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Corporate Information

ASX Code	**TLG**
Shares on issue	**181.9m**
Options (listed)	**44.9m**
Options (unlisted)	**24.8m**

Company Directors

Keith Coughlan
Non-Executive Chairman

Mark Thompson
Managing Director

Grant Mooney
Non-Executive Director

Stephen Lowe
Non-Executive Director

Presentation for Shareholder General Meeting

Advanced materials company, Talga Resources Ltd ("Talga" or "the Company")(ASX: TLG) is pleased to provide a copy of the presentation to be delivered today, 27 July, by Managing Director Mark Thompson at the Company's Shareholder General Meeting.

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

http://www.talgaresources.com/irm/content/presentations.aspx?RID=301

A copy of the Talga Resources Shareholder meeting introduction video can also be found on the website via the link below:

http://www.talgaresources.com/irm/content/videos.aspx?RID=366

For further information, visit www.talgaresources.com or contact:

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Company Secretary
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talga

unearthing tomorrow

General Meeting Presentation

27 July 2016 Perth, Australia.

Forward Looking Statements and Disclaimer:

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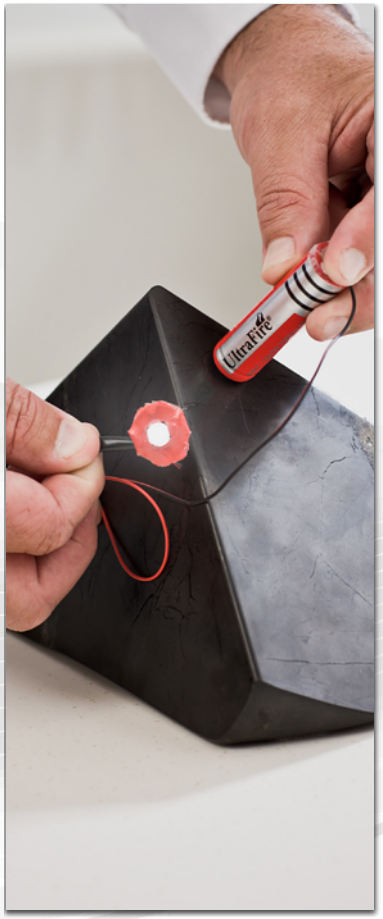
Meeting introduction (video)

- Corporate update: recent placement/new investors
- Business summary & strategy update
- Swedish operations update
- German operations update
- Highlights and upcoming events

For video see http://www.talgaresources.com/irm/content/videos.aspx?RID=366

Corporate Update



- Placement and rights issue of listed options (TLGOA) completed June-July 2016 raised total **~$10.9M**
- Enables **scale up** of next phase of Talga's operations, **accelerated** commercial development and future funding mechanisms
- Placement cornerstoned by Norwegian family office, **Smedvig Group** who invest in fast-growing innovative businesses, backing ambitious teams with the potential to become **market leaders**
- **Strategic Scandinavian** long term investor with co-investor relationships to Pallinghurst, Posco, AMCI Capital, Temasek, Energy and Minerals Group and others
- Extensive **due diligence** completed across Talga operations by successful quality investing group

Corporate Snapshot

Capitalisation Summary 26 July 2016	(AUD$)
Shares on issue **TLG**	**181.9M**
Listed Options **TLGOA** ($0.45 : 31 Dec 18)	**44.9M**
Unlisted Options[1]	**24.8M**
Market Capitalisation (undiluted @ $0.295)	**$54M**

Board

Managing Director - **Mark Thompson**

Chairman - **Keith Coughlan**

Non-Executive - **Grant Mooney**

Non-Executive - **Stephen Lowe**

Cash approximately **~$12 million**. Nil Debt.

Top 5 Shareholders [2]	
Smedvig G P Ltd	**10.8%**
Lateral Minerals Pty Ltd (M.Thompson)	**7.8%**
Kamberg Investments Ltd	**3.3%**
Yandal Investments Pty Ltd (M. Creasy)	**3.0%**
Pelmer Securities S A	**2.5%**

ASX: TLG year to date share price

[1] Various expiry and strike prices $0.42-$0.65 [2] Holdings rounded to nearest decimal point, as at 21 July 2016

Board and Management Introduction

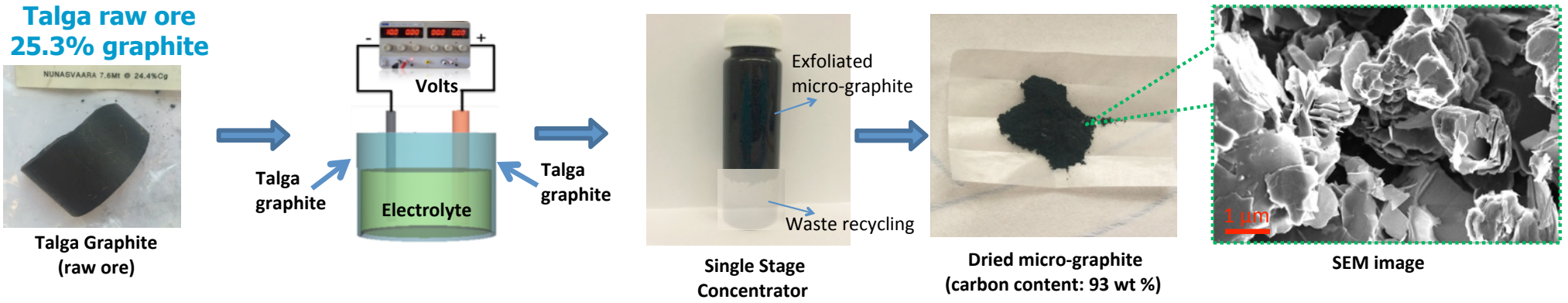
Mark Thompson
Managing Director
+25 years international industry experience in mineral exploration and mining management. Member of the Australian Institute of Geoscientists and the Society of Economic Geologists, guest Professor in Mineral Exploration Technology at Chengdu University of Technology and the Southwest University of Science and Technology in China. Mr Thompson currently serves as a Non-Executive Director of Phosphate Australia Ltd.

