

Global production networks in Czechia in the case study of aircraft industry

This thesis is dedicated to aircraft industry in the Czechia. It uses a relatively new concept of global production networks (GPN), which examines functionally integrated but geographically dispersed production networks. The aim of this work is to show how are the Czech companies involved in the global division of labor. Almost a quarter of manufacturers in the aircraft industry is able to participate in global production of aircraft, although at lower levels of the supply chain. In addition to this production, there is production of small and ultra-light aircrafts, which achieves international reputation. In this manufacturing sector there are companies producing basic components and also throughout the aircraft. The biggest influence on, what tier companies are, is the age of company and in the case of companies involved in the production networks of large aircrafts also foreign ownership and size. In case of companies producing small aircraft it is tradition and experience than the size and ownership. The capacities of research depend on the position of company in the firm hierarchy. Most companies are suppliers of several firms and they are also involved in the production in other sectors. Very important institutional support in Czechia is relatively fragmented, but despite that it achieves results in the research and promotion of aircraft industry abroad.