

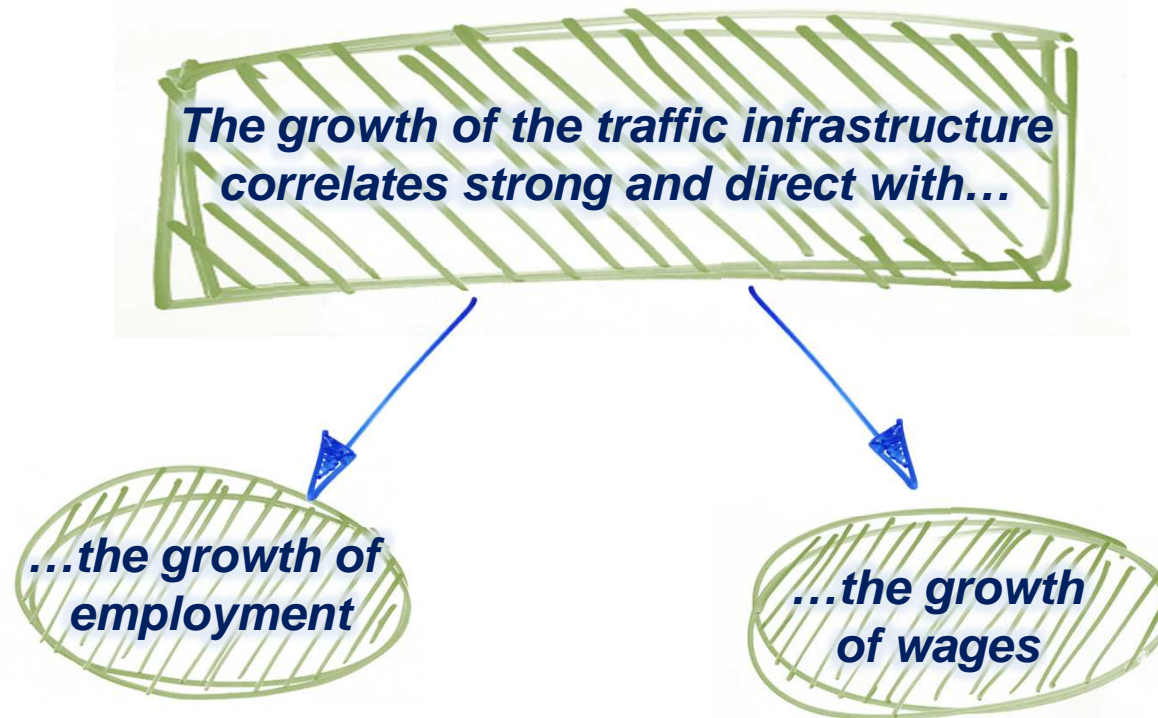


# Outlook on Regional Mobility - an investment for regions and cities

Dietrich Leihs

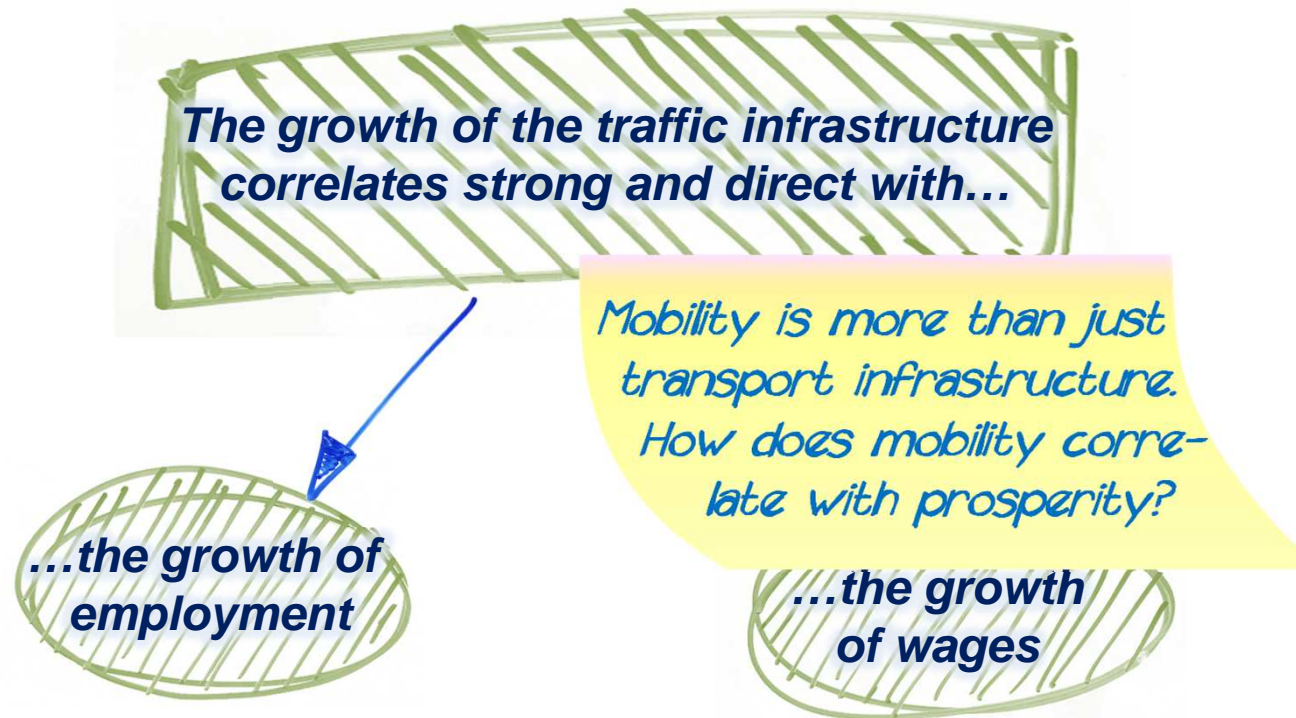
Ljubljana, November 10<sup>th</sup>, 2016

