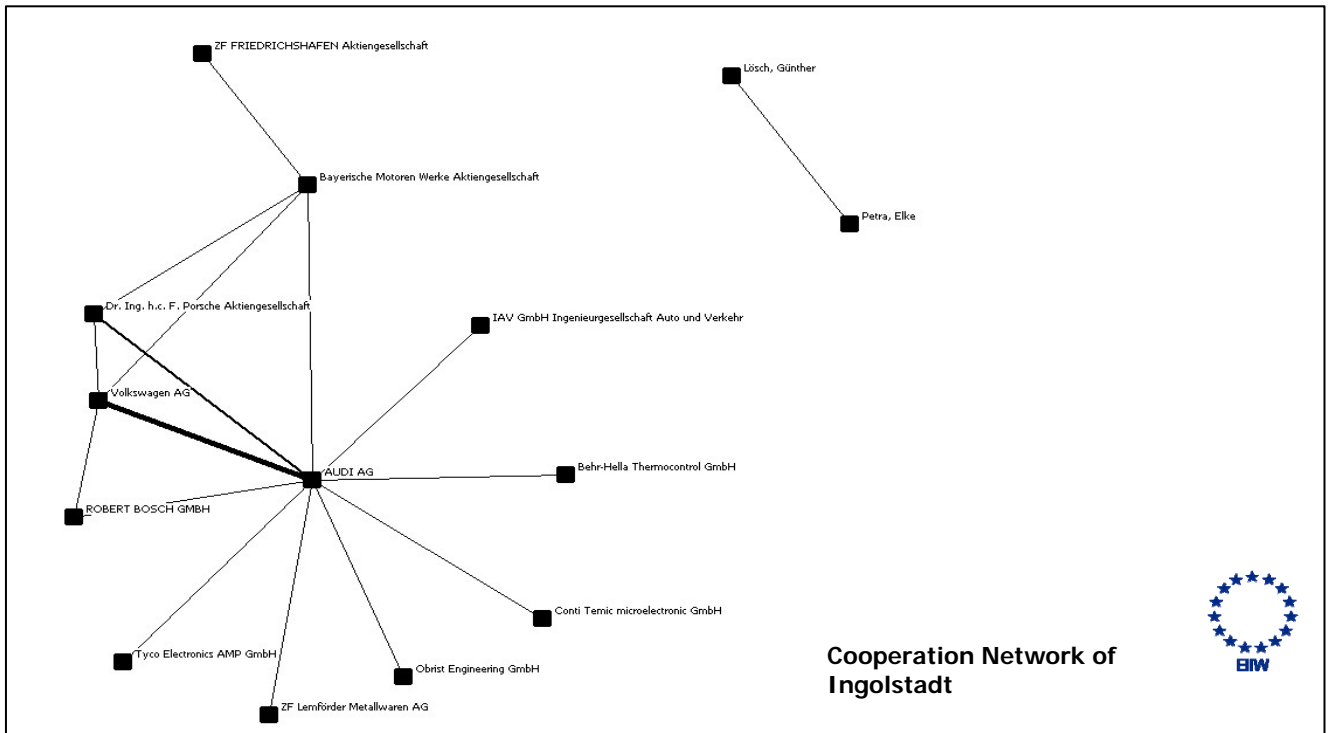




EIIW News Social Network Bulletin 2010



Social Network Analysis:

The automotive sector is one of the most important sectors of the German economy. Many industries are also confronted with increasing Globalization and Structural Change. Mainly the Automotive Industry is situated in a restructuring phase. Due to the fact that a lot of people are employed in the industry and that there is a strong concentration of that branch in single locations implement that a restructuring can decide about the rise and decline of a region.

The figure above shows a cooperation network of patent applicants. In Ingolstadt you can find the headquarter of the Audi AG. The Audi AG is the central applicant of the network (star) but there are also a lot of other big OEMs like Volkswagen, Porsche and BMW. These actors have active research cooperation links (ties) to the Audi AG.

Vol Social Network Analysis:

The figure above shows a Cooperation Network of Ingolstadt (time period: 2000 – 2007). The cooperation of applicants implies that at the time t two applicants are listed on one patent. In that case, we assume there exists a research cooperation. We specially take a look at the innovation dynamics in the automotive industry.

Analysis:

