



Funkcionális szemléletű megközelítés az infrastruktúra tervezésben

Functionality based approach in
infrastructure design

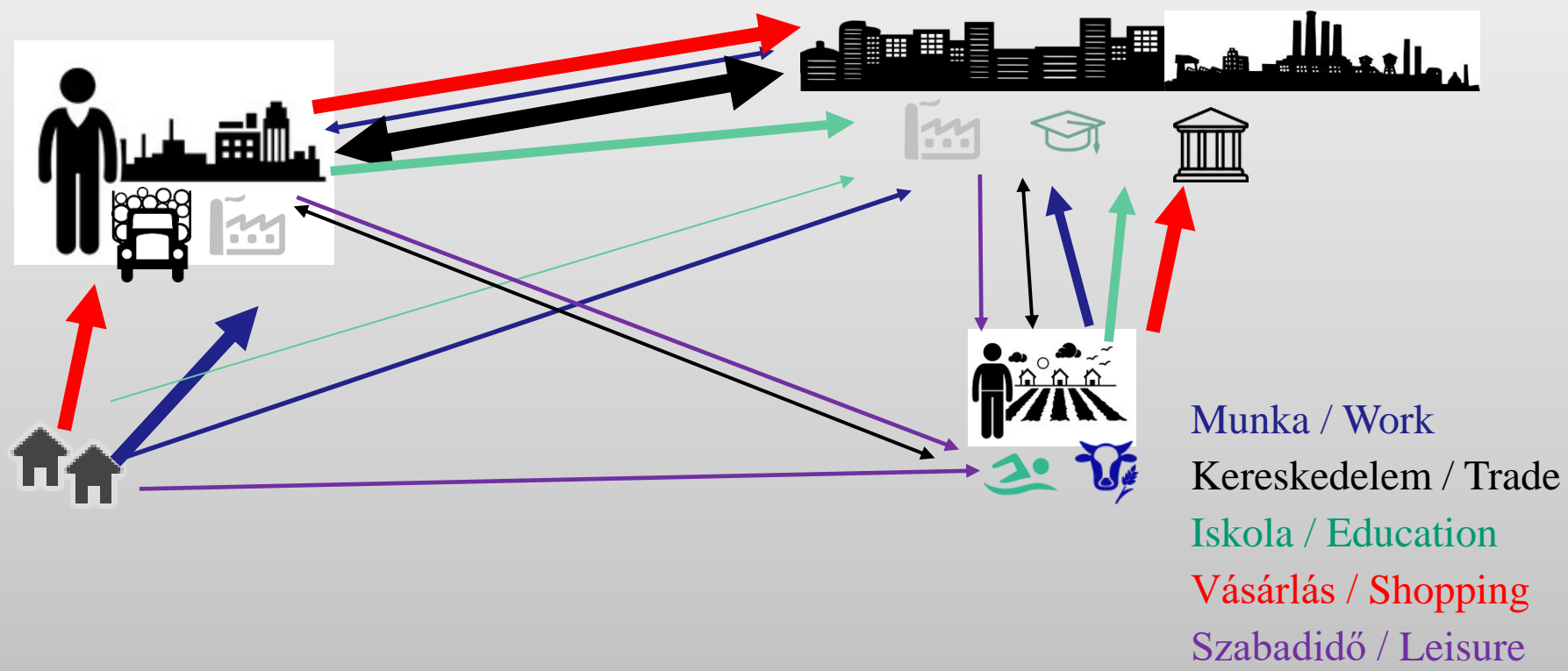
Dr. Zsolt Berki PhD.

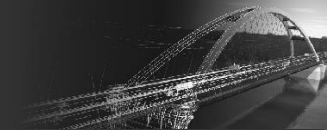
berki@fomterv.hu



Mit jelent a funkcionális kapcsolat?

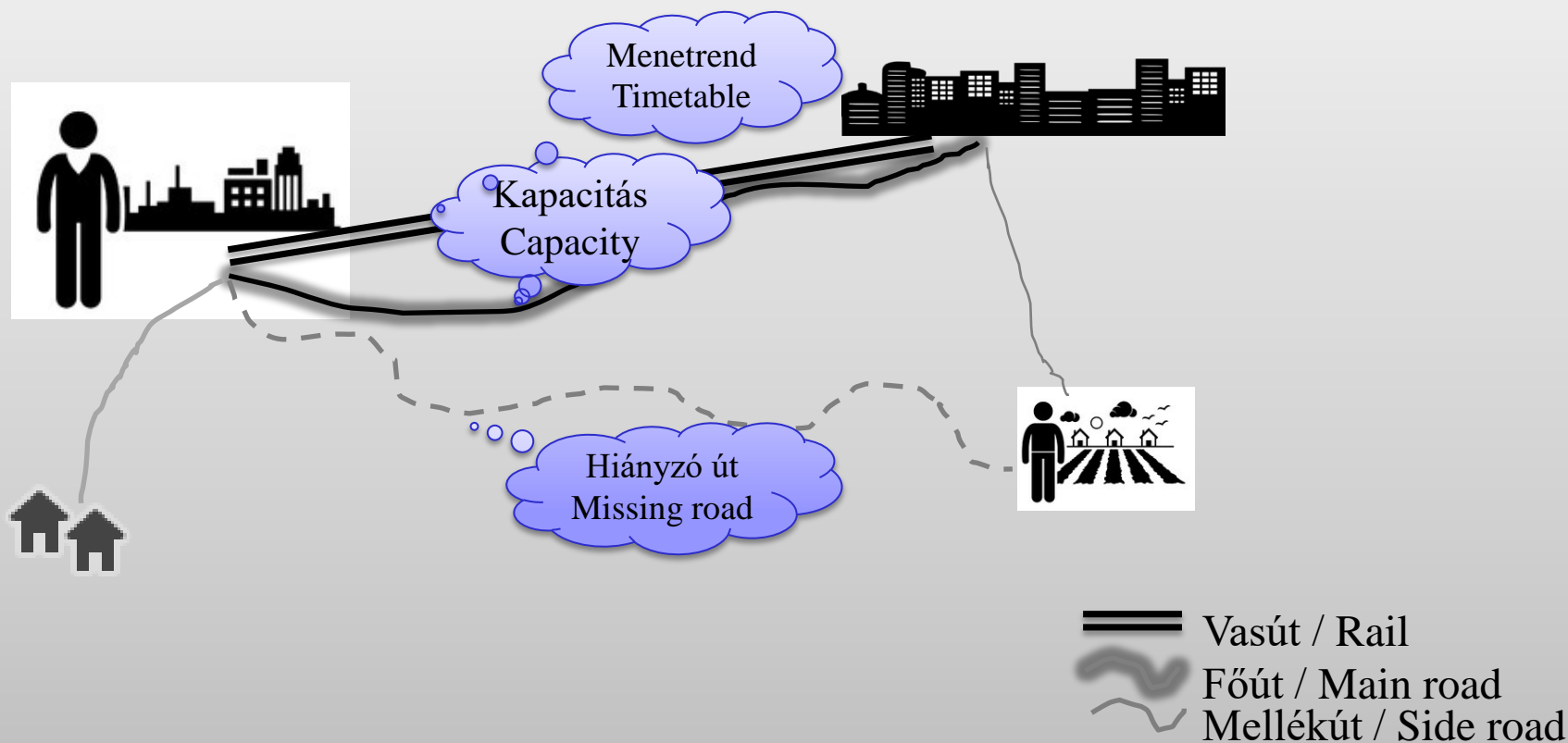
What does the functional connection mean?

