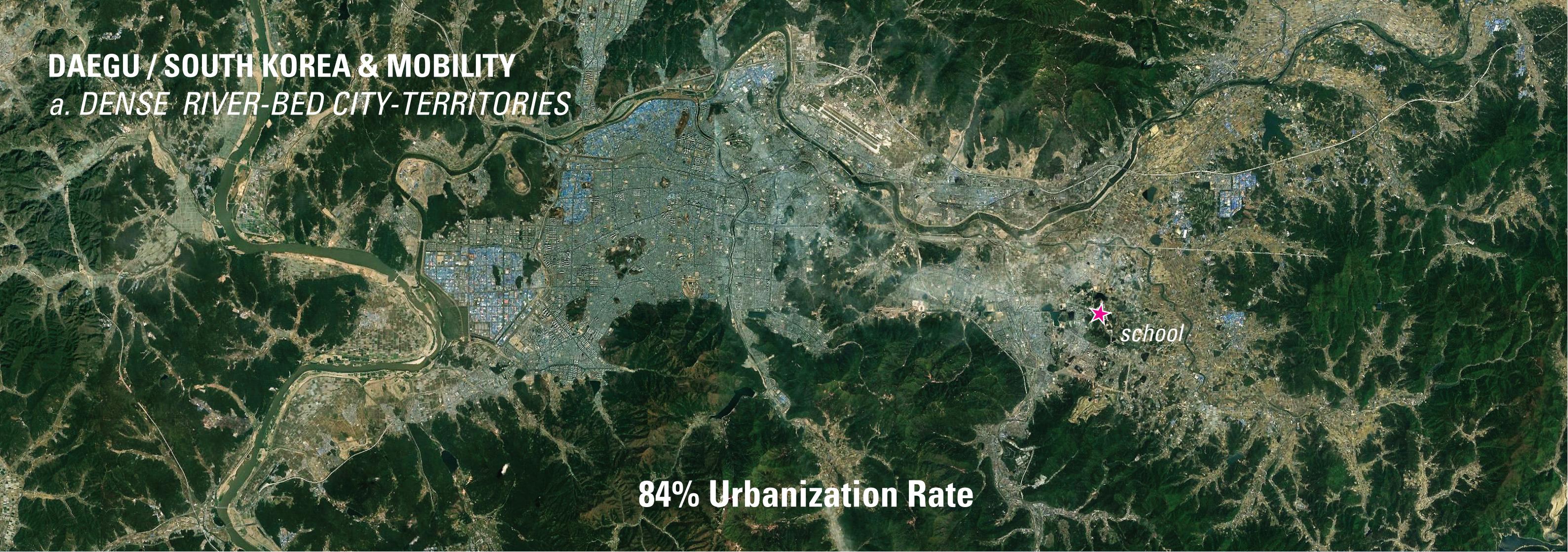


# DAEGU ON THE MOVE!

YEUNG NAM UNIVERSITY SCHOOL OF ARCHITECTURE  
SUMMER'2011 WORKSHOP

# DAEGU / SOUTH KOREA & MOBILITY

## a. DENSE RIVER-BED CITY-TERRITORIES



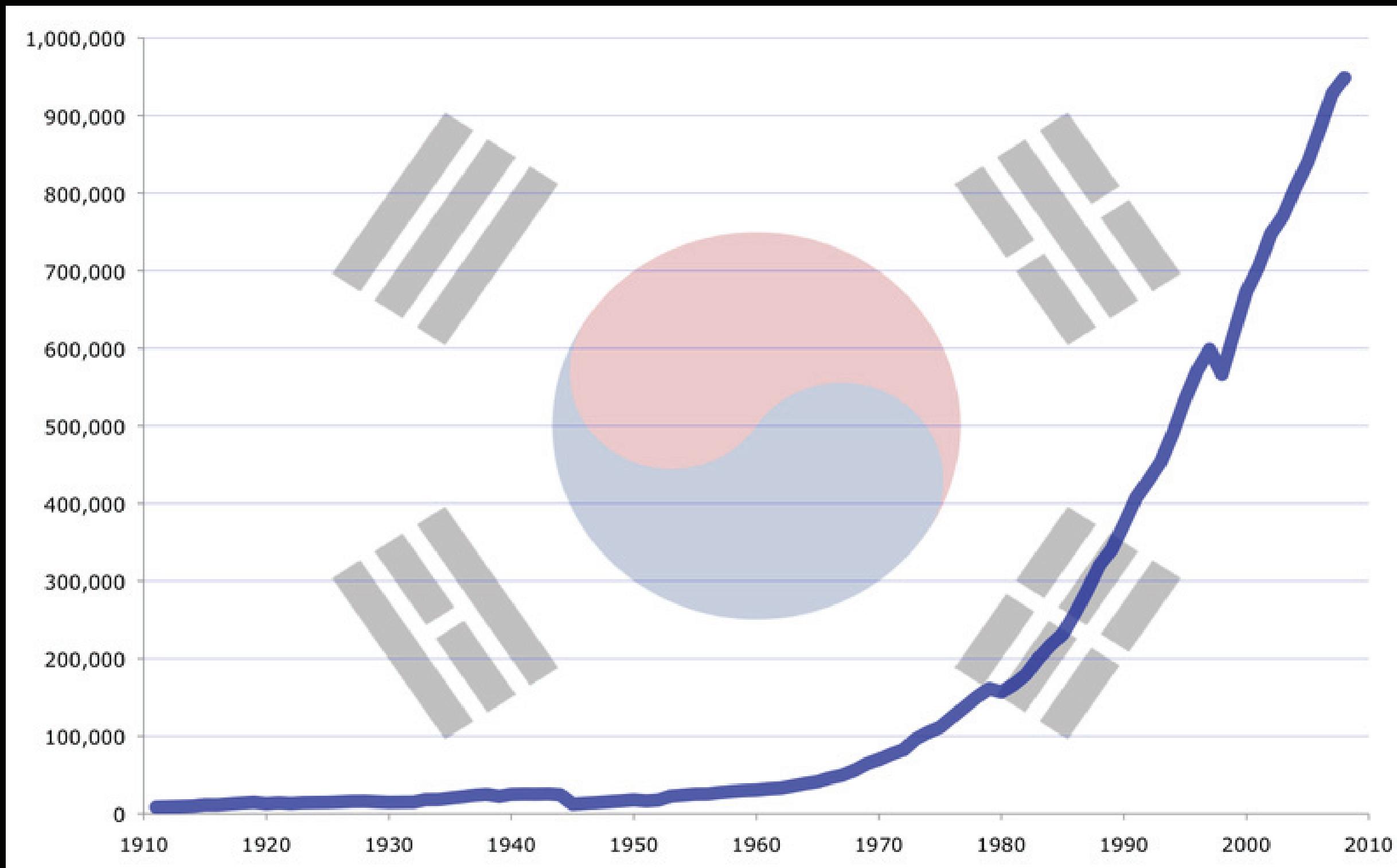
<b>Singapore</b>	7,201 hab/km <sup>2</sup>
<b>Gaza Strip</b>	3,751 hab/km <sup>2</sup>
<b>S. Korea</b>	497 hab/km <sup>2</sup>
<b>France</b>	111 hab/km <sup>2</sup>
<b>Spain</b>	81 hab/km <sup>2</sup>
<b>US</b>	32 hab/km <sup>2</sup>



Source: U.S. Census Bureau, International Data Base.

