



ASX ANNOUNCEMENT

FOR IMMEDIATE RELEASE TO THE MARKET

PPK Group Limited – ASX Code: PPK

Thursday 23 November 2023

Chief Executive Officer's Presentation

PPK Group Limited (ASX Code: PPK) is pleased to provide the following CEO Presentation which will be presented at the Company's Annual General Meeting today:

This announcement has been made and authorised by the PPK Group Board

For further information contact:

Robin Levison

Chairman of PPK Group Limited

On 07 3054 4500

PPK GROUP LIMITED

ABN: 65 003 964 181

Level 13, 120 Edward St, Brisbane QLD 4000
GPO Box 754, Brisbane Qld 4001
Tel: +61 7 3054 4500 Fax: +61 7 3054 4599



PPK Group Limited (ASX: PPK)

ANNUAL GENERAL MEETING

Thursday, 23 November 2023

Introducing the PPK board



Robin Levison
Non-Executive Chairman



Glenn Molloy
Executive Director



Anne-Marie Birkill
Non-Executive Director



Anthony McDonald
Non-Executive Director



CHAIRMAN'S ADDRESS

Thursday, 23 November 2023



ppk
GROUP LTD

FY23



CHAIRMAN'S ADDRESS







- ⚙ Energy Solutions Growth Stage
Investment with PowerPlus Energy
acquisition
- ⚙ New leadership team
- ⚙ Ongoing focus on shareholder
communication



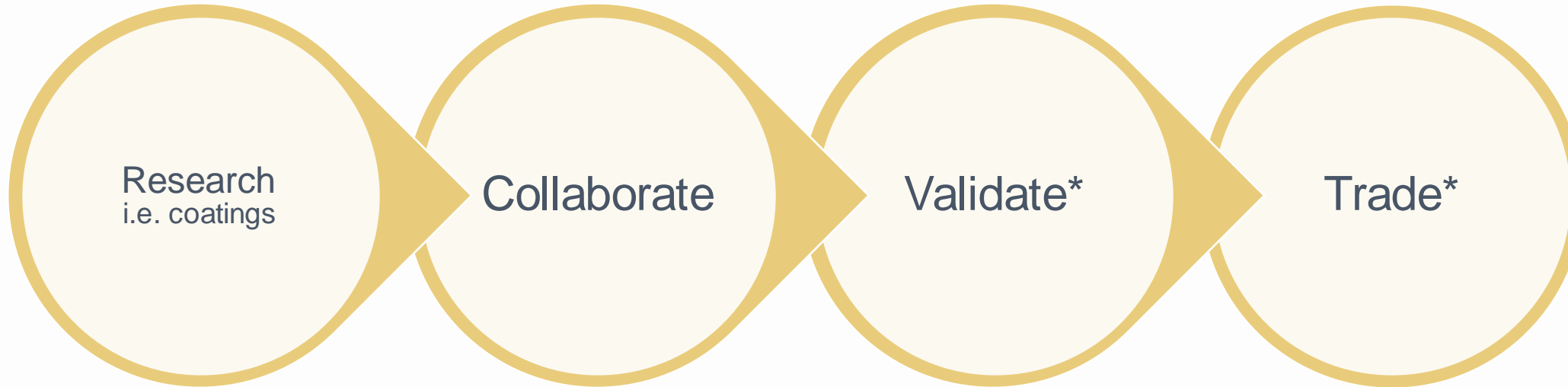
PRESENTATION BY THE CHIEF EXECUTIVE OFFICER

Thursday, 23 November 2023

WE INVEST CAPITAL AND EXPERTISE IN HIGH POTENTIAL SCIENCE AND TECHNOLOGY OPPORTUNITIES WITH A CURRENT FOCUS ON NANOMATERIALS, ARTIFICIAL INTELLIGENCE, AND ENERGY SOLUTIONS



| VALIDATION | | GROWTH | EXPANSION | | |
|---|---|--|--|--|--|
| NANOMATERIALS | | ENERGY STORAGE | ARTIFICIAL INTELLIGENCE | DEFENCE & LAW ENFORCEMENT | ENERGY STORAGE |
|   | |  |  |  |  |
| <p>BNNT Technology (BNNTTL) is at the cutting edge of commercialising boron nitride nanotubes (BNNT) and creating markets for the technology</p> | <p>White Graphene Limited is developing and manufacturing White Graphene which is a nanomaterial with significant commercial potential in multiple product applications</p> | <p>ASX-listed battery technology company seeking to commercialise patented lithium sulfur battery technology</p> | <p>AMAG has developed video analytics technology that changes the paradigm of current traffic safety management practice</p> | <p>CIB is a leading Australian manufacturer of ballistic protection solutions which provide both personal protection and platform protection to military aircraft, vessels, and vehicles</p> | <p>PowerPlus Energy supplies Australian manufactured modular battery storage solutions utilising lithium ferro phosphate cell technology</p> |