Keith Coughlan
Non-Executive Chairman
+30 years' experience in stockbroking/funds management. Largely involved in the funding and promoting of resource companies listed on the ASX, AIM and TSX. Advised various companies on the identification/acquisition of resource projects and previously employed by one of Australia's then largest funds management organisations.
Mr Coughlan is currently the managing director of ASX listed European Metals Holdings Limited.

Grant Mooney
Non-Executive Director
Mr Mooney has extensive experience in resources and technology markets. Has served as Director and Company Secretary to several ASX listed companies including Director of renewable energy developer, Carnegie Wave Energy Ltd, Barra Resources Ltd, Phosphate Australia Ltd and Wild Acre Metals Limited. Mr Mooney is a member of the Institute of Chartered Accountants Australia.

Stephen Lowe
Non-Executive Director
Mr Lowe's background is in business management and taxation and he has over 18 years' experience consulting to a range of corporate and high wealth clients. Mr Lowe is currently a non-executive director of Corizon Resources Ltd and Windward Resources Ltd and a former Chairman and non-executive director of ASX 200 company Sirius Resources NL. Mr Lowe is a Fellow of the Taxation Institute of Australia and a Member of the Australian Institute of Company Directors.

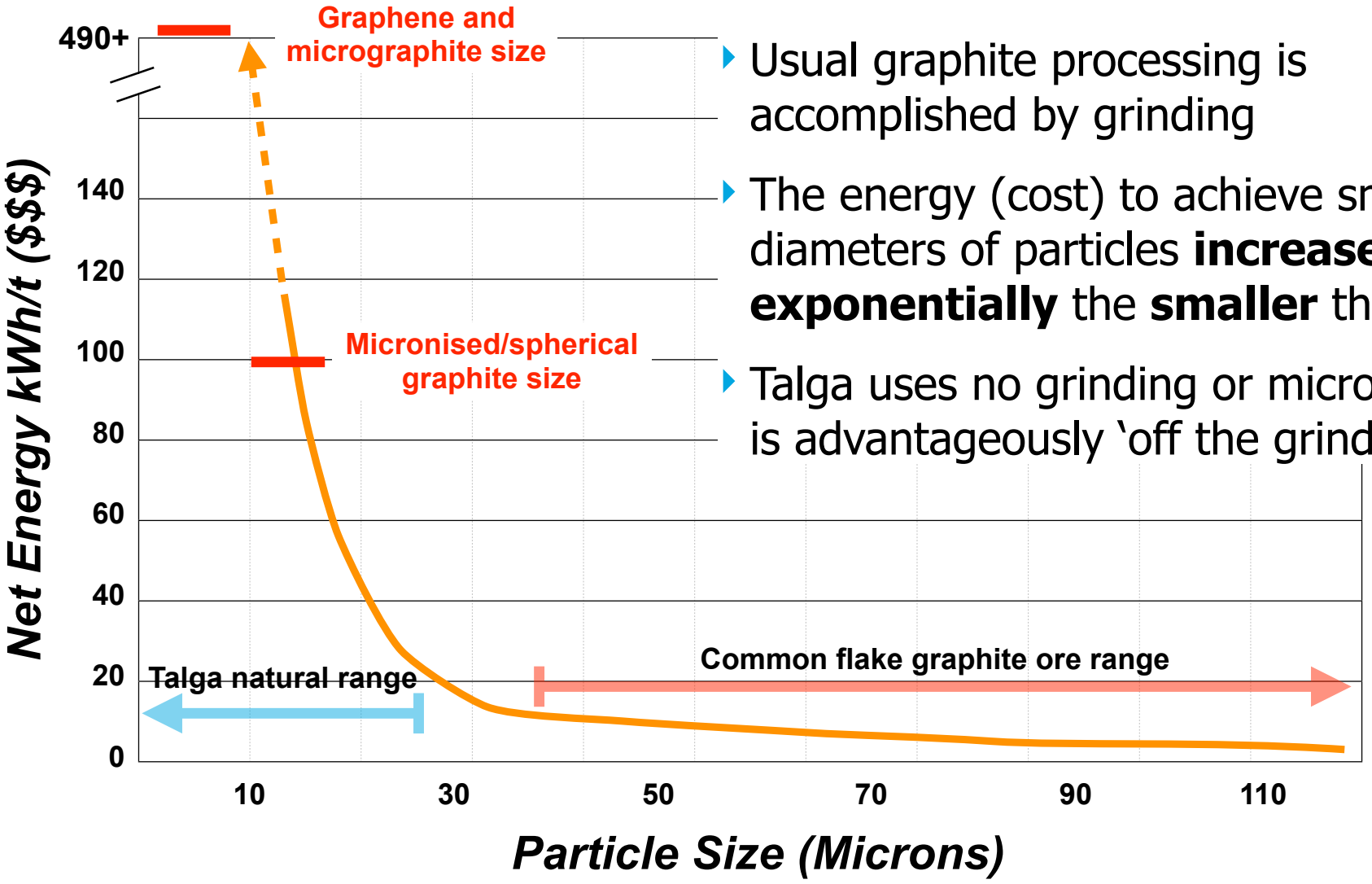
Graphene and Graphite Production Technology



- Patent pending technology liberates **graphene and micrographite** directly from **raw ore**
- **Process** requires **no crushing, no grinding, no jet milling**
- Makes **ultrafine** and **ultrathin** size particles **without** rounded edges, a type of material not previously available **economically** at this **scale**
- Lowers **energy**, **costs** and **emissions of graphene production**
- Higher **performance** in applications

see http://www.techmetalsresearch.com/metrics-indices/tmr-advanced-graphite-projects-index/

Advantage over Peers - Grinding/micronising



- Usual graphite processing is accomplished by grinding
- The energy (cost) to achieve small diameters of particles **increases exponentially** the **smaller** the grind.
- Talga uses no grinding or micronising, so is advantageously 'off the grind curve'.

