

Sommersemester 2019
Bachelor-Seminar zur Klimaökonomik (Climate Change Economics)
– deutsch und englisch – 6 CP

Climate change mitigation in the mobility sector

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Introduction: 8th April, 2019, room and time to be announced
Block: 20th May to 21st May, 2019, room and time to be announced

Given that the mobility sector remains one of the key emitters of carbon emissions and local air pollutants, understanding the uptake of innovations in sustainable urban mobility such as new products (e.g. alternative fuel vehicles, autonomous driving) or services (e.g. car- or ride-sharing, public transport, green tickets) is of major importance to shape future pathways for policy implementation. To foster these green transition pathways on the demand side, possible policy instruments range from command & control measures (e.g. pollution standards, driving bans) over market-based instruments (e.g. road pricing) to softer interventions (e.g. information provision, social comparison campaigns). This course deals with different policy instruments targeting the external effects of mobility by examining recent literature.

In this course, students analyze an economic problem within a topic of their choice, write a paper (about 15 pages) investigating the problem and present their results in the seminar. Papers are based on literature provided in the introductory session. The seminar papers can be written either in German or in English, the presentations are to be held in English. **Working time starts on 8th April and finishes on 20th May.**

We ask you to register via e-mail. Please indicate your field of study, number of semesters studied, registration number and three topics you are interested in. **Topics are assigned on a first come, first served basis.**

Topics

1. Automobile Externalities
2. Fuel-Economy Regulation: Standards and Taxes
3. Including Transport in the EU-ETS
4. Distributional Aspects of Fuel Taxation
5. Taxation and Modal Choice in Commuting
6. Taxation and Vehicle Choice: Misperceived Benefits of Fuel Economy
7. Taxation and Vehicle Choice: Tax Saliency
8. Rebates and Vehicle Choice: Hybrid Vehicles
9. Soft Interventions: Consumers
10. Soft Interventions: Firms