



## TALGA'S FIRST GRAPHENE SALE: TO GERMAN TECHNOLOGY GROUP

### HIGHLIGHTS

- First sale of graphene products from Talga's 100%-owned Nunasvaara graphite/graphene project in northern Sweden
- Sale made to German Nano-to-3D printing technology company as part of ongoing product and market development
- Endorsement of Company's graphene characteristics with end users ultimately looking to secure industrial scale bulk supply

Talga Resources Limited (ASX:TLG) ("Talga" or "the Company") is pleased to announce the first sale of graphene produced from the Company's wholly-owned Nunasvaara graphite deposit in north Sweden.

Talga's graphene was produced during metallurgical testing on existing drillcores from Nunasvaara, part of a consignment of several tonnes of drill samples from 2012 resource definition which are currently being processed in Perth as part of Talga's preliminary economic study ("**Scoping Study**"). Although most of the graphene produced to date is for internal process and product development, a minor portion has been distributed to potential customers in Europe during recent visits by Talga staff.

A sample of Talga's graphene from the above mentioned testwork has now been trialled and purchased by Germany's Norderstedt-based Microdrop Technologies GmbH, a leading international provider of Nano-to-3D printing solutions. The specifics and terms of the sale are confidential however the pricing data will assist benchmark product pricing for the financial modelling component of the Nunasvaara Scoping Study that is underway.

As highlighted in the Company's recent presentation (see ASX:TLG 11 July 2014), current lab and benchtop scale production of graphene will be ongoing until a bulk sample program and pilot plant in northern Sweden can be achieved, targeting larger sample sizes from mid-2015 and thereafter to potential full scale development.

**Microdrop Technologies GmbH Managing Director, Mr Wilhelm Meyer**

*"Our initial tests of the graphene provided by Talga exhibited excellent quality and characteristics for applications in micro printing, 3D printing and other related applications. Microdrop is now employing Talga's graphene in several advanced tests for applications such as conductive inks, biochips, biomedicine and nanocoatings."*

**Talga Resources Ltd Managing Director, Mr Mark Thompson**

*"I am delighted with the outcome of our collaboration with Microdrop Technologies. Talga's first graphene sale only several months after announcing our breakthrough 1-step graphene production pathway is extremely encouraging. Additionally, the sale validates the Company's graphene strategy – one that was well received following investor and industry presentations this year in Manchester in the United Kingdom and also during customer development initiatives within European research and commercial markets. Germany is an acknowledged global centre of engineering excellence and the 4th largest economy in the world. We see this first commercial sale as a*

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### Corporate Information

ASX Code **TLG**

Shares on issue **124.6m**

Options (listed) **7.75m**

Options (unlisted) **6.25m**

### Company Directors

**Keith Coughlan**

Non-Executive Chairman

**Mark Thompson**

Managing Director

**Grant Mooney**

Non-Executive Director

 **ASX Code: TLG**

*platform from which to underpin further productive relations with Microdrop Technologies and other nano-technology consumers across Europe."*

#### About Microdrop

**Microdrop Technologies GmbH** is a private company and leading provider of equipment, software and services for advanced precision microdispensing and inkjet printing applications. Microdrop's team of scientists, engineers and technicians has more than 20 years of experience in inkjet-technology and micro-fluidics. Based at Norderstedt, near Hamburg in northern Germany, the company focuses on high quality products and services for industrial applications as well as for research and development purposes.

The company's products range from single dispenser systems up to sophisticated Autodrop Platforms (including 'glove box' and production scale systems) for the precision microdispensing of materials in application areas including; **Printed Electronics** (nano particles, conductive adhesives and polymers, RFID-Tags), **3-D Printing** (hotmelts, rapid prototyping, bio-fabrication), **Sensors and Diagnostic Chips** (DNA, proteins, enzymes and cells, conductive tracks), **Polymer Research** (coatings, suspensions, dispersions and photonic crystals), **MicroBonding** (microlenses, optical fibres and connectors), and **Medical Engineering** (coating of implants, tissue engineering, high- throughput screening).

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Talga Resources project locations in north Sweden.

