ABB and Talga Expand Agreement to Mine Electrification

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Battery anode and advanced materials company Talga Group Ltd ("**Talga**" or "**the Company**") is pleased to advise that following successful completion of its Detailed Feasibility Study it has extended and expanded the Memorandum of Understanding ("MoU") with global technology leader ABB.

Talga is constructing an ultra-low emission battery anode production facility and integrated graphite mining operation in northern Sweden, using 100% renewable electricity to supply greener anode for lithium-ion batteries. According to a recent Life Cycle Assessment prepared by Hitachi ABB Power Grids, the production process of Talga's flagship anode product Talnode®-C emits 96% less CO_2 equivalent (CO_2-eq) than the anode material most commonly used in EV batteries today. This is equal to a reduction of approximately 2.9 million tonnes of CO_2-eq per million electric vehicles[1].

Building on these already world-leading environmental credentials, Talga aims to electrify its underground mining operations when it reaches the expansion phase of its Swedish battery anode operations. This electrification strategy will be explored by ABB and Talga under the expanded MoU, focusing on the ABB Ability™ eMine portfolio of solutions.

Under the MoU, ABB will also extend its industrial automation and electrification expertise to include next-level production and process control solutions for Talga's initial operation. In addition, ABB will work with Talga on front-end engineering and design ("FEED") for the development and construction of commercial 100,000tpa graphite concentrator operations at Vittangi, a 19,500tpa anode production plant at Luleå and earlier ramp-up stages/production qualification modules.

The commercial FEED stages are due for completion June 2022, with the intent to execute binding agreements with ABB for subsequent construction and operations.

Commenting on the ABB agreement, Talga Managing Director Mark Thompson said: *"We are very pleased to deepen our relationship with ABB in the development of what will be the largest integrated lithium-ion battery anode production facility in Europe. The pursuit of innovation towards zero-emission mining is a goal we share with ABB, and we are excited to continue the expanded partnership towards construction of the Vittangi Anode Project and future expansions."*

Björn Jonsson, Hub Division Manager North Europe, Process Industries, ABB said: *"Following a detailed planning phase, we had the opportunity to collaborate with Talga on all aspects of the Vittangi Anode Project. Now, we can extend our industrial automation and electrification expertise to production and process control solutions, for a successful front-end engineering and design stage. Together, we will explore the role of ABB Ability™ eMine, our portfolio of solutions that will help accelerate the move towards a zero-carbon mine, in Talga's future expansions."*

Authorised for release by the Board of Directors of Talga Group Ltd.

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About ABB

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 105,000 talented employees in over 100 countries. **www.abb.com**

About Talga

Talga Group Ltd (ASX:TLG) is building a European battery anode and graphene additives supply chain, to offer advanced materials critical to its customers' innovation and the shift towards a more sustainable world. Vertical integration, including ownership of several high-grade Swedish graphite projects, provides security of supply and creates long-lasting value for stakeholders.

Company website: **www.talgagroup.com**

Forward-Looking Statements & Disclaimer

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[1] Assumes 76.5KwH battery pack being average of VW ID.4 1st and Tesla Model 3 Performance. Note 1KWh = 1.2Kg anode per Benchmark Mineral Intelligence report.