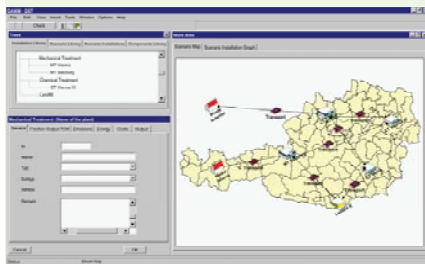




Waste & Resource Management

Computer Based Waste Management Tool - (WMT)



The computer based „Waste Management Tool“ was developed from Denkstatt to provide objective decision support for questions concerning designing and optimising waste management systems under a sustainable point of view. In the past we used it for example to support assessment of measures of the Austrian landfill directive and the optimisation of beverage packaging quotas as well as the optimisation of collection and recycling of plastic waste. With the AWM decision support tool spatial enclosed systems like towns, regions as well as whole countries can be reproduced and assessed concerning material flows and element flows, energy demands and created energy and also overall economic costs.

Goals/Background

- Objective assessment and optimisation of waste management systems
- Security in decision making
- Evaluation of legal guidelines and regulations

Procedure

- Offer including concept, timetable, structure and costs of the project
- Identification of the system and design of scenarios
- Investigation of data, creation of new and not existing figures
- Computer based simulation of scenarios modelled
- Interim report with analysis
- Identification of additional parameters or questions together with the customer
- Adaptation, simulation and assessment of scenarios
- Complete analysis and final report
- Presentation of results, workshops, publications

Benefits

- Security in finding decisions
- Objective assessment of different alternatives of a system
- Optimising of waste management systems
- The cheapest way to reach legal and ecological goals
- Cost effective implementation of directives
- Basis for communication processes and structured opinion forming (e.g. strategic environmental assessment)

Why denkstatt

- Because we have got more than 10 years of experience in modelling waste management systems
- Because AWM decision support tool is not only unique in Austria
- Because we give enterprises good and successful advise as well as authorities
- Because our performance is objective and independent
- Because we permanently keep on working on optimal solutions for our customers

Selected References

Municipality of Vienna, European Commission - DG TREN, Federal Ministry of Economics and Labour, Ministry of Life, Government office of Styria