

## Low pressure equipment for efficient water cleaning

In conventional waste water treatment plants, organic compounds are digested by millions of bacteria which turn these compounds into carbon dioxide, nitrogen gas and water.

As these bacteria are consuming oxygen, huge amounts of air are blown into the water in the aeration tanks.

Typically in a biological waste water treatment plant, aeration is responsible for 70% of energy consumption.

As compressed air is crucial in the water treatment process, careful attention must be paid to actual energy consumption of low pressure equipment.



*Example provided by Agoria member companies*