Ball mill grind to 80% passing size (microns) using 9mm ball media. Published mine data.

Talga Projects and Markets

PRODUCTS AND APPLICATIONS

GRAPHENE

vFLG = Very Few Layer Graphene (1-3 sheets)
Flexible electronics, Water membranes, Bio-tech

FLG = Few Layer Graphene (2-5 sheets)
Sensors, Conductive ink, Li-Air batteries

MLG = Multilayer Graphene (3-10 sheets)
Functional coatings, Composites, Plastics

GNP = Graphene Nano Platelets (10-150 sheets)
Functional coatings, Fuel cells, Cement and road additives

GRAPHITE

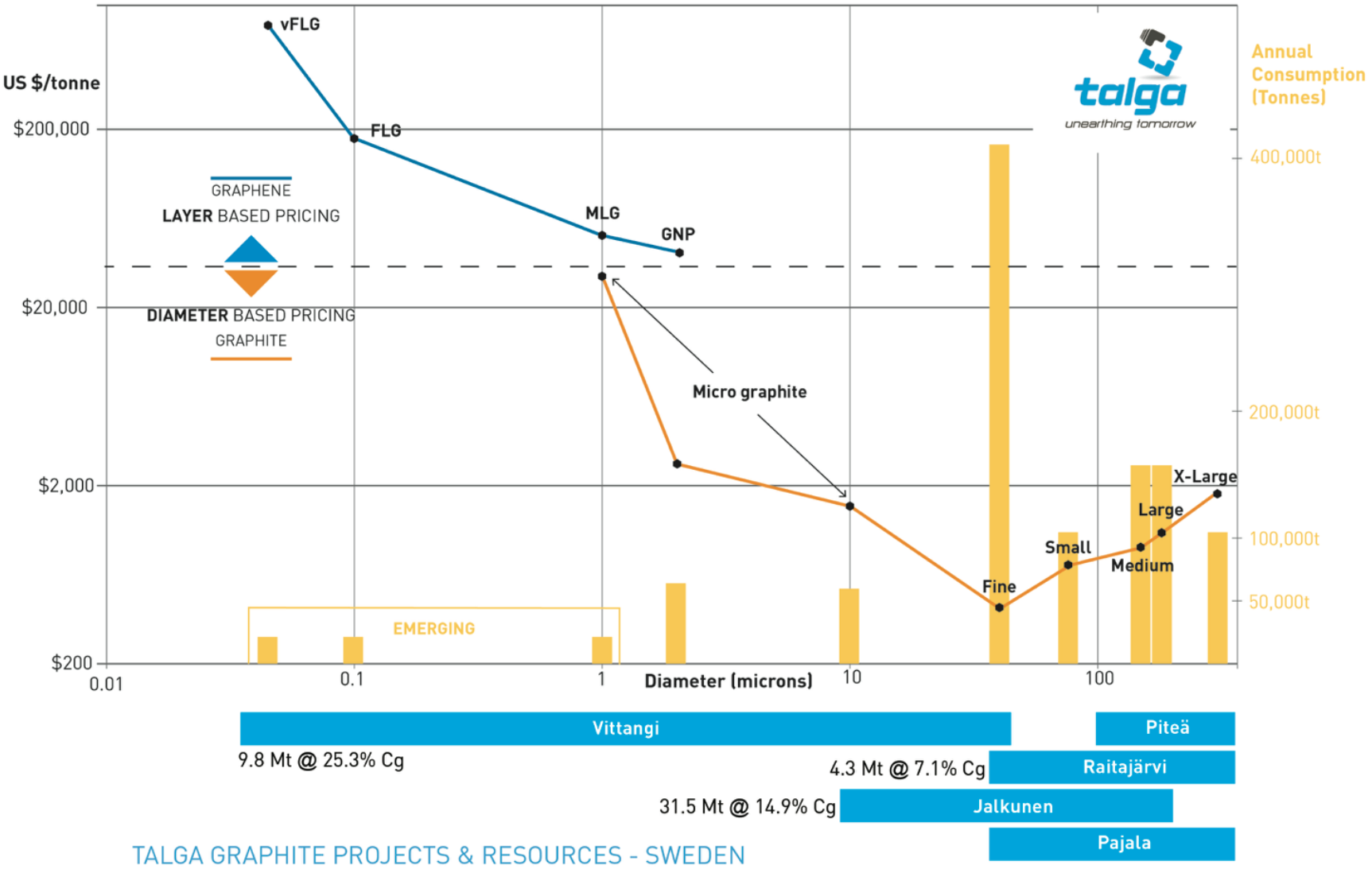
Micro to X-Large = Flake graphite (>3,000 sheets)

Micro - Insulation and construction products, Lubricants, Pencils, Flame retardants, Additives, Li-Ion batteries