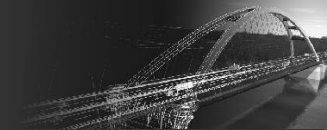




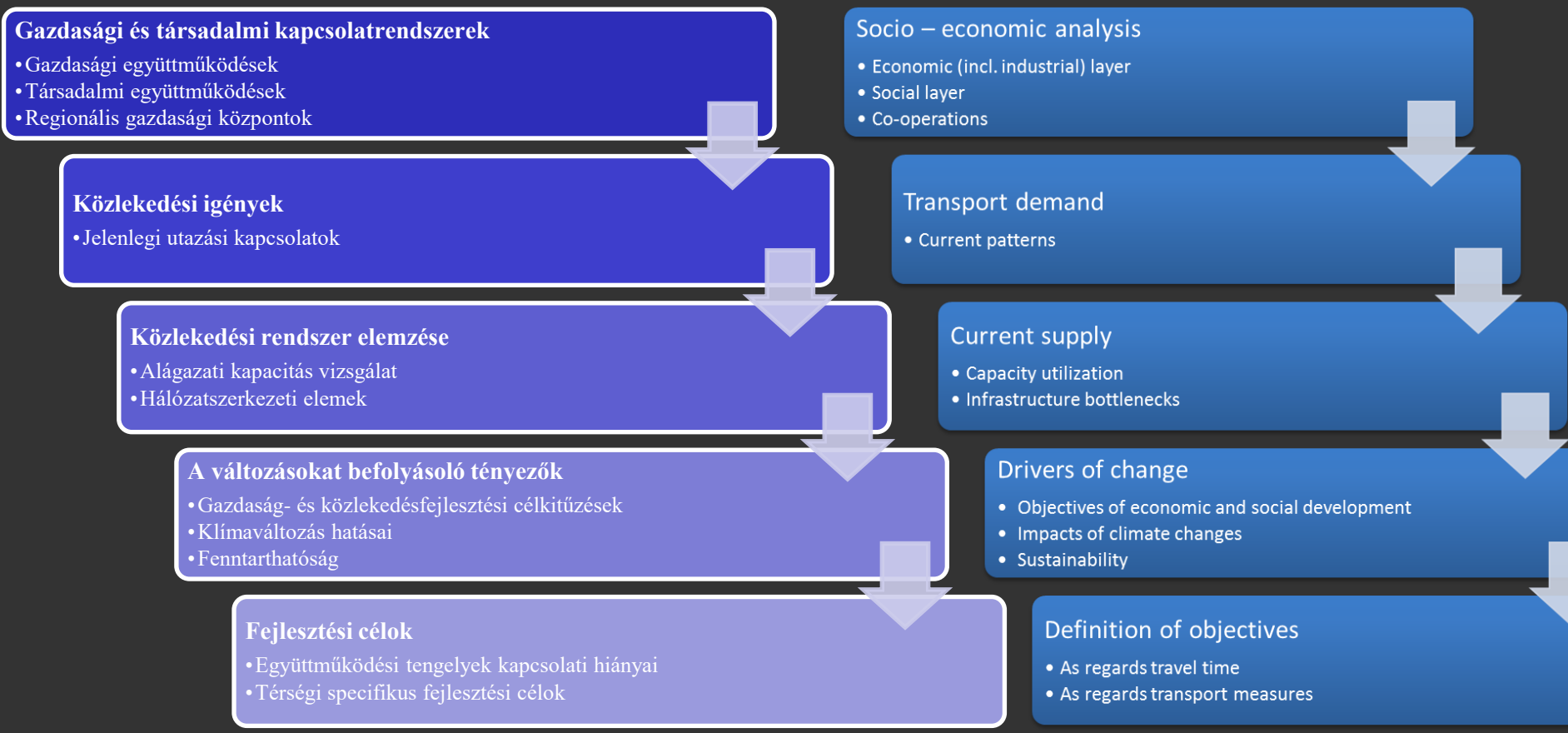
Mit jelent a hálózati hiány?

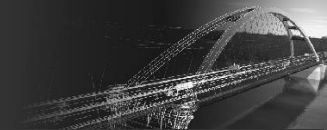
What does the missing link mean?





