

Dr. György Jóna

Networking of SMEs and regional economic growth

Territorial Processes of the East and Central Europe

University of Debrecen, University of Economics in
Katowice

jona.gyorgy@foh.unideb.hu

Eger, Hungary, 19-20 November 2015.

PAGEO



PALLAS ATHÉNÉ
GEOPOLITIKAI
ALAPITVÁNY



László Barabási-Albert



Tamás Vicsek



Réka Albert

Interregional examples

Silicon Walley

Danish economy

Italian tourism and agricultural family
networks

British local enterprise partnership (LEP)

Spanish triple helix scenarios (complex
network)

www.amazon.com

Domestic experiences

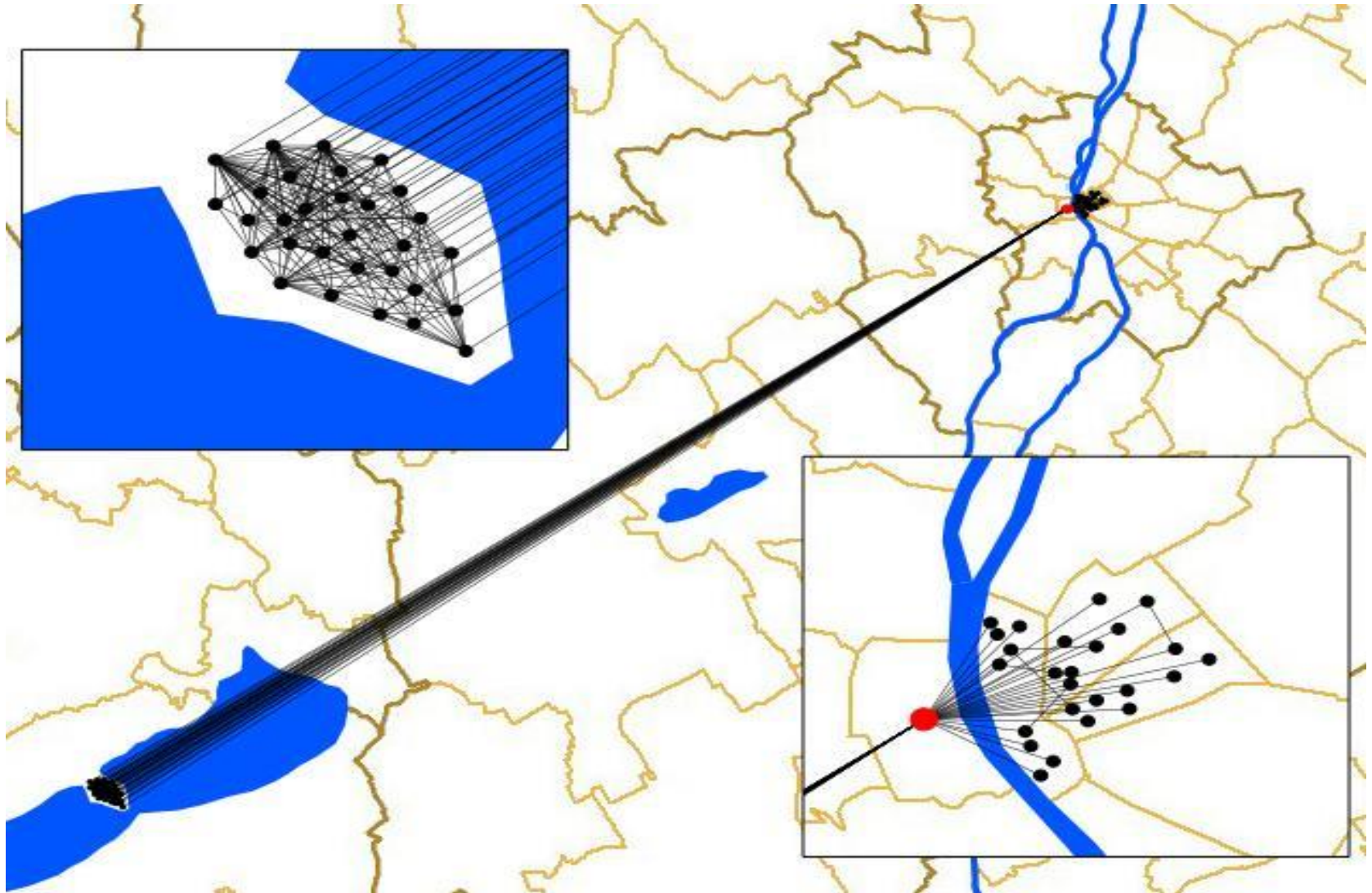
- During the communism,
- After the regime change in 1989 in Hungary,
- Attila Chikán's and László Szerb's researches
- Leader program 2007-2013 (Póla-Chevalier-Maurel 2015)