Fine - Refractories

Small-Large - Recarburisers, Li-Ion batteries

X-Large - Various industrial uses



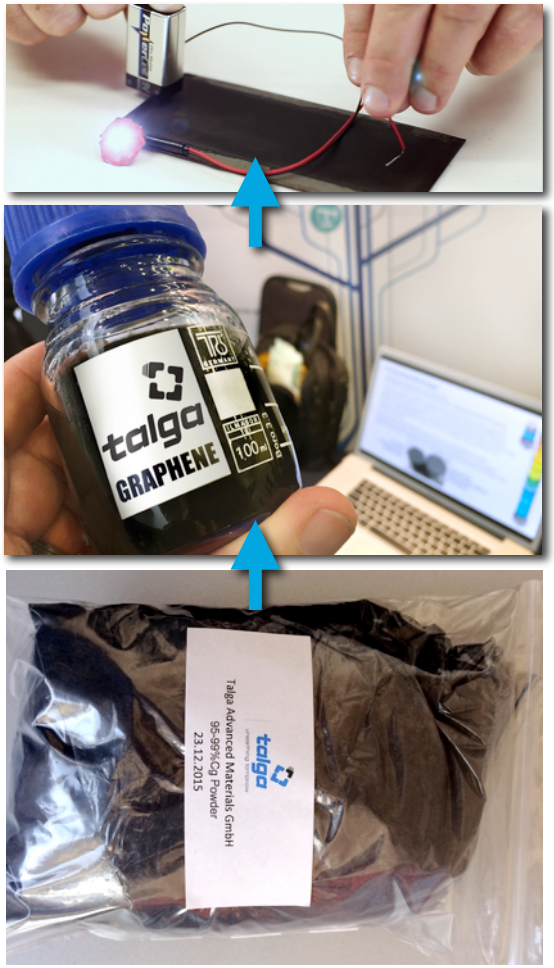
References: Reports of Benchmark Minerals, Industrial Minerals, Fullerex, Roskills, Prographit, internal reports and personal communications.

Graphene Products Business Strategy

Dr Siva Bohm at Talga Advanced Materials GmbH, Germany

- Plan to manufacture targeted 'fit for purpose' graphene **products** to complement supply of raw graphene and graphite materials
- Potential **licence** income streams with third parties using **patent-protected** Talga products and systems
- Strategy to realise revenue opportunities during **pilot processing stage**, prior to full-scale production
- New **Chief Technology Officer** Dr Siva Bohm appointed to lead product development
- Phase 2 pilot test work and team **expanding supply capability** and design to further upscale
- Product, as opposed to raw material, testing will allow more rapid in-house and industry partner testing campaigns, field and benchmarking trials to demonstrate tangible outcomes and commercial progress

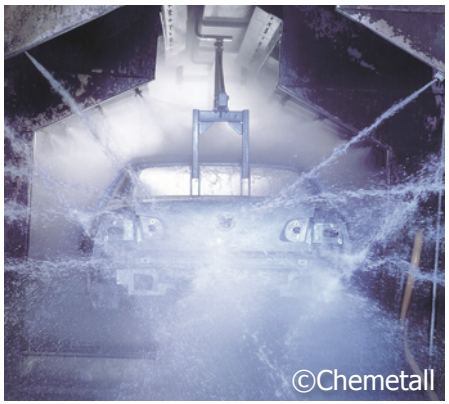
Commercialisation Platform



- Work to date includes collaborations with universities and major corporations, as well as sample/product analysis and feedback.
- Talga now has sufficient development, people and scale to make value-added products and formulations, protecting intellectual property around those and moving to a higher level relationship with customers.
- Value-added products will reduce roadblocks such as material handling difficulties and delays on raw material testing results
- Marketing patent protected products and systems creates opportunities to licence the systems for both superior margins and shorter path to market
- New product focus extends work programs already undertaken and underway, however approach is now structured and supports revenues in the shortest possible timeframe

Target Product Sectors

Coatings

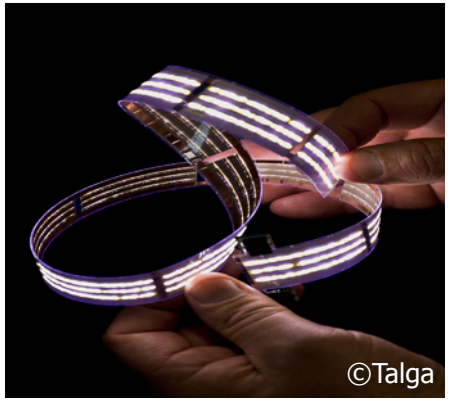


Corrosion Protection
Market Size: $11B (2013)
Metal pretreatments for steel, aluminium, zinc and magnesium.
Anti-corrosion and anti-fouling coatings

Energy

Batteries & Membranes
Market Size: $24B Batteries, $17B Membranes
Conductive materials for Li-ion & Flow batteries.
Filters and separators for Fuel Cells, desalination and other industrial uses

Conductives



Conductive Ink
Market Size: $18B (2015)
Printable conductive ink for circuits in solar photovoltaics, packaging, pharmaceuticals, wearables and hybrid polymers (plastics)

Construction

Concrete
Market Size: $450B (2012)
Conductive concrete for snow-free roads, driveways, underfloor-heating and other functional concrete

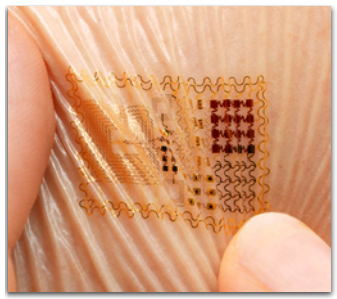
Market size sources: Reports from IDTechX, Freedonia, www.corrosion.org, Market and Markets, Future Markets Insight, BCC research, www.energy.gov, www.cam.ac.uk

Product - Conductive Ink

Printed conductive ink - PV Panels

Packaging

Medical



Automotive

- **Current** conductive ink market relies on nano-silver and carbon black which are high cost and have limited functionality
- Demand for silver in solar industry **78 million ounces** in 2015, **up 23%** over 2014*
- Graphene conductive ink can be lower cost and higher performing in some applications
- Emerging markets abound across packaging, wearable and pharmaceutical markets
  - Talga is developing a conductive ink targeting these markets in addition to making hybrid conductive polymers (plastic) to enable lighter electric vehicles, thereby increasing **range** and **performance**
  - Preliminary tests with industry **promising**, expanded programs being scoped