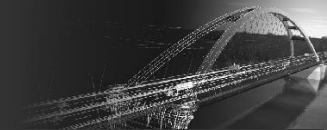
Methodology



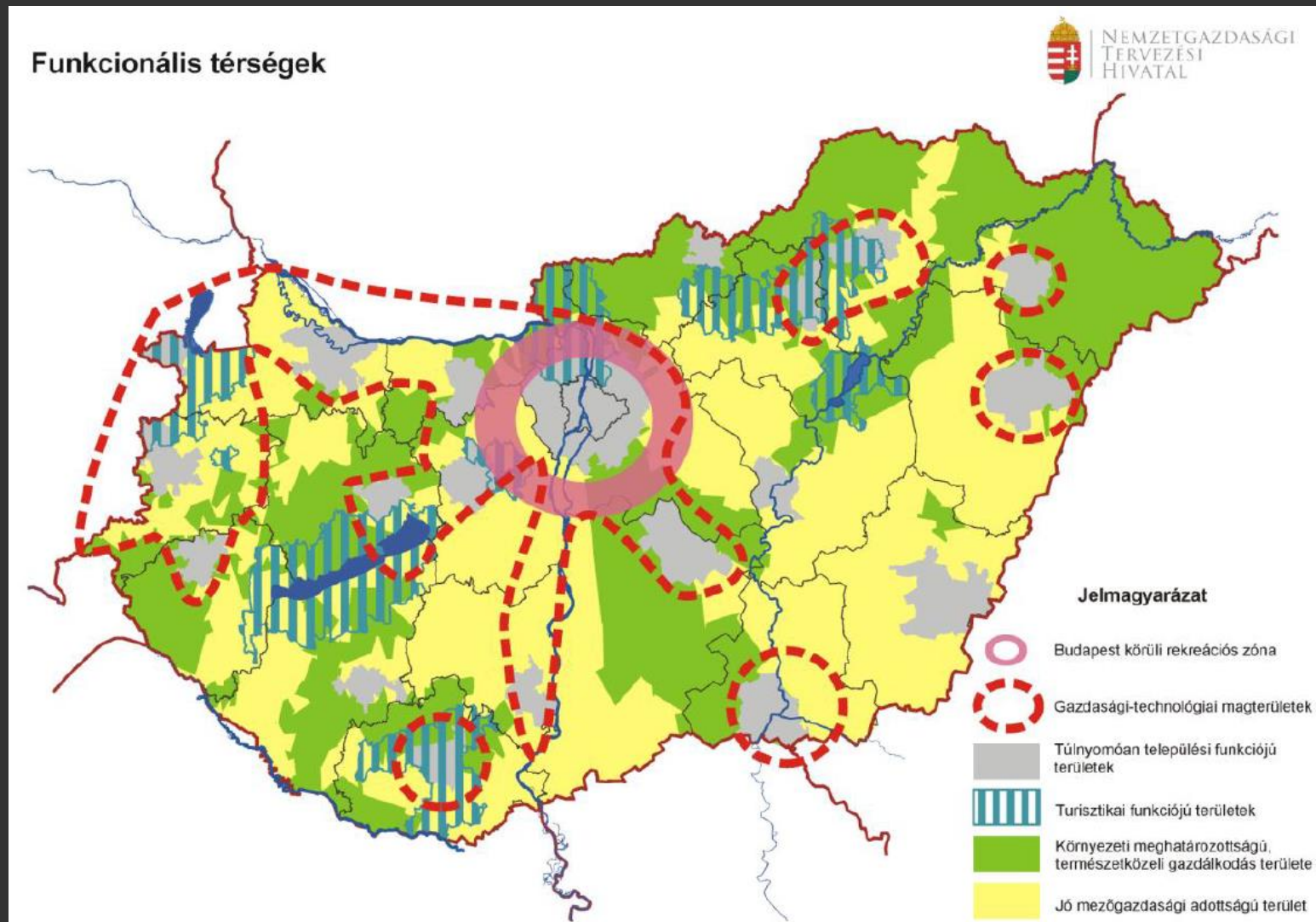


A közlekedési igények fő okai Understanding the key drivers



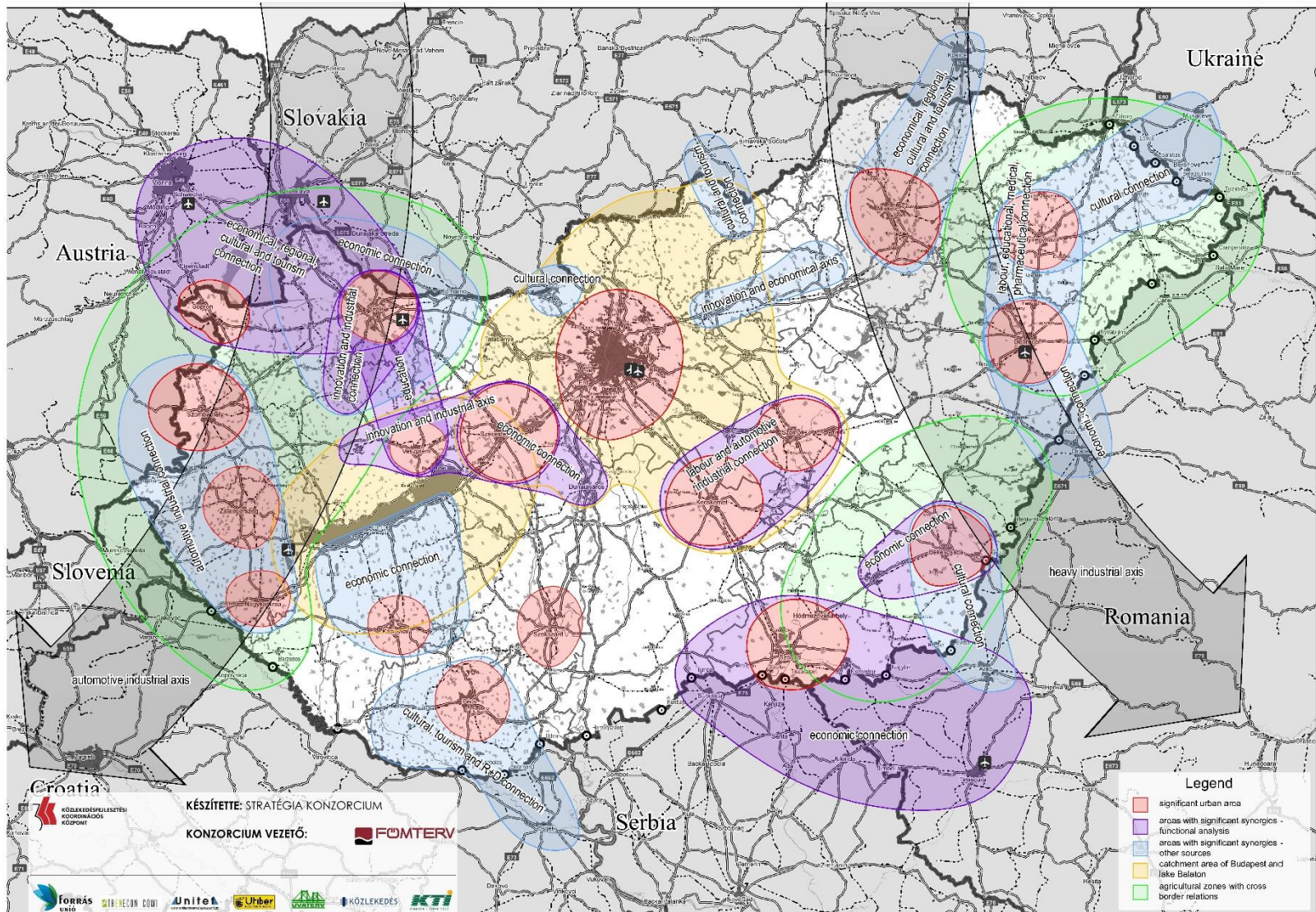