METHODS

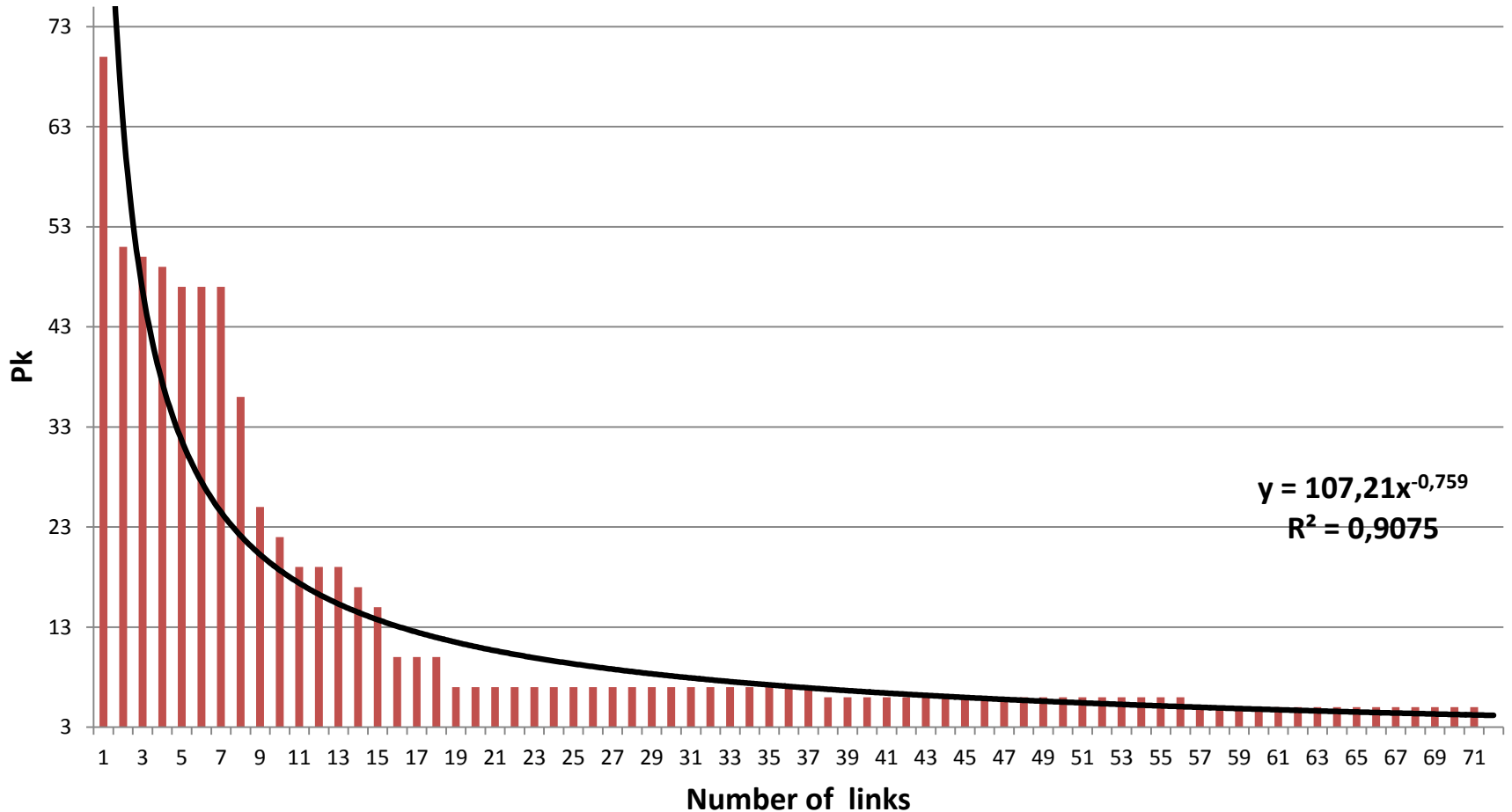
- Combining qualitative and quantitative methods
- Budapest-Tihany network: 72 SMEs
- Nyíregyháza network: 14 SMEs
- Budapest network: 41 SMEs
- Together: 127 interviews and questionnaires