* http://investorintel.com/technology-metals-intel/silvers-cleantech-appeal-burnished-by-solar-power-boom/

Product - Cement Additive for Conductive Concrete

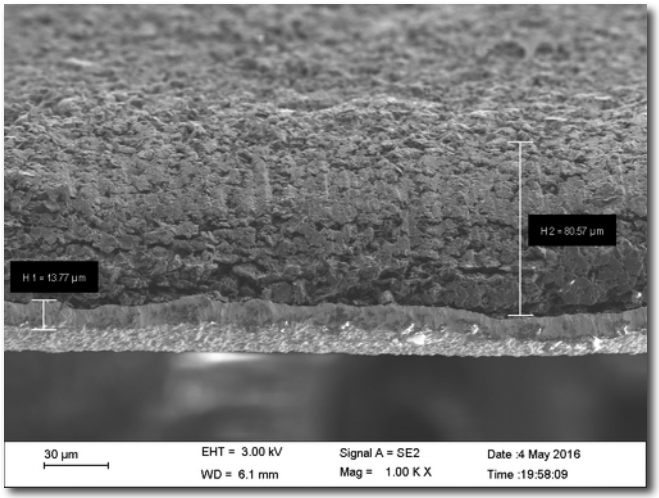
Municipal level road heating installation

Domestic driveway heating installation

- Talga has been collaborating with a European cement company to produce a graphene additive to make concrete **conductive**
- This would enable low voltage electric current to cause **warming** throughout the material without the need for high maintenance 'tube and wire' systems
- **Large volume** markets exist for **ice and snow-free** roads/ rail crossings, bridges, footpaths, outdoor stairs and airport aprons as well as underfloor heating and driveways
- Initial sample testwork has **commenced** and looking to undertake research with European university to provide trial data to support industry adoption and further partnerships
- Graphene oxide has been shown to increase concrete **strength** similar to carbon nanotubes (eg, Edencrete) and this shall also be investigated secondarily to conductivity

Product - Li-ion Battery anodes and Coatings

Talga test battery anode preparation



Talga test battery anode section

- Unique methods used to create Li-ion 'coin cell' batteries using Talga material, can be **scaled up** for future roll to roll anode preparation
- No grinding and micronising costs
- **Max Planck Institute** and **TU-Dresden** tests highlight less process steps used by Talga in achieving ~360mAh/g Li-ion battery anode graphite
- Further tests underway on larger scale programs at EIC Warwick UK and with battery manufacturer in USA
- At Warwick fabrication of the battery anodes has been succesful and performance testing has commenced for longevity (up to 1,000 charge-discharge cycles) which takes time
- Aim to move to larger pouch type cells relevant to many larger scale applications

Talga's Europe Operations

Product Development and Research

- Technical Uni of Dresden/Max Planck
- Friedrich-Schiller-University Jena
- Associate Member EU Graphene Flagship

Industry in local area

- Potential end users

Sweden Operations

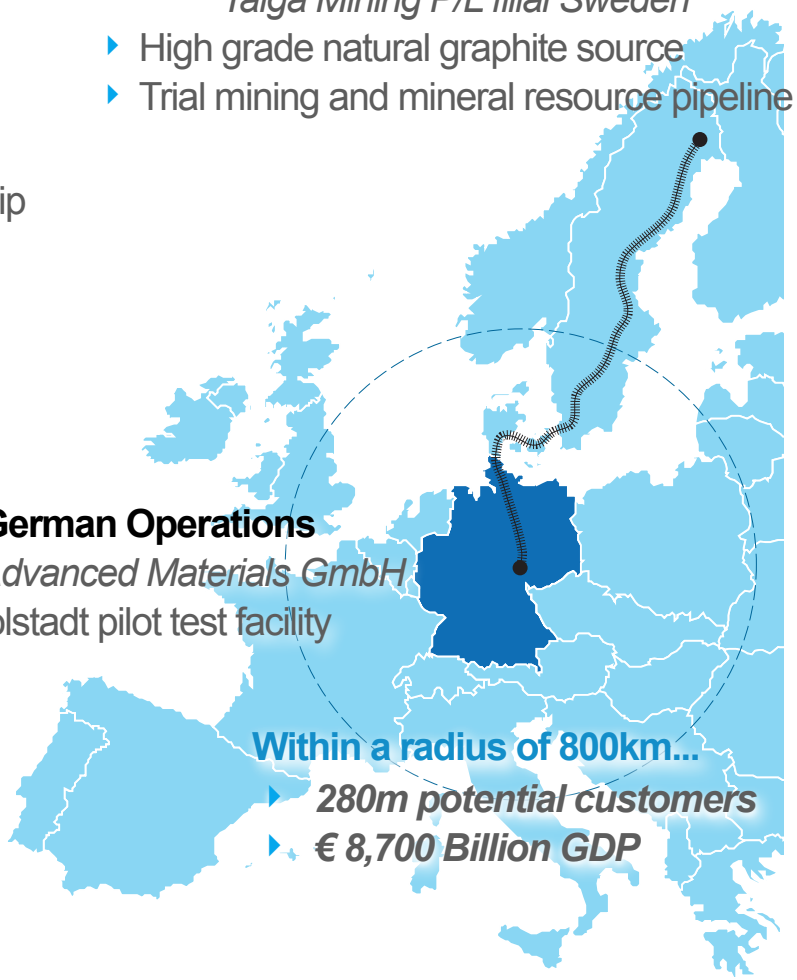
Talga Mining P/L filial Sweden

- High grade natural graphite source
- Trial mining and mineral resource pipeline

