talga

ASX Release
3 May 2024

ASX:TLG

Talga Webinar Presentation

Battery materials company Talga Group Ltd ("**Talga**" or "**the Company**") (**ASX:TLG**) is pleased to provide a copy of the presentation delivered by Talga's Managing Director Mark Thompson during yesterday's investor webinar, Thursday 2 May 2024 at 10:30am AWST / 12:30pm AEST.

The presentation is available on the Company's website via the link below:

https://www.talgagroup.com/investors/

Authorised for release by:

Dean Scarparolo
Company Secretary
Talga Group Ltd
+61 (0) 8 9481 6667

For further information please contact:

Mark Thompson
Managing Director
Talga Group Ltd
+61 (0) 8 9481 6667

Nikki Löf
Group Communications Manager
Talga Group Ltd
+61 (0) 8 9481 6667

For personal use only

May 2024 Investor Webinar

Talga Group (ASX:TLG)

For personal use only

© Talga Group Ltd, 2 May 2024

For personal use only

Cautionary Statement and Disclaimer

Talga Group Ltd ACN 138 405 419 (the Company) is the issuer of this presentation.

Niska Scoping Study

The Niska Scoping Study is a preliminary technical and economic study of the potential viability of developing the Nunasvaara North, Niska South and Niska North graphite deposits by constructing an integrated mining and refining operation to produce Talga's anode products for Li-ion batteries. It is based on low level technical and economic assessments that are not sufficient to support the estimation of ore reserves or to provide assurance of an economic development case. Further evaluation work and appropriate studies are required before the Company will be in a position to estimate any ore reserves or to provide any assurance of an economic development case or certainty that the conclusions of the Niska Scoping Study will be realised. The Niska Scoping Study is based on the material assumptions outlined in the announcement of 7 December 2020. These include assumptions about the availability of funding. While Talga considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Niska Scoping Study will be achieved. To achieve the range of outcomes indicated in the Niska Scoping Study, funding in the order of US$1,000 million plus contingencies may be required. Investors should note that there is no certainty that the Company will be able to raise that amount of funding when needed. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of the Company's existing shares. It is also possible that the Company could pursue other 'value realisation' strategies such as a sale, partial sale or joint venture of the project. If it does, this could materially reduce the Company's proportionate ownership of the deposits covered by the Niska Scoping Study. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Niska Scoping Study.

Forward-looking statements

This presentation contains forward-looking statements. Those forward-looking statements reflect views held only as at the date of this presentation. Any such statement is subject to inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement, and such deviations are both normal and to be expected. Recipients must make their own assessment about the likelihood of a matter, about which a forward-looking statement is made, occurring. The Company makes no representation about the likelihood of a matter, about which a forward-looking statement is made, occurring. The Company and its directors, employees, agents, advisers and consultants: give no representation or warranty to a recipient of this presentation as to the accuracy or completeness of the statements contained in this presentation or in relation to any other matter; and to the fullest extent permitted by law, disclaim responsibility for and have no liability to a recipient of this presentation for any error or omission in or for any statement in this presentation, including any liability arising from negligence.

Reliance on presentation

A recipient of this presentation must make their own assessment of the matters contained herein and rely on their own investigations and judgment in making an investment in the Company. This presentation does not purport to contain all of the information required to make an informed decision whether to invest in the Company. Specifically, this presentation does not purport to contain all the information that investors and their professional advisers would reasonably require to make an informed assessment of the Company's assets and liabilities, financial position and performance, profits, losses and prospects.

Not a recommendation or financial advice

The information in this presentation is not a recommendation to subscribe for securities in the Company and does not constitute financial advice. Any person who intends to subscribe for securities must conduct their own investigations, assessment and analysis of the Company and its operations and prospects and must base their investment decision solely on those investigations and that assessment and analysis. Prospective investors should consult their own legal, accounting and financial advisers about an investment in the Company.

Photographs and images

Photographs, maps, charts, diagrams and schematic drawings in this presentation are owned by and have been prepared or commissioned by the Company, unless otherwise stated. Maps and diagrams used are illustrative only and may not be drawn to scale. Unless stated otherwise, all data contained in charts, graphs and tables is based on information available at the date of this presentation.