## DAEGU / SOUTH KOREA & MOBILITY

### b. EXTREME ECONOMIC DEVELOPMENT: "The Miracle of the Han River"



South Korea's GDP growth in US million \$, 1910 - 2009

# DAEGU / SOUTH KOREA & MOBILITY

## c. RELIANCE ON INFRASTRUCTURE DEVELOPMENT AND CAR INDUSTRY

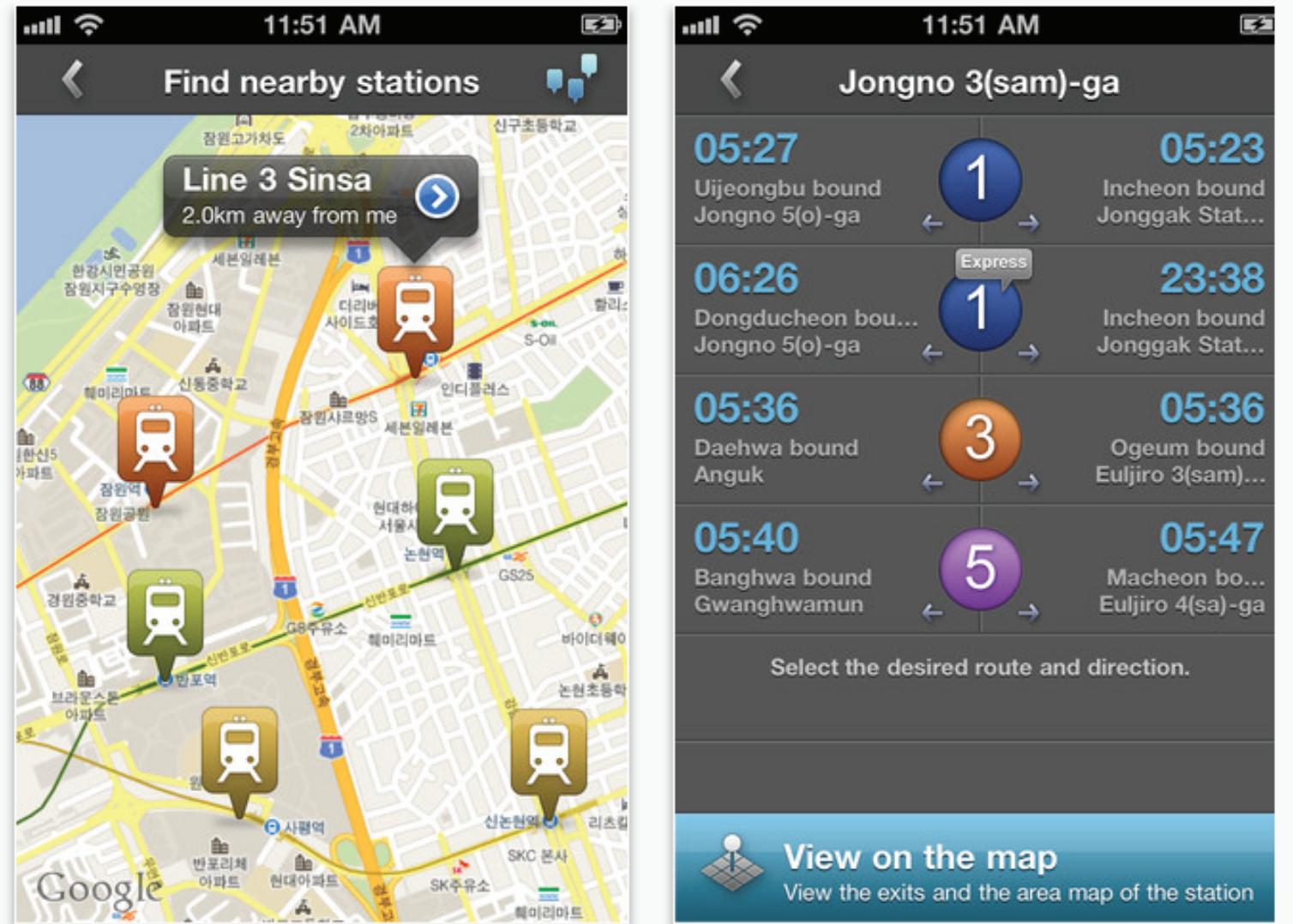


KTX (Korea Express Train) infrastructure



# DAEGU / SOUTH KOREA & MOBILITY

## d. IMPLEMENTATION OF NEW TECHNOLOGIES



Typical taxi cockpit layout. Photo: Marco Bruno

