STATIONS AS A DRIVING FORCE FOR NETWORKED MOBILITY

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Intermodality Centers

17-18 October 2013
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.
“Sharing will change mobility.”
Ronald Haverman, MyWheels

“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

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

“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)

“Our social status now depends more on access than on property.”
Jeremy Rifkin, The age of access

“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

“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
The solution

Networked mobility
Infrastructure

Gent-Sint-Pieters station

Trains 25%
On foot 22%
Bikes 14%
Car 7%
Tram 20%
Kiss&Ride 0%
Taxi 0%
Bus 10%

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INTERMODAL NODE: PUBLIC TRANSPORT

BUS STATION

STATION BUILDING

TRAIN STATION

TRAM STATION

KISS&RIDE

BIKE PARKINGS (10,000 places)
Other examples

- **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

Networked mobility
Mobility services to save time

- Bicycle point (repair shop, bike rental…)
- Blue-bike bike share
- Cambio car share
- Charging points for e-car, e-bike and e-moped
Other time-saving services

- 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)

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Project development around stations

Provincial gvt building
Town hall
Regional headquarters KBC Bank
Regional headquarters De Lijn
Flemish administration
Station Leuven
2 hotels, offices and apartments
The solution

Networked mobility
A high-performance network
...Thank you

for your kind attention