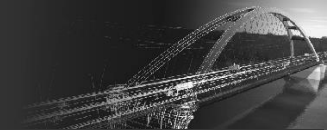
Functional regions in economic planning



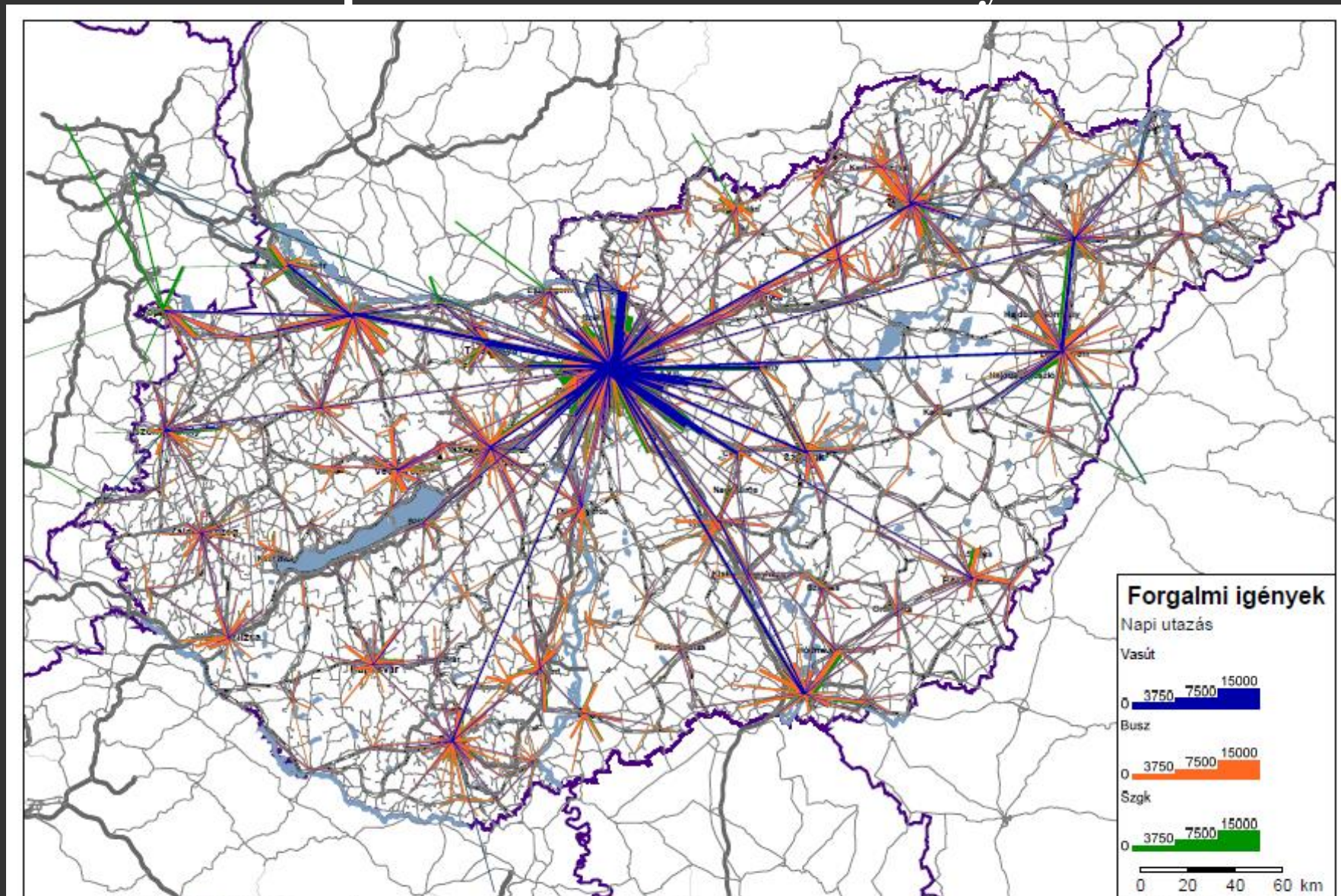


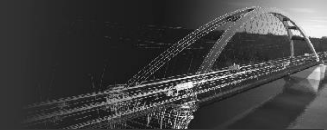
Functional regions in transport planning



