DEVELOPING A CONCEPTUAL FRAMEWORK
FOR PLANNING RAMP-UP COSTS

Due to the fact that an efficient execution of production ramp-ups strongly impacts the economical success of a new product, ramp-up management shifted into the centre of scientific and practical interest in recent years. Despite great efforts, many important problems could not be solved so far. One of the unsolved problems concerns the planning and controlling of ramp-up costs. Up to now ramp-up costs are often insufficiently planned and controlled. Adequate methods and/or instruments are still missing. In this contribution we develop a key metric system to improve the planning of ramp-up costs by reducing complexity within the ramp-up planning process and increasing transparency. We demonstrate how this key metric system can be systematically built. Used consequently, this approach helps to increase the quality in planning ramp-up costs as well as the planning reliability.

Keywords: Ramp-up Management, Key metric system, Cost planning, Cost analysis