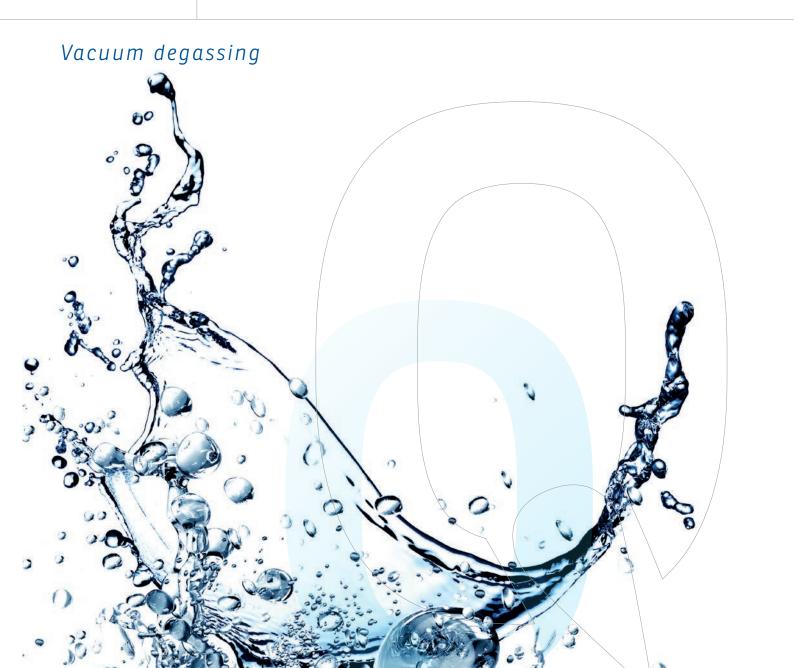


ELIQUO|HYDROK EloVac®



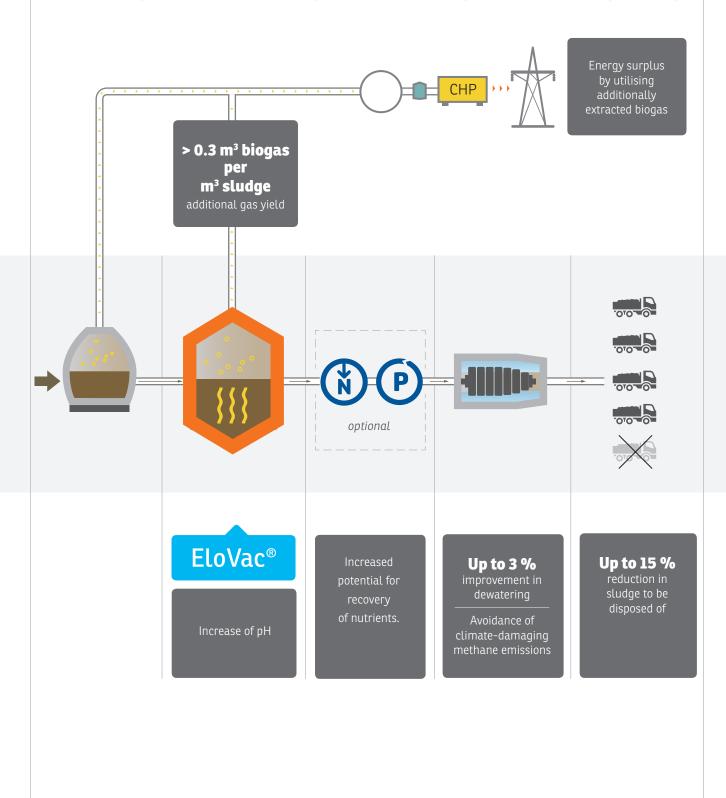
EloVac[®]