Talga Group (ASX:TLG) is a leader in the development of sustainable battery materials

For personal use only

mine-to-battery

Development and commercialisation of a diverse range of products and projects including natural graphite anode, silicon anode and other materials for use in lithium-ion, solid state and sodium-ion batteries

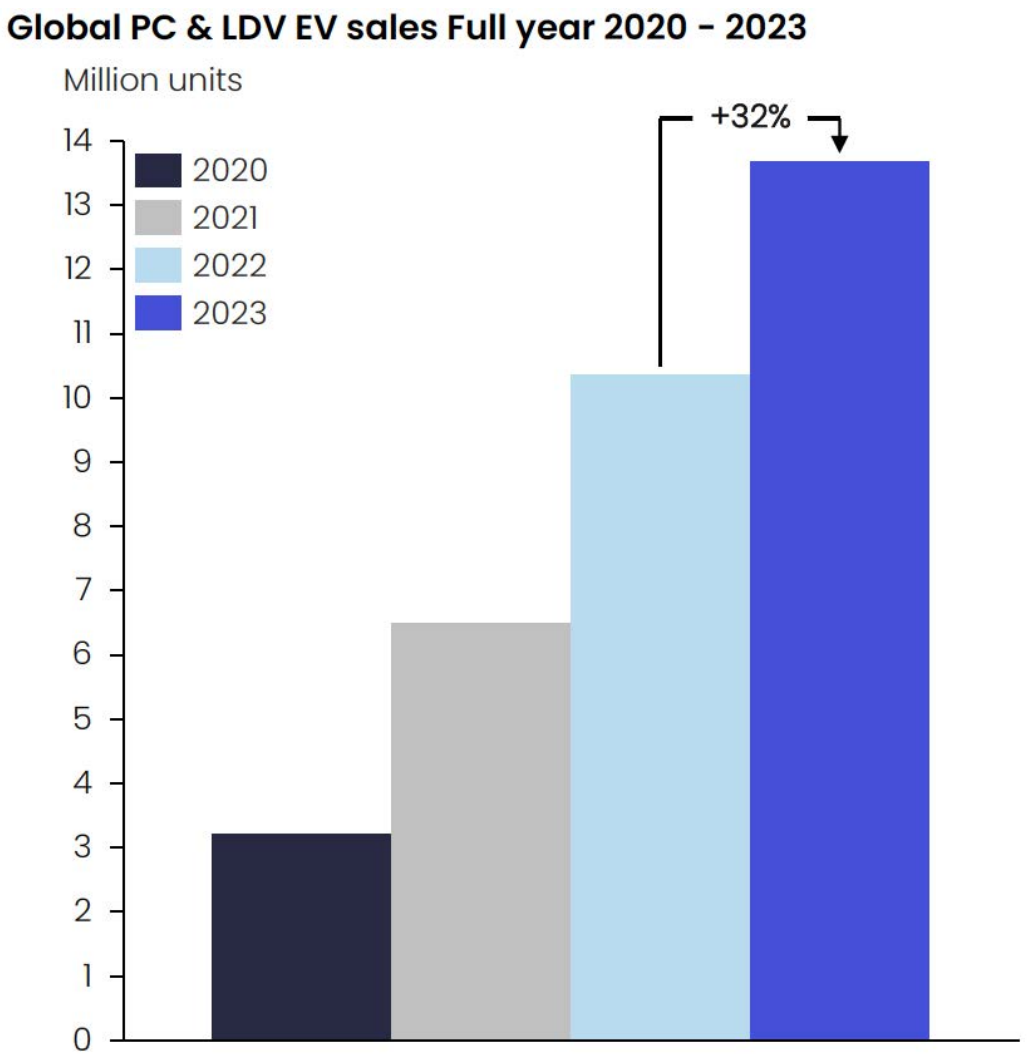
EV battery market update

For personal use only

Continued strong EV growth with 2023 sales reaching all-time high

Potential anode supply deficit developing in China

Graphite export rules in China and USA Inflation Reduction Act triggers auto OEM demand for new suppliers