NANOMATERIALS GO TO MARKET APPROACH



- 1 x Defense 
- 1 x Automotive 
- 1 x Sports 
- 2 x Energy  
- 1 x Medical 
- 1 x Aerospace 

- 2 x Defense  
- 2 x Automotive  
- 1 x Maritime 
- 1 x Swimming Pool 
- 1 x Space 
- 2 x Energy  

- 1 x Energy 
- 1 x Distributor 

* Timing and volume dependent upon requirements, validate results, and customer go to market approach and are subject to change.

Boeing selects QLD startup to explore space sustainability

May 15, 2023

- Brisbane-based White Graphene wins Boeing-backed Aerospace Xelerated startup program.
- Advanced nanomaterials concept could help Boeing space teams protect future spacecraft.

Nanomaterials proved to be the 'strongest element' at a recent Sustainability in Space Pitch Challenge, with Boeing to invest up to \$100,000 in White Graphene's winning nanomaterials technology concept.

The Queensland startup was one of six who pitched to industry experts on how their technologies could solve sustainability challenges in space, including health and wellbeing, energy and protection from radiation.

"We're eager to work with local companies who are exploring the use of radically new materials that have eco-friendly properties," said Heidi Hauf, Boeing Regional Sustainability lead APAC. "Innovations we learn in space can have applications to our sustainability practices here on Earth, so we can't wait to see how White Graphene advances their proof of concept with both our local and US-based space teams."

Strong and lightweight, advanced nanomaterials are recognised by NASA for the protection they can offer astronauts and space hardware such as satellites or spacecraft, and could also have further applications in defence and aerospace.

"The Aerospace Xelerated Pitch event was a tremendous platform for the company to demonstrate the potential of boron nitride nanomaterials to Boeing and the broader space

and aerospace industry," said Lieuwke de Jong, commercial director for White Graphene. "We have invested significant time and resources to create the manufacturing methodology that allows us to produce the required nanomaterials in a range of forms for commercial applications, and we look forward to seeing where this exciting new partnership with Boeing can take us."

Now in its third year, the Aerospace Xelerated Pitch challenge hosted by Boeing and Advance Queensland provides a platform for Queensland-based businesses to gain access and exposure to key tech industry stakeholders, provide valuable insights into the future of space exploration and Australia's role in advancing the industry.

"Supporting Queensland startups to find global investors to develop world-changing ideas and Queensland's jobs of the future is exactly what our Advance Queensland initiative is all about," said Stirling Hinchliffe, Queensland Innovation Minister. "Boeing's interest in White Graphene's advanced nanomaterial, which is four times lighter than steel but 138 times stronger, could be an important first step in creating revolutionary, made in Queensland technology."



Lea Diffey deputy director-general, Innovation, Department of Tourism, Innovation and Sport; Lieuwke de Jong, managing director, White Graphene; Sisi Jin - Strategy analyst, Aerospace Xelerated; and Heidi Hauf - Boeing Regional Sustainability lead, APAC.

Contact:
Sarah Schuiringa
Boeing Australia
+61 435 818 297
sarah.schuiringa@boeing.com

