Abstract:

Life cycle costs are mainly defined by the early phases of the life cycle. With the need for longer usage time and a more environmental conscious society, the final phases of the life cycle are gaining in importance. Many methods and tools (e.g. Sustainable Product Development) address sustainability aspects in these late phases. The intention of this paper is to identify how these methods take into account the early planning of products and how companies are affected by reoccurring, cyclic utilisation of these methods and tools. Through analysing different methods for reoccurring procedures and discussing them with companies, it can be stated that endof-life requirements should be implemented systematically considering multiple projects and that planning processes of companies are missing this opportunity for better results by means of omitting implementation of the analysed methods in the early planning.

Stichworte:

End-of-life; Early planning; Product life cycle; Reoccurring cycles; Integrated product development; Sustainable development costs
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- Einrichtungen > Fakultäten > Fakultät für Maschinenwesen > Institut für Mechatronik > Lehrstuhl für Produktentwicklung (Prof. Volk komm.) > Konferenzbeiträge
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