

Nr.	CUSTOMER	PROBLEM, TARGET	SOLUTION	REMARKS
1.	Pulp mill Germany	COD- and AOX-elimination from sulfite pulp mill bleaching effluents	Anaerobic treatment with immobilised biomass and aerobic aftertreatment	Prototype
2.	Pulp mill Germany	COD- and AOX-elimination from sulfite pulp mill bleaching effluents	Anaerobic treatment with immobilised biomass and aerobic aftertreatment	TowerBiology for the aerobic step
3.	Pulp mill, Germany	COD- and AOX-elimination from sulfite pulp mill bleaching effluents	Biobuffer + anaerobic treatment with LEVAPOR + aerobic aftertreatment	Start: 1992; 45-50 tons/d COD > 85% COD-removal
4.	Chemical plant Germany	Biological post-treatment of agrochemical effluents	Expanded bed reactor with 60 vol.% LEVAPOR	25-35 % additional COD-rem., + detoxification
5.	Municipal WWTP, Finland	Implementation of the nitrification at low temperatures (10-12 °C)	12 vol.% of LEVAPOR in a 1000 m <sup>3</sup> reactor	Quantitative nitrification and adequate denitrification
6.	Municipal WWTP, Finland	Implementation of the nitrification at low temperatures (10-12 °C)	12 vol.% of LEVAPOR in a 50 m <sup>3</sup> reactor	Quantitative nitrification and adequate denitrification
7.	Thermoplast recycling Germany	Biotreatment of plastic recycling waste gases	Biotrickling filter (BTF) using 10 m <sup>3</sup> LEVAPOR → 15.000 m <sup>3</sup> /h gas flow	99% removal of sporogenic cells and funghi
8.	Saw mill, Finland	Biotreatment of chlorophenols contain. saw mill effluents	Expanded bed reactor with 60 vol.% LEVAPOR + Rhodoc. Cl-phenolicus	Quantitative AOX- removal
9.	Contaminated site New Jersey,USA	Biotreatment of BTX + PAC polluted ground water	Expanded bed reactor with 60 vol.% -LEVAPOR + special strains	Cooperation with Univ. Helsinki, Finland