BUILDING MARKET ENGAGEMENT



54th INTERNATIONAL
PARIS AIR SHOW
LE BOURGET
JUNE 19-25, 2023

54^e SALON INTERNATIONAL
DE L'AÉRONAUTIQUE & DE L'ESPACE
PARIS · LE BOURGET
19-25, JUIN 2023





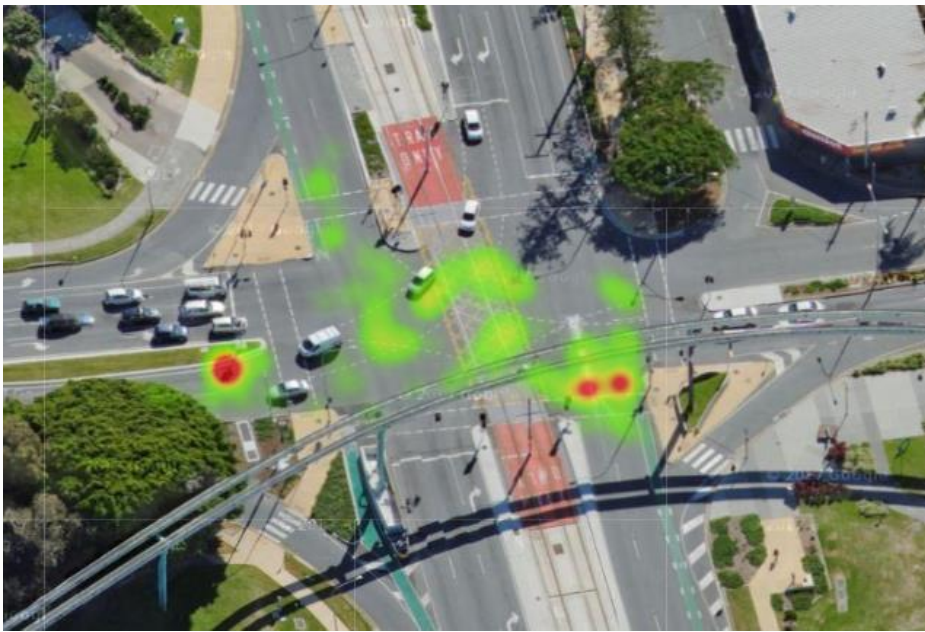
NANOMATERIAL PRIORITIES

bnnt
TECHNOLOGY PTY LTD



- Transitioning from research to scale up manufacturing and commercial application development
- R&D remains important given Validation needs
- Reduced BNNT price as manufacturing efficiency improves
- Expanding distributor and partner relationships
- Installation and commissioning of first scale-up White Graphene manufacturing plant
- Progressing Product registration
- Deliver application Validation outcomes
- Gold market opportunity

PIONEERING THE USE OF AI TO IMPROVE ROAD SAFETY



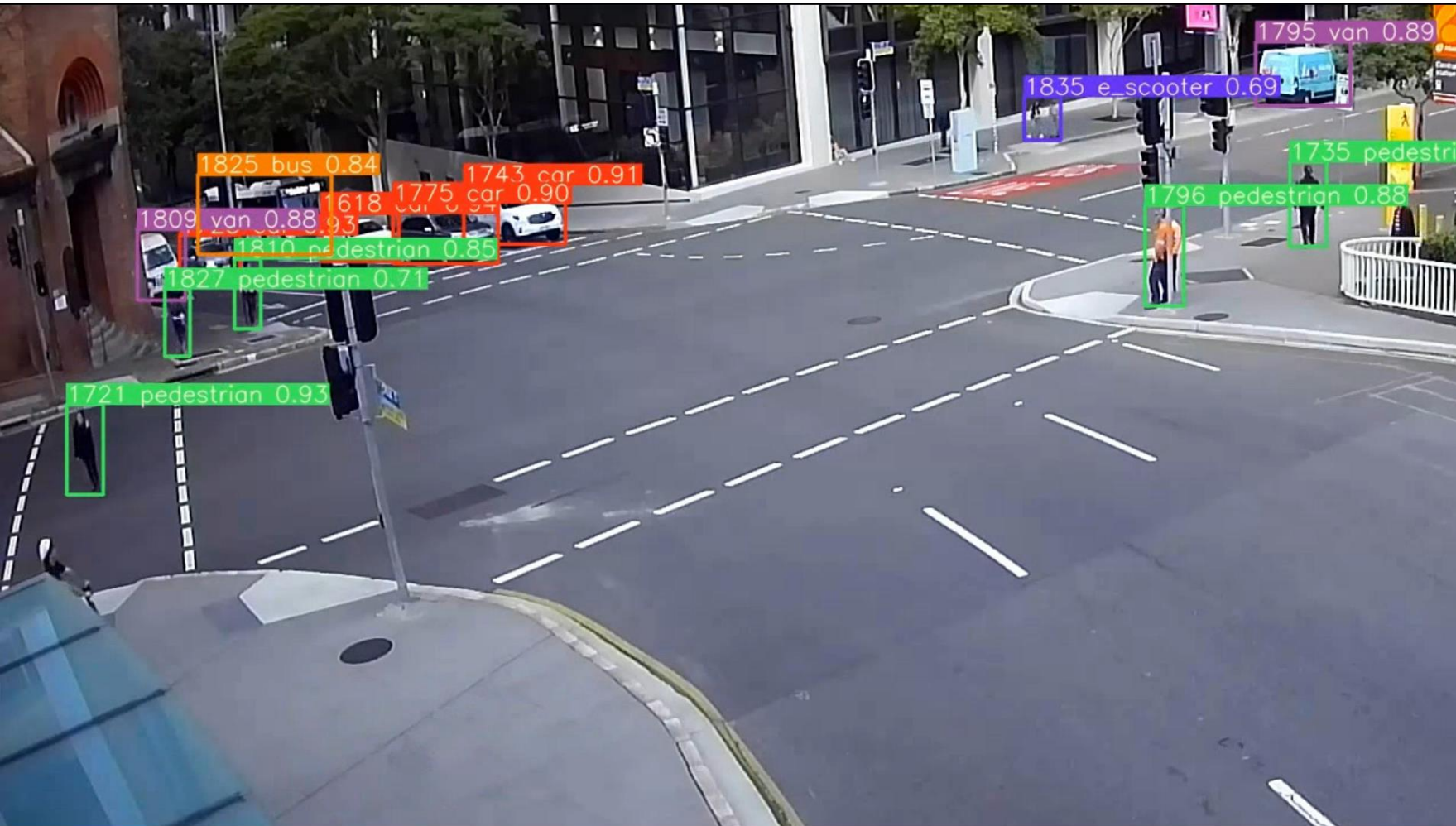
With AMAG - Focus on conflicts (proactive)

