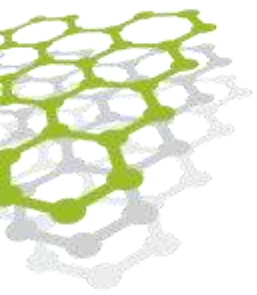


first graphite
A high-quality graphene producer

UTILISING THE BENEFITS OF GRAPHENE TO PRODUCE BETTER BATTERIES

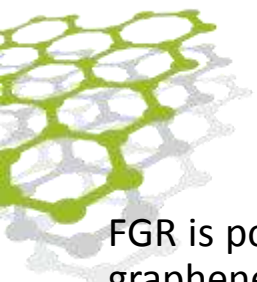
April 2017



WHO IS FIRST GRAPHITE LTD?

2

- ASX-listed company
- Market capitalisation of A\$30-35m
- No dominant shareholders with > 10%
- Specialist high-grade vein graphite producer
- Lowest cost bulk graphene producer



THE BUSINESS PLAN & STRATEGY

3

FGR is positioning itself to maximise earnings and growth through capture of the entire graphite and graphene value chains.

First, we have secured security of supply of the highest grade graphite in the world

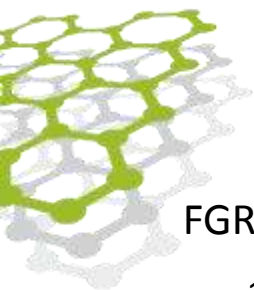
- From our own mines, and
- From the Government mine

Secondly, establishing graphene production capability ...

- With the development of the Graphene Cell
- Secondary processing to customise graphene product

Thirdly, acquiring disruptive technology and related IP for graphene applications such as ...

- The BEST Battery (supercapacitor)
- Vortex Fluidic Device and Turbo Thin Film Technology
- Fire retardant intellectual property

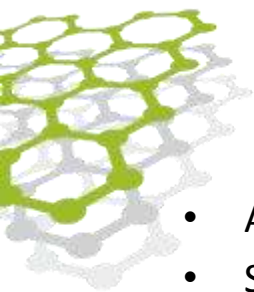


POTENTIAL EARNINGS PROFILES

4

FGR intends to profit from three earnings profiles;

1. Mine production and trading in the premium vein graphite
 - long term baseline earnings
2. Graphene production and sales
 - from modular, low cost cells (no capex hurdle)
 - potentially an exponential growth curve as graphene becomes commercialised over the coming years
3. Technology, IP acquisitions and development
 - opportunities to participate in disruptive technologies due to the foundation in graphene
 - capital gains from sales of licences
 - royalty streams



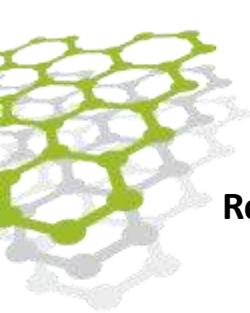
WHY GRAPHENE?

5

- An amazing new carbon nanomaterial
- Superior properties;
 - The thinnest material but 200x stronger than steel
 - Transparent, light and stretchable, but impermeable
 - Highest electrical current density and highest intrinsic mobility
 - Perfect thermal conductor
- Dramatically enhances characteristics of materials to which it is added, with only small loadings
- Graphene can improve performance of existing batteries

BUT

- Its greatest impact will be on supercapacitors



DIFFERENCE BETWEEN BATTERIES & SUPERCAPACITORS

6

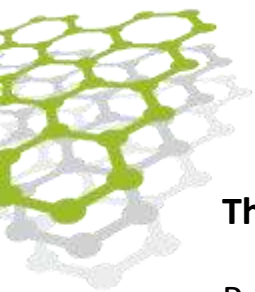
Rechargeable batteries ... use old technology

- Store energy via a reversible chemical reaction
- Each cycle causes degradation of materials – they wear out
- They are slow to charge
- They can short circuit, causing runaway reactions and fire (Li-ion)
- They are old technology

Supercapacitor batteries ... will make chemical batteries obsolete

- Physically store electricity in an electric field between metal electrodes i.e. no chemical reaction
- There is no degradation of materials, so they can offer the same level of performance for 10,000 cycles +
- Are lighter in weight – carrying electrons rather than chemicals
- Are the future of electricity storage

*“If I were to make a prediction, I’d think there’s a good chance that it is not batteries but capacitors”
that deliver a breakthrough, he said in 2001 ...” Elon Musk, p. 29 New Scientist 12 November 2016.*



THE BEST BATTERY

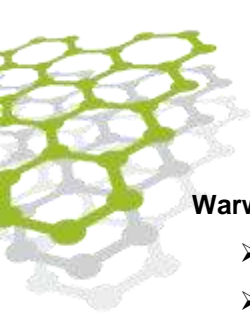
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The BEST Battery (Bolt Electricity Storage Technology)

Patent-pending technology developed by Swinburne University of Technology overcomes the energy density limitations with supercapacitors, achieving the following potential advantages;

- 10x better energy density than competing devices
- 10,000x faster charge/discharge rates
- 10,000 charge/discharge cycles
- Ultra-thin and ultra-light in weight
- highly flexible and integratable
- environmentally friendly due to the absence of chemicals

Efficiencies offered through the use of laser printing technology and graphene oxide to create an ultra-efficient energy storage medium in a greatly simplified process.



Directors and Management

8

Warwick Grigor- Non-Executive Chairman

- Respected and experienced mining analyst
- Mr Grigor's research knowledge and market intelligence gives First Graphite a strong strategic direction.
- Bachelors of Law and Economics from the Australian National University, Diploma of Company Director

Craig McGuckin - Managing Director

- Qualified mining professional with in excess of 35 years experience in the mining, drilling and petroleum industries
- Held senior positions in private and publicly listed companies

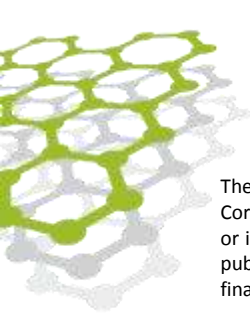
Peter Youd – Executive Director, Chief Financial Officer & Company Secretary

- Chartered Accountant and has extensive experience within the resources, oil and gas services, and mining
- For over 35 years has held senior management positions and directorships for publicly listed and private companies in Australia and overseas
- Bachelor of Business from the W.A Institute of Technology (now Curtin University).

Chris Banasik - Non-Executive Director

- Master's Degree in Mineral Economics from University of WA and Bachelor's Degree in Applied Physics from Curtin University
- Formerly Director of Exploration and Geology of Silver Lake Resources
- Held senior geological management positions over 12 years' with organisations including WMC Resources Ltd, Reliance Mining Ltd, Goldfields Mine Management and Consolidated Minerals Ltd





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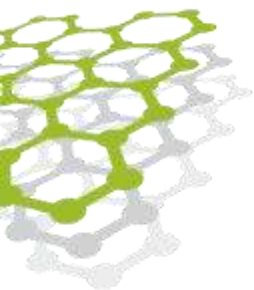
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The potential quality and grade of targets are conceptual in nature, there has been insufficient exploration to determine mineral resources and there is no certainty that further exploration work will result in the determination of a mineral resources or that the production targets will be realised.

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