New pathways of urban sprawl and reurbanisation.

Impacts of demographic change and population decrease on current urban change
Issues addressed

- Europe’s cities between sprawl and reurbanisation
- A general account of urban development patterns under the condition of shrinkage
- Urban sprawl and reurbanisation: drivers of an emerging pattern of urban landscape?
Research questions

- What will be the consequences of urban sprawl and reurbanisation in declining city regions in terms of the urban fabric?

- Are urban sprawl and reurbanisation complementary or contradictory processes?
Population growth and decline of core, ring, functional urban region (FUR) and rural hinterland

Source: Haase, Nuissl, Rink (2007)
Population growth and decline of core, ring, functional urban region (FUR) and rural hinterland - under decline -

Time (End of End of Classification Type...)

--- Core --- Ring --- FUR --- Rural Hinterland

Source: Haase, Nuissl, Rink (2007)
Urban sprawl and reurbanisation under the condition of shrinkage

Legend:

- Reurbanisation
- Suburbanisation
- Strong shrinkage
- Weak shrinkage
A new pattern of urban landscape?

- perforation of the core city and fragmentation of urban functions
- reurbanisation means a qualitative change as well as a stabilisation and consolidation of the core city
- reurbanisation remains a selective process
- sprawl does not immediately stop
- sprawl is selective and focused on distinct areas
- the suburban ring is gradually affected by shrinking
- future? parallel trends of shrinkage and polarisation of the FUR
Conclusion

- big cities benefit from reurbanisation
- strong disurbanisation of small and middle-sized towns
- polarization of the urban system: shrinking small and medium-sized cities vs. stabilizing big cities
- rural hinterland strongly affected by shrinkage
- sprawl and reurbanisation: contradictory but coinciding processes
- result: a new relationship between core city and ring
Population Growth and Decline of Core, Ring, FUR, and Rural Hinterland

Population Change

Time (End of Classification Type...)

- Core
- Ring
- FUR
- Rural Hinterland

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Fig. 1: Population size of core, ring, functional urban region and rural hinterland