

Announcement of a Master thesis

(with remuneration / 6 months student research grant)

Call for applications

The role of rail transport requirements in waste logistics for a circular and carbon neutral economy

Description

One of the major ecological concerns of our time is climate change, with a circular economy to contribute its share for the transition to a carbon neutral society. In according waste management logistics and transport are a major determinant of the overall environmental balance. A current proposal at the Austrian level suggests required waste transport by rail once quantity and distance thresholds are exceeded. This may be effective, but may also be counterproductive if quantities transported are split or reloaded to circumvent the quantity or distance thresholds.

Objective

The Master thesis is to explore the relevance of various behavioral responses in the waste management sector to a such proposed regulation, to analyse the environmental impact of transport modes diesel-truck, hydrogen-truck and rail in comparison for the waste sector, and draw conclusions on an environmental beneficial incentive system for waste management.

Method

Microeconomic incentive and transport technology environmental impact analysis.

Qualification

- Enrolled in master program in Economics, Environmental Systems Science, Sustainable Development, Global Studies, or a comparable study programme
- Experience in practical economic analysis of advantage
- Solution-oriented, creative, independent and reliable way of working
- Interest in environmental policy instruments and their economic effects

We offer

- Master thesis with remuneration (student research grant for 6 months)
- Collaborative research with waste industry
- Thesis in English or German
- Start at your earliest convenience, duration 6 months

If you are interested, and have further questions, contact: karl.steininger@uni-graz.at

Application: Submit your interest (with motivation letter, CV, grade reports) **by Dec, 8th 2021** to karl.steininger@uni-graz.at, indicating "Application Master Thesis" as subject of the mail.