

The objective of this Master thesis was to find out how to combine SCOR model with Lean and Six Sigma in order to improve supply chain efficiency. To reach the purpose and provide conclusions for this Master thesis, the author has used qualitative research strategy and case study approach. The case study was conducted to describe the practical usage of previously described tools based on the example of ABB Ltd. The option of a survey was not applicable to conduct among the Estonian production companies due to the lack of organizations using combined approach of these tools in their business model.

Based on the scientific literature analysis combined with the results of the author's practical use in selected ABB Wind frequency converter's supply chain, the author provides multiple possibilities to use the combination of SCOR model, Lean and Six Sigma in order to increase supply chain efficiency.