



Is it possible to generate economic, ecological and social scaling effects through novel cooperation and pooling models (CPM) involving urban-rural partnerships?

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How to read this poster?

This poster provides a basic introduction into the KOPOS project which has been started in February 2020. In this „research design“ poster we present guiding research questions, main ideas, and frameworks applied in the ongoing research process.

Background

Regional agriculture and food supply have traditionally been an integral part of the functional relationship between cities and rural areas. However, due to the globalisation of agricultural systems, nowadays cities are hardly fed from the surrounding countryside. Reconnecting urban and rural areas can contribute to regional transformation towards sustainability and create more environmentally friendly, resilient supply structures.

Introducing KOPOS

The KOPOS project investigates the potential of **cooperation and pooling models (CPM)** for more sustainable city region food systems. We combine transdisciplinary research with transition management approaches in two case study regions in Germany, which show high dynamics in terms of both land use competition and drivers of a re-regionalization of agro-food-systems.

Our research guiding hypothesis: CPM facilitate the joint use of resources such as production facilities, services, land, capital and network structures.

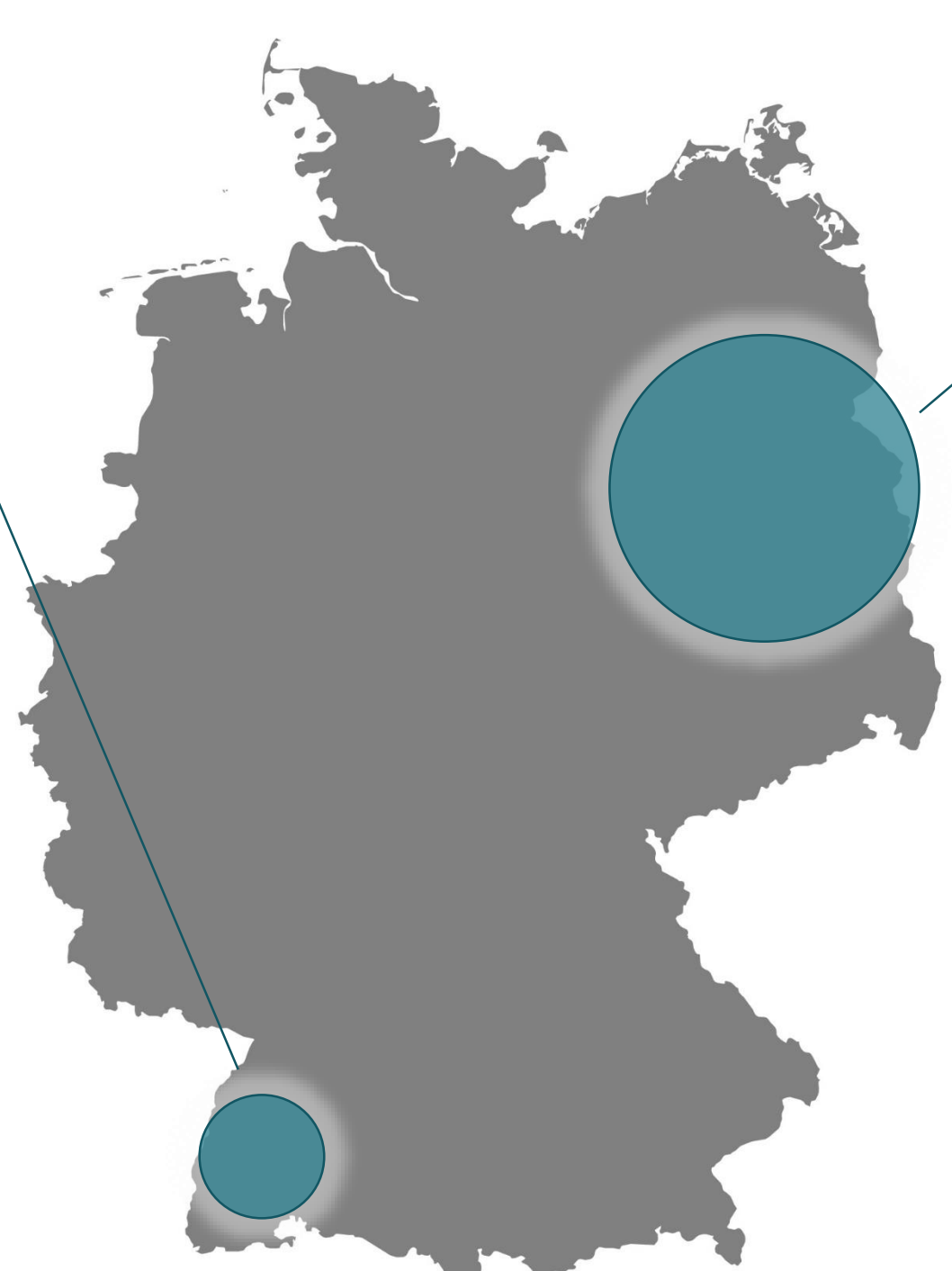
Case study regions

Model region I: Freiburg i.B.

