

## Talga joins Bosch and Lego in European Union Graphene Flagship

- Talga joins the €1 billion funded EU Graphene Flagship alongside electronics company Bosch and toy manufacturer LEGO
- EU's biggest ever research initiative links science and industry across 23 member countries to take graphene from laboratory to market
- Flagship coordinated by Chalmers University of Technology, Sweden
- Membership provides access to huge network of commercial and technology partners
- Underlines importance of Talga's role in large scale graphene production

Advanced materials company, Talga Resources Ltd (ASX: TLG or Talga), is pleased to advise that via its subsidiary, Talga Advanced Materials GmbH, it has been accepted as an Associate Member of the European Union founded 'Graphene Flagship' program ("Flagship").

The Graphene Flagship is a Future and Emerging Technology Flagship coordinated by the European Commission, the European Union's executive body. With a budget of €1 billion, the Graphene Flagship is the largest graphene research platform in the world. Its main aim is to take graphene from the academic laboratory to the marketplace by crosslinking research with industry, and is coordinated by Chalmers University of Technology, Sweden.

The program was launched in 2013 and the focus to date across a number of science and technology work packages has been on graphene applications and their pathway to benefit European industries and society. The agenda is now maturing to include partnerships that can solve the challenges of large scale commercial graphene supply.

The appointment of Talga as one of three new associate members was announced at the Flagship 2015 General Assembly in Berlin, alongside multinational engineering and electronics giant Robert Bosch GmbH and toy manufacturer The LEGO Group. Cut and paste the following link to your browser to view the Flagship website and press release: <http://graphene-flagship.eu/>

### Talga Managing Director Mark Thompson commented:

*"We are delighted to be involved with the Flagship which is the world's most significant graphene development project. With €1 billion of funding and over 141 members across 23 countries, the Flagship is a very significant organisation. Talga will now have a deeper reach into an enormous pool of best in class graphene industry participants."*

*The membership underlines the importance of Talga's potential to remove the barriers to large scale graphene production and enable global commercial uptake. In addition, it supports Talga's strategy of setting up a European production hub, aligning it with major industry participants and tailoring production to meet growing commercial needs.*

*In recent times new world minerals for tomorrows economy have become the focus of much discussion by growth investors. We aim to become a globally significant supplier of these minerals from what is a first class mining jurisdiction in Sweden. Sweden's role in coordinating the consortium highlights the innovative culture in the country that hosts our projects".*



Speaking for the Graphene Flagship, director Jari Kinaret comments: *“Associated Membership is an important means for our European Commission-funded project to engage additional organisations that work towards the goals of the Flagship. In particular, associates broaden the industrial base of the Flagship, and we are looking forward to working together with Bosch and Talga to create new technologies based on graphene and related materials.*

Professor Xinliang Feng, Deputy Work Package Leader “Nanocomposites” within the Flagship added:

*“Talga’s up-scalable approach to graphene production holds great potential for the future development of a range of graphene based materials including composites. The process adopted by Talga appears to have moved from fundamental studies at lab scale to commercial scale production, and I expect it shall provide many different types of cost competitive additives for applications in different industrial fields”.*

#### **About the Graphene Flagship:**

The Graphene Flagship is a Future and Emerging Technology Flagship coordinated by the European Commission, the European Union’s executive body.

With a budget of €1 billion, the Graphene Flagship represents a new form of joint, coordinated research on an unprecedented scale, forming Europe’s biggest ever research initiative.

The Graphene Flagship is tasked with bringing together academic and industrial researchers to take graphene from the realm of academic laboratories into European society in the space of 10 years, thus generating economic growth, new jobs and new opportunities.

#### **About Talga:**

Talga Resources Ltd (“Talga”) (ASX:TLG) is an advanced materials company with a simple and cost effective process to liberate graphene and graphite directly from its 100% owned natural graphite ore deposits in Sweden. Talga’s unique deposits and proprietary processes provide a nominal cost path to high quality graphene production that overcome cost and volume barriers to graphene supply, thereby unlocking additive applications.

Trial mining has been completed for 2015 and commercial quantities of graphene platelets will be provided for industry from Talga’s German pilot test-work facility. The end applications may include the production of intermediates such as inks, polymers, master-batches and dispersions based on Talga graphene.

<http://www.talgaresources.com/>

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