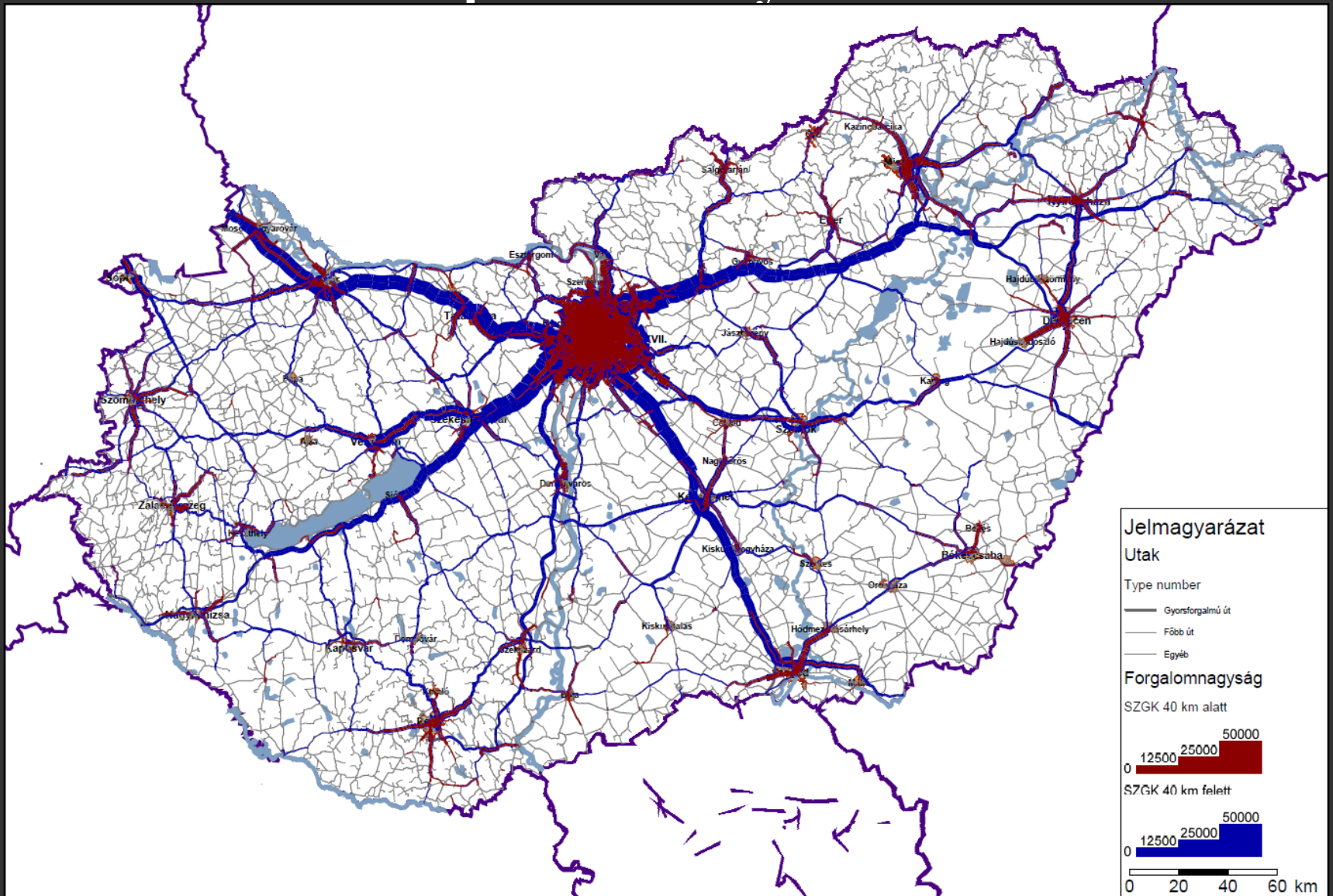


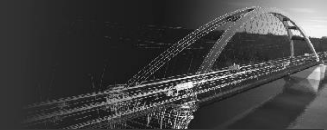
Transport model – demand analysis



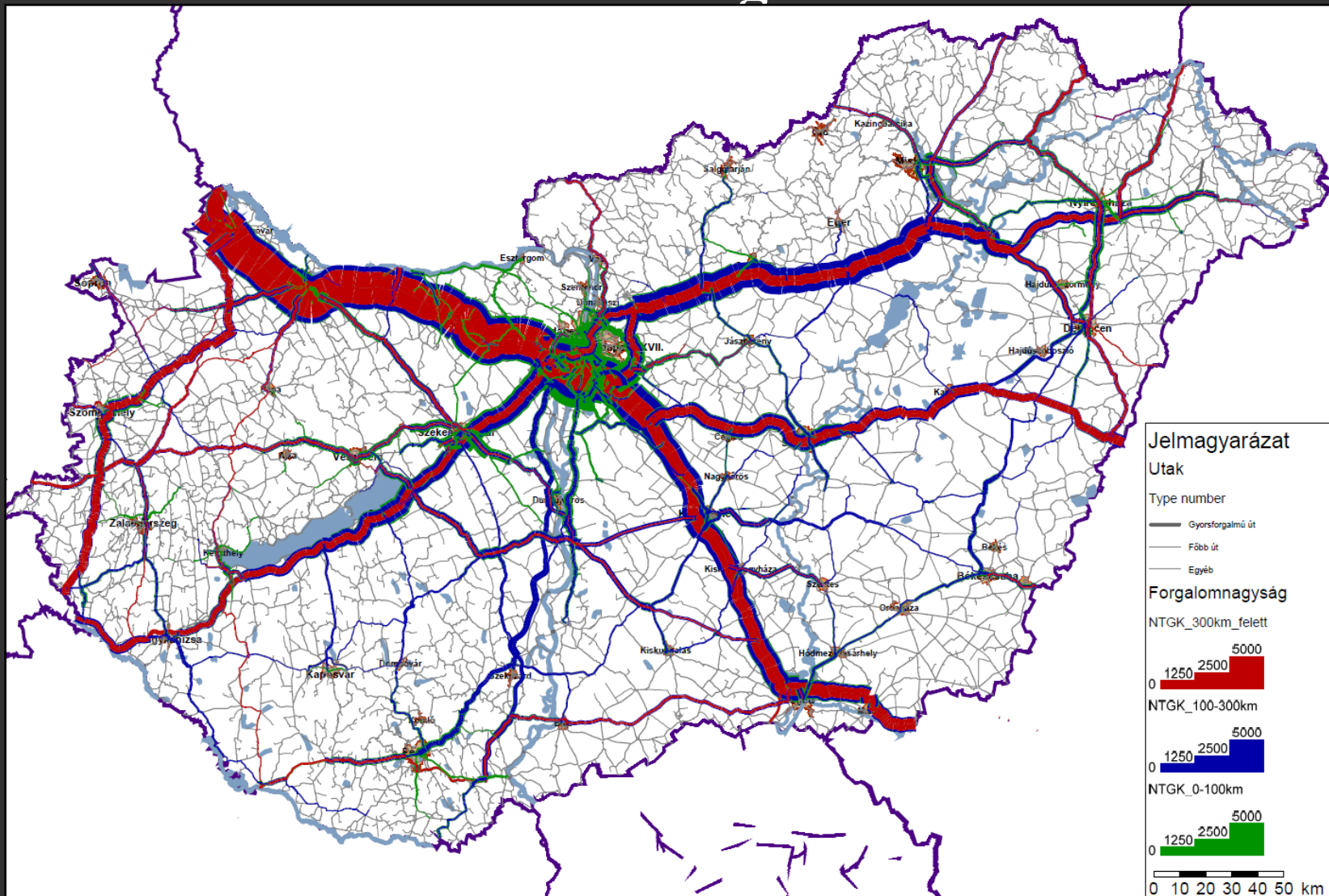


Road trips broken by distance



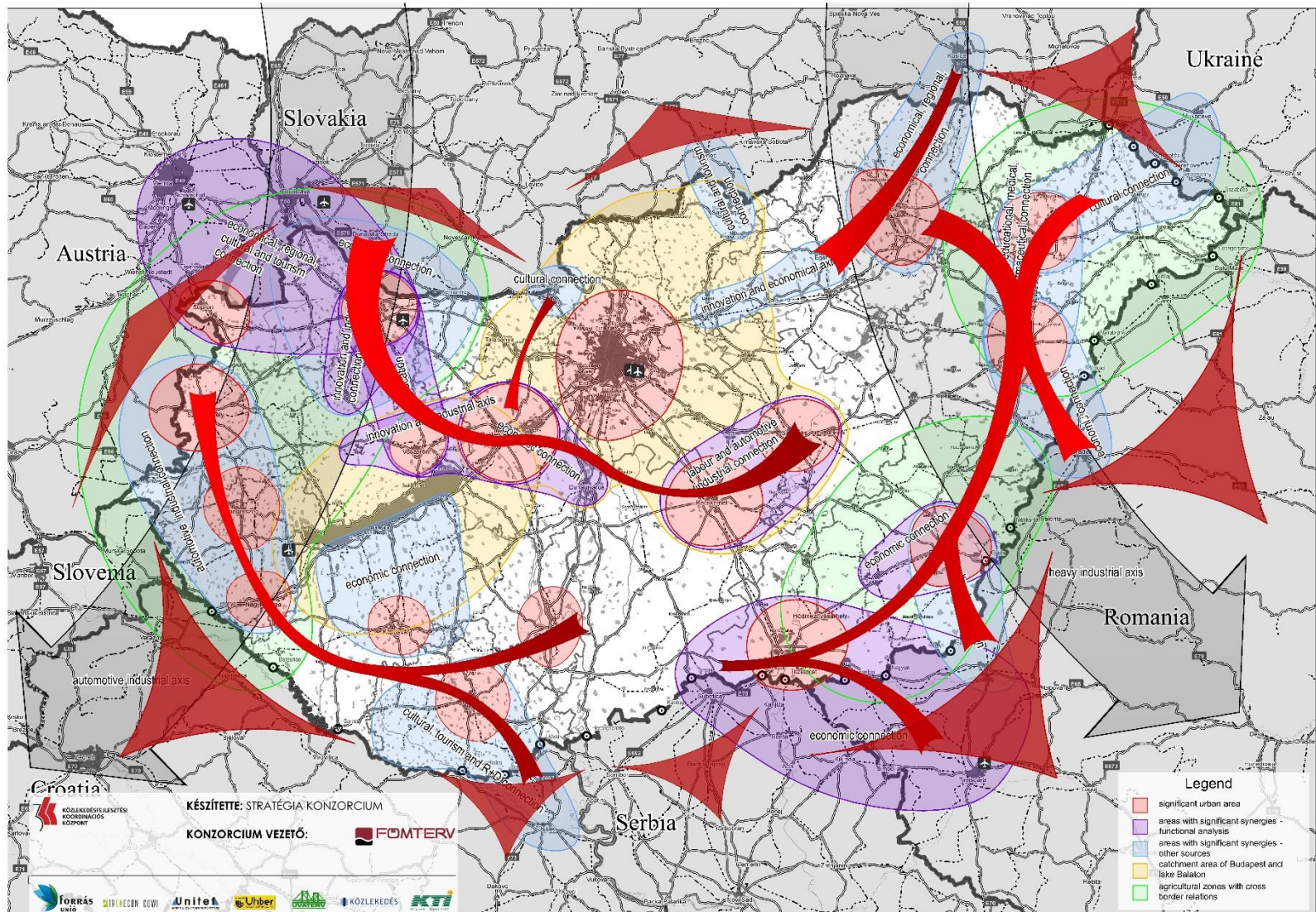


Road freight



