



STATIONS AS A DRIVING FORCE FOR NETWORKED MOBILITY

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Intermodality Centers

A world in motion

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Demographics

- Growing world population
- 1950: 2.5 billion people
- 2012: 7 billion people

More and different mobility

- +35% in Europe by 2030
- More recreational transport

Globalisation

- Further growth of international transport



Energy issue

- Increasing demand – expensive oil
- Longer term oil shortage

Climate

- Greenhouse gases > global warming

Social impact

- Congestion
- Accidents
- Air pollution
- Noise
- Spatial planning

The solution is not in more infrastructure, but in better use of the current infrastructure.

Internet and new technology can serve as leverage to increase capacity.

Our society is changing

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“Sharing will change mobility.”

Ronald Haverman, MyWheels

“Wealth does not lie in ownership but in the use of things.”

Aristoteles

“Our social status now depends more on access than on property.”

Jeremy Rifkin, The age of access

“Mobile devices, gadgets and the Internet are becoming must-have lifestyle products that convey status.

They offer a degree of freedom and social reach that previously only the automobile offered.”

Thilo Koslowski, lead automotive analyst Gartner

“With this generation, what owning a car means is completely different from previous generations. It was a rite of passage. Now the rite of passage is a cell phone.”

Annalisa Bluhm, General Motors

“To confirm their image, today’s young generation prefers to show off an iPad and Smartphone rather than a car.”

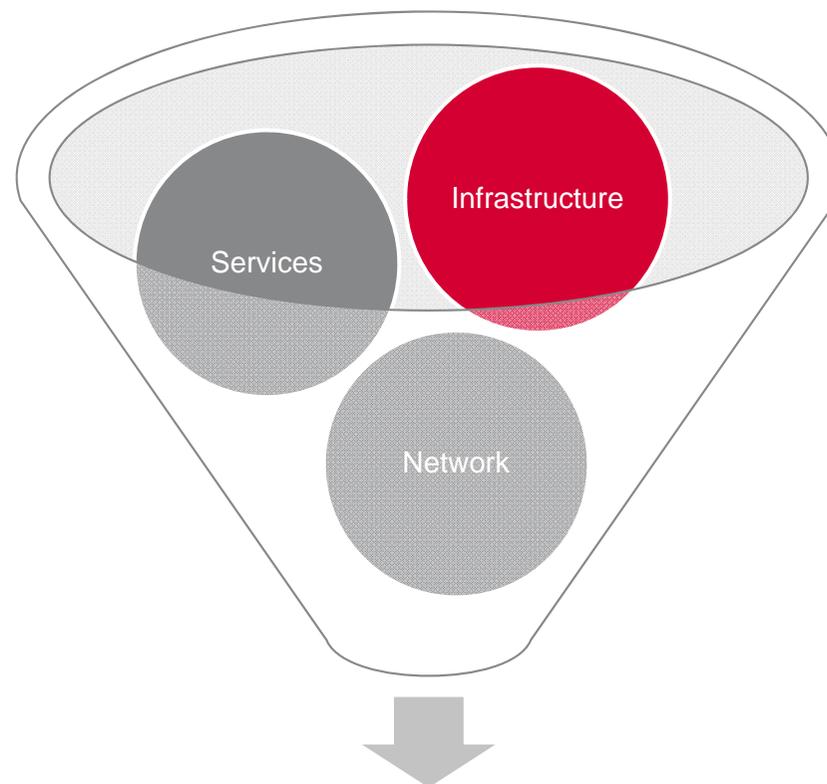
Michel Martens, Febiac (Belgian car industry federation)

“Accessibility is now 24/7 and everything can be done on the mobile phone or a tablet. Find a vehicle nearby, reserve it, pay for it, change destinations and drop-offs, and access guides and navigation.”