Rho Motion Q1 2024 Battery Outlook.

talga

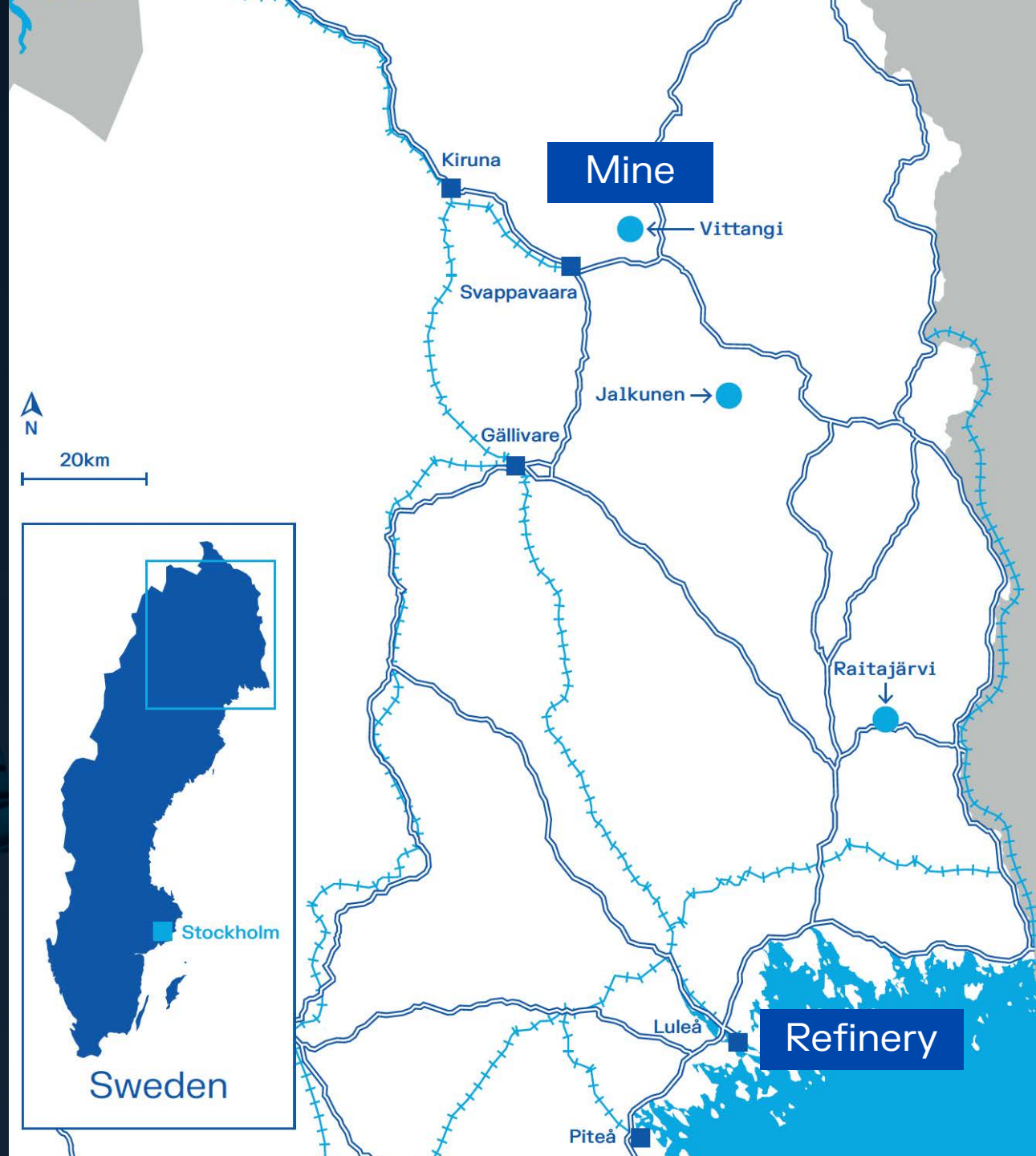
Vittangi Anode Project
Sweden

For personal use only

- **Integrated graphite mine-to-anode refinery producing 19,500tpa anode (Stage 1). Plans for major expansions to >100,000tpa anode**

- **Europe's largest and highest grade graphite deposit - Vittangi: 35.0Mt at 23.8%Cg, containing 8.3Mt graphite**

- **Advanced logistics: direct road and rail to rest of Europe (1-2 days delivery)**



See: ASX:TLG 7 December 2020, 1 July 2021, 6 October 2023.

