

### Research Design – Short Feedback

Name	Jakob Berg
Research question	How does digital infrastructure affect environmental performance?
Dependent variable	digital infrastructure (mainly broadband availability)
(Main) Independent variable	environmental performance (mainly country performance as a whole and key environmental aspects like energy consumption and international parcel shipping)
Main Hypothesis/ Hypotheses	<ul style="list-style-type: none"> <li>- broadband availability affects the use of international parcel shipping</li> <li>- internet usage affects energy consumption</li> <li>- (internet access affects environmental knowledge)</li> </ul>
Case/ Cases	121
Research period	2007-2019
Case study/ Statistical analysis	<p>mixed methods, statistical/large-n analyses and small-n qualitative research</p> <p>measurement of dependent variable: parcel shipping per country energy consumption per country</p> <p>measurement of independent variable: broadband availability per country internet access per capita</p>