Outotec has been awarded an order by MMG Limited to design and deliver a paste backfill plant to MMG’s Dugald River zinc mine in North-West Queensland, Australia.

Outotec’s supply includes the design and delivery of an Outotec Mid Range Continuous Paste Backfill Plant, equipment supplies as well as construction and commissioning services. The new technology reduces the capital cost of a backfill plant, making it more attractive and affordable for mining companies.

“This is Outotec’s second order within a week for the newly developed paste backfill plant concept. Mine operators appreciate its environmental benefits, lower capital costs and quick delivery time. We are the industry frontrunners for the mine backfill technology development and see that there is growing interest for these type of solutions”, says Kalle Härkki, head of Outotec’s Minerals Processing business unit.

More information is available here...

Outotec has been awarded a contract by OceanaGold (Philippines) Inc. to design and deliver a paste backfill plant to OceanaGold’s Didipio gold mine in the Philippines.

Outotec’s supply includes the design and delivery of a new Outotec Mid Range Continuous Paste Backfill Plant (MPB), which was launched at the Paste 2016 conference in July. The new technology reduces the capital cost of a backfill plant, making it more attractive and affordable for mining companies.

Deliveries from Outotec will be completed by April 2017.

More information is available here...

Outotec has published a book that tracks the development of the mining and metal industries, engineering science and technology sales from mid 19th century to 2010. The history of Outotec is intertwined with this development.

The book was researched and written by Dr Panu Nykänen. Panu Nykänen is a historian who specializes in history of technology and industry. He comments: “I found it highly enjoyable to study the key factors that contributed to the development of the mining and metal industries through world wars to today, including politics, technology research and education as well as rising environmental awareness. Outotec is part of the economic history of the era of industrialization in Europe.”

Outotec has its roots in the history of many widely known corporations, such as Outokumpu, Metallgesellschaft, Lurgi Metallurgie, Klöckner-Humboldt-Deutz, and Boliden. The book traces the development of the technology sales business of Outokumpu and Metallgesellschaft and looks at why and how Outotec became an independent company in 2006.

More information is available here...

Outotec has been awarded an order for a mine backfill plant in Australia

Outotec to supply a mine backfill plant to the Philippines

Outotec Launches History Book “150 Years’ Evolution Toward a Greener Future - The Outotec Story”
OUTOTEC TO DELIVER A MODULAR FLOTATION CPLANT TO SAUDI ARABIA

Outotec has agreed with Saudi Arabian mining company Ma’aden Gold on the design and delivery of a novel Flotation cPlant for modernizing the Al Amar gold processing facilities.

This fully modular flotation plant is the first of its kind and is expected to set a record in terms of fast delivery for this type of projects. Outotec will deliver process design, basic and detail engineering, process equipment, equipment installation and start-up services. In addition, Outotec will provide operation and maintenance support services to Ma’aden for two years after the start-up of the plant.

“By selecting modularized plant Ma’aden will benefit from a short lead time for production and lower capital investment. The pre-fabricated modules are easy to transport and allow a quick erection at the site. Fully standardized modules are also easy to replace or upgrade and they improve the environmental performance and increase availability of a minerals processing plant. Furthermore, the modular flotation plant has all proven metallurgical features of conventional flotation plants,” says Kalle Härkki, head of Outotec’s Minerals Processing business unit.

More information is available here....

OUTOTEC PARTNERS WITH THERMO-SYSTEM TO DELIVER THERMAL PROCESSING SOLUTIONS FOR NUTRIENT RECYCLING

Outotec has partnered with Thermo-System GmbH, a German based global leader in low-energy drying technology, to complement its waste-to-energy and sludge incineration technologies. In this partnership Outotec will get exclusive rights to market Thermo-System’s low-energy drying method in connection with Outotec’s thermal processing solutions in Scandinavia, the Baltic and the CIS countries. Outotec has a portfolio of comprehensive sludge treatment solutions for energy production and nutrient recycling.

Municipal energy and sewage treatment companies will benefit from Outotec’s thermal processing solutions, because instead of composting the sludge, they can recover valuable nutrients and sell it to fertilizer producers. Low-energy drying technology is used mainly for pre-drying the sewage sludge or wet peat before incineration, using waste heat from district heating as an energy source. Part of the pre-dried sludge will be mixed with the incineration ashes to produce valuable raw material rich in phosphor, nitrogen and potassium for the fertilizer industry.

Phosphor recovered in thermal processing combined with low-energy drying is in slow-soluble format and thus particularly well suited for forest fertilizers. Outotec is cooperating with the leading Finnish forest and organic fertilizer producer Ecolan Oy to develop a thermal treatment plant for sewage sludge for the town of Nokia in Finland.

More information is available here....

OUTOTEC AWARDED TWO MODULAR SOLVENT EXTRACTION TECHNOLOGY ORDERS

Outotec has been awarded two orders, for the new VSF®X Modular Solvent Extraction technology. Outotec will deliver detail engineering and a complete technology package for a modular copper solvent extraction and electrowinning plant for Sardich MC in Kazandol, Macedonia. Another contract is with the Italian engineering company Desmet Ballestra S.p.A Milano. Outotec will design and deliver a solvent extraction plant to purify fertilizer phosporic acid before evaporation. More information is available here....