## SURVEY:

### 1. ADJECTIVES DESCRIBING THE IDEAL CITY

organic  
**sustainable**  
natural

vital  
**joyful**  
fantastic  
beautiful  
harmonized

**convenient**  
dynamic  
well-connected  
**fast**

humane  
egalitarian

historically well-preserved

distinctive  
flexible  
simple  
livable  
**safe**  
**clean**

ECOLOGICAL

PERCEIVED

FUNCTIONAL

SOCIAL /  
POLITICAL

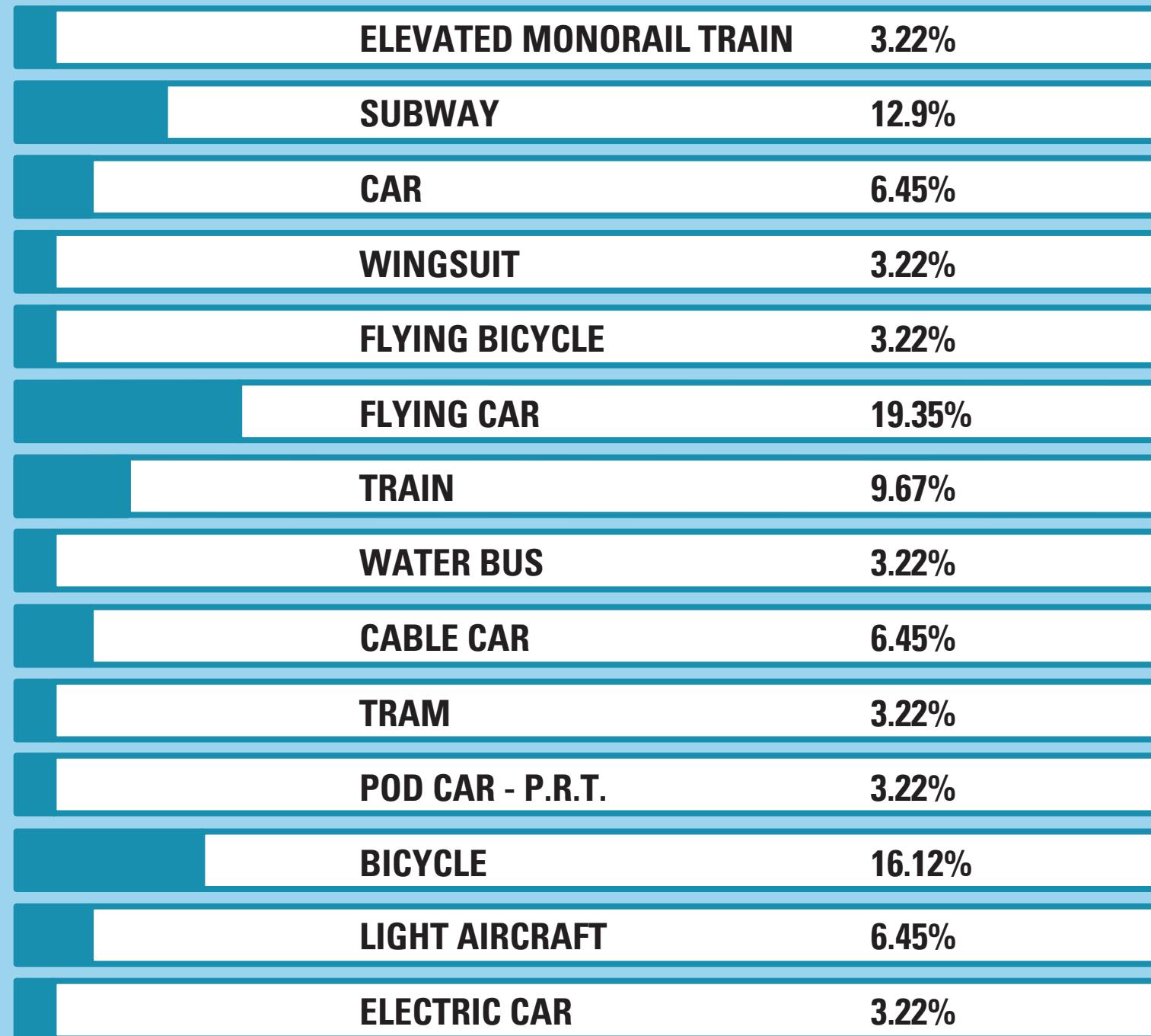
CULTURAL

QUALITY OF LIFE

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## SURVEY:

