



Rio Tinto approves initial funding for its first intelligent mine



Rio Tinto has approved \$146 million of funding to undertake initial work at the Koodaideri iron ore project in Western Australia, ahead of a final investment decision expected by the end of the year.

The funds will be invested in detailed engineering work on key elements of the project, the development of a rail construction camp and the first stage of the Koodaideri accommodation camp.

Subject to final investment and government approvals, Koodaideri will be Rio Tinto's first intelligent mine, incorporating the latest in high-tech advances in the industry and utilising an increased level of automation and robotics. It's a large scale, low-cost, high-quality project, producing replacement tonnes and forming a new production hub for Rio Tinto in the Pilbara for decades to come. If approved, construction is scheduled to begin in 2019 with first

production expected in 2021. The mine would create over 2,000 jobs during construction and 600 permanent operational roles.

Rio Tinto Iron Ore chief executive Chris Salisbury said "This is an important step for our Koodaideri project which will be a significant leap forward for the global mining industry and Rio Tinto.

"We've been building mines in the Pilbara for over 50 years, and, subject to final approvals, Koodaideri will incorporate all of that knowledge to enable us to build the smartest, safest and most efficient mine we've ever constructed. The deployment of leading edge technology will deliver a step-change in both safety and productivity for our business."

TMEIC Receives the '2018 Global Company of the Year' Award

Toshiba Mitsubishi-Electric Industrial Systems Corporation (hereinafter, "TMEIC"; President & CEO Masahiko Yamawaki) received the most prestigious 2018 Global Company of the Year Award in the Industrial Power Electronics category by the major research and consulting firm Frost & Sullivan based in California in the United States.

Frost & Sullivan generates business growth initiatives globally with an emphasis on market research, analysis and consulting. The firm selects companies by market in areas such as Japan, the



Asia Pacific and other areas globally and bestows Best Practice Awards annually to companies that have achieved outstanding performance in respective industries. The Global Company of the Year Award is the highest honor.

Previously, TMEIC won the Global Company of the Year Award for the third consecutive year in the PV inverter category and the award received this year marks the fourth year in a row. Frost & Sullivan presented this year's award in recognition of

various factors, including TMEIC's high reputation gained from its customers in the industrial power electronics field and proposal of its PEiE (Power Electronics in Everything) concept geared toward CO2 reduction and a sustainable future. The Company was also highly regarded for its high-performance PV inverters which efficiently generate renewable energy; both Uninterruptible Power Supply (UPS) systems and motor drive systems installed with advanced technology that contributes to making highly efficient use of energy according to a press release.