- Global demand driven by Vision Zero (No more traffic deaths)
- Strong growth to > 20 customers
- Solid FY24 pipeline (\$29m+ unweighted)
- Focus on building geographic partnerships following the Stinson Canadian model
- Increasing the average deal size and duration
- Diversify customer base across multiple sectors and industries, i.e. mining, transport
- Smart50 Innovation Award for 2023



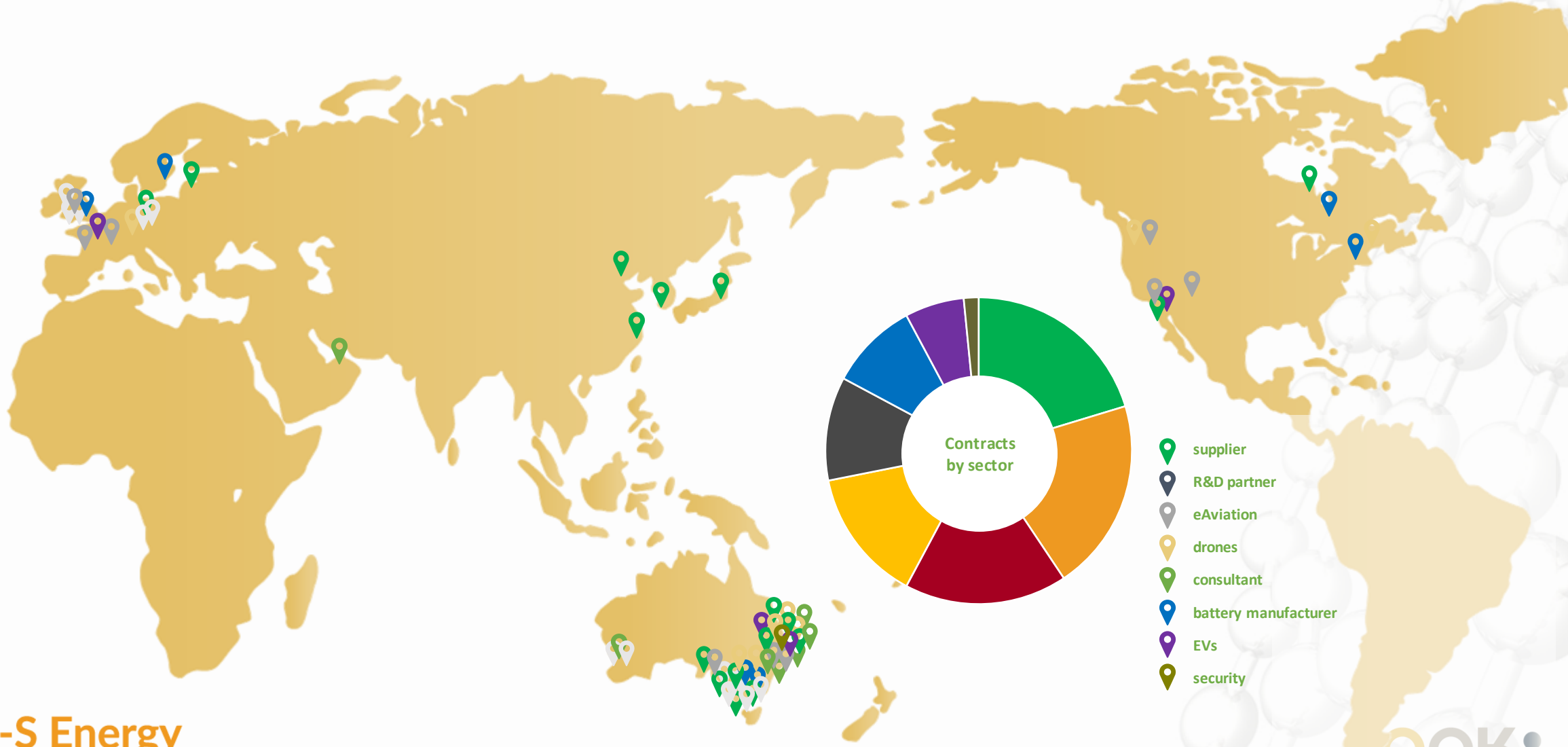
Without AMAG - Focus on crashes (reactive)

