



EIA of the new Avdou Retreat Collection hotel (100 beds)

Client:

Trend Touristic

Services SA

Service employed:

WWTP experts

Duration:

2018-2019

The objective of this project was the design of the wastewater treatment plant (WWTP) of the Avdou Retreat Collection, a new 4-star hotel at Avdou, Crete.



The challenging issues of this assignment include to design a reliable treatment system taking into account the needs of the hotel and the high-quality treatment required in order to reuse treated wastewater for “restricted irrigation” for the open spaces of the hotel but also for arable land close the hotel. Therefore, a comprehensive treatment system including biological treatment, filtration and disinfection, was designed and constructed. The hotel started its operation in 2019 and the treated effluent meets the legislation quality requirements.