Michel Taride, Hertz International

The solution

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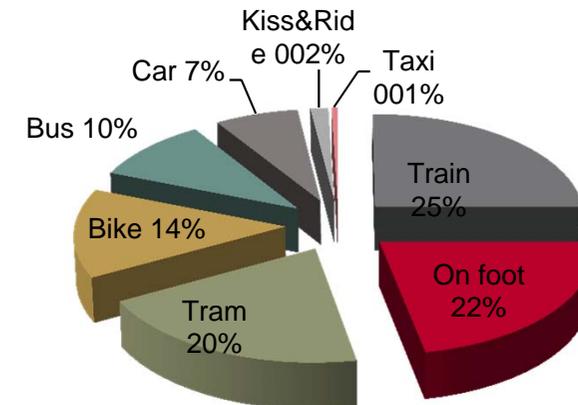
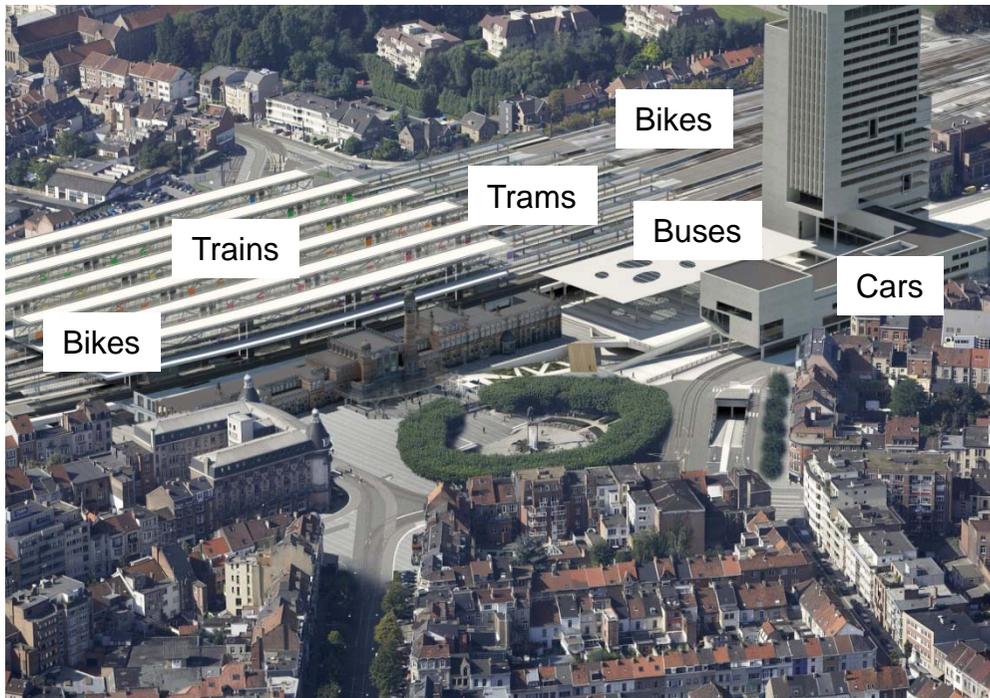