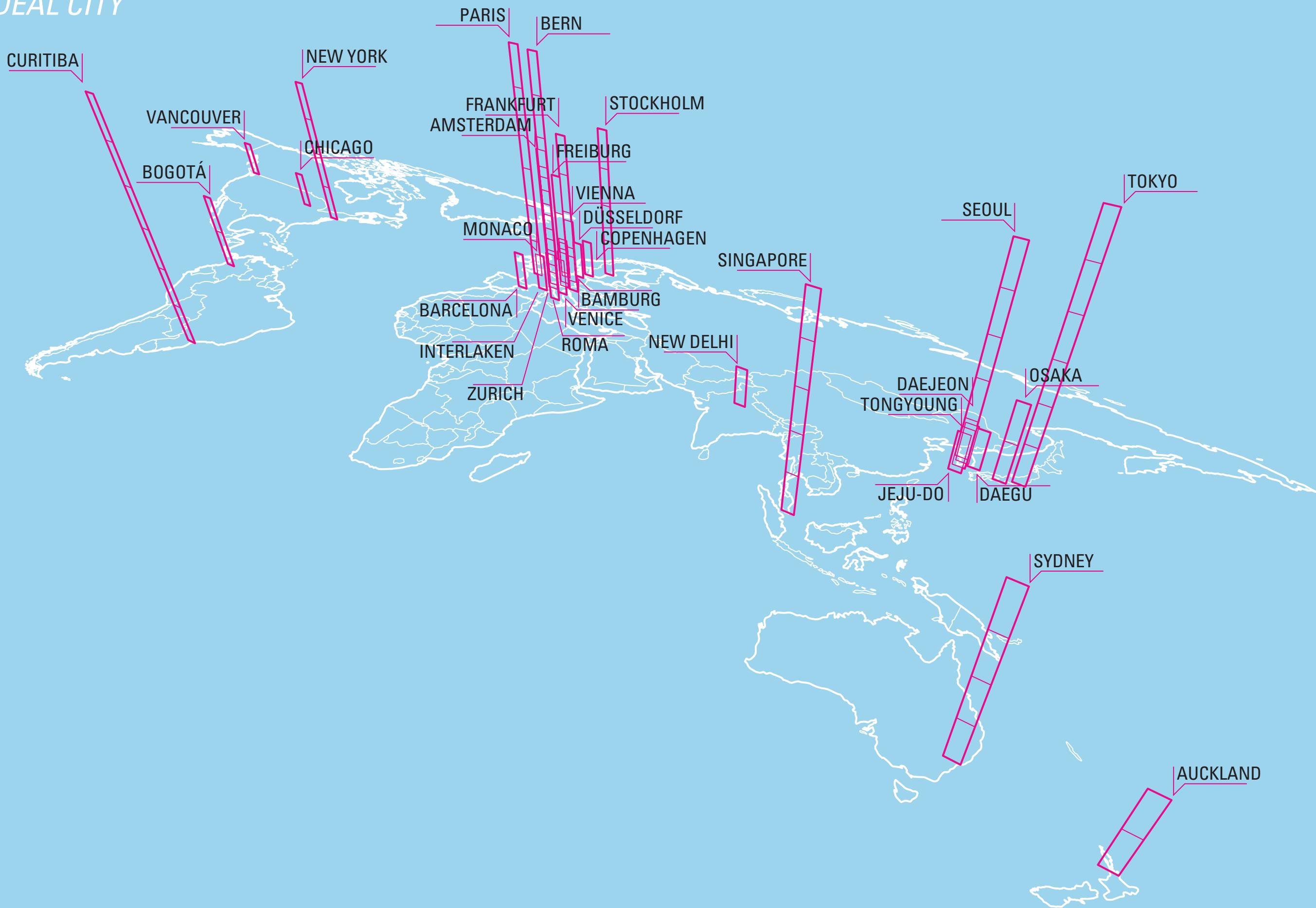
### 2. IDEAL URBAN TRANSPORTATION



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# SURVEY:

## 3. IDEAL CITY



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## SURVEY:

### 4. PROPOSED IMPROVEMENTS FOR DAEGU

host various festivals in different locations

enhance citizens' public responsibility  
raise citizens' awareness on mobility issues

run public transport 24 H.  
facilitate access to public transportation for all  
extend subway system so more citizens can use it

attract business to Daegu to improve economy  
ban cars in the city  
preserve historical elements, control street aesthetics  
ensure equality of opportunities for citizens

improvement of Sincheon stream as a green artery  
create urban farms to prevent heat island effect  
integrate nature with the city  
re-vitalize underutilized spaces between bldgs.  
implement strategies to cool down streets in summer

adopt intelligent transportation management systems  
improve connections to neighbor cities  
create a shared, rental private transportation system  
integrate better existing public transportation systems  
increase eco-friendly mobility: pedestrian and bicycles  
improve street layout to improve traffic congestions

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#### PROGRAMATIC

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#### CITY IMAGE / PUBLIC CONSCIOUSNESS

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#### PUBLIC TRANSPORT IMPROVE- MENTS

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#### POLICY

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#### OPEN SPACE

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#### INFRASTRUCTURAL IMPROVEMENTS

## DAEGU ON THE MOVE!

**SURVEY:**  
*5. STUDENT'S DAILY COMMUTE MAPPING*

- subway
- bus
- car
- bicycle
- by foot

