



## GERMAN SITE CHOSEN FOR TALGA'S GRAPHENE DEMONSTRATION PLANT

### Talga Resources Ltd

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### Corporate Information

ASX Code **TLG/TLGO**

Shares on issue **138.36m**

Options (unlisted) **11.90m**

Options (listed) **7.71m**

### Company Directors

**Keith Coughlan**

Non-Executive Chairman

**Mark Thompson**

Managing Director

**Grant Mooney**

Non-Executive Director

### Highlights:

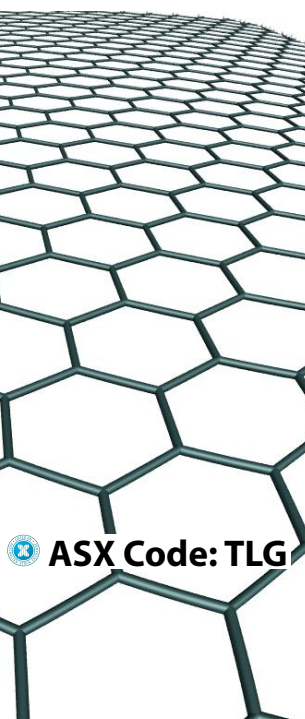
- Site selected in central German industrial hub for Talga's graphene demonstration plant
- Facilities at Rudolstadt chemical processing estate in the state of Thuringia include 1,248m<sup>2</sup> production area, 323m<sup>2</sup> office space and 1,167m<sup>2</sup> ore dressing/warehouse
- Thuringian State Minister for Economic Affairs and Science, Mr. Wolfgang Tiefensee, confirms Talga has full State backing including access to all R&D and other subsidy programs
- Site selection allows securing equipment and staff to commence graphene processing in July from graphite material mined at Vittangi

Technology materials development company, **Talga Resources Ltd** (ASX: TLG) ("Talga" or "the Company") is pleased to advise that it has chosen a leased site in central Germany on which to build the Company's graphite-to-graphene demonstration plant. With facilities chosen, Talga can make preparations to commence next stage upscaling work on graphite ore mined from Talga's flagship Vittangi project in Sweden, as early as July this year.

The German site is within the Rudolstadt-Schwarza ("Rudolstadt") chemical processing hub in the state of Thuringia near the major regional town of Jena. The government owned facility built in 2008 includes a 1,248m<sup>2</sup> production area with attached 323m<sup>2</sup> office space and an adjacent 1,167m<sup>2</sup> ore dressing/warehouse.

The leasing deal is part of Talga's strategy to capitalise on commercial opportunities presenting themselves in the region where graphene technologists and end-users are requiring near term large graphene samples. The plant will demonstrate commercial scale direct ore-to-graphene process technology capable of delivering industrial volumes for customer samples and/

**Fig 1** Talga's Managing Director Mr Mark Thompson with Thuringian State Minister for Economic Affairs and Science, Mr. Wolfgang Tiefensee.



or sale. Talga aims to remove volume and cost roadblocks, enabling end users to accelerate development of their graphene-based products to suit Talga's full scale production in future.

The site is just 35km from Talga's Thuringia-based research partner, Friedrich-Schiller University at Jena. This proximity ensures state-of-the-art analytics and research expertise will be close to the demonstration plant, assisting the pace of both process scale-up and graphene product testing. It is also near Talga's second research group partners, Dresden University and the Max Planck Institute, Mainz.

Talga will fund the plant from part proceeds of a \$5.5 million placement concluded in March this year (see ASX:TLG 18 March 2015). In addition to financial support available within Germany for capital expenditure (grants up to 35% of fixed asset expenditure), the Thuringian State Minister for Economic Affairs and Science, Mr. Wolfgang Tiefensee, has provided personal and written support to Talga confirming additional government assistance which includes R&D subsidies of up to 80% and access to other schemes.

Talga Managing Director Mark Thompson commented *"We are very fortunate to have secured what is almost a new premise in a well located chemical hub close to our research partners and industry. The level of government interaction and support to attract Talga to the region has been compelling. Material funding support is on offer, industrial neighbours at the site include an adjacent polymer factory, our site is close to services for our workforce and it is very central to all our work programs. We have made measurable progress in Germany this year and with the site secured, Talga can now focus on engineering and recruitment to commence maiden processing of our Vittangi ore, into graphite and graphene, in the next few months."*

**For further information, please contact:**

**Talga Resources Ltd.**

Mark Thompson

Managing Director

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**Fig 2 Talga's Rudolstadt graphene demonstration plant site.**