Networked mobility

Infrastructure

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Gent-Sint-Pieters station



INTERMODAL NODE:
TRAINS



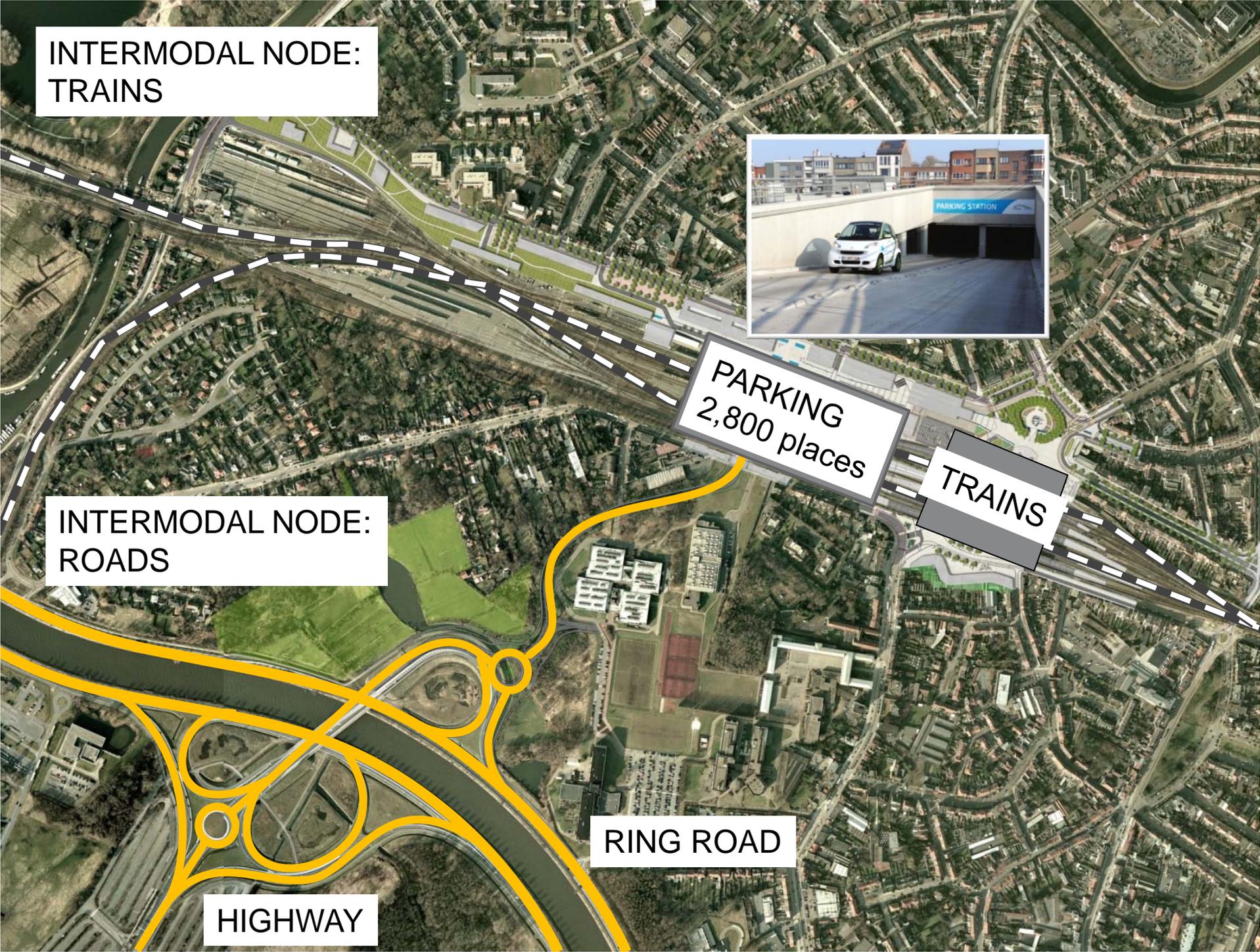
PARKING
2,800 places

TRAINS

INTERMODAL NODE:
ROADS

RING ROAD

HIGHWAY



INTERMODAL NODE:
PUBLIC TRANSPORT

BUS



TRAM



BUS STATION

STATION BUILDING

TRAIN STATION

TRAM STATION

KISS&RIDE



BIKE PARKINGS (10,000 places)

