

The German Longitudinal Environmental Study

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Why an environmental panel study?

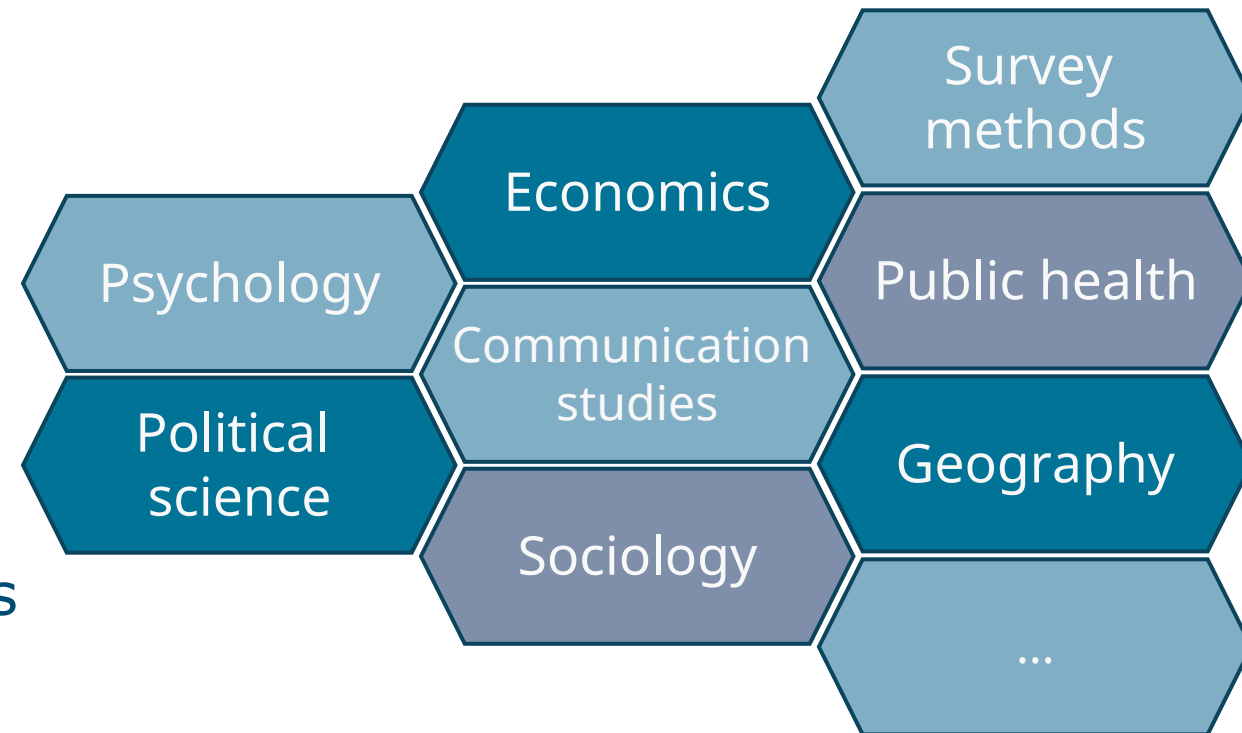
- Environmental social sciences needed for tackling environmental issues & climate change
- Data limitations
 - single items in multi-topic panels
 - cross-sectional studies
 - small studies, convenience samples
 - Project-specific data collection instead of data infrastructure
- GLEN: Interdisciplinary large-scale panel data infrastructure for analyzing the ‚human factor‘ in climate change and environmental issues





Topics & disciplines

- Environmental concern, climate change skepticism, norms
- Environmental behaviors → individual CO₂ emissions
 - Mobility, housing, consumption, lifestyle
- Environmental inequality
 - Physical & mental health
 - Environmental goods / bads
 - Energy poverty
- Policy support, engagement, protest
- Background: socio-demographics, social networks, personality, media consumption, lifecourse experiences