**Fig 3 Location of Talga's Rudolstadt site in Thuringia, Germany.**

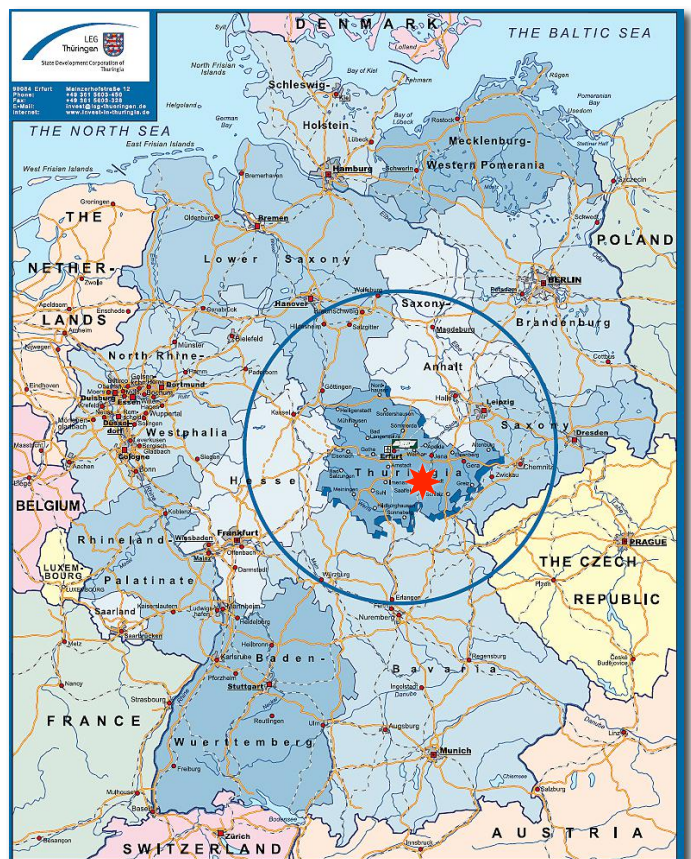


Fig 4 Location of Talga's European operations, with existing rail transport route from Vittangi to Rudolstadt site. Companies and data based on presentation and data of State Development Corporation of Thuringia.

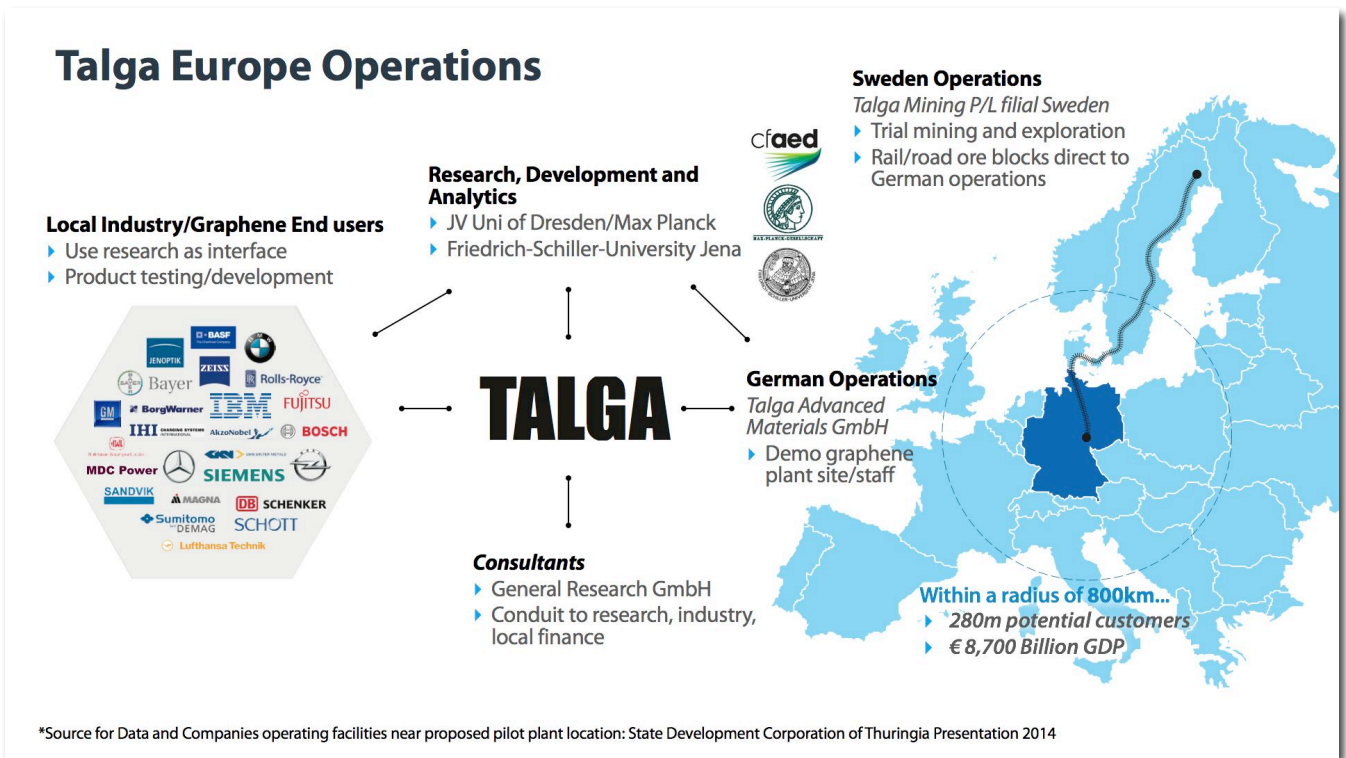


Fig 5 Aerial view of Rudolstadt Chemical Park in Thuringia state, Germany.