FEED Study delivers strong results

Vittangi Anode Project

- Major reduction of Refinery building footprint
- 23% reduction in energy consumption
- Positive capital revision amidst inflationary macro environment
- Production process configured to customer requirements
- Streamlining of anode and purification equipment
- Identification of initial Refinery capacity expansion potential

For personal use only

See: ASX:TLG 15 April 2024.

Luleå Anode Refinery land expansion

For personal use only

LOI signed with Luleå Municipality for option to expand land in industrial park

Expanded site would underpin growth of Talga's anode production in Sweden

Driven by customer project demand

See: ASX:TLG 30 April 2024.

Vittangi Anode Project financing

For personal use only

Talga investigating grant funding and state aid (EU and Member State level) to complement existing debt consortium

This includes application under consideration for ~ €70m in EU grant funding

Discussions with potential equity partners including automotive OEMs and other strategic industry parties

Key Finance Partner

European Investment Bank – The EU bank

Key Project Partners

Worley – energy | chemicals | resources

ABB

SWECO

See: ASX:TLG 20 June and 12 September 2023, 31 January and 30 April 2024. Note: Finalisation of Project debt facilities with the selected banking consortium remains subject to finalisation of approvals, completion of remaining due diligence and execution of definitive debt facility documentation, which are expected to include customary project financing terms and conditions. Drawdowns under the facility would be subject to customary conditions precedent.

Recycled graphite anode

Talnode®-C Recycled Series

Talnode®-C Recycled Series utilises graphite concentrated from used battery black mass. Product can blend with other anode feedstocks to help decrease imports, reduce landfill and provide low cost localised feedstocks

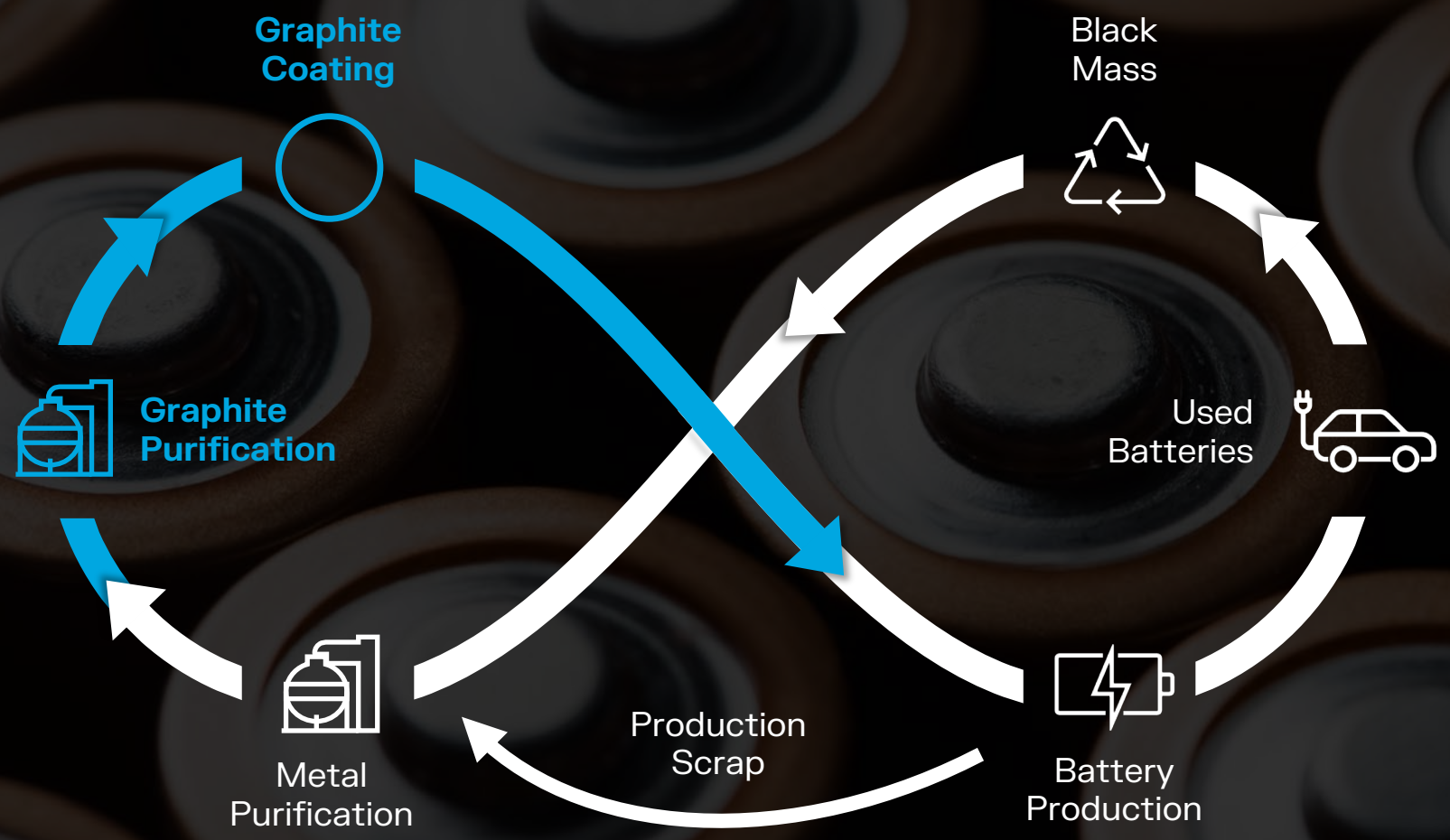
Value-adds by utilising our purification and coating technology to expand opportunities with cell makers, auto OEMs and battery recyclers as recycling mandates escalate