RESULTS

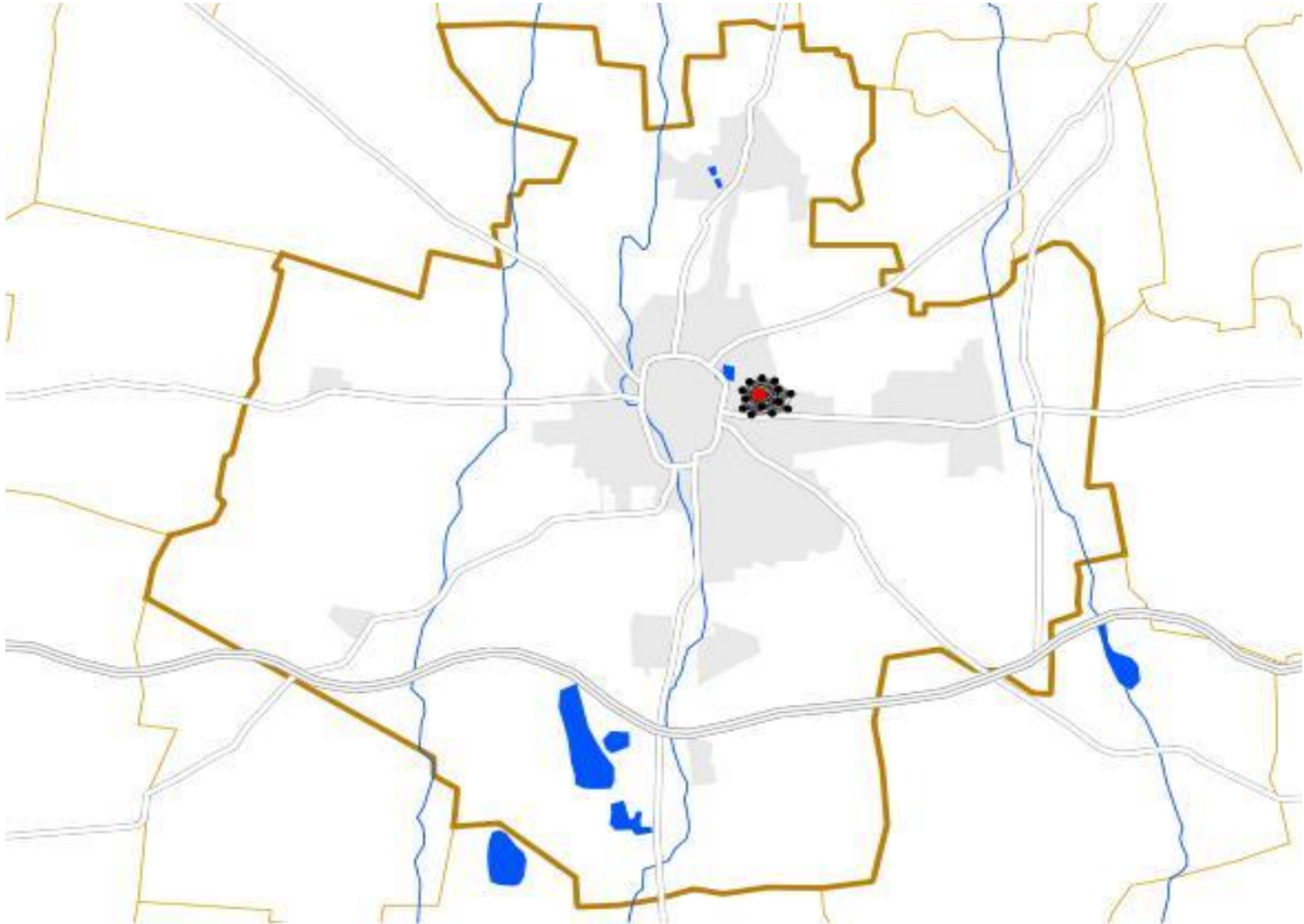
Budapest-Tihany network on the map



