

Theoretical and practical introduction to Life Cycle Assessment

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Optimization of system and products are generally perceived to be of mainly of technical and/or economic origin, environmental optimization of systems, services and products is however also possible by application of e.g. ISO standardized methodologies. In this seminar the focus is on quantification of environmental performance of systems, services and products and hence the quantification of environmental performance parameters in accordance with ISO 1404X standards. The seminar will introduce Life Cycle Assessment and how this methodology can be used to assess and hence to quantify the environmental performance of systems, services and products. In addition the seminary participants will be introduced to practical simplified product system modelling and hence how environmental performance indicators can be derived and used to compare similar services provided by quite different systems and thus how the provision of can be environmentally optimized.