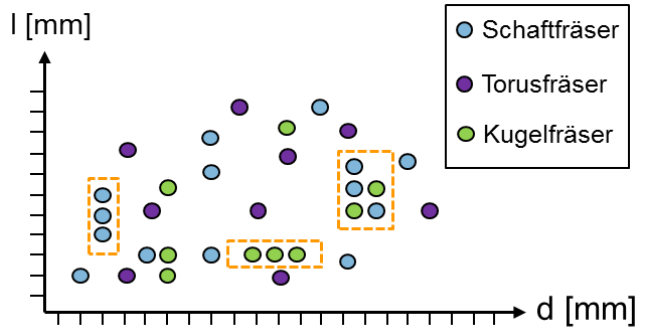
Execution of a portfolio and lifecycle analysis for milling tools

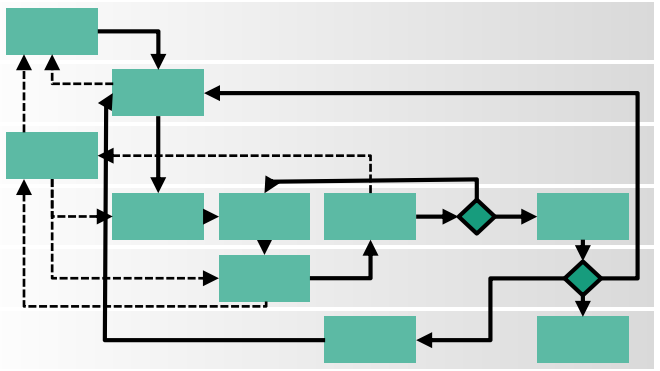
Approach

- Milling tool standardization
  - Determination of all milling tools listed in stock and allocation of essential technological and economic parameters
  - Proposals for adjustments of the milling tool portfolio and exemplary calculations of alternatives to “high-runner" milling tools

- Milling tool life cycle
  - Documentation of the tool life cycle with the modeling language aixperanto
  - Comparison of the tool lifecycle with partner companies as well as identification and discussion of weaknesses
  - Derivation of an ideal life cycle as well as the development of practical solutions for implementation

WBA WERKZEUGBAU AKADEMIE





Result

► **An ideal lifecycle for milling tools to support companies in process standardization and consolidation of milling tool portfolios**

© WZL/Fraunhofer IPT

Fraunhofer IPT

WZL | RWTH AACHEN UNIVERSITY