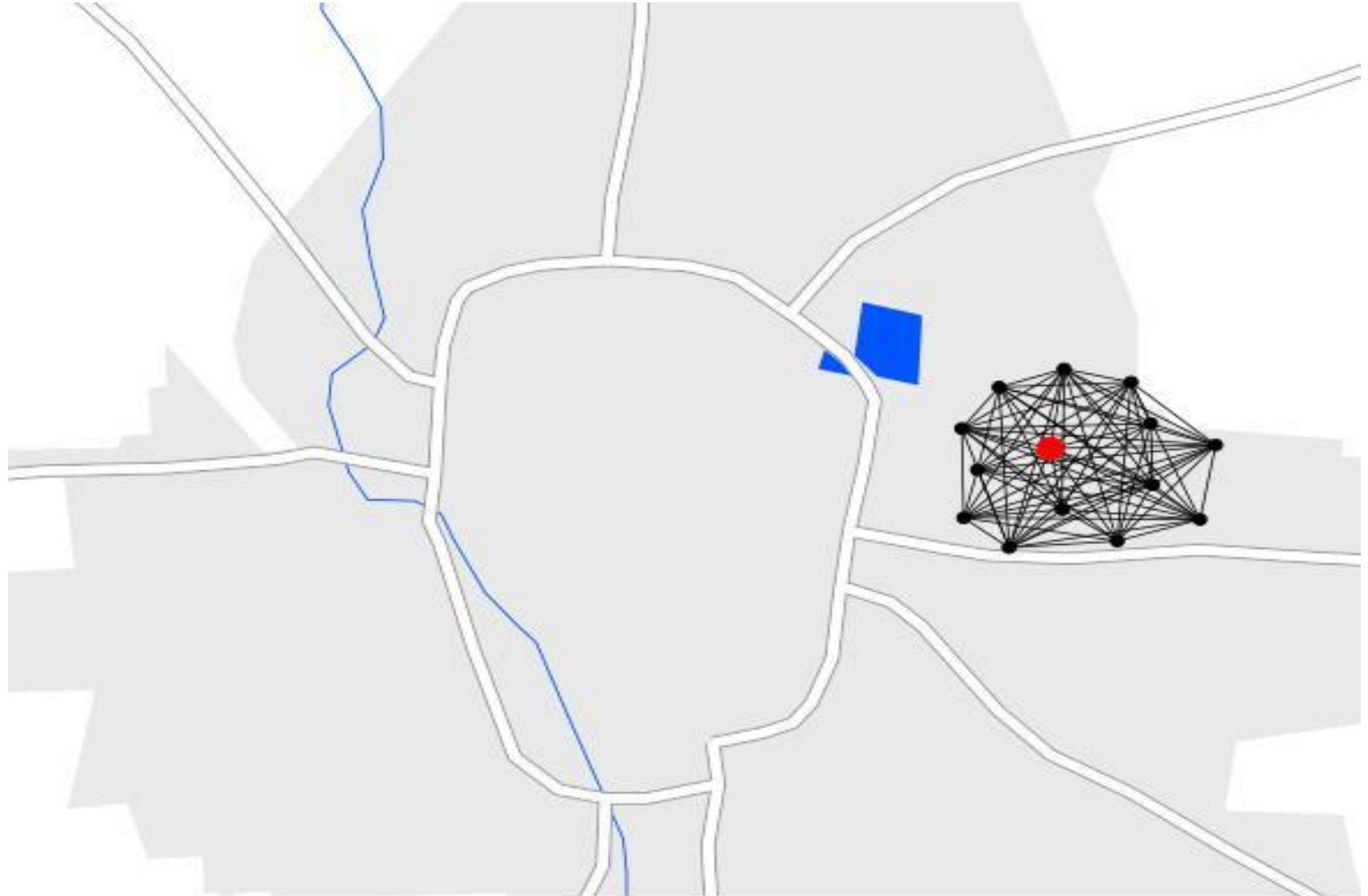
Topology of Budapest - Tihany network