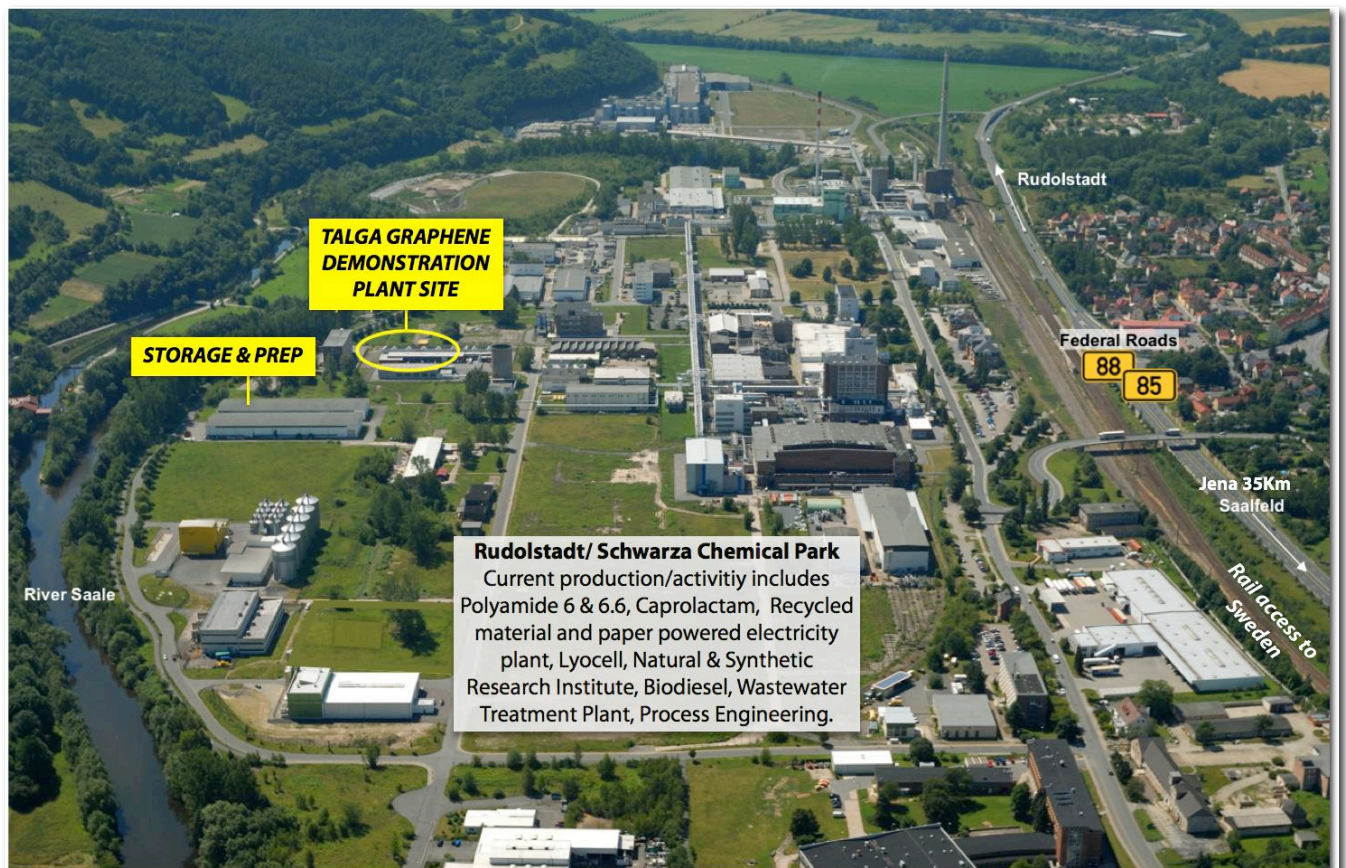


Fig 6 Interior of part of the 1,248m<sup>2</sup> production area at Talga's Rudolstadt site, Thuringia, Germany.



Fig 7 One end of the 1,167m<sup>2</sup> ore dressing/warehouse at Talga's Rudolstadt site, Thuringia, Germany.



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### About Talga

**Talga Resources Limited** ("Talga") (ASX: TLG) is a Perth headquartered high tech materials company with its own source of integrated supply from multiple advanced and high grade graphite projects in northern Sweden. The flagship project "Vittangi" is at development stage and like the rest of the projects, benefits from established high quality infrastructure including proximity to grid power, road, rail and ports.

Two of the five graphite projects have unique mineralisation that allows graphite and graphene to be liberated at the same time in a ground breaking and highly cost effective way. The graphene produced is of a high quality and suitable for a range of large volume composite and additive applications as well as technology and energy applications.

Talga's legacy non graphite assets in Sweden and Australia, including a cobalt-rich IOCG deposit, are all to be commercialised to provide funds for the core graphite-graphene projects.