

Abstract

The consideration of ecological aspects in industrial production procedures is becoming an increasingly important subject. The main target of each entrepreneur should be the continual improvement of the Environmental Performance especially as requested by the standards.

The subject of the 3rd CIRP seminar is the consideration of the ECO-Performance as an entrepreneurial opportunity. By the ECO-Performance we mean the effectiveness and the efficiency with regard to the ecology and the economy. The assumption of the improvement for the ECO-Performance is an Environmental Management System. Furthermore, strategies and instruments for sustainable product and process development must be established. On the other hand this creates the description and assessment of products and processes with reference to the ecology and economy.

Organizational changes in the procedures are necessary in order to implement the environmental aspects in the development phase. For communicating environmental information to internal and external stakeholders a user friendly Environmental Information System is necessary.