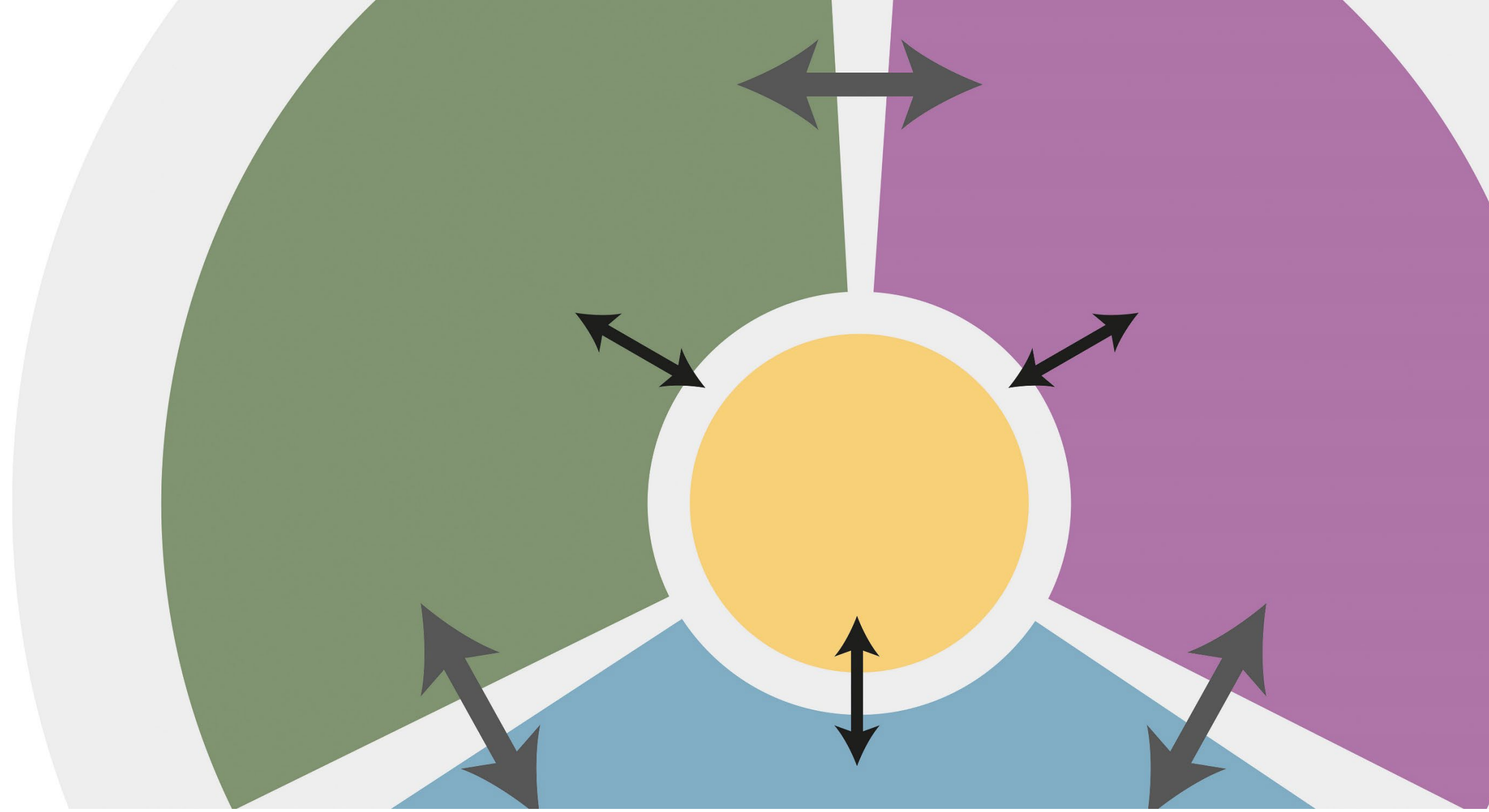


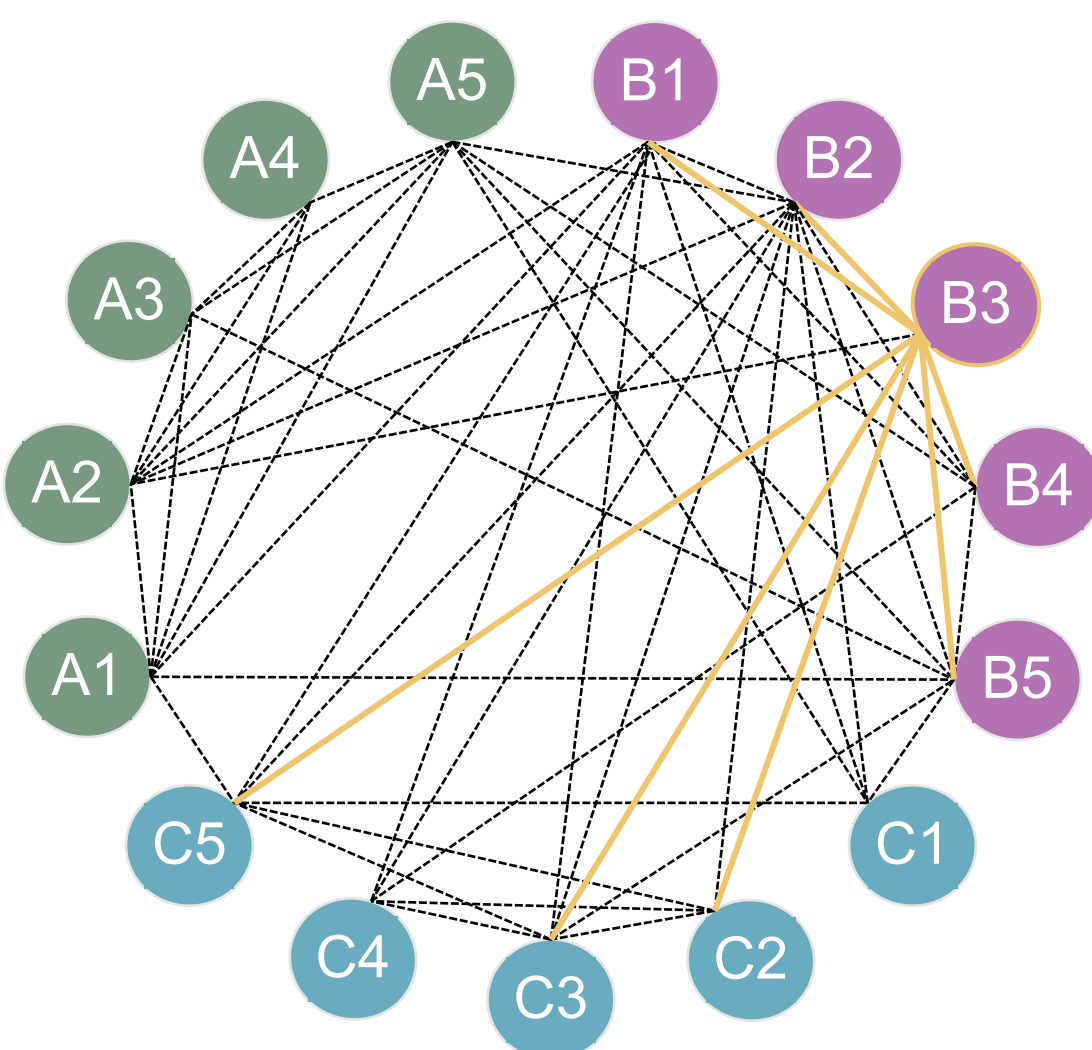
Participatory interventions to foster cooperation in the face of regime shifts and systemic risk



Motivation & Innovation

- Mitigating the risks of ecological regime shifts is particularly challenging in situations where stakeholders are highly heterogeneous and perceive each other as socially/psychologically (often also geographically) very distant.
- Participatory methods (e.g. perspective taking, vision building) and the training of collective action skills can promote inner change (e.g. perceptions of social distance/norms, trust, other-regarding preferences) and thereby address conflict/polarization and build collective action for sustainability transformation.
- Subprojects B3a and B3b contribute to (i) understanding the role of social/psychological distance for the cooperation and coordination in the face of ecological regime shifts, and (ii) adapting and assessing the potential of participatory methods for bridging (perceived and/or actual) distance and inducing inner change that promotes collective solutions.
- The project focuses on the example of sustainability transition in agriculture.

Linkages



- C1, C3 and B2: Identifying and analysing potentially effective intervention options (e.g. for suitable participatory governance arrangements and capacities) and behavioral mechanisms
- C5: Insights on behavioral types and their interactions
- B2, B4, B5, C2: Role of inner factors