German Operations

Talga Advanced Materials GmbH

- Rudolstadt pilot test facility

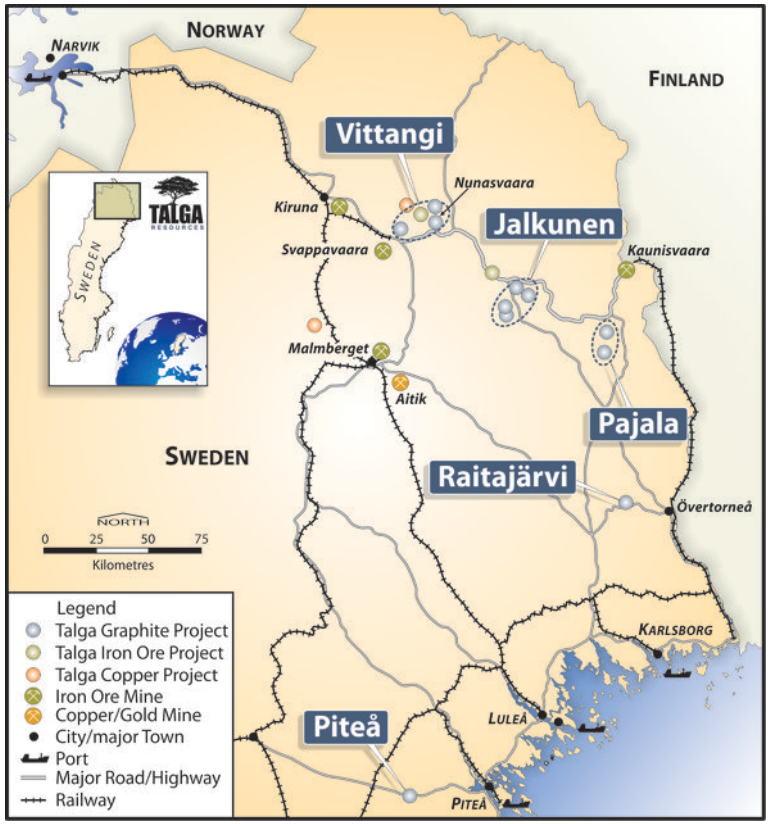


Consultants

- General Research GmbH
- Conduit to research, industry, local finance

Source for Data and Companies operating facilities near Rudolstadt: State Development Corporation of Thuringia Presentation 2014

Sweden Operations



- **100% ownership** of **five** graphite projects in Sweden containing **multiple deposits and resources**
- Graphite deposit pipeline includes **full range** of graphite flake sizes from graphene to jumbo flake
- Current JORC compliant Mineral Resources*

Project	Tonnes	Graphite Grade
Vittangi	**9,800,000**	**25.3 %Cg**
Jalkunen	**31,500,000**	**14.9 %Cg**
Raitajärvi	**4,300,000**	**7.1 %Cg**

- Current JORC compliant Exploration Targets* 0-100m Depth

0-100m	Tonnes	Graphite (%Cg)
Total	**136-250,000,000**	**18-25**

Note: The Exploration Target is based on a number of assumptions and limitations with the potential grade and quantity being conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource Estimate in accordance with the JORC Code and it is uncertain if future exploration will result in the estimation of a Mineral Resource.

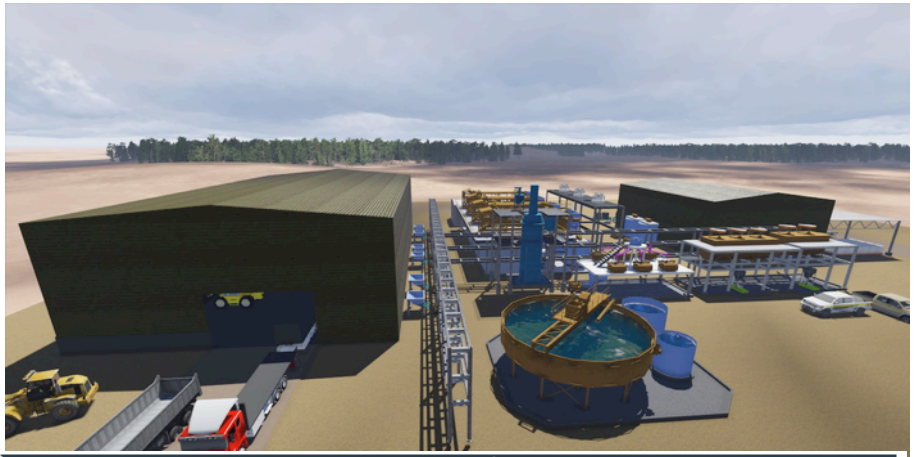
*See Appendix 1 for resource and exploration target details

Vittangi Graphite Project

Trial Mining 2016

- **Innovative** and **low environmental impact** graphite ore mining technique
- **Improved mining efficiencies** by adopting larger, tailor-made and automated ore block cutting equipment
- This campaign scheduled to be complete by **30 September 2016** with permit valid to 2018
- Target ~2,500 tonnes in 2016 to **feed upscaled** pilot test work and product development
- Provides **quality data** for planning inputs
- Blocks to be stored in **Sweden** and delivered to pilot test plant as required