Action research topic:
Regional short supply chains

Aims:

- Improve, establish and/or expand regional value chains, enable greater availability and use of regional and sustainably produced food
- stronger connection of producers and consumers of regional goods



Model region II: Berlin-Brandenburg

Action research topic:
Access to land resources; maintenance of agricultural use

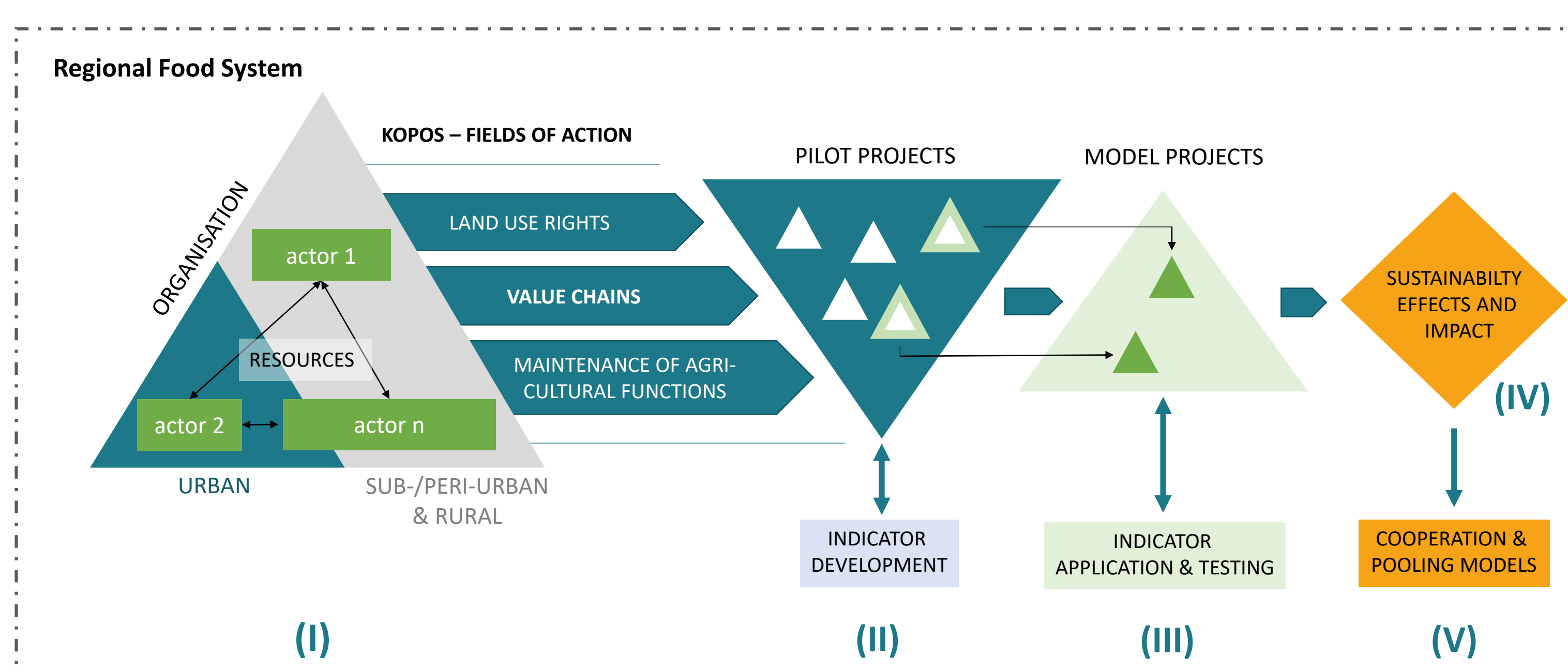
Aims:

- Increase the supply of sustainably and regionally produced food
- Develop and strengthen models of multifunctional land use in urban, peri-urban and rural areas
- Enable and secure access to land for young farmers



The KOPOS research team (source: K. Backhaus)

Operational Framework of the Research Process



The research process is guided through a multi-step process:

- (I) Identification and analysis of current CPM in each case study region
- (II) Selected pilot projects and mutual indicator development for sustainable impact assessment
- (III) Application and testing of new CPM and indicator set in large model projects
- (IV) Measuring and identification of sustainability effects and/or impacts
- (V) Further adaptation of CPM & transfer into different spatial and thematical contexts

Project Partners:

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