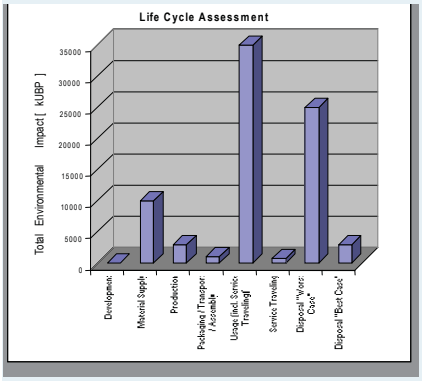
Managementsystems

Life Cycle Assessment



The environmental impacts of a product are evaluated in a life cycle assessment. This involves the systematic recording (kg or kWh) of all matirials and energies that go into the individual stages of a product as well as all products and wastes emitted during the life phases. An ecological appraisement process then indicates how critical the individual material or energy flows are for the environment. A Life Cycle Assessment can provide your company with a sound basis for decisions on improvement measures in productrelated environmental protection.

With reference to the life cycle assessment, decicions can be made as to which measures bring the most ecological and economic benefit and what potential is available in which phase of the product life cycle.

Benefits

- Well-founded bases for management decisionmaking
- Highlighting of potentials for the reduction of costs and environmental impacts
- Verification of the type and extent of productrelated environmental impacts (marketing argument)

Content

Sequences in the compilation of a Life Cycle Assessment:
denkstatt can provide consulting and expert support for the following sequences:

- Implementation of a material flow analysis with systematic data collection, tabular/ graphic processing and evaluation with denkstatt tools
- Implementation of the optimum ecological evaluations for the product (adaptation to the requirements of the parent group), graphic processing and analysis of the results
- LCA report
- Formulation of a strategy for product-related environmental protection based on the results. Identification and implementation of goals and measures

References

- Funder Industrie GmbH

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