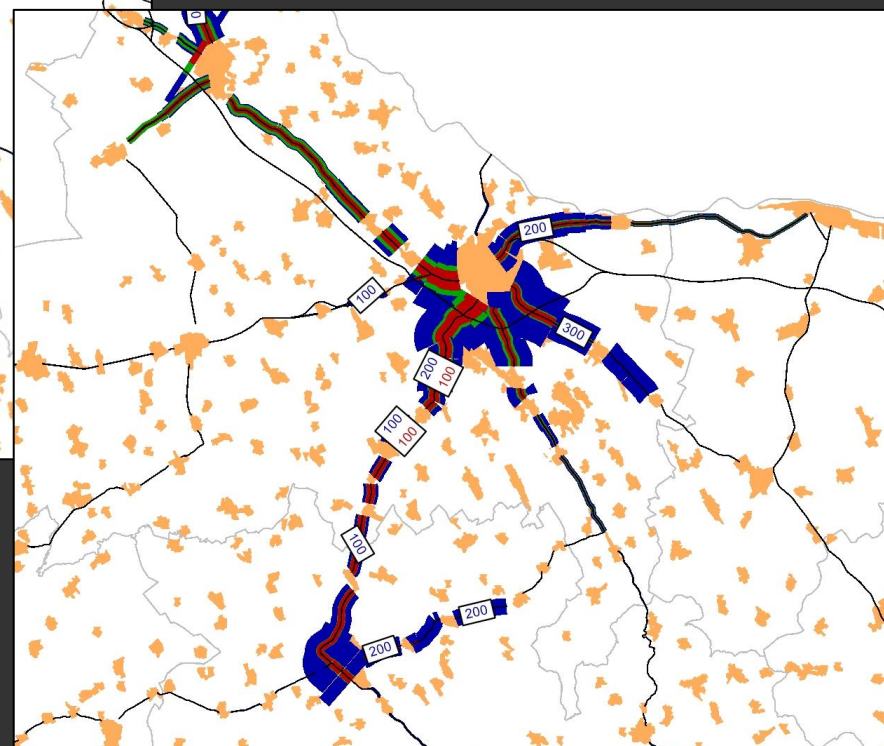
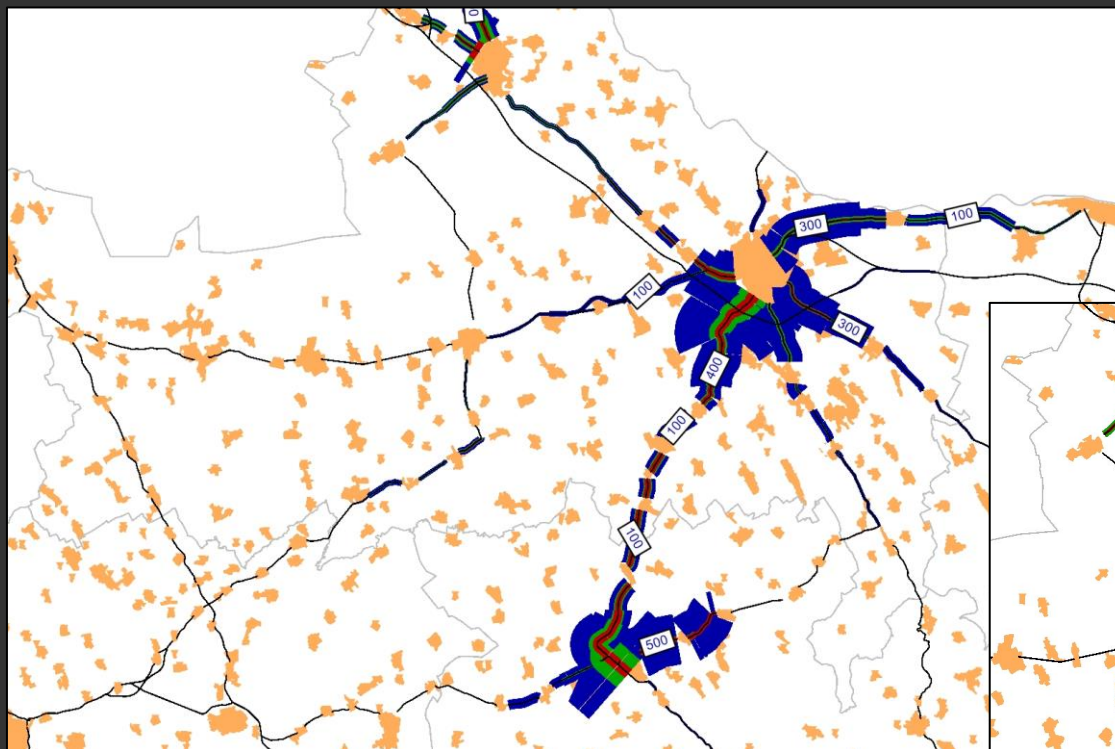


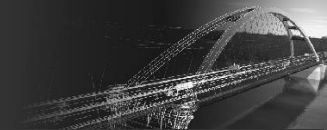
Missing links in transport





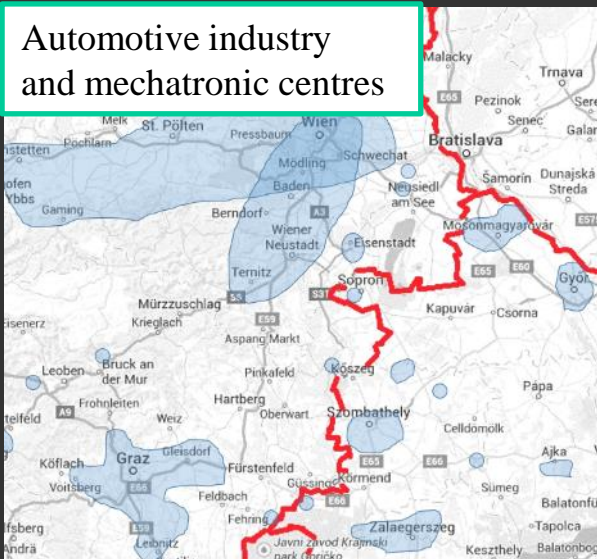
Mi van a változás mögött? What is the reason for change?



