



D1.4 Simulation scenarios and preliminary KPIs assessment - II

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Executive Summary

This deliverable reports the assessment procedures that were implemented within T1.2 “Manufacturing environment and workload modelling” for the preliminary evaluation of the Key Performance Indications (KPIs) derived in T1.5 “Definition of performance indicators for assessment”. Those procedures include the design and development of digital models representing SHAREWORK’s envisioned Human Robot collaborative assembly cells. The developed models will be used for the operational verification of the conceptual layouts and the calculation of KPIs. This documentation starts by enlisting the metrics that will be evaluated in this report. It continues with the description of the tools that used for assessing those metrics per use case and summarizes with conclusions and aspects that development work packages need to consider.