

Research Project

The implications of Covid-19 for mobility-related energy use and external costs

Third-party funded project

Project title The implications of Covid-19 for mobility-related energy use and external costs

Principal Investigator(s) [Hintermann, Beat](#) ;

Co-Investigator(s) [Schoeman, Beaumont](#) ;

Organisation / Research unit

Departement Wirtschaftswissenschaften / Public Economics / Public Finance (Hintermann)

Department

Departement Wirtschaftswissenschaften

Project start 01.09.2020

Probable end 30.11.2021

Status Completed

We investigate the effects of the Covid-19 pandemic on energy use and emissions in the Swiss transport sector, both in the short and in the long run. The short-run effects will be estimated by means of an existing panel for which we have been tracking individual mobility behaviour since September 2019 and thus have a history spanning the onset of the pandemic. To examine the long-term effects we will carry out a stated choice experiment with a new sample of participants, in which we will estimate likely changes in mobility tool ownership (e.g., ownership of a car or a public transportation pass) as a function of infection rates and the possibility to work from home in the future. The change in mobility tool ownership in different scenarios will be used to compute the long-term changes in energy use and emissions in the transport sector.

Keywords Mobility, COVID-19, energy, emissions

Financed by

Public Administration

Follow-up project of [4496364 Empirische Analyse des Mobilitätsverhaltens mit dynamischen Preisanreizen \(MOBIS\)](#)

Add publication

Add documents

Specify cooperation partners

ID	Kreditinhaber	Kooperationspartner	Institution	Laufzeit - von	Laufzeit - bis
4496397	Hintermann, Beat	Axhausen, Kay, Professor	ETH Zurich	01.07.2018	31.12.2024