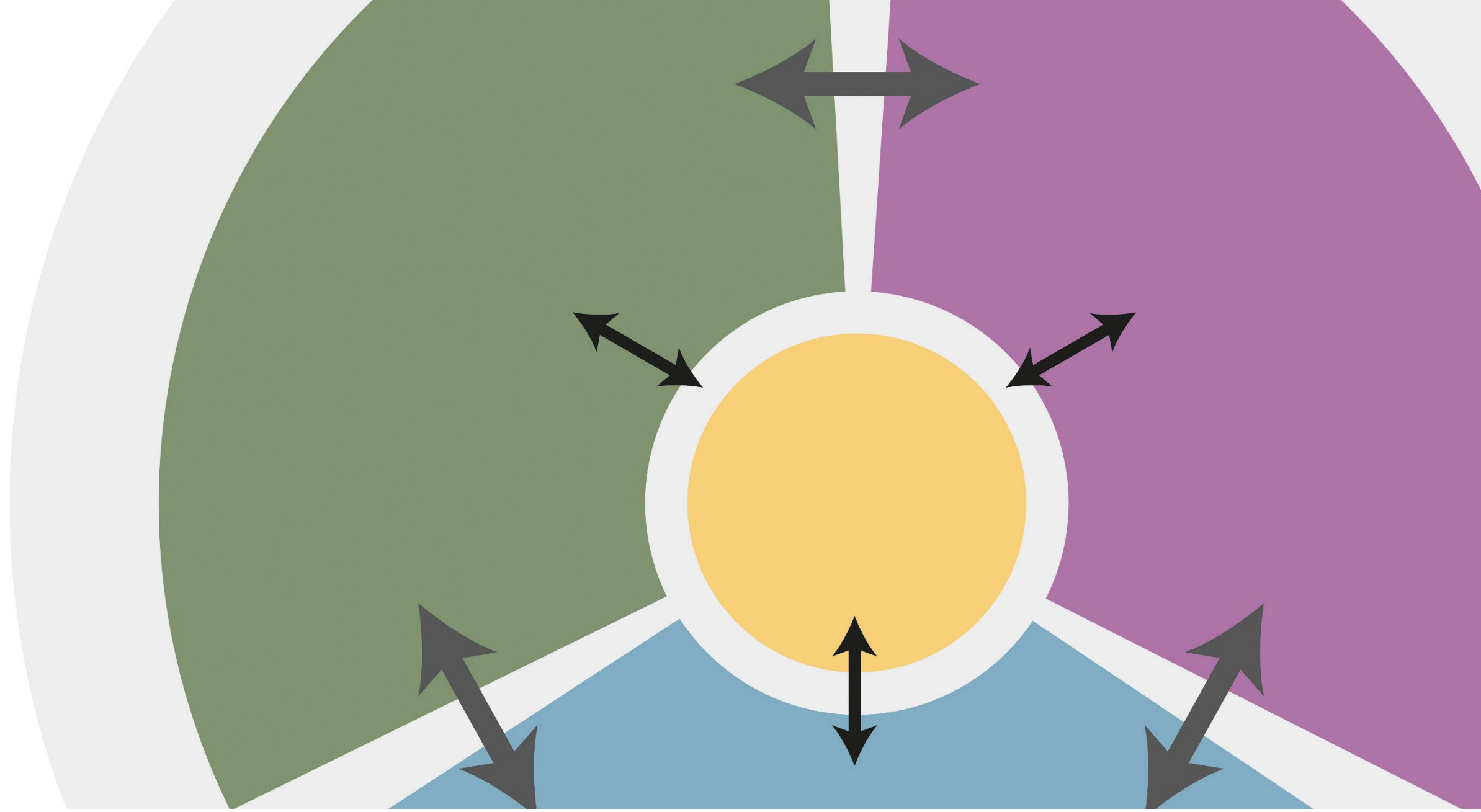


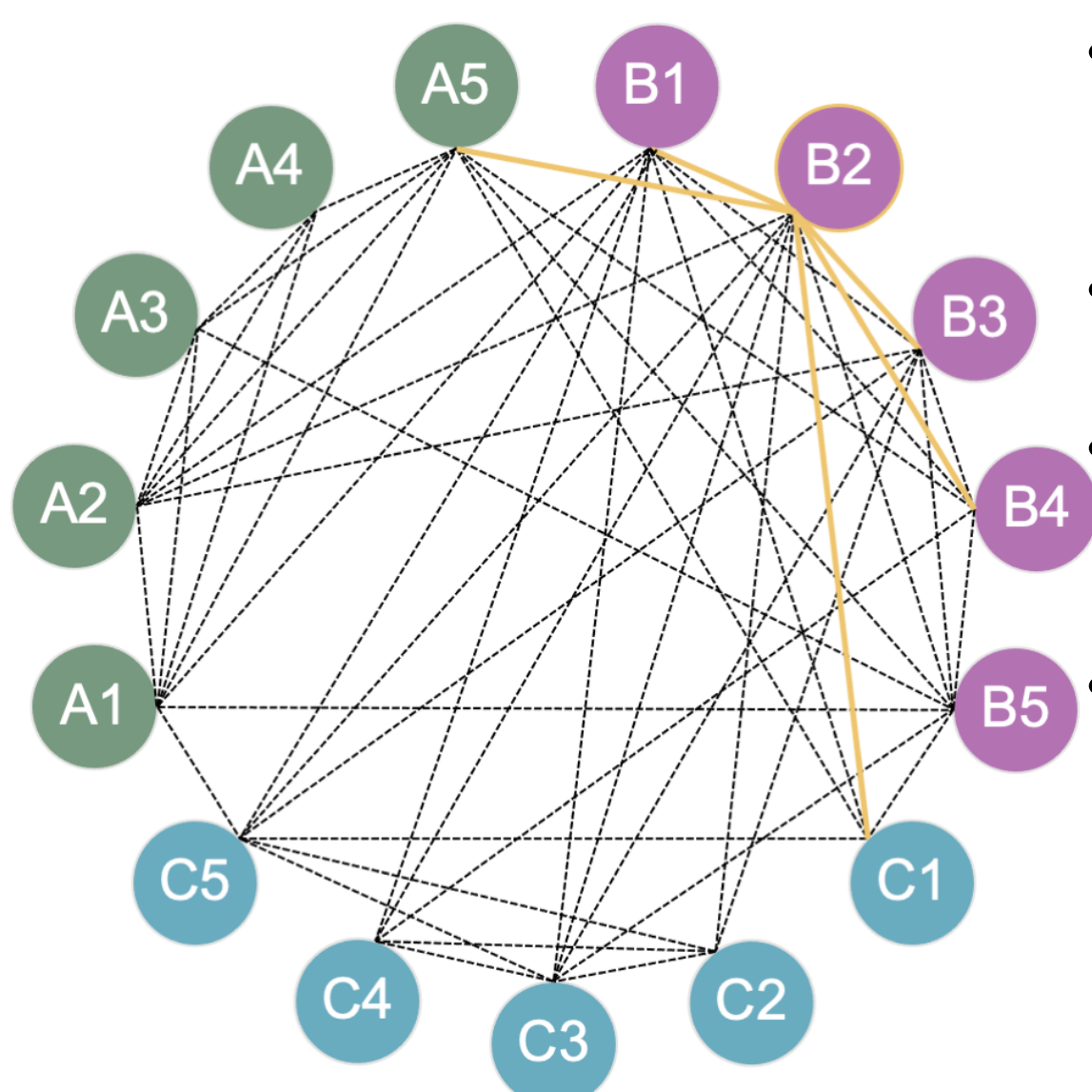
# The influence of farmers' perceptions of (systemic) risk and potential regime shifts in the decision to adopt or maintain certain agricultural practices



## Motivation & Innovation

To date, risk has played a subordinate role in Global Production Networks (GPN) research (e.g., Coe & Yeung, 2015). An objective economic notion of risk and uncertainty, as well as risk-or-reward-thinking still dominates (e.g., Bryson & Vanchan, 2020). B2 is grounded in the premise that risk is shaped by subjective perception and interpretation processes of relationally connected individuals or a collective of organisational decision-makers. Whether and how risks are perceived influences the reactions of actors and the regime shifts that may be associated with them (Völlers et al., 2023). The organisation of the economy in GPNs and the associated potentially large spatial distance between places of action and places of impact makes it significantly more difficult to perceive the risks associated with one's own actions for oneself and for others. B2 examines this relationship using the example of farmers and their decision to introduce or maintain certain agricultural practices. The envisaged result of this project is not only a contribution to the literature on risk management in agri-food networks and the importance of risk assessment for the sustainability transformation of agriculture but also a further conceptual development of risk in the GPN approach.

## Linkages



- B1: Perception of regime shifts by farmers
- B4: Non-adaptation of regime shifts