Other examples

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Namur: new bus station



Mons: integration of bus station in train station



Liège-Guillemins: direct access to the motorway



Mechelen: bicycle facilities



Mechelen: station parking



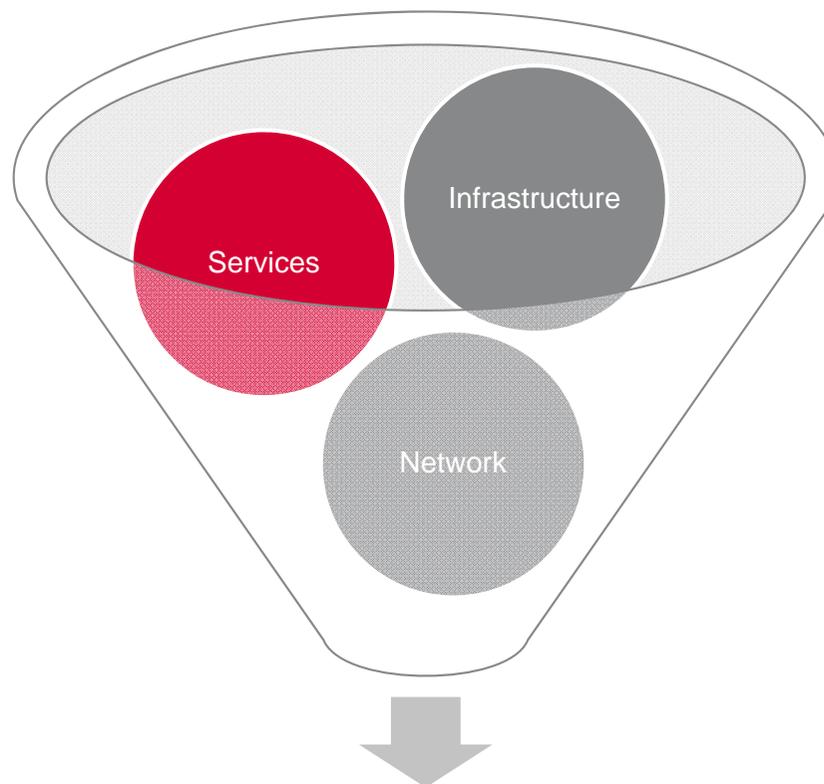
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The solution

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Networked mobility

Mobility services to save time

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Other time-saving services

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- **Accessible to all** (mobility-impaired travellers)
- **Shops** (restaurants, mini-supermarkets, etc.) in stations
- **Services** (Wifi, nurseries, tourist office, post office, banks, etc.)
- **New forms of work arrangement** (Working corner, Meet on the move, Flexible office space)