JDA signed with UK clean technology group Altilium Metals to recycle graphite from used EV batteries. Altilium has supply from Nissan

For personal use only

See: ASX:TLG 29 July 2022, 28 March 2024.

Talga technology anode recycling process flow



F onal use only

See: ASX:TLG 28 March 2024.

Graphene additives

Talphene®, Talcoat®, Talcrete®

For personal use only

Functionalised Talphene® product developed to replace carbon black in mass-produced rubber for sector leading auto supplier

Initial customer sales have commenced at a non-material volume presently, paving way to global rubber industry

Talga's graphene and process technology are developed at our operations in Cambridge, UK and Rudolstadt, Germany

See: ASX:TLG 17 December 2019, 25 November 2021, 30 April 2024. Pictured are Talga graphene enhanced products (left and centre) and in-house developed nanomaterial concentrating technology (right).

Exploring for growth and added value

Norrbotten, Sweden

For personal use only

Vittangi graphite exploration towards further resource growth and upside targets

Aero Lithium Project expanded to 271km^2 and strategic partnership discussions progressing

Divestment of non-core projects Kiskama and Lautakoski Cu-Co-Au to be pursued

See: ASX:TLG 6 October and 13 October 2023, 30 April 2024.

Group Executive Management Team

For personal use only

Martin Phillips

Chief Executive Officer

25+ years of global metals and mining experience. Former Commercial Manager of global mineral producer Iluka Resources. Prior senior engineering and management roles across battery recycling programs and smelting innovations at MIM's Mt Isa and UK operations.

Melissa Roberts

Chief Financial Officer

20+ years of experience in the global resources industry across corporate and commercial roles. Prior senior Commercial, Investor Relations, Business Development and Information Technology roles within global mineral producer Iluka Resources.

Per-Inge Kruse

Director BD & Strategic Alliances

20+ years of experience in sales, BD and strategic alliances across the automotive and marine industries. Former Executive Director of automotive design and development group FEV's Swedish subsidiary and Head of BD at transport and energy engineering consultancy Ricardo.

