

亚洲给水排水

WATER & WASTEWATER ASIA (CHINESE EDITION)



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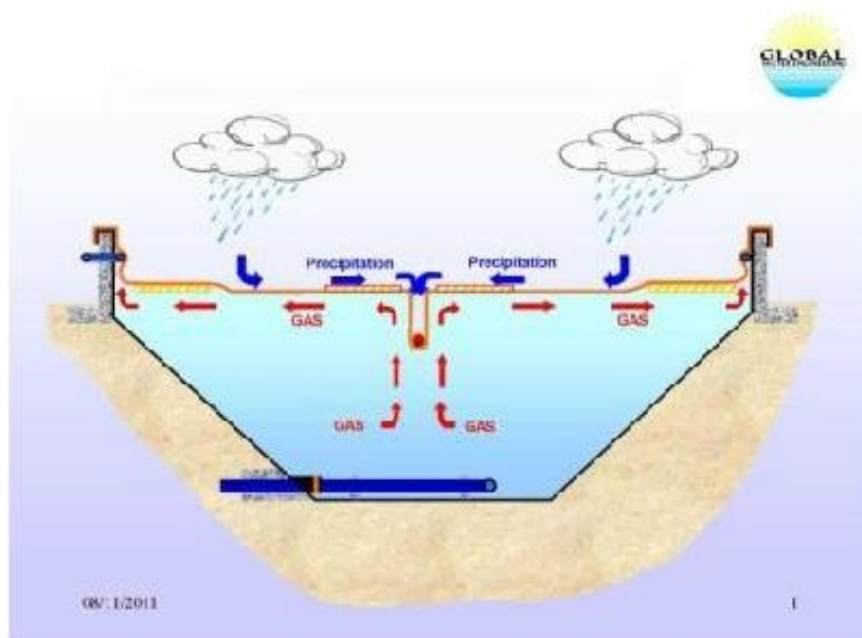
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Advanced anaerobic COHRAL™ system turns problem to profit by helping agribusiness clean up waste water while harvesting green energy

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URL: www.cstwastewater.com



A cost-effective way to simultaneously increase the quality of waste water produced by agribusiness while disposing of an expanding odour pollution issue is being deployed to assist crop and livestock operations to achieve higher environmental standards.

The COHRAL(TM) technology of Global Water Engineering (pictured) involves a Covered High Rate Anaerobic Lagoon that uses concentrated anaerobic bacteria to digest at least 70 per cent of the organic matter (COD, or Chemical Oxygen demand) in waste water to produce effluent of far higher quality than open lagoons.

Even higher water quality standards - typically exceeding 90 per cent COD removal and up to 99 per cent in some instances - can be achieved by using GWE anaerobic and complementary technologies contained in totally enclosed tanks, or reactors, making it suitable for discharge in surface waters, says Global Water Engineering CEO Mr Jean Pierre Ombregt, who has been a world leader in clean water and green energy solutions for more than 35 years.