

Biological desulfurization with low O2

Biological desulfurization

- Biogasclean is a leading supplier of biological desulfurization and methanation for industrial scale biogas plants with more than **+350 systems** in operation or under construction in **+40 countries**
- **100% biological.** Biogasclean can do the job without ferric chloride, caustic soda, iron sponge or activated carbon and at a much lower cost
- **Guaranteed performance.** Biogasclean's H2S removal systems operate efficient and robust and H2S and O2 performance guarantees are offered on all projects
- **High availability.** The uptime of a Biogasclean system **exceeds 98%**

Biological desulfurization with low oxygen

- The biological desulfurization system can operate with a guaranteed **maximum oxygen surplus of 0.3 %**
- In combination with injection of **oxygen**, this eliminates dilution with nitrogen and ensures the biological desulfurization system can be located **upstream all types of biogas upgrading systems**, like membranes, water scrubbers and PSAs, while still obtaining the specifications for injection on the natural gas grid.
- **Low operating costs** provides the most economic solution. When considering both CAPEX and OPEX **biological desulfurization** is much more **cost effective** than chemical or solid media solutions

