At the Chair of **Logistics and Supply Chain Management** of TUM School of Management we are looking for an interested and qualified student to conduct his/her **Bachelor Thesis** on the theme:

**Benchmarking of City Logistics Initiatives using Data Envelopment Analysis**

Due to the increase in freight transportation and environmental pollution, numerous large cities around the world introduced “city logistics projects” or “urban logistics projects”. Such initiatives aim at improving the movement of goods within inner-city limits and ultimately the life quality of citizens. However, the outcomes of such projects are mixed.

The thesis seeks to measure the efficiency of city logistics projects in order to identify best practice and to provide a ranking of projects. As a well-known instrument to measure efficiencies, the data envelopment analysis shall be applied as a promising method. Input and output parameters for the method are to be collected from scientific articles, online resources, city authorities etc.

**Selected research tasks:**
- to describe the data envelopment analysis
- to perform an analysis on relevant literature
- to collect and filter input and output parameters for the benchmark instrument
- to reports and discuss findings

**Requirements**
This Bachelor thesis is particularly suitable for a Logistics & Supply Chain Management student. The student should have an interest in applying empirical research to a state-of-the-art challenge in urban logistics. The thesis shall be written in American English.

**Begin:** June 2014

**Advisor:** Dr. Martin Stößlein (martin.stoesslein@tum.de)

For further questions and selected literature on the topic, please see me in room 1569. Please send your application together with your curriculum vitae and transcripts of records by email.