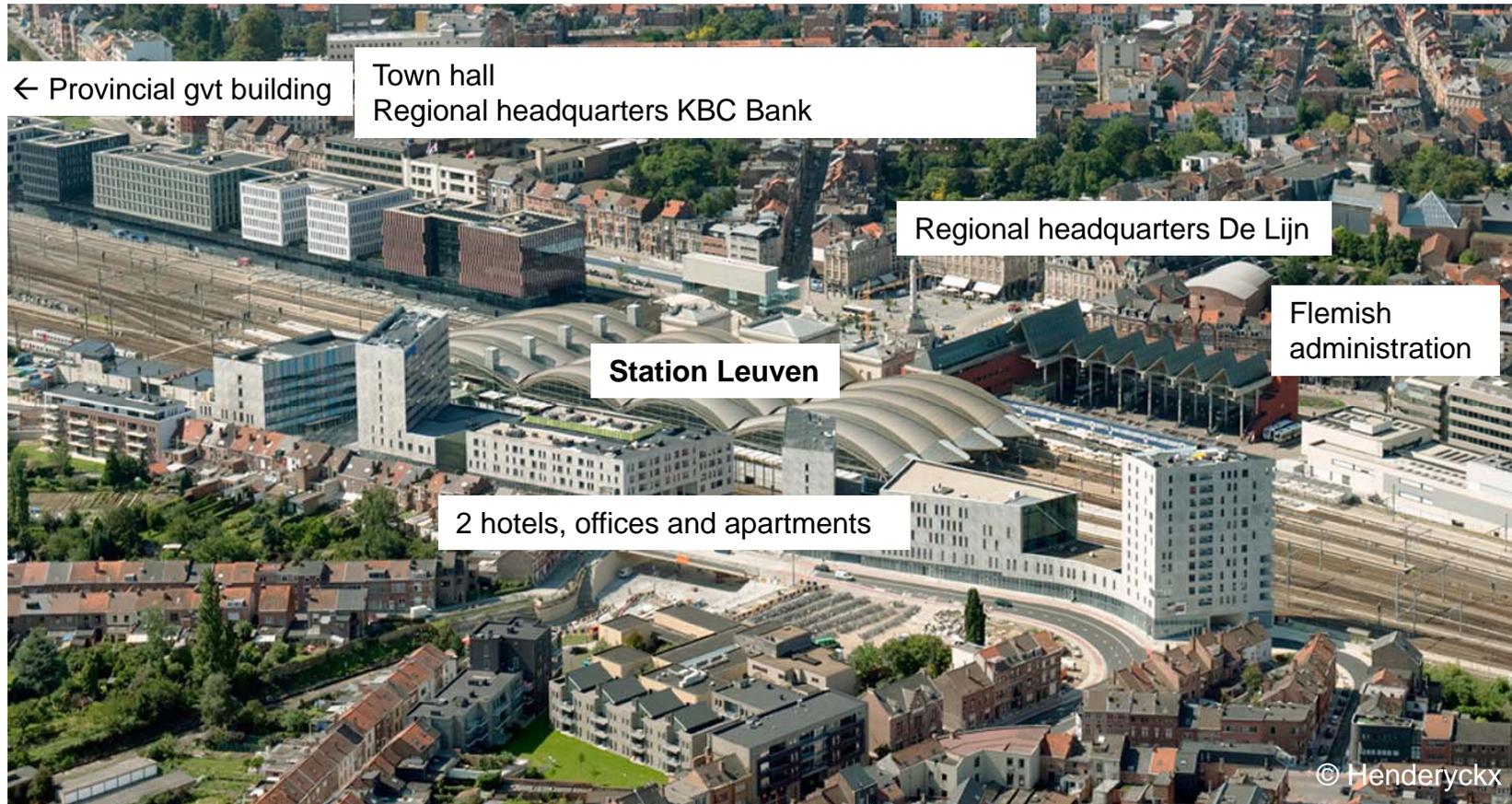
Gent-Sint-Pieters

Today: 11 shops (strong brands, e.g. Starbucks Coffee)

Future: 51 shops (more than 4,000 m² additional space or shops and services)

