

# The first Outotec TankCell® e500 will be delivered to First Quantum Minerals in Finland

To address the market demand of increased capacity and volume Outotec has developed the mega size flotation cell based on the well reputed technologies. The first TankCell® e500 flotation cell will be installed to First Quantum Minerals' Kevitsa operation in Finland. It is one of the world's largest flotation cells with an effective volume of over 500 m<sup>3</sup>.

First Quantum Minerals' Kevitsa operation, commissioned in 2012, is a nickel-copper-platinum group elements (PGE) mine located north-north-east of Rovaniemi in the Finnish Lapland.

"The TankCell® e500 will provide significant additional capacity and flexibility to the Kevitsa flotation flowsheet without taking up significant real estate. The net result is efficient use of capex and, going forward, opex", says Anthony Mukutuma, Plant Manager at FQM Kevitsa Mining Oy.

Outotec previously delivered grinding mills, filters, thickeners, an automation package and flotation cells to Kevitsa during the project construction. The flotation circuits have in total 68 Outotec TankCells of which 14 are large 300 m<sup>3</sup> machines. The new TankCell® e500 has been manufactured and pre-assembled in a workshop in Finland and passed all mechanical and fluid dynamical performance tests.

"Outotec is renowned for the performance, innovation and efficiency of its flotation technology. This contract further strengthens our position as the global technology leader in flotation. With over 400 sold TankCell® e300 flotation machines Outotec is also a clear market leader in the large size range. The new 500 m<sup>3</sup> cell is Outotec's response to growing throughputs, low ore grades, and need for lower capital investments and production costs", says Kalle Härkki, President of Outotec's Minerals Processing business area.



---

Outotec provides leading technologies and services for the sustainable use of Earth's natural resources. As the global leader in minerals and metals processing technology, Outotec has developed many breakthrough technologies over the decades. The company also provides innovative solutions for industrial water treatment, the utilization of alternative energy sources and the chemical industry. Outotec shares are listed on NASDAQ OMX Helsinki.

**Outotec**

[flotation@outotec.com](mailto:flotation@outotec.com)

[www.outotec.com](http://www.outotec.com)

**Outotec Product News**