



EUROPE'S LARGEST TAILINGS POND DEMANDED DEEP SHAPEARRAY MONITORING

Locations: Zelazny Most, Poland

With a development capacity of over 1.1 billion cubic metres, that accepts 80,000 tonnes of tailings each day, the Zelazny Most Reservoir plays an essential role in Poland's economic activity. When the engineers at the Zelazny Most Reservoir began to suspect that the ground beneath Europe's largest copper tailings pond might be moving, they needed new monitoring solutions.

ShapeArray enabled monitoring at an unprecedented depth, which provided Zelazny Most Reservoir's owners, KGHM Polska Miedz, a way to monitor slope stability and deformation in the dam foundation.

ShapeArray is part of a monitoring program at the reservoir to accommodate the increased tailings produced by Poland's copper mine.