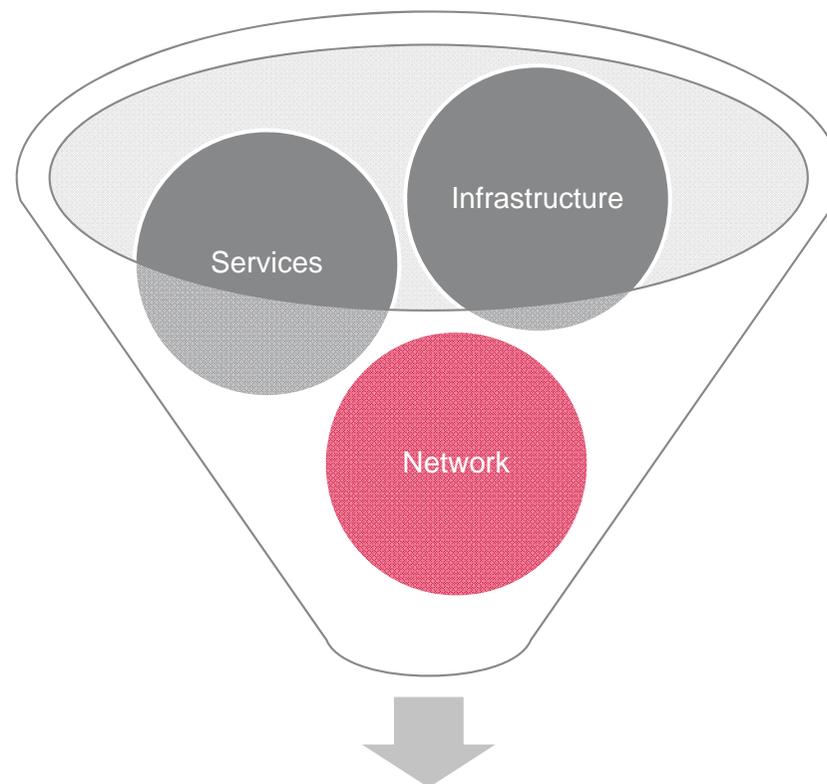
Project development around stations

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The solution

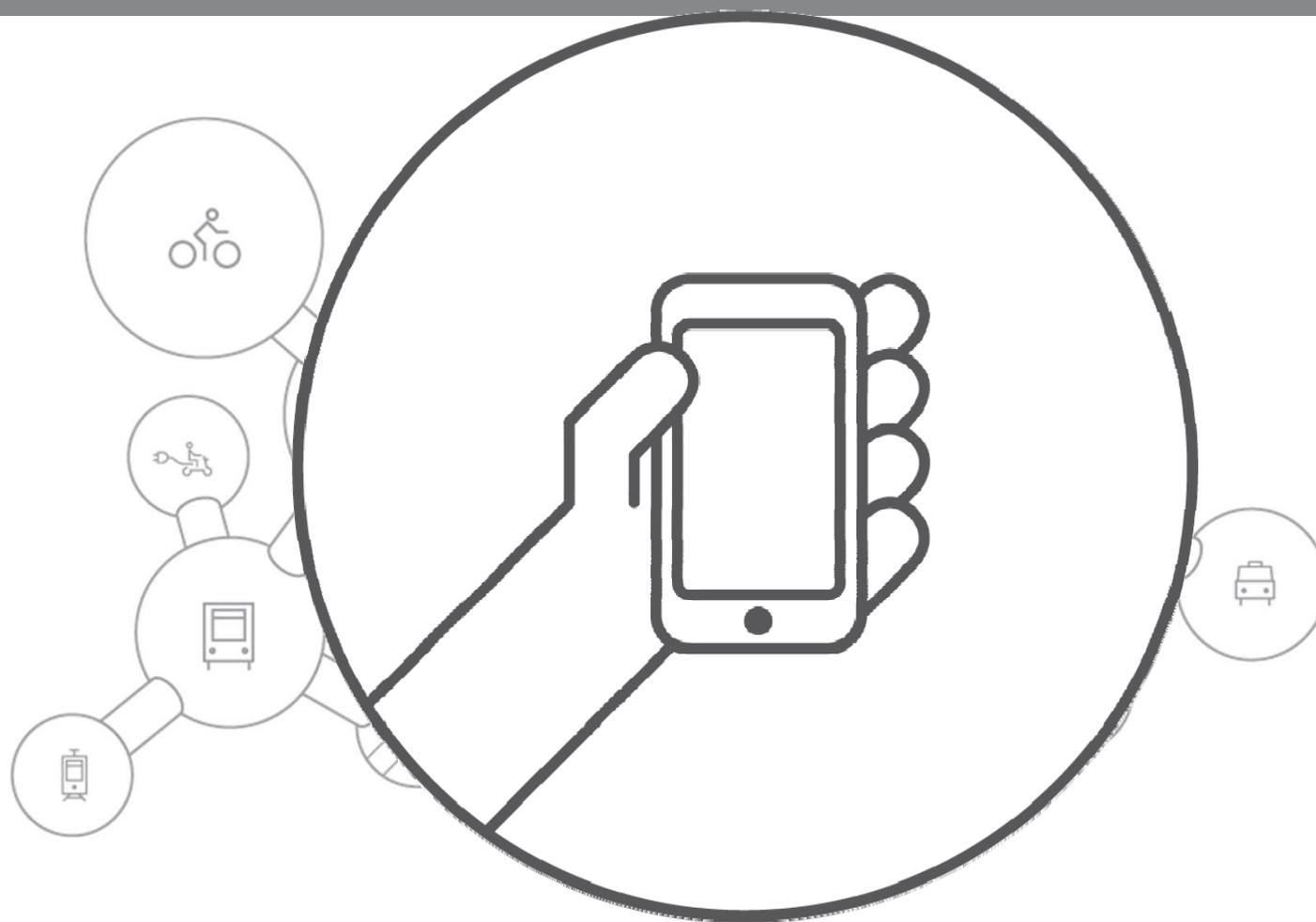
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Networked mobility

A high-performance network

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...Thank you

for your kind attention