Anna Motta

Chief Technology Officer

20+ years of expertise in carbon nanomaterials and extensive experience in managing R&D programs. Formerly the manager of several research programs at Cambridge Graphene Centre with focus on industry partnerships and technology transfer.

Peter French

Environment & Community Manager

25+ years of experience around environmental work in the mining and industrial sector. Previously worked as an independent consultant to a range of mining operations and has spent most of the past 15 years managing mine and industrial permitting processes.

Eva Pijnenburg

Director People & Culture, Health & Safety

20+ years experience across a range of HR management and recruitment consultancy positions. A strong background in labor law and negotiations, as well as HR department and process development to support people and company culture.

Talga

Corporate overview

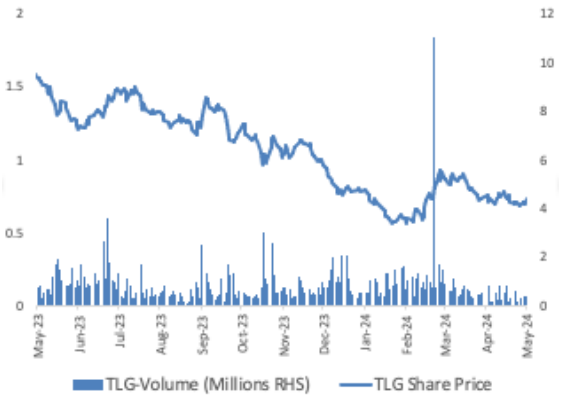
Capital Structure	
Market Capitalisation	$277.2M
Listed Shares	379.8M
Unlisted Options	13.4M[1]
Cash as at 31 Mar 2024	$21.2M

Major shareholders	
Pentwater Capital Management	4.2%
Mark Thompson – M Director	3.8%
Yandal Investments	1.6%
Ellerston Capital	1.5%

Talga entered the ASX 300 on 20 March 2023, with research coverage by the following brokers:

MACQUARIE
UBS
EUROZ HARTLEYS
PETRA CAPITAL
BELL POTTER
LONGSPUR CAPITAL

Share price (1 year)



Note: Market capitalisation as at 1 May 2024, shareholder register as at 8 April 2024.
(1) Unlisted options include performance rights subject to vesting conditions.

For personal use only

For personal use only

talga

Sweden

Talga AB & Talga Battery Metals AB
Södra Kungsgatan 5B
972 35 Luleå, Sweden
t: +46 (0) 10-303 71 00
e: kontakt@talga.se

Stockholm Office
Standvägen 7A
114 56 Stockholm, Sweden
e: kontakt@talga.se

Australia

Talga Group Ltd
Suite 3.03, Level 3
46 Colin Street
West Perth, Western Australia 6005
t: +61 8 9481 6667
e: info@talgagroup.com

United Kingdom

Talga Technologies Limited
Conqueror House
Chivers Way
Histon, Cambridge, CB24 9ZR, England
t: +44 1223 420416
e: info.uk@talgagroup.com

Germany

Talga Advanced Materials GmbH
Prof.-Hermann-Klare-Str. 25
07407 Rudolstadt, Germany
t: +49 3672 4766930
e: info.de@talgagroup.com

JORC Graphite Reserve and Resources

For personal use only

Ore Reserve [3, 5]	Tonnes	Graphite (% Cg)
Nunasvaara (JORC 2012)	**2,260,140**	**24.1**
Probable	2,260,140	24.1

Mineral Resources [1, 2, 4, 6, 7, 8]	Tonnes	Graphite (% Cg)
Vittangi (JORC 2012)	**35,020,000**	**23.8**
Indicated	26,691,000	24.3
Inferred	8,329,000	22.1
Jalkunen (JORC 2012)	**31,500,000**	**14.9**
Inferred	31,500,000	14.9
Raitajärvi (JORC 2004)	**4,300,000**	**7.1**
Indicated	3,400,000	7.3
Inferred	900,000	6.4
Total Mineral Resources	**70,820,000**	**18.8**

Note:

1. Mineral resources are inclusive of ore reserves.
2. Mineral Resources are reported at various cut off grades: Vittangi 12.5% Cg, Jalkunen 5% Cg and Raitajärvi 5% Cg.
3. Ore Reserve is reported at a cut off grade of 12% Cg.
4. Errors may exist due to rounding.

