At the Chair of Logistics and Supply Chain Management of TUM School of Management we are looking for an interested and qualified student team to conduct his/her Project Study on the topic:

**Network Design for Munich**

Munich is facing more and more car traffic in the city center. Therefore, this network should be extended by renewing old streets and adding or removing one-way streets. The basis of models which investigate possible extensions and changes in a network is the graph of the network. In this thesis, the student shall design a graph which represents the main network of Munich using NeXTA (Network EXplorer for Traffic Analysis). As the complexity of models is related to the size of the graph, different abstraction levels should be designed.

Furthermore, the student shall analyze possible demand flows in the network to identify bottlenecks in the network using the NeXTA.

**Selected research tasks:**
- to be acquainted with NeXTA
- to design a graph which represents the city of Munich
- to analyze the designed networks

**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. The thesis should be written in English.

**Begin:** ongoing

**Advisor:** Pirmin Fontaine

**Application:** Email with curriculum vitae and transcripts of records to logtheses.wi@tum.de