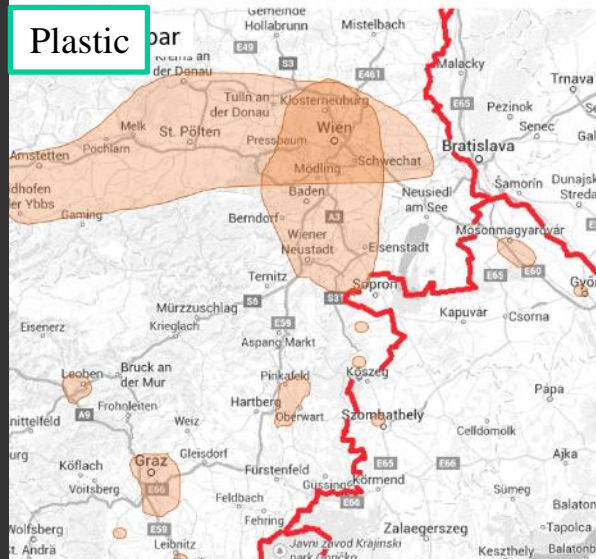


Regional cooperations

Automotive industry and mechatronic centres



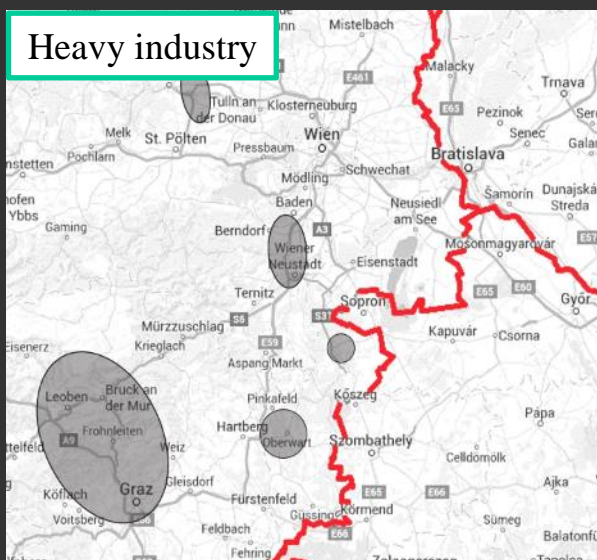
Plastic



Food processing



Heavy industry

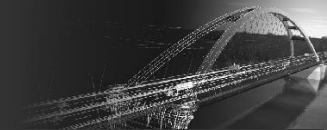


Tourism

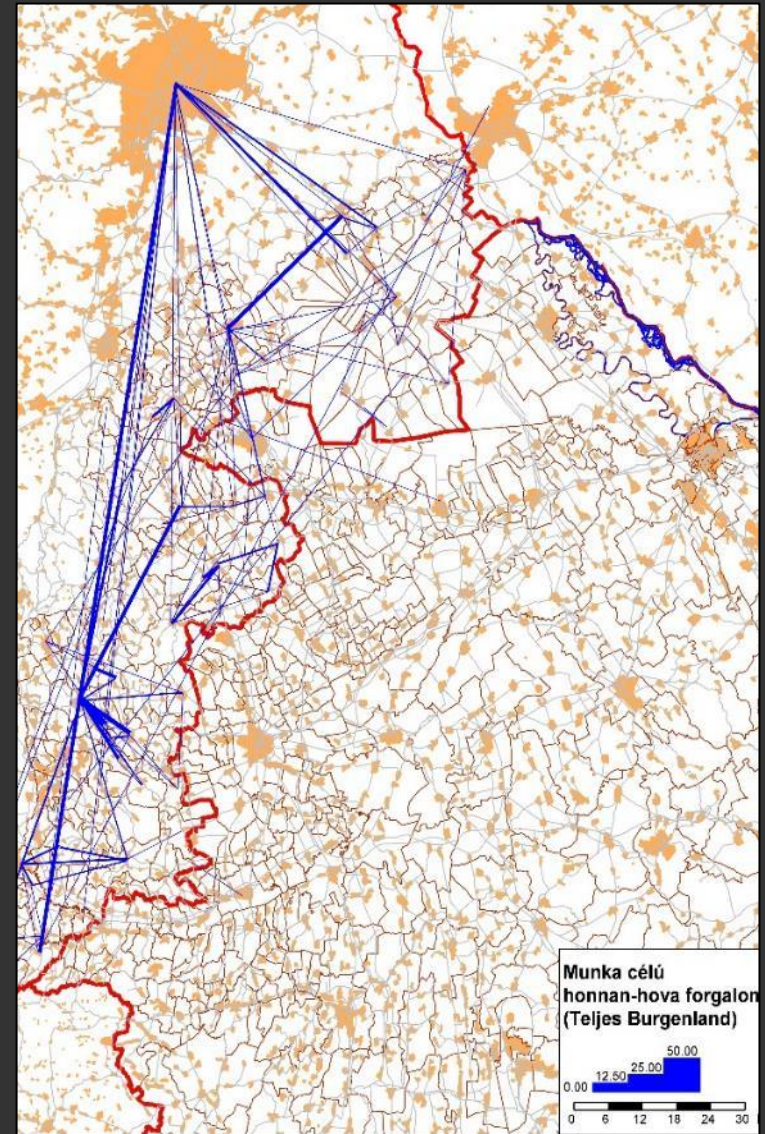
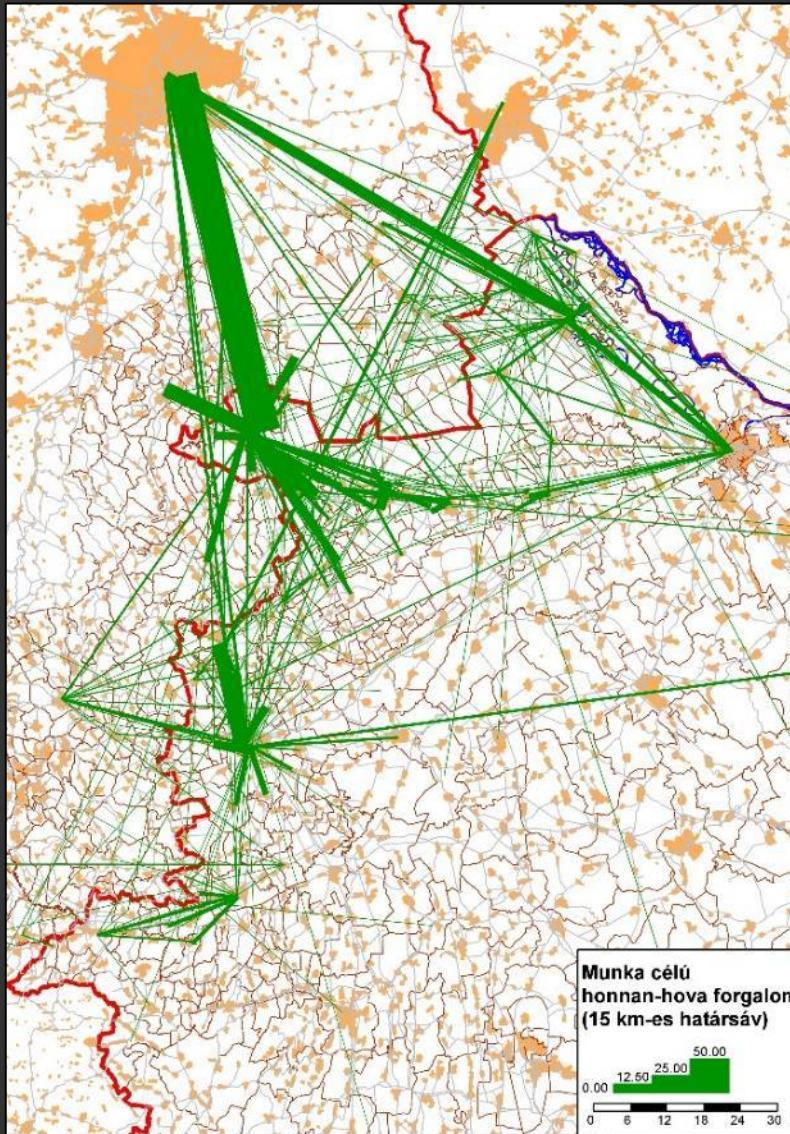


