

## TALGA APPOINTS SENIOR BATTERY SCIENTIST

### Talga Resources Ltd

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### Corporate Information

ASX Codes **TLG, TLGOA**

Shares on issue **203.2m**

Options (listed) **44.7m**

Options (unlisted) **32.8m**

### Company Directors

#### Terry Stinson

Non-Executive Chairman

#### Mark Thompson

Managing Director

#### Grant Mooney

Non-Executive Director

#### Stephen Lowe

Non-Executive Director

#### Ola Mørkved Rinnan

Non-Executive Director

Australian advanced material technology company, Talga Resources Ltd (“**Talga**” or “**the Company**”) (**ASX:TLG**), is pleased to welcome respected battery scientist, Dr Fengming Liu, to its growing battery technologies division within the Company’s UK product development team.

His Cambridge-based appointment as Senior Scientist - Batteries sees him responsible for developing graphene for silicon and other new generation Li-ion battery anodes under ‘Safevolt’, a Talga-led project granted financial assistance under the UK Government’s ‘Faraday’ program.

Dr Liu has 11 years industry experience in silicon-based Li-ion battery material synthesis and formulation development. He was a co-founder and senior scientist for UK-based silicon anode specialist, Nexeon Ltd, where his role included leading the development of high-performance battery anodes aimed at the consumer electronics, electric vehicles, stationery storage, aerospace, medical, and defence industries worldwide.

Dr Liu holds a Masters and PhD in Electrochemistry from Xiamen University, China, and is responsible for 10 Li-ion anode related patents to date.

### Talga Managing Director Mark Thompson:

*“Dr Liu further strengthens Talga’s battery product development capabilities and provides valuable experience in our active Faraday anode programs where graphene enables silicon and other high energy anode technologies.*

*“Additionally, there is a market trend to Li-ion batteries with higher capacity by using increasing amounts of silicon in the anode. This could potentially increase volumetric capacity by 1.8x over today’s batteries, if you can stop the silicon cracking and failing due to volume change during charging. Some companies such as Samsung have used graphene coatings on the silicon to achieve these higher levels.*

*“We expect this trend to continue and Talga is positioning itself for the global opportunities arising from this shift, utilising our uniquely conductive Swedish graphite deposits and in-house battery material technologies.”*

Talga is building a business based on commercialisation of its Swedish raw graphite and graphene materials for sale to worldwide markets, with the strategy of developing ‘fit for purpose’ products within four prime global industry sectors - Coatings, Composites, Construction and Batteries.

For further information, visit [www.talgaresources.com](http://www.talgaresources.com) or contact:

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