

Half is enough

An introduction to Cleaner Production



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„Half is enough“ is a brief guide to Cleaner Production. Cleaner Production is a preventive, company specific approach to optimize the organisation and technology of manufacturing processes in a broader sense. The goal is to minimize waste, reduce emissions, reduce the consumption of water and energy to improve the efficiency of these processes.

The strategies used are good housekeeping, improved product design, change of raw materials, improved technologies, recycling. This approach guarantees minimisation of waste and emissions and at the same time economical savings.

„Half is enough“ illustrates the logic behind Cleaner Production and shows steps how to implement it on a company level. „Half is enough“ is also a workbook: it includes a set of forms to guide through the analytical steps of a Cleaner Production project and the option finding process and references and links to international benchmarks and information on best available technology.

From the broad experience of the authors in consulting enterprises and establishing Cleaner Production programmes, a number of examples are demonstrated, which illustrate, that a significant reduction of waste, emissions, waste water and energy consumption can be implemented improving at the same time the quality of products, the productivity, and the profitability of an enterprise.

Cleaner Production at the same time is recognized as the basic of best practice for sustainable management to reduce emissions from manufacturing processes by renowned international institutions like the United Nations, and the European Union.