Master Thesis

Topic: Fostering cooperative urban logistics hubs

Start: Immediately (duration approx. 5-6 months)

Location: Flexible

Supervisors: Thomas Draschbacher and Theophil Kroller

PROBLEM DEFINITION / GOAL:

A substantial share of car traffic in cities is caused by the transportation of goods. Therefore, solutions are necessary that safeguard the supply of urban citizens with goods and services while reducing the negative consequences of urban logistics on citizens' quality of living. One solution is urban logistics hubs, which can reduce the negative impact of urban logistics by 1) increasing transport efficiency, 2) enabling sustainable means of transport, and 3) providing neighbourhoods with services of daily life. Despite their obvious potential, many urban logistics hub projects failed to achieve an actual positive impact, because they overly stressed technical issues and failed to create conditions that incentivize actor participation. Consequently, the goal of this master thesis is to investigate into potential business models, organizational forms and policy instruments to foster actors' participation in urban logistics hubs.

TASKS:

- Conduct a literature review to gain a deeper understanding for the topic
- Develop a guideline for semi-structured interviews to better understand different stakeholders' perceptions of previous pilot studies for urban logistics hubs
- Conduct interviews with stakeholders in Austria
- Analyse data and give recommendations

Requirements: good German language skills; courses General Management and Organisation, Business Model Management, and Technology Management desired but not mandatory

Field of Study: preferably Mechanical Engineering and Business Economics, Production Science and Management, or Software Engineering and Management

More information: thomas.draschbacher@tugraz.at, theophil.kroller@tugraz.at

Curious? To apply for this master thesis, please send us your detailed application (CV & Transcript of Records) via e-mail. We are looking forward to your application!