Shopping



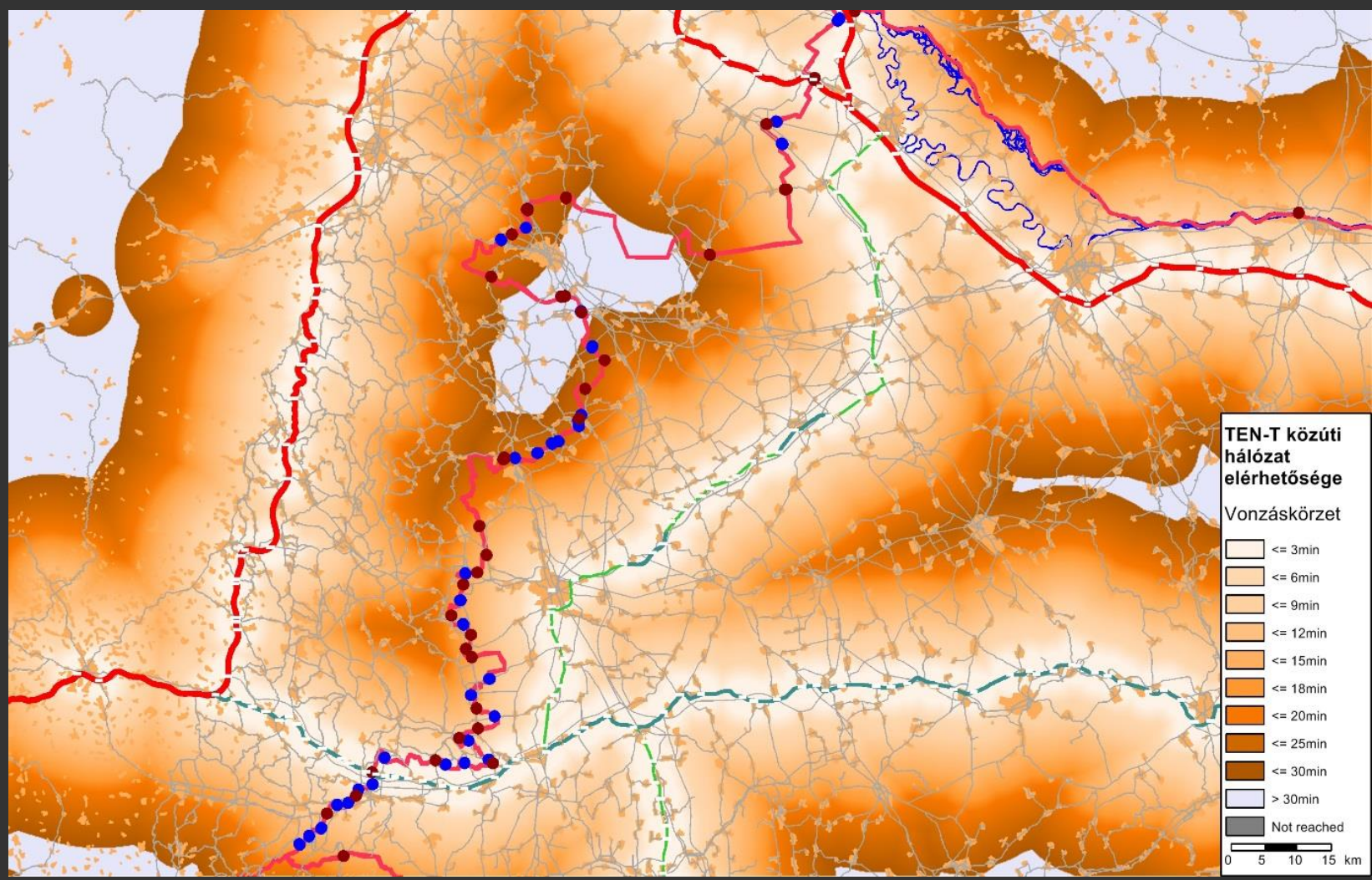


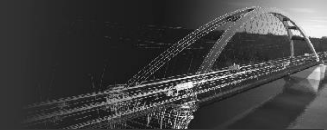
Travel to work



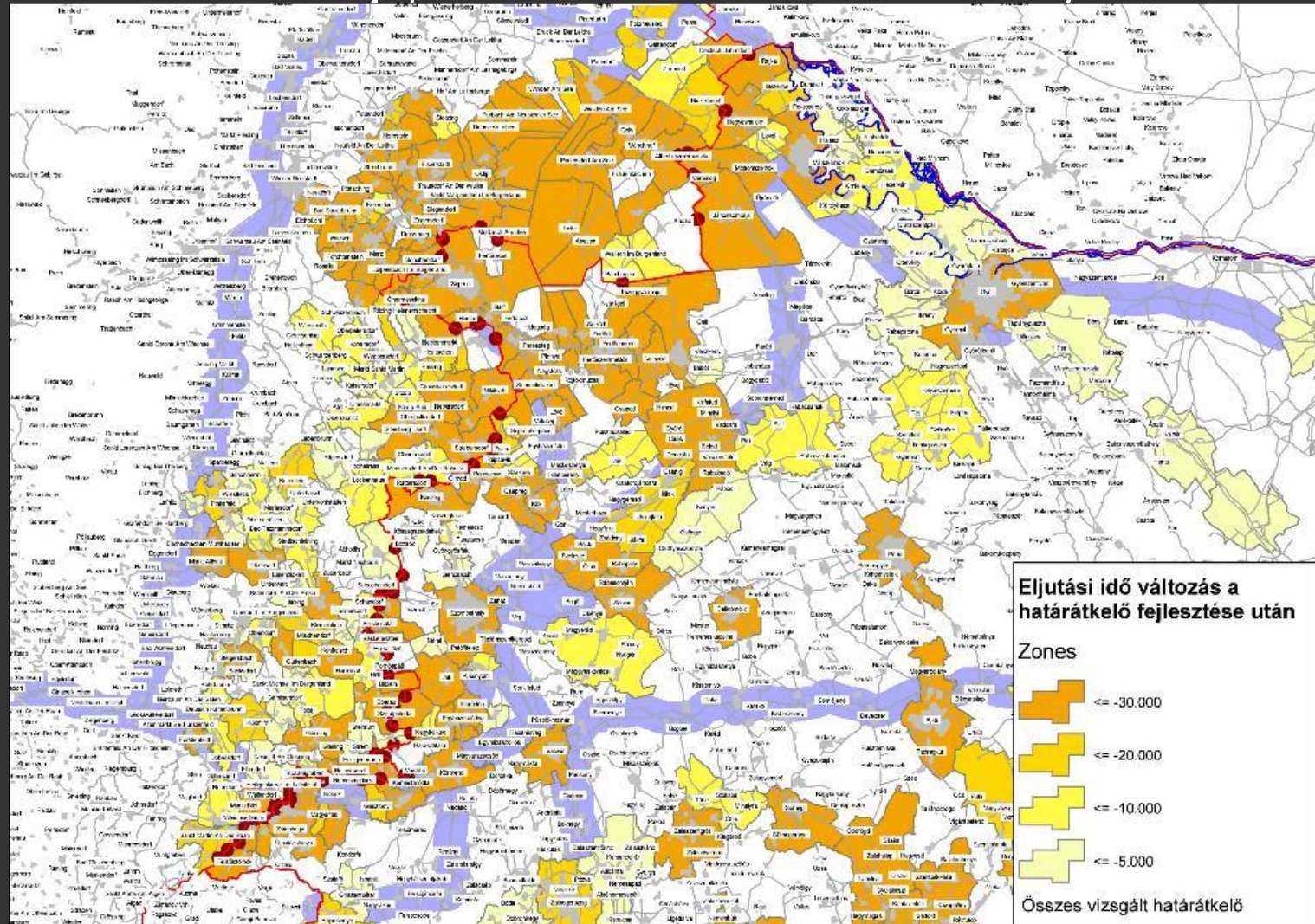


TEN-T road network accessibility





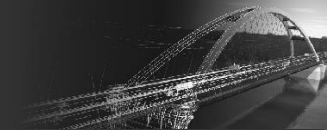
Change in accessibility





Conclusions → Objectives

- Nature of the transport development needs
 - Whom? - answer by demand segment and better assumptions for future demand
 - Why? – Identified real bottlenecks
 - Which way? – decision on mode
 - What? – derive of planning/design parameters
- Not obvious findings
 - Missing links
 - Realistic forecasts
 - More specific design against real needs



Köszönöm figyelmet!

Thank you for your attention!

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