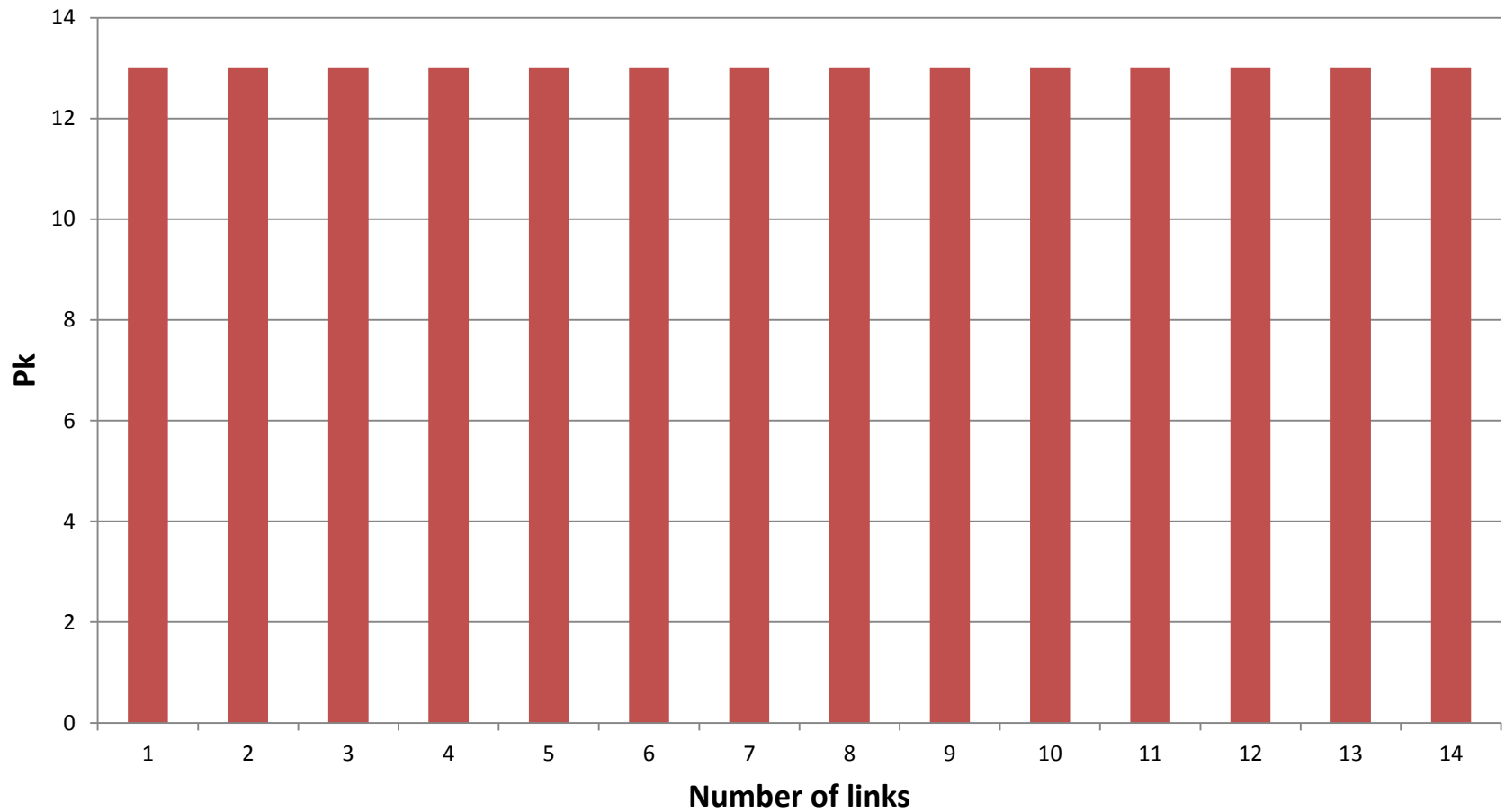
Nyíregyháza network on the map



