

In Case You Missed It: **BUSINESS NEWS FROM THE FIELD**



London, United Kingdom: Rio Tinto and H2 Green Steel signed a multi-year agreement for the supply of high-grade direct reduction iron ore pellets from Rio Tinto's Iron Ore Company of Canada (IOC). In addition, Rio Tinto will purchase and on-sell a portion of the surplus low carbon hot briquette iron (HBI) made by H2 Green Steel during their ramp-up of their steelmaking capacity. The direct reduction pellets will provide a large portion of the iron ore supply at H2 Green Steel's Boden, Sweden, plant. This plant is expected to begin operations in 2025, processing direct reduction pellets into HBI and making steel through electric arc furnaces using green hydrogen. (Pictured: Rio Tinto's IOC iron ore mines in Canada. Photo Credit: Rio Tinto)

REMADE Obtains New Technology License

Rochester, New York, USA: The REMADE Institute announced a new technology license which involves a technological innovation capable of removing metallic impurities from recycled aluminum melts, thus improving the quality of the aluminum and allowing for it to be used in more diverse applications. This technology was developed as part of the ongoing REMADE project, "Selective Recovery of Elements from Molten Aluminum Alloys," led by TMS member Subodh Das.

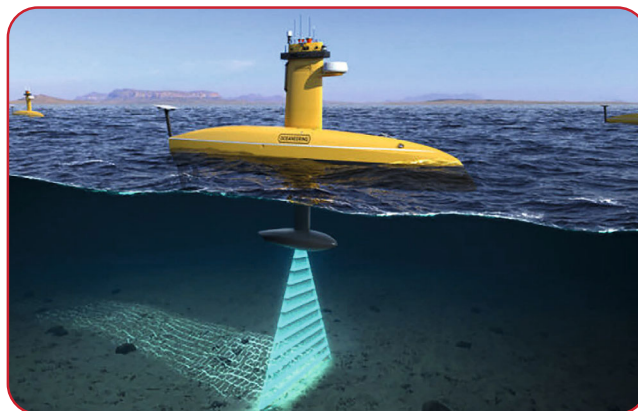
Fives Group Designs Cold Rolling Mill

Paris, France: The Fives Group has designed a cold rolling mill which enables the rolling of ultra-thin strips of electrical steel. The DMS 20Hi EcoMill was supplied to Xinyu, of the Baowu Group, and allows steelmakers to roll strips down to their minimum thickness without breaking while maintaining surface quality and flatness. The DMS 20Hi EcoMill's latest developments include increased rolling speed and strip tension, advanced roll gap lubrication for high product quality, enhanced fume extraction, better strip wiping efficiency, and more.

Do you have business or industry news of interest to the minerals, metals, and materials community?

JOM
THE MAGAZINE

Submit your announcement or press release to Kelly Zappas at kzappas@tms.org.



Aberdeen, Scotland: Oceaneering International's Subsea Robotics group announced a new Uncrewed Surface Vessel (USV) which will support remote survey work scopes. Through an agreement with Exail, Oceaneering International will purchase a DriX USV to aid deepwater geophysical and asset inspection operations, including offshore and nearshore surveys and autonomous underwater vehicle positioning. The DriX USV will support improved operational efficiencies, reduced vessel time on site, and reduced carbon emissions. (Photo Credit: Oceaneering International)

Blue Whale Materials to Build Battery Recycling Facility

Washington D.C., USA: Battery recycling company, Blue Whale Materials, has announced their plans to build a lithium battery recycling facility at Bartlesville Industrial Park in Bartlesville, Oklahoma, USA. This project is intended to aid the U.S.'s transition to a green energy economy and will help increase the domestic supply chain for materials used in rechargeable batteries. This facility will encompass 32 acres and provide 90 new jobs.

Panasonic to Make EV Batteries from Recycled Nickel

Osaka, Japan: In collaboration with U.S. startup, Redwood Materials, Panasonic will recycle minerals from used electric vehicle (EV) batteries to make new ones. This project aims to create a system where cells with reclaimed materials have equivalent cost and performance. As nickel accounts for 90% of the cathode material in Panasonic's EV batteries, it will be the primary focus of this endeavor; however, the company will also consider lithium and cobalt recycling. This project will take place at a Redwood factory in Nevada, and high-purity nickel is expected to be extracted from used batteries by 2028.