

Talga Commits to EU Principles for Sustainable Raw Materials

Talga Group Ltd (“Talga” or “the Company”) (ASX:TLG) is pleased to announce it will implement the European Union’s Principles for Sustainable Raw Materials as part of its Vittangi natural graphite mining and anode production project in northern Sweden. The announcement was made alongside European Commission representatives during a virtual event on 23 November 2021.

The principles, which were launched in July 2021, build upon current EU legislation and international initiatives in the field, and seek to align European Green Deal goals to the development and processing of raw materials in Europe. Their scope includes social, economic and governance, and environment principles. More specifically the principles address the need for extraction and development of raw materials to constitute an essential building block for sustainable European value chains, apply sound environmental management processes and support climate change mitigation.

Mark Thompson, Managing Director of Talga Group said: “As Europe adopts electric vehicles, demand for graphite for battery anodes is expected to increase by 383% to 2050 according to the World Bank Group¹. This means it is vitally important for the EV battery supply chain to be as clean as possible and that anode materials are produced in the right way. Our high-quality graphite deposits in northern Sweden and use of 100% renewable power ensures our battery materials have an ultra-low CO₂ footprint. We are committed to developing our project in a way that lives up to the high environmental and societal goals that the European Union has set and enable cleaner energy storage for everyone.”

A recent Life Cycle Assessment (ASX:TLG 12 August 2021)² conducted by Hitachi ABB Power Grids quantified the greenhouse gas emissions of Talnode®-C, Talga’s flagship lithium-ion battery anode product. The production of Talnode®-C emits 96% less CO₂-equivalent than incumbent electric vehicle battery anode materials, almost all of which is currently imported from outside the continent.

Earlier this year, Talga commenced its drill testing of Vittangi to further prepare for initial commercial development and pave the way for future expansions of what is Europe’s largest graphite mineral resource. The Company has also recently announced the construction of an Electric Vehicle Anode customer qualification plant (“EVA”) in Luleå, Sweden (ASX:TLG 19 April 2021)³ and growth in the quantity of battery manufacturers testing its battery anodes (ASX:TLG 30 July 2021)⁴.

Project Background

Talga is establishing a vertically integrated supply of green graphite anode products for lithium-ion batteries, by constructing Europe’s first large scale anode production facility fully integrated with 100% owned graphite mining operations in northern Sweden (ASX:TLG 1 July 2021)⁵.

Authorised for release by Dean Scarparolo, Company Secretary.

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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

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- 1 <https://www.worldbank.org/en/topic/extractiveindustries/brief/climate-smart-mining-minerals-for-climate-action>
 - 2 <https://www.talgagroup.com/irm/PDF/c8a38dfc-39cd-42c2-be94-4355dc2a3289/IndustryLeadingGreenBatteryAnodeLCARResults>
 - 3 <https://www.talgagroup.com/irm/PDF/6f9b1552-4f3c-492e-b71c-8d11c31ebe45/TalgaProgressesEVAnodePlant>
 - 4 <https://www.talgagroup.com/irm/PDF/1d51919f-9d5e-4fe1-a3fe-0ecd0a2b8c68/QuarterlyActivitiesandCashflowReport30June2021>
 - 5 <https://www.talgagroup.com/irm/PDF/47146b39-9c1e-42ef-830e-15ef895e5b63/RobustDFSPavesWayForTalgaBatteryAnodeProject>

