Aquatec Maxcon has formalised an agreement with DHV BV of the Netherlands in relation to Nereda® technology. Nereda® is an innovative and advanced biological wastewater treatment technology that purifies water using the unique features of ‘aerobic granular biomass’. Unlike conventional processes, the purifying bacteria concentrate naturally into compact granules which exhibit superb settling properties enabling plant footprint to be reduced by up to 75%.

As a result of the large variety of biological processes that simultaneously take place in the granular biomass, Nereda® is capable of producing excellent effluent quality. Even when not particularly sought, extensive biological phosphorus and nitrogen reduction is an intrinsic attribute of this technology which also requires substantially less energy input than conventional processes.

These unique process features translate into compact, energy saving and easy to operate Nereda® installations for both industrial and municipal wastewater treatment. Nereda® presents attractive solutions for green field installations and also retrofitting or upgrading conventional activated sludge plants or SBR-facilities.



For further information, please see Nereda from DHV or view an animation of Nereda®.