

OPTIONS FOR DISPOSING DIAPERS

Disposable nappies are usually delivered within the residual waste to a residual waste incineration plant. Contrary to common practice the Waste Management Association Hartberg collects the nappies separated from residual waste due to the special collecting system in the domain of Hartberg. The innovative procedure enables the use of other treatment options and makes further recovery possible. It allows for an expansion of the existing mechanical treatment plant into a biological processing system facility. The biological treatment envisages a mixed processing of disposable nappies and the screenings of residual waste.

The **objective** of the whole working process aims to find more accurate assessments on the planned nappy treatment.

The **results** facilitate new opportunities in economic and environmental considerations for the Waste Management Association Hartberg.

The **conceptual framework** of the case study is the Austrian Landfill Ordinance which came into force in 2004. All waste has to be subjected to a special treatment before being landfilled. The method applied includes a special approach of sensitivity analysis.



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