



MADEP - The LIPO process

For fast biodegradation of animal and vegetable fats and oils

(réf. cited : WWTP in Neuchâtel, Switzerland - period 2000 to 2008)

Client :	WWTP of the city of Neuchâtel (70'000 populations equivalent), Biotreatment of the fats and oils from restaurants, industries and grease pits of the canton of Neuchâtel.
Useful volume of the basin:	35 m ³ (with regular addition of Madep's LIPO BACTERIA, basic mineral nutrients and pH adjustment)
Vol. processed per year:	500-1'000 m ³ (at 30-40% dry matter)
Biodegradation rate:	2 to 4 kg of fat per m ³ per hour
Degradation efficiency :	Greater than 97,5%.

From 2008 the fats were treated by anaerobic digestion in the new methanizers.

