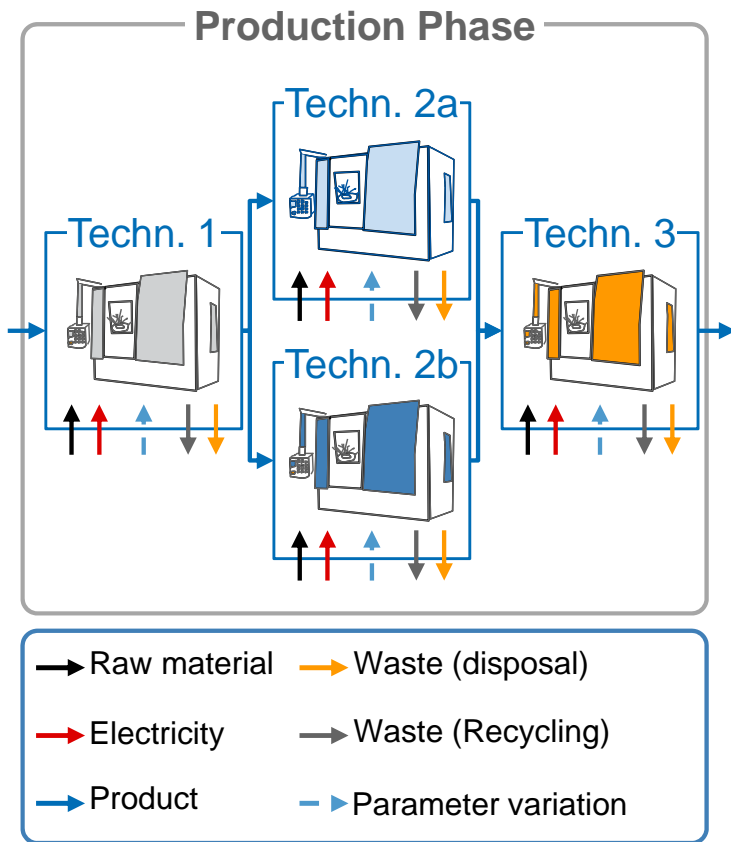


# Product Life Cycle Oriented Evaluation of Manufacturing Processes



Supported by:



## Goals

- Development of a methodology for the evaluation of the Life Cycle Assessment of manufacturing processes over the manufacturing and use phase using the example of end mill production

## Procedure

- Definition of the scope of the examination and the functional unit
- Development of an information maturity model to take into account the uncertainty of the information used
- Development of a methodology to determine the influence of manufacturing process parameters on component functions
- Development of a method for determining the life cycle assessment of cemented carbide end mills in the manufacturing and use phase
- Development of an integrated target system and derivation of a structural model for the evaluation methodology

## Results

- Methodology for the evaluation of the Life Cycle Assessment of manufacturing processes over the manufacturing and use phase using the example of end mill production