

## Sustainable Solutions for a clean Environment

### Waste to Energy

#### Experience and Competence in Environmental Technologies

Engineering, consulting, supervision and start-up for waste and biomass incineration plants  
Basic engineering, detail engineering, delivery of technology components and supervision of production, assembly and start-up for fluidized bed incinerators for fuels such as waste fuels, biomass and sewage sludge and dry, semi-dry and wet flue gas cleaning plants



### Water & Waste Water Technologies

The ECEXA partner is an Austrian-based manufacturer of water treatment plants and supplier of equipment parts (i.e. pumps). We have great experience in **water technologies from wastewater treatment to potable water production** and have delivered plant solutions for hotels, island resorts, hospitals, municipalities or industries on coastal areas as well as in mountain regions. We provide state-of-the-art technology and high-quality products and supply solutions tailored to the specific needs of our clients. Our reference plants and successfully-operating and trouble-free equipment can be found in countries such as the Maldives, Croatia, New-Caledonia, Oman, the Philippines, Austria and many others.



#### What you can achieve with us

- Sustainable and economically sound solutions for environmental problems which are custom-made to the actual needs, and can be independently operated by the client.
- Improving sanitation and hence protection of environment
- (soil, water, air) through locally appropriate treatment of waste.
- Reduction of both residential and industrial waste
- Transforming secondary resources to recycled materials which can be traded or reused, e.g. composed material for fertilizing arid soils.

## Medical waste

Our special microwave steam method transforms infectious waste within 10-30 minutes in environmentally friendly household waste.

During the disinfection process all bacteria of resistance stages I to IV will be devitalized, so all types of viruses, vegetative bacteria such as E. coli, staphylococci, anthrax and typhus pathogen spores of the anthrax bacillus, as well as parasites and fungi of any kind.



Viruses and bacteria cannot get into the environment

## Water Well Services

Our company is specialized in self-regeneration / maintenance / refurbishment of existing wells when capacity decreases over time inevitably. Also new wells often have not the output, what was actually expected / planned. We deal with this type of problems and offer customized solutions.

The main technique we use is called "pulses", a method of well rehabilitation, especially to increase capacity (we have clients where the fountain capacity has been increased by up to 400%).

- (1) compressor or compressed-air bottles
- (2) electric powered generator
- (3) electrical hose reel
- (4) control unit
- (5) tripod with guide roller and depth counter
- (6) compressed-air hose
- (7) pulse generator
- (8) submersible pump
- (9) filter pipe with gravel
- (10) aquifer

