

# Michaelis Waste to Energy Systems: Cost Reduction for Waste Disposal and Energy

The basic conditions for an own waste energy system have been changed in the last months:

- Waste disposal is no future-safe measure
- the prices for the industrial waste disposal will increase
- The big central waste incineration plants are not interested in taking over waste of a high calorific value as therewith the incineration capacity is reduced
- The energy prices for gas and oil are heavily increased and will probably stay on a high level



For more than 50 years Michaelis builds individually adapted waste incineration plants for the industry.



Verbrennungsofen

The following items are considered:

- Waste management and waste pre-treatment
- Waste incineration with the optimal furnace system
- Heat recovery for generating process steam, hot water, thermal oil and connection to the company's network
- Heat recovery for generation electric power
- Gas cleaning system in compliance with the modern environmental regulation, adapted to your company



Mobile Containeranlage

Considering the current economical conditions the return of investment for a "waste to energy system" is 3 to 5 years

Your energy supply costs become future-proof calculable.

The profitability is further improved if your waste has high energy content and the generated process steam, hot water or thermal oil can be used in your company.

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Beginning with a certain plant size an electrical power generation will be profitable.

An incineration system with a flue gas cleaning system can also eliminate other emissions, e. g. VOC.

**An own „waste to energy system“ has advantages:**

- Disposal certainty for your industrial waste
- Calculation certainty for the energy costs
- Solution of emission problems

**Michaelis offers you:**

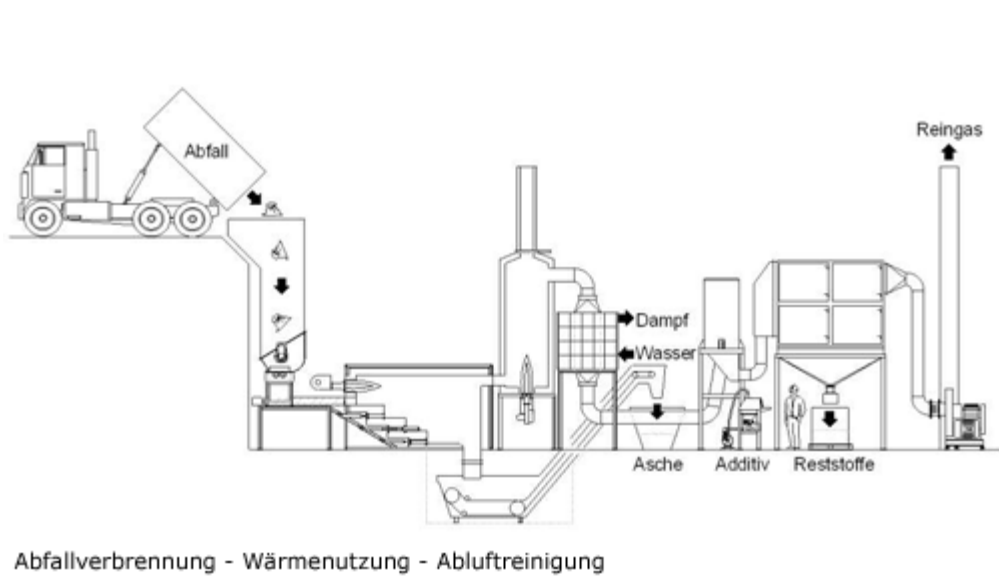
- Incineration systems from 200 up to about 200.000 kg per day
- Combination with the optimal heat recovery
- Individually adapted gas cleaning system

**Contact us!**

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