**FRAUKE HEIDEMANN:**
**„Abschätzung von Verkehrsaufkommen – Grenzen der Genauigkeit"**
Bachelorar Thesis at the subject area Traffic and Transport, Hochschule OWL, Detmold 2016

## Abstract

A community reports a resettlement as a settlement area, for instance a residential area, or as an individual construction, for instance the resettlement of a construction market. Concerning the development planning, not only the award of the execution of construction work, but also the estimation of the traffic volume is highly significant. Therefore, the development of every construction project is paramount and needs to be proved. The proof of the development of transport is carried out by the traffic planning office. They estimate the traffic volume by means of traffic models and for instance, empirical data. The estimated data will then be used for the calculation of the capacity of traffic facilities. However, this data will not be verified on the basis of traffic counts.

This bachelor thesis collects real data of the traffic volume of four different construction projects which have already been successfully realized. In advance, model-based estimations have been made by using the program "Ver_Bau" (Estimation of traffic generation through projects of urban land - use planning).

With regard to the traffic volume, the division of the current traffic volume, into the following five parts, needs to be taken into account:

1. The motorized private transport,
2. public transport,
3. commercial transport,
4. pedestrians and
5. cyclists.

Then the collection of the real data will be compared to the forecasted data. Based on the comparison of both types of data, the program "Ver_Bau" will be interpreted carefully.