Sweden Development



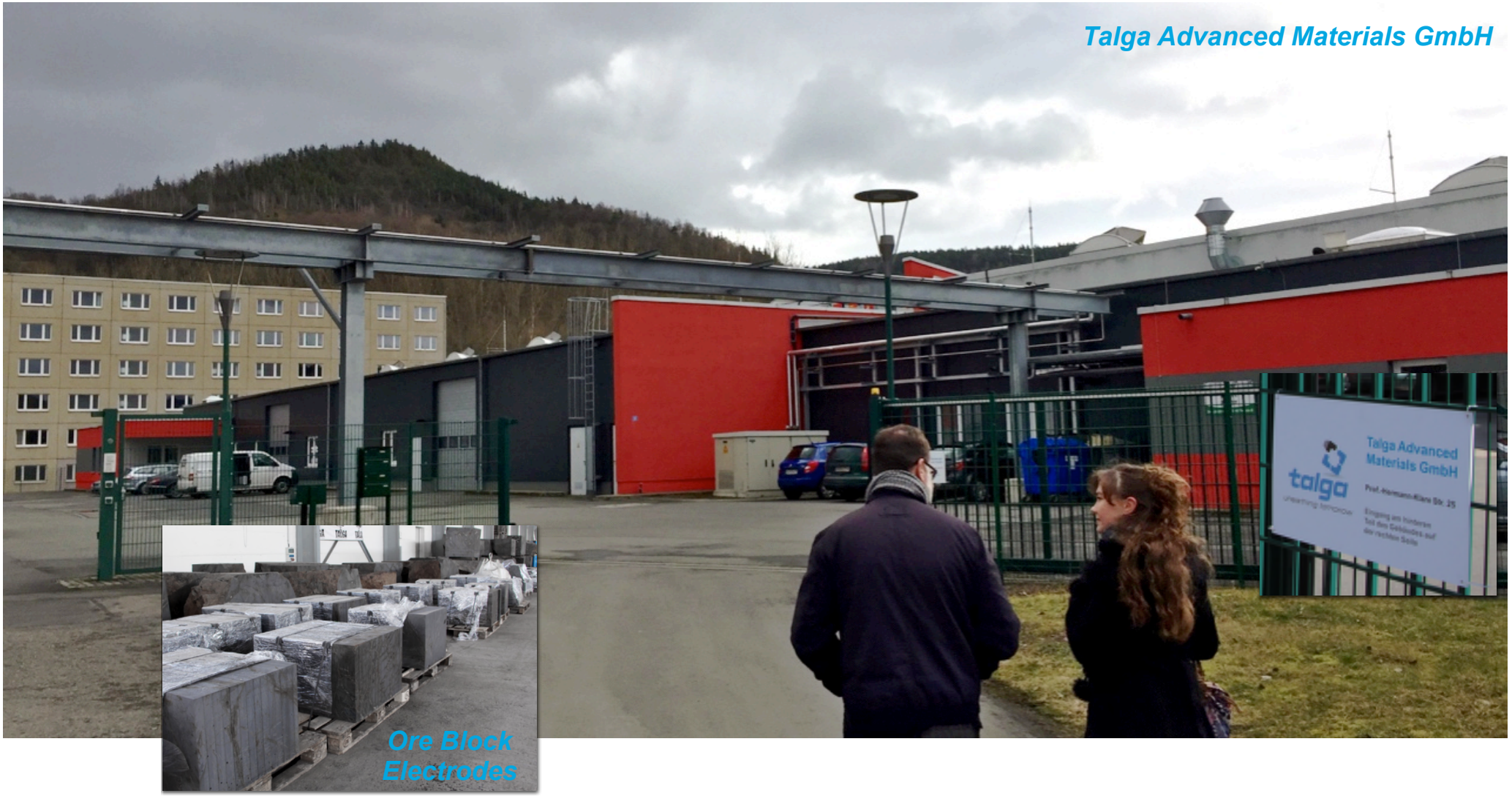
Items		Base Case
Plant throughput	(tpa)	250,000
Diluted Feed Grade	(%)	23.6*
Graphite production	(tpa)	~46,000
Graphene production	(tpa)	~1,000
Life of Mine Strip Ratio	W:O	4:1
Graphite price assumption	(USD$/t)	480
Graphene price assumption	(USD$/t)	55,000
Capital cost	(AUD$m)	29.3
Mine Life	(years)	19.7
Discount Rate	(%)	12
Pre Tax Net Present Value (NPV)**	(AUD$m)	~490
Payback from construction start	(years)	1.4

**Feed grade after mining dilution factors. ** Pre-tax and other impositions but including state and private royalties.*

- Following successful scale up in Germany, full scale development planned for Sweden
- 2014 Scoping study[a] ~20 years 250,000 tpa ore producing approximately **40,000t** graphite, **6,000t** micrographite and **1,000t** graphene
- Low **capital cost A$29.3m** as no crushing/grinding circuit and ancillaries
- **Conservative** assumptions - work since 2014 supports approach and does **not** require graphene to be financially robust
- Exploitation licence work and permitting underway iterative with **process technology** and **customer development** milestones
- **Drill testing** of resource extensions and regional deposit pipeline planned commence **August** 2016

[a] For details see Scoping Study released to ASX 9 October 2014. No material parameters have changed since that date.

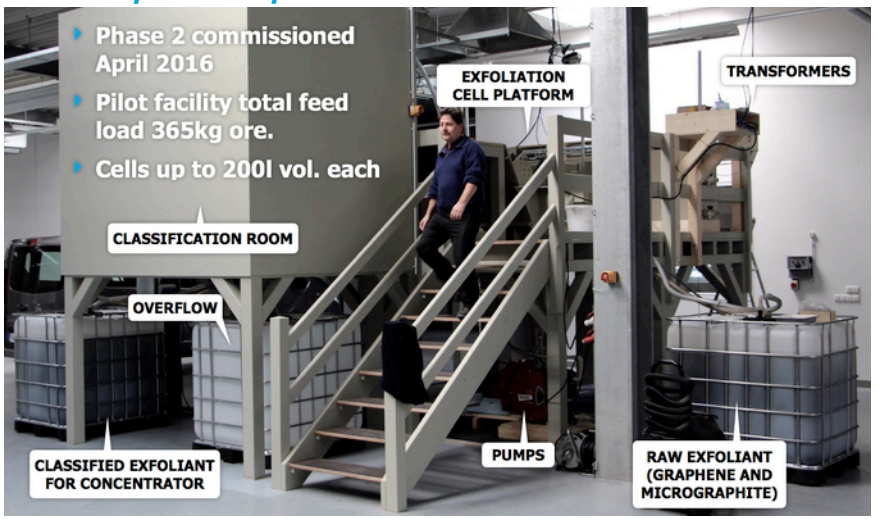
Germany Operations - Talga Pilot Test Facility