References

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B3. Human activities

Objectives

- Overarching research question:** How can participatory interventions be adapted to foster collective action in the face of strong perceived (social/psychological and/or spatial) distance?
- **Q1:** How can participatory methods be adapted online for telecoupled settings, and what are their potential impacts? (*Focus of PhD project B3a*)
 - **Q2:** How can participatory methods impact collective action skills and cooperation and bridge distance among heterogeneous actors? (*Focus of PhD project B3b*)

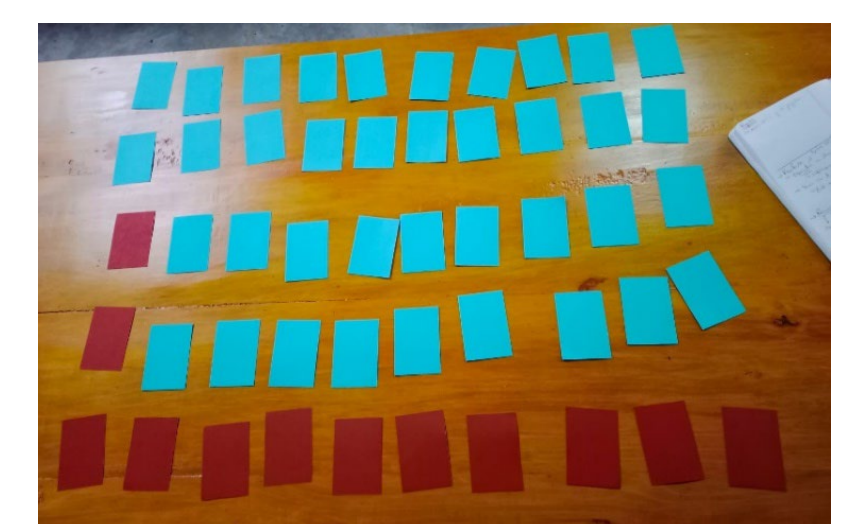


Figure 2. Example of economic field experiment with Colombian farmers in an ongoing DFG project (Fotos: J. F. Ortiz-Riomalo)

Scientific Design

B3a: Development of online tools for participatory processes; online economic lab experiment assessing behavior with and without such processes, connecting students in two different countries (Germany and Uganda).

B3b: Adaptation and implementation of a participatory intervention or skills training with real stakeholders; Impact assessment (e.g. via economic field experiment or before-and-after assessments, involving farmers and other stakeholders, e.g. in South America (Chile, Colombia, and Peru), Europe (Germany, Spain) or Uganda).

Principal Investigator

Prof. Dr. Stefanie Engel

- Environmental & behavioral economics
- Inner dimensions of sustainable behavior
- Land use and ecosystem services