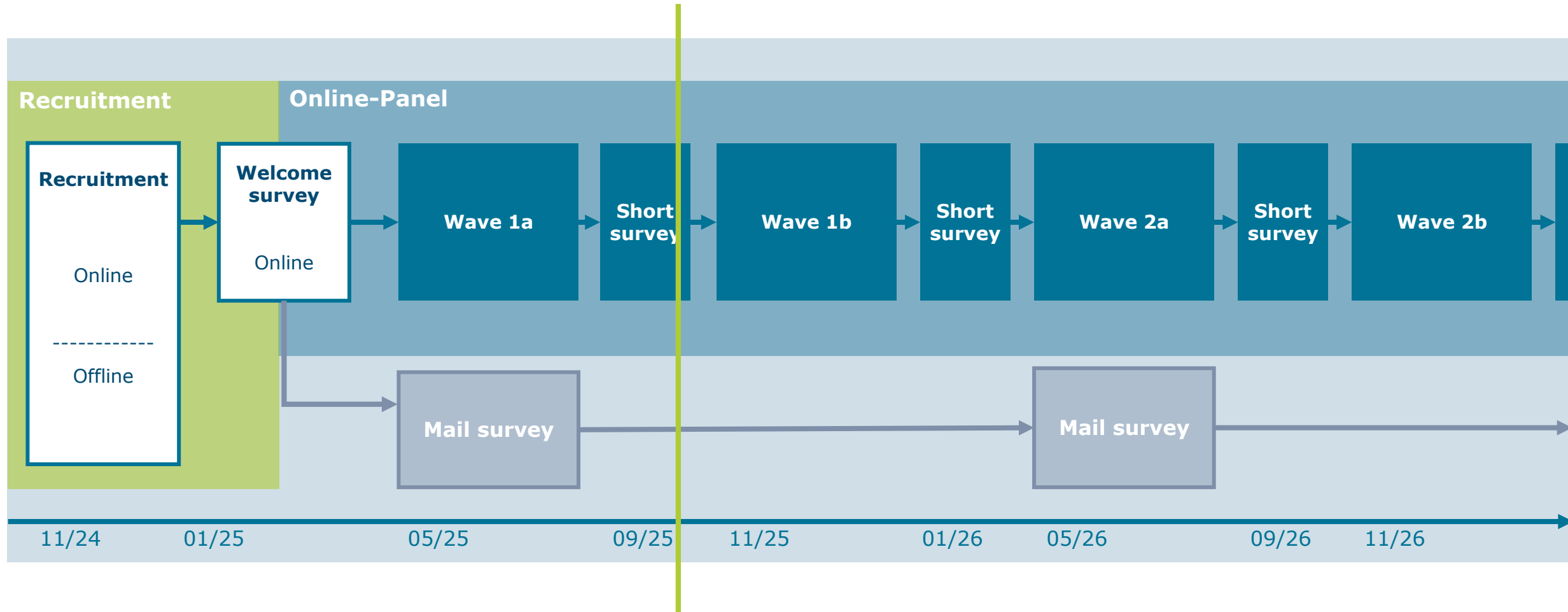


Panel Design

- Nationwide register-based sample:
 - 400 sample points
 - 80,000 adult individuals living in Germany
- Self-administered mixed-mode design
 - Postal invitation to the online survey (November 2024)
+ mail questionnaire with 2nd reminder
 - Up to 4 online surveys per year
spring wave accompanied by mail questionnaire
 - €5 incentive (pre- / postpaid)

