At the Chair of **Logistics & Supply Chain Management** of TUM School of Management we work on:

**Project Study**

in cooperation with a worldwide acting forwarding agency:

**Optimizing the Truck Processing**

**About the client:**
The German based company deals on the one side with the delivery of beverages and on the other hand with the buying, sorting and reselling of empties. The shipping is done via trucks and containers and the customers are placed mainly in Europe but also all over the world.

**Problem situation:**
The company is facing their limits on a stock location close to Munich. The team shall analyze the processes to find the bottleneck at this location. After that the team tries to recommend improvements on the current procedures to get more capacities. Because of the company's plans to increase the shipping volume at this location, the team shall find potential optimizing possibilities and recommend investment strategies for the future.

**Key project tasks:**
- to evaluate the actual state
- to build a model by using Arena Simulation Software
- to interpret the results of the simulation and optimize the processes
- to prepare presentations and final reports

**Requirements:**
The project study is for students of the study-program TUM-BWL. Qualified candidates have a major in Supply Chain Management. The ability to work independently as well as analytical skills are required. Knowledge in modelling, optimization and simulation is helpful. The report should be written in English.

**Begin:** November 2012

**Advisor:** Pirmin Fontaine (pirmin.fontaine@tum.de)