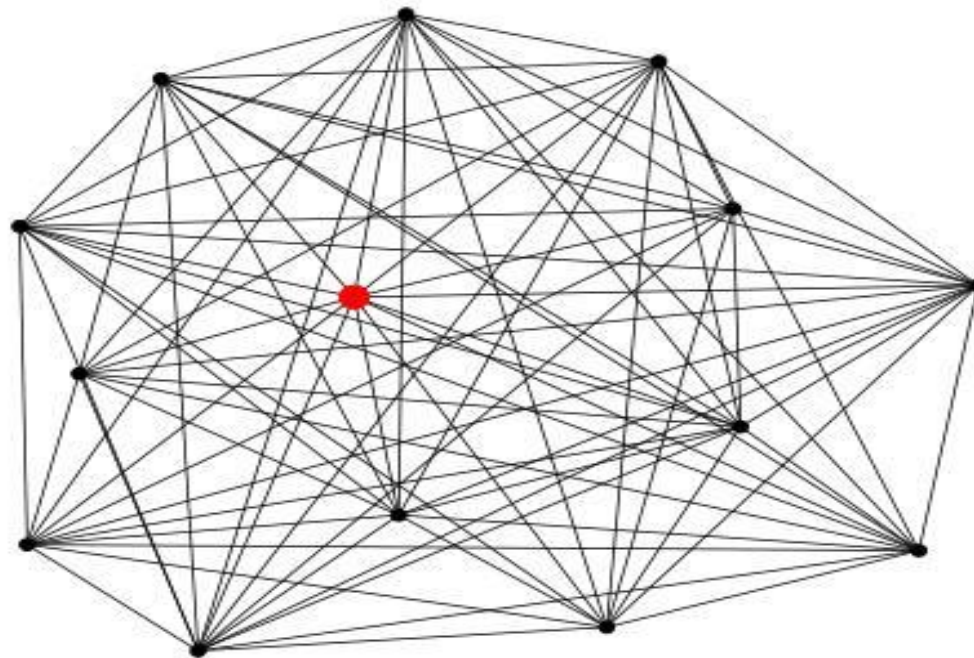
Nyíregyháza cooperative network on the map



