

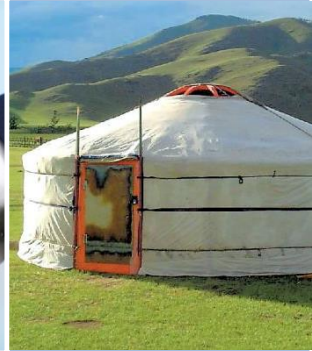
ENVIRONMENTAL TECHNOLOGIES AND SERVICES 2018

KEMIA GMBH
VIENNA, AUSTRIA

www.kemia.at

Our strengths

Managing
Director
Dr. Laszlo
Kondor



Reliability

Fair deals

Pragmatic
approach

Professional
service

Worldwide
network of reps

KEMIA
GmbH
has
been
serving
its
clients
and the
environ
ment
since
1991

Waste water recovery, water pretreatment

Our massive presence in the water sector is related to:

- Pretreatment of boiler feed water and power plant feedwater
- Zero emission industrial waste water purification
- Waste landfill leachate water purification
- Mobile military and emergency drinking water cleaning containers
- Desalination and preparation of irrigation water



Cleaning of water pipelines

Novel method of pipeline pigging by bio-degradable HYDRO-GEL

New: Gas pipeline pigging by HYDRO-GEL = precomissioning, maintenance

Using the environmental friendly Hydro-Gel technology we can easily, effectively and economically remove the waste materials deposited inside the water pipeline or adhering onto the inner wall of the pipes. Both for communal and industrial pipelines.



Landfill establishment, maintenance, leachate water purification

Our scope of activities:

- Storage pools of landfills and leachates
- Composting plant leachate storage pools
- Slurry containers at animal farms
- Fire water basins
- Construction and insulation works of technological reservoirs
- Insulation against groundwater pressure and ground vapour

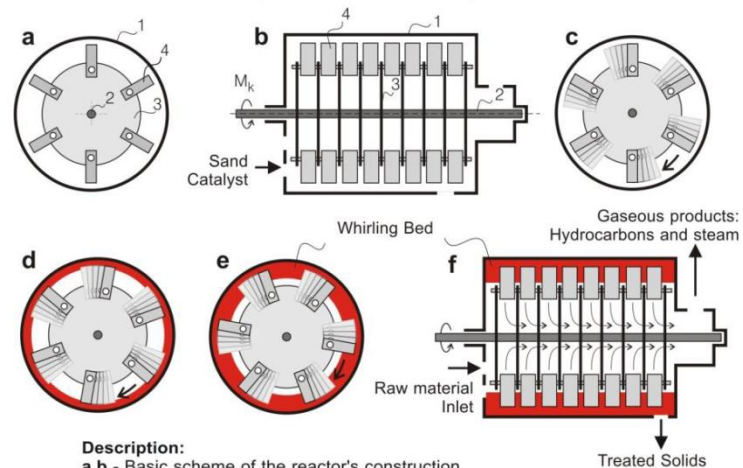


Oil sludge resource recovery

Crude oil recovery from oil sludge lagoons, oil tanks and ships

Converting used lubricant oils, heavy oils and oil sludges to fuel oil by Foxoil blowing decomposition technology

Principle of the process & reactor BLOWDEC function



GasiFlex 50 – biomass gasifier

- Built into a 20 ft container
- Unique „3-in-1” solution of a robust gasifier, a co-generator and a dryer
- Input material: quality tolerant woodchips
- Energy balance: 49 kg woodchips of 30% moisture => 49 kWhe & 85 kWht
- Fully automated, remote monitoring
- Fast installation and start up



ECOFEIN MSW gasification

The ECOFEIN™ Advanced Sequential Batch Gasification Technology can process an exceptionally wide range of waste categories and is especially useful to process waste materials which are difficult to recycle/process by other methods. Very little pre-treatment of the wastes is required, only breaking up the bulkiest is a must. The ECOFEIN™ technology reduces waste volumes by about 95%, while liberating significant thermal energy which can be recovered in an energy recovery system to produce useful energy for electricity production and/or district heating or industrial use. The technology is therefore ideally suited for Energy Recovery Facilities (ERF) and it is typically very economical, even on relatively small scale.



Waste steam utilization

S2E Steam Microturbine is your ultimate solution to reach two targets by one intelligent machine: creating energy from waste steam sources and reduce carbon emissions. Our S2E steam microturbines are designed and capable to produce from 50 up to 3000 kW electricity and can work in continuous mode of 24 hours a day, 365 days a year. The S2E microturbine is producing electricity from previously not utilized waste steam flows or as a “rotating reducer”.



Waste recycling and environmental manager courses in Austria and abroad

If your country lacks skilled workforce for waste management, recycling and alternative energy we train your youngs in partnership with the best vocational training centers of Central Europe.

If you need waste recycling skilled managers, mine technicians, hydrology technicians, agricultural professionals, etc. do not hesitate to contact us for an educational training offer.



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