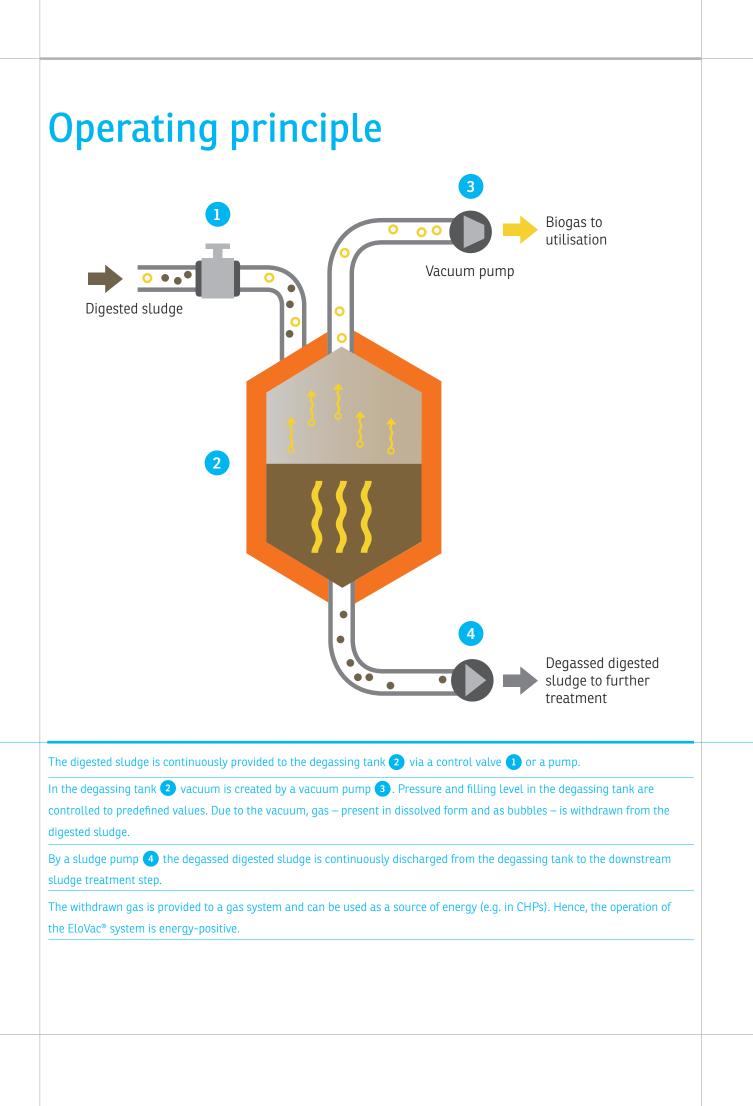
IS A COMPACT SYSTEM FOR THE DEGASSING OF LIQUIDS SUCH AS DIGESTED SLUDGE.

ELOVAC® SIGNIFICANTLY IMPROVES THE ECOLOGICAL FOOTPRINT OF YOUR TREATMENT PLANT BY AVOIDING UNCONTROLLED METHANE EMISSIONS. IN ADDITION, IT ENHANCES SLUDGE DEWATERING AND THUS REDUCES SLUDGE DISPOSAL COSTS.

Objective

EloVac[®] withdraws methane from the digested sludge and hence reduces climate-damaging methane emissions. EloVac[®] is thus a major component of a climate-friendly treatment plant. Additionally, EloVac[®] improves the sludge dewatering.





Profitability and climate protection

EloVac[®] is a very cost-efficient process. As a stand-alone system, that does not require extensive process conversion, EloVac[®] can provide for significant savings with low investment costs. Additionally, EloVac[®] can make a major contribution to climate protection.



SEWAGE TREATMENT PLANT 200,000 PE



● **140,000 €** Sludge disposal



◆ 740 kg CO₂ per day **≙ 5,700 car km per day** Avoided CO₂ equivalent emissions



• 25 % Reduction of CO₂ footprint of the whole treatment plant



Energy-positive operation of EloVac®

Annual savings are calculated on the basis of the following assumptions: sludge disposal costs: € 85/t dewatered sludge, specific CO₂ equivalent emissions: 13.8 g CO₂/PE (source: LANUV NRW), CO₂ car emissions: 130 g CO₂/km (source: Regulation (EC) No. 443/2009).

We are happy to conduct laboratory trials and pilot trials with EloVac® for you.

%
5 min
00 hPa
inless steel (degassing amber and pipelines)

EloVac® – climate protection and reduced sludge disposal costs

EloVac® Lingen (Ems)



Version 001

ELIQUO HYDROK LTD

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MEMBER OF ELIQUO WATER GROUP