# Transportation and prosperity



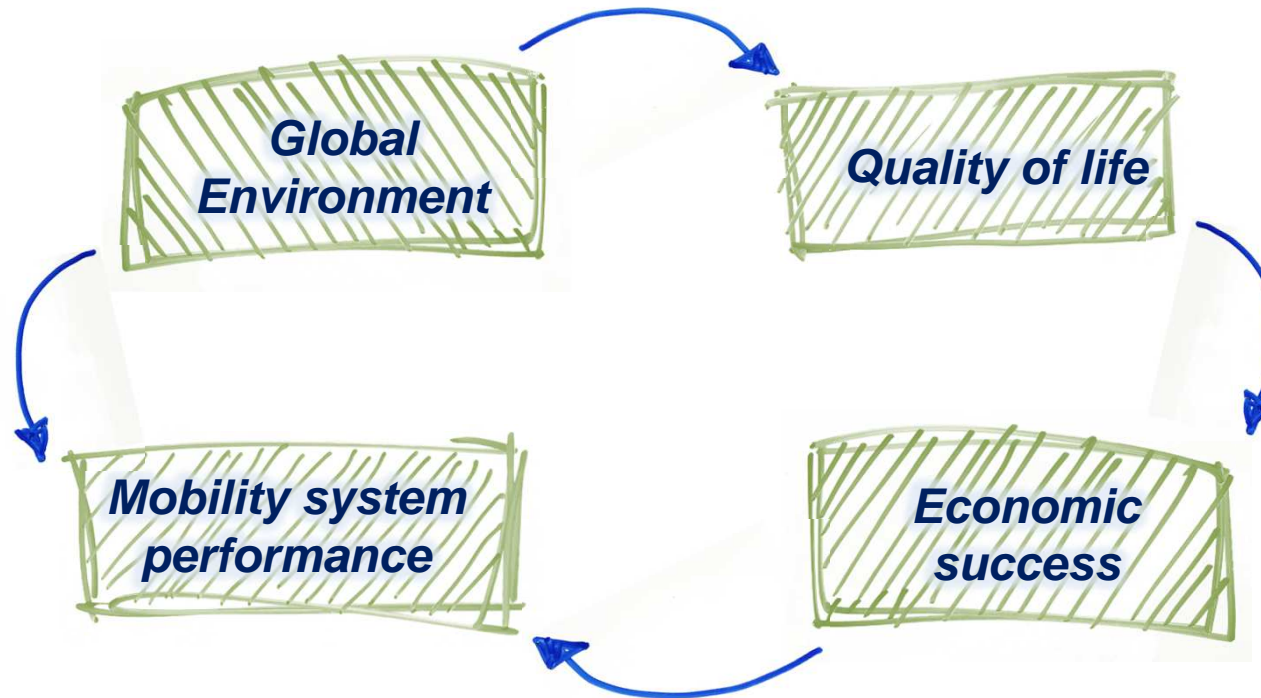
Source: Zierer M., University of Regensburg, 2015

