



The challenge

The optimisation of material and energy consumption is an important target of internal environmental policy. Significant potential for ecological and economic improvements in operational procedures is possible and can best be realized through co operation with other companies.

The solution

Okopol shows the way to establish a network of material and energy flow to improve efficiency. The methods have been adopted in diverse cases with proven results.

Optimisation of material and energy flow

Recognition of synergy - Potentials for conservation

Results

Okopol identifies potential for co-operation among companies concerning material and energy flow to optimise these flows. Waste material of one company can be raw material for another company. Moreover, companies can dispose of waste material jointly, thereby optimising sorting as well as saving costs. Waste heat from one company can be used by another company.

Examples of Potential Optimisation:

- Shared logistics for common routes of transport and raw material
- Sharing waste collection
- Finer differentiation of wastes
- Joint waste management strategies
- Shared contract negotiations with disposal services and utilities
- Interlinked energy systems
- More efficient use of raw and waste materials