



Do you have business or industry news of interest to the minerals, metals, and materials community? Submit your announcement or press release to Lynne Robinson, JOM Magazine Editor, at lrobinson@tms.org for consideration.

In Case You Missed It: **Business News from the Field**

ATI Acquires Aerospace and Defense Additive Manufacturer Pittsburgh, Pennsylvania, USA:

Allegheny Technologies Inc. (ATI) acquired Addaero Manufacturing, a Connecticut additive manufacturer specializing in metal alloys and working within the aerospace and defense industries. The acquisition is aimed at uniting ATI's experience in commercial aerospace and powder metal manufacturing capabilities with Addaero's production of aerospace-quality parts to increase the speed to market of new products.

Tata Steel and thyssenkrupp Merger Confirmed

Mumbai, India: Tata Steel and thyssenkrupp AG signed a definitive agreement to create a new company by combining their European steel businesses in a 50/50 joint venture. This follows the signing of a Memorandum of Understanding in September 2017. The proposed new company, to be named thyssenkrupp Tata Steel B.V., will be Europe's second largest steelmaker and is expected to create additional value of around 5 billion euros for both thyssenkrupp and Tata Steel.

Naval Nuclear Laboratory Contract Awarded to Fluor Marine Propulsion

Washington DC, USA: Naval Reactors, a joint program of the U.S. Department of Energy and the U.S. Department of the

Navy, announced the selection of Fluor Marine Propulsion, LLC (FMP) as the new contractor for the Naval Nuclear Laboratory (NNL). FMP, a limited liability company, is a wholly-owned, special-purpose subsidiary of Fluor Corporation. The estimated combined award value of these contracts is approximately \$30 billion over ten years if all options are exercised.

Tesla Plans New Factory in China

Palo Alto, California, USA:

Tesla announced plans to build its first factory outside of the United States in Shanghai, China. The deal signed between Tesla and the government of Shanghai makes the company the first wholly foreign-owned automaker in China. Tesla said construction would begin in the near future, once official permits are obtained with production beginning within three years of that, eventually increasing to 500,000 vehicles annually. The new factory could increase demand for a number of commodities essential to electric vehicle production.

Covestro Moves to Increase Start-Up Collaborations

Leverkusen, Germany: Materials manufacturer Covestro is collaborating with Silicon Valley-based Plug and Play in a move to explore opportunities in materials innovation. Plug and Play is an innovation center that connects start-ups with corporations and Covestro's participation in the New Materials & Packaging platform of Plug and Play will allow it to work closely with start-ups in sustainable materials, data-driven business models, and digital services.



Berlin, Germany: The 2018 German Innovation Award was presented to BigRep for its large-scale 3D printing machine, the BigRep STUDIO (photo left). The German Innovation Award is conferred by the German Design Council. The STUDIO has a print volume of 1000 mm x 500 mm x 500 mm that enables continuous printing of large objects. (Image courtesy of BigRep).