# Transportation and prosperity



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# Sustainable mobility goals



# Key aspects of sustainable mobility

Affordability of public transport for the poorest group

Accessibility for mobility-impaired groups

Air polluting emissions

Noise hindrance

Fatalities

Access to mobility services

Quality of public area

Urban functional diversity

Commuting travel time

Economic opportunity

Net public finance

Mobility space usage

Emissions of greenhouse gases

Congestion and delays

Energy efficiency

Opportunity for active mobility

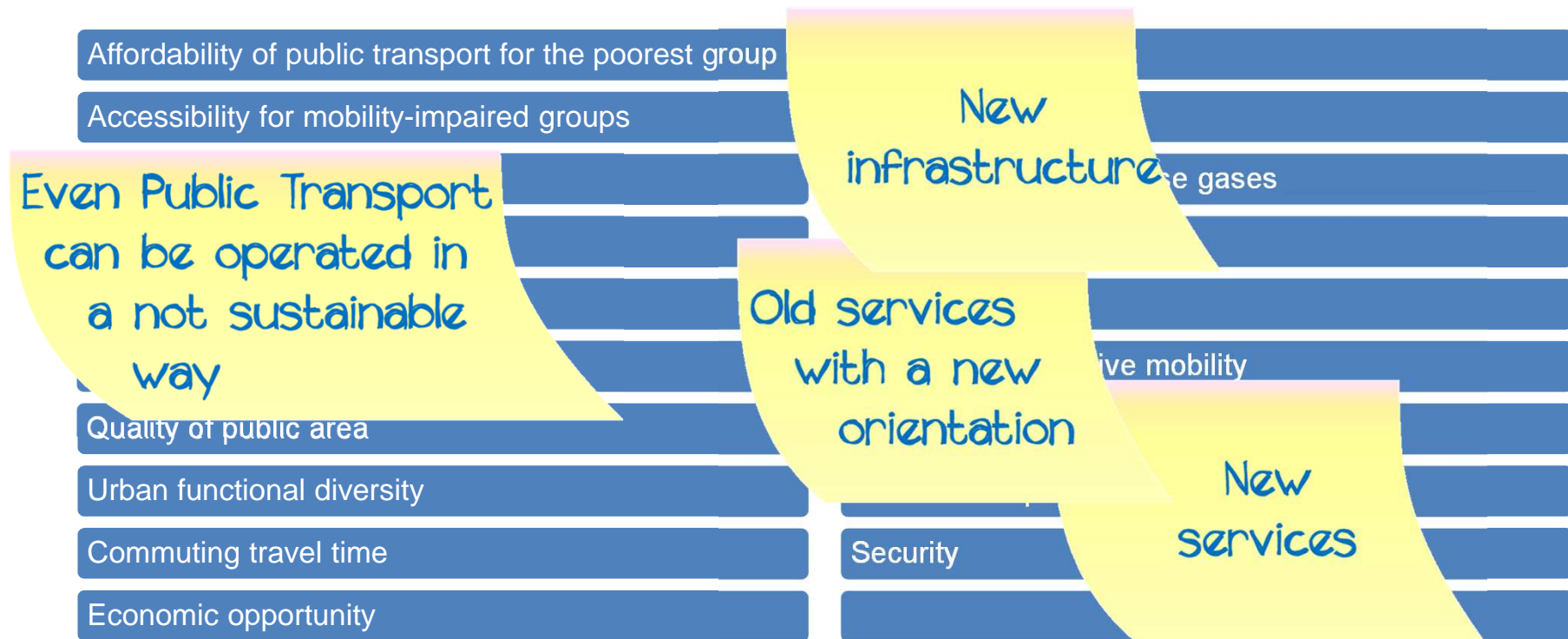
Intermodal integration

Comfort and pleasure

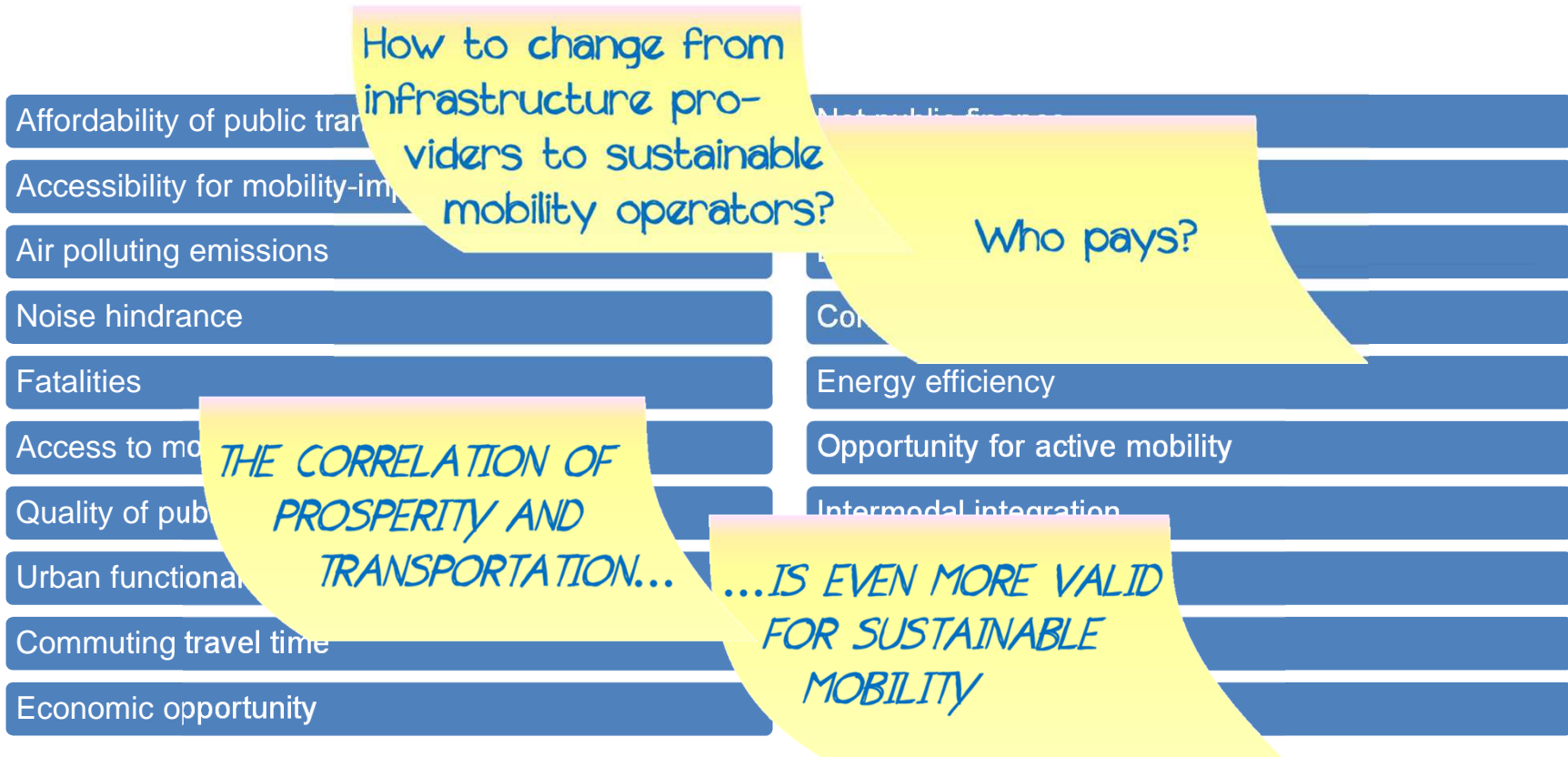
Security



# Key aspects of sustainable mobility

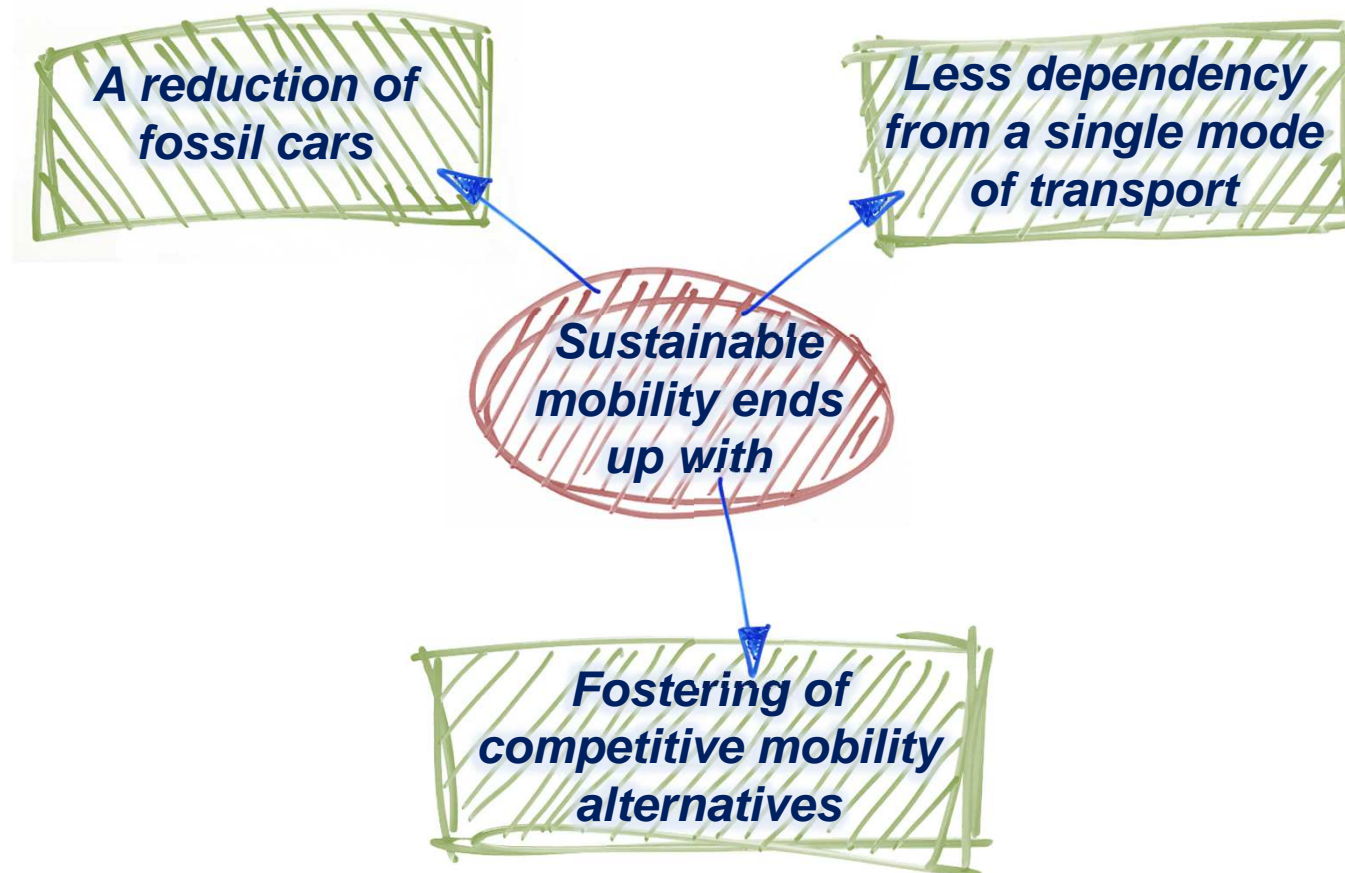


