



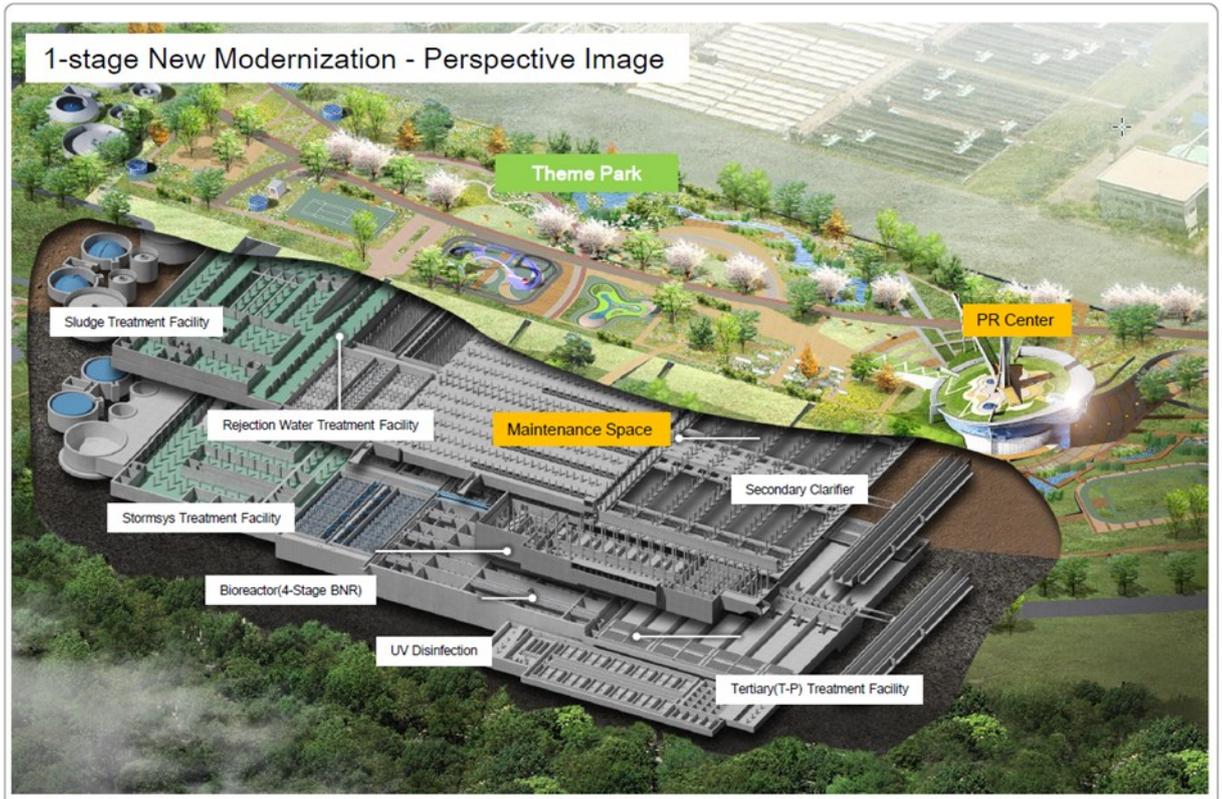
Wastewater Treatment Plant Seonam, Seoul, South Korea (5.6 Mio PE)

Aqualogic® - Process optimization made in Germany

Situation

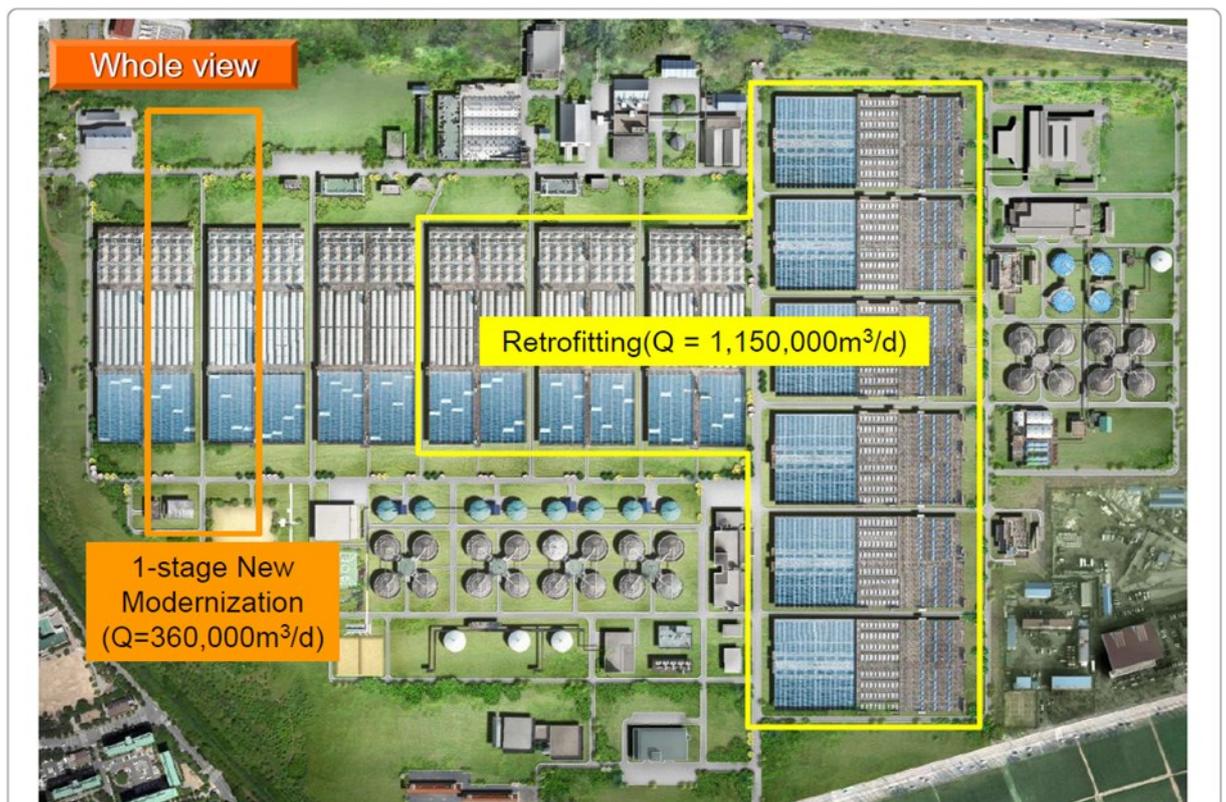
The Seonam wastewater treatment plant treats the wastewater of a large part of Seoul, the capital of South Korea. It is designed for a population of 5.6 million and will be modernized in several steps. The project has a total volume of approx. 1.3 billion dollars. The wastewater treatment plant is installed underground and includes a park above with an information and leisure centre. Most modern and high-performance components have been used for this conversion work.





Solution

In the first modernization step, two times six sewage lines will be renewed. The lines operate with upstream denitrification. By evaluating several ammonium/nitrate and oxygen measurements, the aeration, recirculation, and return sludge are controlled by Aqualogic®.





Technical Details

Passavant® Aqualogic®

(energy efficient control based on oxygen, ammonium and nitrate)

Module Recirculation

Module Return sludge control

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