- B3 and C1: Knowledge about perception of risks
- A5: Basis for the modelling in A5

## Referenzen

Bryson, J. R., & Vanchan, V. (2020). Covid-19 and alternative conceptualisations of value and risk in GPN research. *Tijdschrift voor economische en sociale geografie* 111(3), 530-542.  
 Coe, N. M., & Yeung, H. W. C. (2015). Global production networks: Theorizing economic development in an interconnected world. *Oxford: Oxford University Press.*  
 Völlers, P., Neise, T., Verfürth, P., Franz, M., Bücken, F., & Schumacher, K. P. (2023). Revisiting risk in the Global Production Network approach 2.0 - Towards a performative risk narrative perspective. *Environment and Planning A: Economy and Space*, 0(0).

## B2. Human activities

### Objectives

The study examines:

- how farmers perceive the risks of their previous farming practices and their (potential) resistance to adopt alternative farming practices,
- what factors influence these perceptions and how these risk perceptions influence their actions with regard to maintaining or changing agricultural practices



Example of an alternative form of agriculture that is currently being investigated in a project by Martin Franz's working group: Agroforestry in Kettelbeck, Netherlands. Photo: Cara Schweer, Osnabrück University

## Scientific Design

Methodologically, the project is based on qualitative interviews and a quantitative survey of farmers. It is envisaged that Northwest Germany and the Netherlands will serve as case study regions.

## Principal Investigator

**Prof. Dr. Martin Franz**

- Geographische Handelsforschung
- Globalisierungsforschung
- Ländliche Entwicklung
- Nachhaltigkeitstransition

