

## REFERENCES

### 1.0 RESEARCH PROJECTS

- 1.1 Application of a magnetic fields in the environment University of Liverpool and University of Edinburgh (British Council) 1990
- 1.2 Nitrification / Denitrification WWTP Siggerwiesen-Salzburg (Austrian Research Promotion Agency) 1993 New biological products for environmental protection (Austrian Research Promotion Agency) 2000
- 1.4 Wastewater Treatment with electric cell . (Austrian Research Promotion Agency). 2002
- 1.7 Wastewater treatment with plant cell (Austrian Research Promotion Agency) 2003
- 1.8 Nanotechnology Products for Wastewater Treatment (Research Funding Salzburg Country.) 2006
- 1.9 Bioleaching (Research Funding Salzburg County) 2008-2009
- 2.0 Frequency based mixing system (Research Funding Salzburg County) 2015

### 2. PATENTS:

WO 0026466 Vegetable material based preparation for reducing and /or preventing slime  
WO03016226 additives for stabilizing biomass

### 3.0 OWN PRODUCTS

EWT-21G odor neutralizer  
EWT 2000 nutrients to increase biogas production  
EWT 21 FHM biopolymer

### 4.0 OWN TECHNOLOGY

4.1 WASTEWATER  
Electrochemical water treatment

#### 4.2 ODOR CONTROL

EWT - 10T - two stages  
EWT - 30T- three stages

### 5.0 DIFFERENT WORKS AT THE FOLLOWING WWTP

City	EGW	
Salzburg	600,000	odor
Seekirchen	40,000	biogas
Trumerseen	20,000	biogas

## Ingenieurbüro für Maschinenbau, Umwelttechnik und Umweltbiotechnologie

Vöcklabruck	68,000	NI / DN
Neumarkt	15,000	sludge dewatering
St.Michael in Lungau	15,000	odor
Paper mill Bruck a.m	200,000	bulking
Paper mill Steyermühl	250,000	sludge dewatering
Paper mill Lackirchen	250,000	bulking
Hallein paper mill	100,000	odor
Biochem-Kundl	1,000,000	sludge dewatering
Obernburg (D)	300,000	sludge dewatering

**5-1 PLANNING, DELIVERY AND COMMISSIONING**

-Wastewater treatment plants (Fa.Fluming-Eko)

Labin, Rovinj, Medulin, Susak, Krk, Rabac, Savudrija, Porec

-Odor reduction system (Fa. Fluming-Eko)

Delta Rijeka, Savudrija, Baska, Mali Losinj, Umag, Novigrad

- Sudge treatment sewage plant Buzet) (Fa.Fluming-Eko)  
(PARK d.o.o. Buzet, 2005.)

-Bioscrubber Savudrija 2008

-Bioscrubber Baska 2009

-Bioscrubber Mali Losinj 2010

-Bioscrubber biogas plant Biofutura 2010

-Bioscrubber Umag 2010

-Bioscrubber leather factory Prevent 2011

-Bioscrubber Otok Katarina Rovinj 2011

-Bioscrubber biogas plant Perutnina Ptuj 2012

-Chemo scrubber Lopar-Rab 2012

**6. BIOGAS PLANTS****6.1. Optimization - Gas production**

- WWTP Salzburg SAB Salzburg

- WWTP Seekirchen

- WWTP Trumerseen

- Biogas Plant Farma Ihan

**6.2. PRELIMINARY DESIGN**

- Biogas plant 2 MW Ilirska-Bistrica Slovenia 2009- Commissioning)

- Biogas plant 1 MW Klinja\_Vas Kočevje Slovenia 2008 (Preliminary)

- Biogas plant -dry fermentation "Cisto mesto" Ptuj 2010 (pilot plant)

**7. PROJECTS PROCESS ENGINEERING**

NH3 - Stripping Plant Farma Ihan Slovenia 2010