Topology of Nyíregyháza network

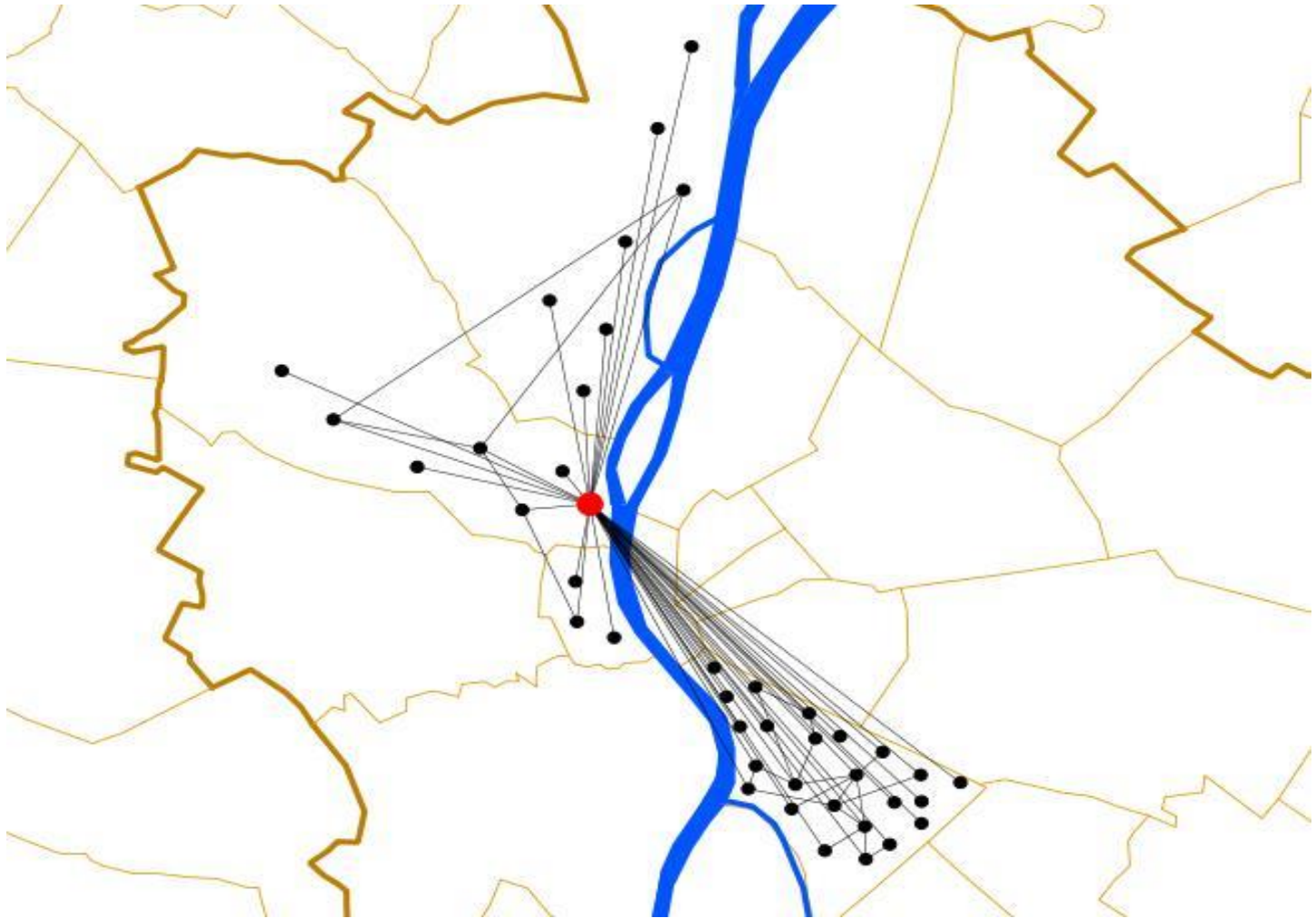


Graph of Nyíregyháza network

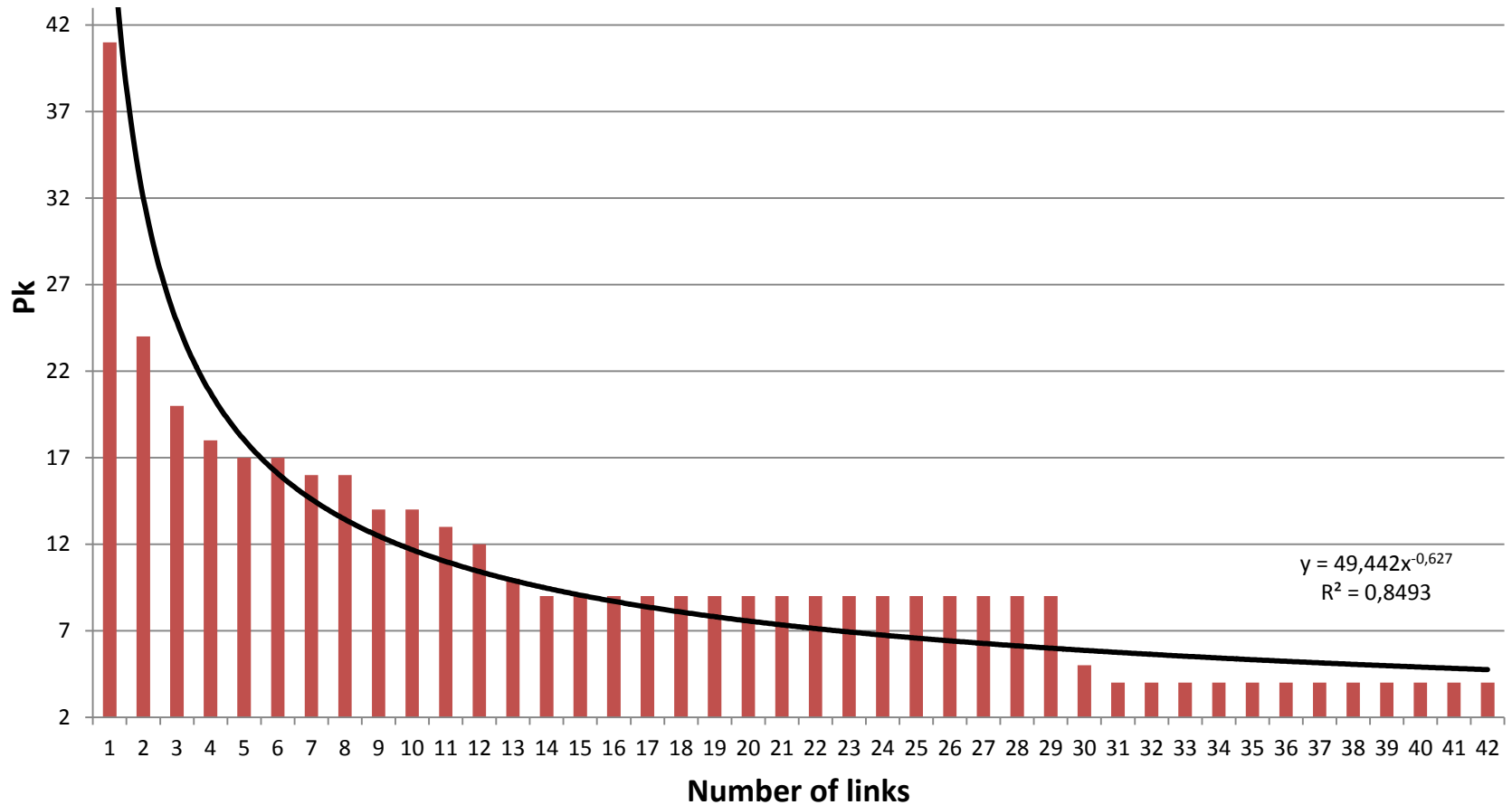


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Budapest cooperative network on the map



Scale-free topology of Budapest network



Effects of SME's networking on local development

Networking contributes to:

- create new jobs

Budapest-Tihany network: 136 new workplaces

Nyíregyháza network: 97 new workplaces

Budapest network: 54 new workplaces

- new milieu, attitude at urban level or nodal region,
- growing income year by year,

Effects of the SME's networking on local development

- developing face-to-face relationship at local level,
- the economic, emotional and social security have been emerging,
- transactional costs have been reduced,
- the endogenous assets were exploited, moreover the localization and urbanization economies of scale can be revealed,

**THANK YOU FOR YOUR
ATTENTION!**