Analysis and evaluation of automation concepts for toolmaking

**Approach**

- Consideration of the automation requirements
  - Discussion and analysis of the relevant requirements for automation in toolmaking (e.g. technologic inspection)
  - Analysis of data and information flow within industrialized tool manufacturing
  - Identification of potential problems with regard to implementation and interfaces

- Development of a selection process for an automation hardware
  - Development and definition of a process for the selection of suitable automation hardware, considering technological and economic aspects
  - Realization of a costing tool for assessing investment alternatives taking into account monetary and qualitative factors

**Result**

- Overview of automation concepts in toolmaking considering technological and economic aspects