# Key aspects of sustainable mobility





# Key aspects of sustainable mobility





# Case Study Zilina

- City of Zilina with ~80.000 inhabitants
- Average monthly income per person: 800€ before tax (i.e. 600€ net)
- Net income of a family with 2 children 1200€ per month
- Rent for dwelling: 200€
- Heating: 100€
- Food: 500€
- Cost for 1 car:
  - depreciation 100€
  - Insurance 30€
  - Fuel (10.000 km/year): 150€
  - **Total: 280€**
- Remaining 120€ for local businesses (10% of net income)



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*This is the screw to turn*



- Revenues 2000€
- Health care 1000€
- Food 1000€
- Expenditures for cars are lost for the region, often for the country
- Cost for 1 car:
  - depreciation 100€
  - Insurance 30€
  - Fuel (10.000 km/year): 150€
  - **Total: 280€**
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- Cost for PT:
  - Total: 40€



- **Remaining 360€ for local businesses (30% of net income)**

# Case Study Zilina



- Cost for PT:
  - Total: 40€
- Remaining 360€ for local businesses (30% of net income)

# Case Study Zilina

- A re-organisation of the mobility system is required!

- Demand oriented PT services (new lines, frequencies, connections)
- PT reliability and infotainment for passengers
- Shared mobility (cars, bicycles)
- Modal hubs
- Incentive/disincentive models

- Cost for PT:

- Total: 40€

- Remaining 360€ for local businesses (30% of net income)

# Thank you!



***Dietrich Leihs***  
***leihs@uniza.sk***