See: ASX:TLG (5) 1 July 2021, (6) 6 October 2023, (7) 27 August 2015 and (8) 26 August 2013.

JORC Exploration Target

2021 Exploration Target Vittangi Graphite Project		
Vittangi (JORC 2012)	**Low**	**High**
Tonnage Range	170Mt	200Mt
Grade Range	20% Cg	30% Cg

Note that the potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Talga completed new ground electromagnetic geophysical ("EM") surveys of graphite targets at Vittangi following the 2020 upgrade of the Vittangi graphite resource. The EM survey results have been reviewed in combination with prior Talga geochemical samples collected from the surface within the conductors, which averaged 26.2% graphite ("Cg") (ASX:TLG 15 Nov 2012). Modelling of this data in conjunction with positive outcomes of the Niska underground mining scoping study have enabled a revised JORC-compliant Exploration Target estimate totalling 170-200Mt at 20-30% Cg at Vittangi (ASX:TLG 20 Jul 2021). This is a significant increase from the previous 26-46Mt at 20-30% Cg (ASX:TLG 17 Sep 2020). The majority of this estimate is proximal along strike and down dip from Talga's existing Vittangi JORC (2012) graphite resources of 30.1Mt @ 24.1% Cg. Additional targets are located along the mapped graphite units around the greater Nunasvaara Dome area.

New rounds of diamond core drilling commenced at Vittangi in mid-2021. The staged 69 hole diamond drilling program totalling ~8,000m tested parts of the JORC Exploration Target as down-dip extensions of the current JORC Resources as well as shallow subcrop targets between Nunasvaara North and Niska South. Reviews of JORC Exploration Targets will be undertaken where significant changes are indicated by continued exploration.

See Talga's ASX announcement dated 20 July 2021 for further information.

For personal use only

For personal use only

Competent Person Statements

The Vittangi Mineral Resource estimate was first reported in the Company's announcement dated 6 October 2023 titled 'Talga boosts Swedish battery graphite'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Resource estimate in the previous market announcement continue to apply and have not materially changed.

The Nunasvaara Ore Reserve statement was first reported in the Company's announcement dated 1 July 2021 titled 'Robust Vittangi Anode Project DFS'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Reserve estimate in the previous market announcement continue to apply and have not materially changed.

The Jalkunen Mineral Resource estimate was first reported in the Company's announcement dated 27 August 2015 titled 'Talga Trebles Total Graphite Resource to Global Scale'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Resource estimate in the previous market announcement continue to apply and have not materially changed.

The Raitajärvi Mineral Resource estimate was first reported in the Company's announcement dated 26 August 2013 titled '500% Increase to 307,300 Tonnes Contained Graphite in New Resource Upgrade for Talga's Swedish Project'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Resource estimate in the previous market announcement continue to apply and have not materially changed.

The Company first reported the production targets referred to in this presentation in accordance with Listing Rules 5.16 in its announcements titled 'Robust Vittangi Anode Project DFS' dated 1 July 2021 and 'Positive Niska Scoping Study Outlines Pathway to Globally Significant Battery Anode Production' dated 7 December 2020. The Company confirms that all material assumptions underpinning those production targets continue to apply and have not materially changed.

The Information in this presentation that relates to prior exploration results for the Vittangi Graphite Project is extracted from ASX announcements available to view on the Company's website at www.talgagroup.com, with information on the exploration target first released to ASX on 20 July 2021. The Company confirms that it is not aware of any new information or data that materially affects the exploration results included in the relevant original market announcements. The Company confirms that the form and context in which the Competent Person and Qualified Person's findings are presented have not been materially modified from the relevant original market announcements.

The Information in this presentation that relates to prior exploration results for the Aero Project is extracted from ASX announcements available to view on the Company's website at www.talgagroup.com. The Company confirms that it is not aware of any new information or data that materially affects the exploration results included in the relevant original market announcements. The Company confirms that the form and context in which the Competent Person and Qualified Person's findings are presented have not been materially modified from the relevant original market announcements.