Pilot Test Plant Expansion

- **Pilot test-work underway** in Talga's facility in Rudolstadt, Germany (9 full-time employees) using trial mined Vittangi graphite ore
- **3 phases** to upscaling process - first phase (10kg feed/cell) **complete**, second phase (total 365kg feed) commenced commissioning April 2016 and beneficiation section being brought **online**
- Focus previously on samples now on **commercial product development** and customer relationships - range of graphene to micro-nano graphite products being delivered to industry and program partners now
- Future full scale processing planned to shift from Germany to **Sweden** once statutory permitting completed - process commenced.

Phase 2 pilot test platform



Portion of graphene coating product for customer test program, Talga Advanced Materials GmbH

Talga Highlights and Upcoming Newsflow

- World's **highest grade** graphite JORC or NI43-101 **mineral resource**
- World first processing technology for **industrial scale** graphite and graphene production potential
- **Well funded** to **expand** graphite supply and pilot test-work facility to enable **product development** and commercialisation opportunities
- Sweden: Trial mining underway and **drilling to commence** in **August** on Nunasvaara North resource definition and regional targets
- Germany: Pilot plant phase 2 commissioning **completion**
- Product development phases: **Results** of in-house, academic and industry testing program results including but not limited to **coatings**, **batteries** and conductive ink **products** along with related **patents** and **customer development** news indicating commercial milestones.

Appendix 1

JORC Mineral Resources and Exploration targets

Nunasvaara *JORC (2012) Mineral Resource[1] (10% Cg cut-off)*

JORC 2012 Classification	Tonnes	Graphite (%Cg)
Indicated	6,900,000	24.2
Inferred	2,900,000	28.1
Total	***9,800,000***	***25.3***

Jalkunen *JORC (2012) Mineral Resource (5% Cg cut-off)*

JORC 2012 Classification	Tonnes	Graphite (%Cg)
Inferred	***31,500,000***	***14.9***

Raitajärvi *JORC (2004) Mineral Resource[1] (5% Cg cut-off)*

JORC 2004 Classification	Tonnes	Graphite (%Cg)
Indicated	3,400,000	7.3
Inferred	900,000	6.4
Total	***4,300,000***	***7.1***

Talga Graphite Exploration Targets [2]

Project	Exploration Target	Tonnes (0-100m Vertical Depth)		Graphite (% Cg)	
		Min.	Max.	Min.	Max.
Vittangi	Nunasvaara	62,400,000	93,600,000	20	30
	Kotajärvi	16,640,000	30,160,000	20	25
	Maltosrova	20,800,000	52,000,000	20	25
Jalkunen	Tiankijokki	2,600,000	5,200,000	15	25
	Nybrännan	5,200,000	10,400,000	20	30
	Suinavaara	2,600,000	5,720,000	15	25
	Lautakoski	26,000,000	52,000,000	15	25
	Subtotal	136,240,000	249,080,000	19	27
	Rounded Total	***136,000,000***	***250,000,000***	***18***	***25***

1 Note: This information was prepared and first disclosed under the JORC code 2004. It has not been updated since to comply with the JORC code 2012 on the basis that the information has not materially changed since it was last reported. The Company is not aware of any new information or data that materially affects the information included in the previous announcement and that all of the previous assumptions and technical parameters underpinning the estimates in the previous announcement have not materially changed.

2 Note: The Exploration Target is based on a number of assumptions and limitations with the potential grade and quantity being conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource Estimate in accordance with the JORC Code and it is uncertain if future exploration will result in the estimation of a Mineral Resource.

Appendix and Statements

References

#) see http://www.techmetalsresearch.com/metrics-indices/tmr-advanced-graphite-projects-index/

* see Industrial Minerals Natural Graphite report 2012, unpublished internal reports for Talga, and Scoping Study released to ASX 9 October 2014.

NB) any data not specifically referenced is based on personal communications with industry participants where appropriate and/or unpublished technical research.

Cautionary Statement

The scoping study referred to in this report is based on low level technical and economic assessments, and is insufficient to support estimation and economic assessments, and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or to provide certainty that the conclusion of the scoping study will be realised. The Company confirms that all material assumptions and technical parameters underpinning the scoping study results and projections in this release continue to apply and have not materially changed. The use of the word "ore" in the context of this report does not support the definition of 'Ore Reserves' as defined by the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". The word 'ore' is used in this report to give an indication of quality and quantity of mineralised material that would be fed to the processing plant and is not to assumed that 'ore' will provide assurance of an economic development case at this stage, or to provide certainty that the conclusion of the scoping study will be realised.

Competent Person's Statement

The information in this report that relates to Exploration Results and Exploration Targets is based on information compiled and reviewed by Mr Simon Coxhell, a consultant to the Company and a member of the Australian Institute of Mining and Metallurgy and Mr Mark Thompson, who is an employee of the Company and a member of the Australian Institute of Geoscientists. Mr Thompson and Mr Coxhell have sufficient experience which is relevant to the activity which is being undertaken to qualify as a "Competent Person" as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, mineral Resources and Ore Reserves" ("JORC Code"). Mr Thompson and Mr Coxhell consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to Resource Estimation is based on information compiled and reviewed by Mr Simon Coxhell. Mr Coxhell is a consultant to the Company and a member of the Australian Institute of Mining and Metallurgy. Mr Coxhell has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this document and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("JORC Code"). Mr Coxhell consents to the inclusion in this report of the Matters based on this information in the form and context in which it appears.