During the preparation of Ózd WWTP construction project, engineering department of one of the leading companies in the field of wastewater treatment was looking for an effective sludge dewatering solution with low power consumption as well as small footprint.

After the detailed analysis and comparison with other manufacturers, the client chose two MDQ-352 C units. During the design stage, EKOTON specialists actively assisted in the development of sludge dewatering scheme.

Since the commissioning, the performance of two EKOTON multi-disc screw press dehydrators MDQ-352 C has been stable and with no issues. With an average feed DS content of 1%, the cake DS content is 18-20% while maintaining the required filtrate quality. EKOTON screw conveyors are used for transportation of dewatered sludge. Control cabinet is equipped with a touch screen which enables setting operational parameters for the dehydrators, conveyors and a sludge pump. Operation of the system is fully automatic, therefore it requires no attention of an operator. Besides being almost noiseless, the system’s performance is also reliable and faultless.