

Development of a future-oriented toolbox for controlling external manufacturing service providers in decentralised supply chains

Nowadays, hardly any company is able to manufacture its products completely in-house. Even industry leaders such as Apple, Redbull, Novartis etc. are dependent on external manufacturing service providers to meet customer requirements. But how to control parameters such as time, costs, quality and innovation after outsourcing the production to an external service provider?

The aim of the thesis is to develop a comprehensive toolbox of methods with which brand-leading companies can manage and control the manufacturing of their products across company borders. Specific methods can only be used effectively in certain scenarios and should therefore be presented as factsheets in their appropriate application context.

The thesis is grounded in supply chain management, (interorganisational) management control systems and relevant megatrends such as digitalisation, neo-ecology and knowledge societies



Contact

Tim Brandl, M.Sc.

+41 71 224 7158

mail: tim.brandl@unisg.ch

Please enclose your application documents with your enquiries.

Requirements

- Advanced studies at the HSG (Master's level)
- Interest in supply chains and controlling
- Methodological and didactic interest and experience
- Structured working method and high motivation

General conditions

- Start: immediately
- Language: German or English
- The work should be completed within a maximum of 6 months
- The thesis is worked on in close cooperation with the supervisor (regular exchange / dates)