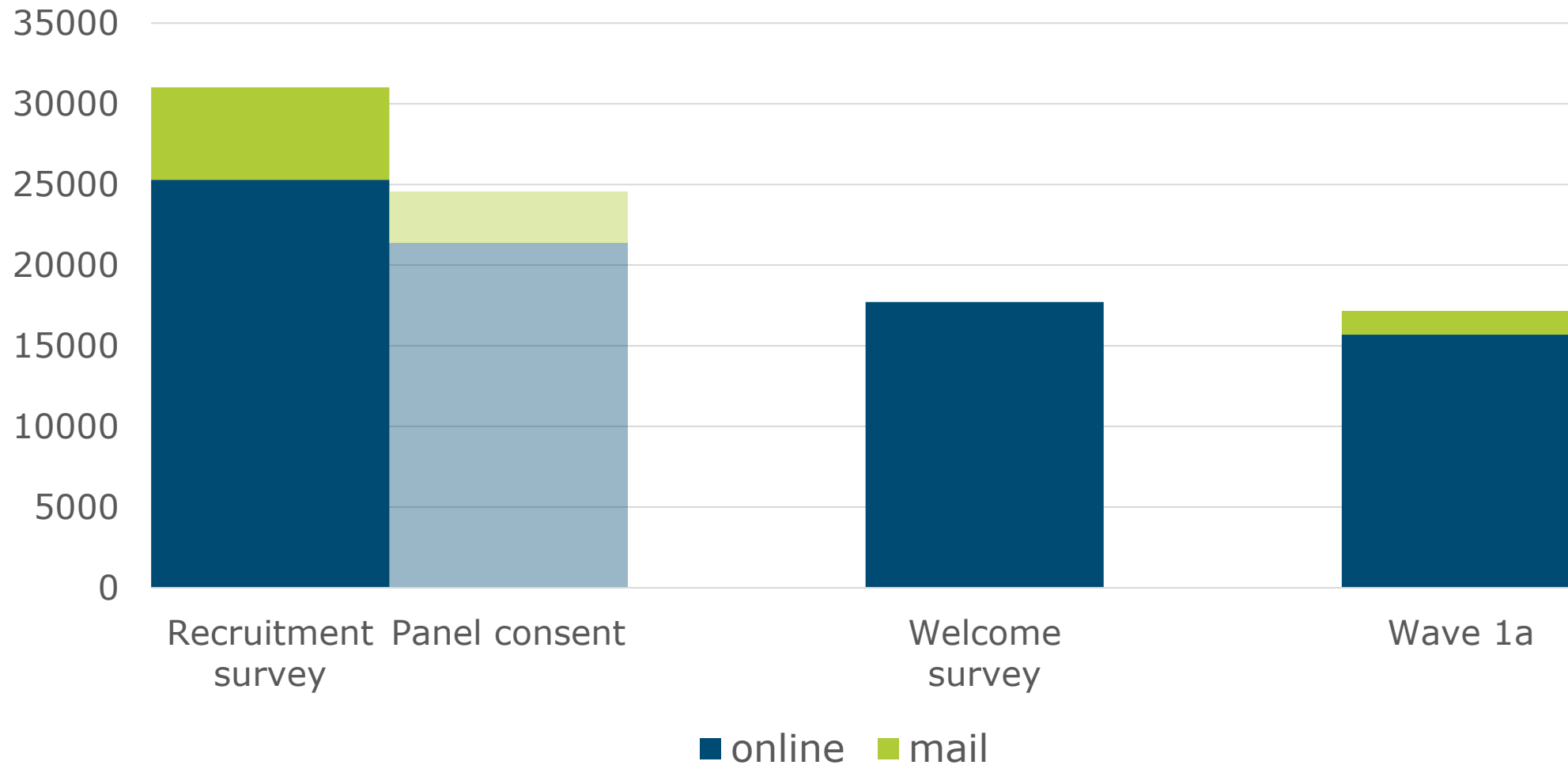


GLEN Design





Field results





Research data infrastructure

- Scientific-use-file
 - High data quality
 - User-friendly documentation
 - Released annually (first: summer 2026)
- Open modules
 - Annual call for modules
 - Also survey experiments, longitudinal modules
- Georeferenced data for regional analyses
→ accessible at RPTU Kaiserslautern



Thank you!

www.glen-studie.de