VIDEO ANALYTICS TO ASSESS ELECTRIC SCOOTER HELMET USAGE



- Paid project for transport department for public versus private scooter use and helmet wearing
- Input to future policy on changing mobility landscape

Li-S foundation agreements

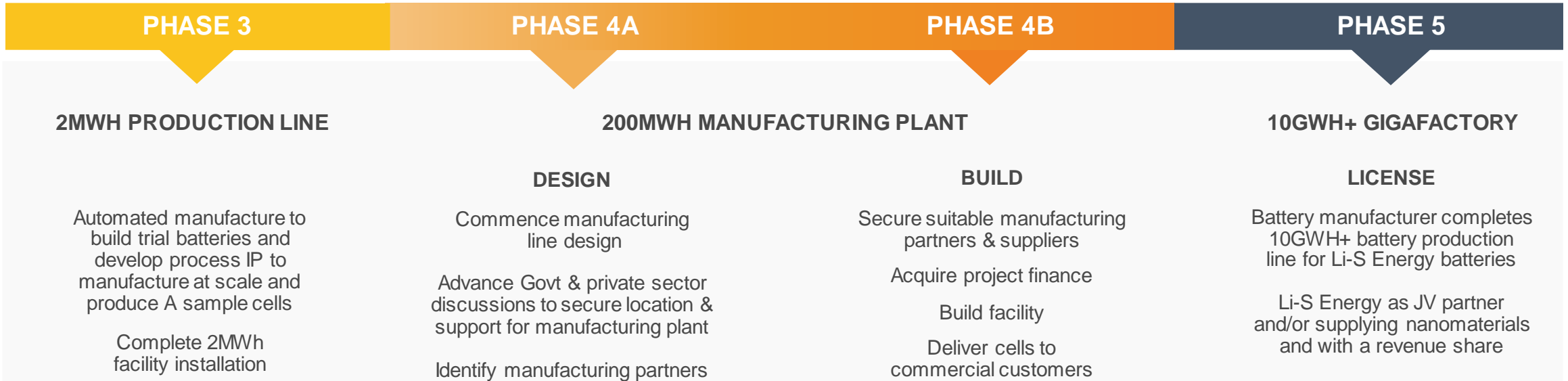


Production scale-up strategy

CALENDAR YEAR



ACTIONS



COMMERCIAL



Hear from The LiS panel

The newest advisory panel members share their thoughts on the technology, scale-up and the future opportunities for the batteries.



ISOBEL SHELDON
OBE



BOB GALYEN





BUILDING MOMENTUM

- On-grid LiFe 4838P battery with Clean Energy Council Certification
- Increase revenue across key market sectors
- Continued factory optimisation
- Growing the Battery Energy Storage System opportunity
- Solid increase in FY24 revenue to date





AGED CARE

Helping Build Sustainable Facilities for Our Senior Citizens

Aged care is evolving to meet the changing needs and expectations of older people and their families as a part of the sector. The focus on sustainable and green facilities is gaining momentum. One of the most compelling benefits of creating a sustainable aged care facility is the potential for a long-term return on investment.

- Reduce Water Resources
- Reduce Staff Absence
- Reduce Energy Costs
- Reduce Greenhouse Gas Emissions

Power

MINING SECTOR

Helping the Mining Sector Reduce Operating Costs

Renewable energy offers a compelling advantage to the mining sector, notably in the form of reduced operating costs. Integrating renewables can reduce operating costs by up to 20% in existing mining operations and as much as 30% for new mines. Considering that energy accounts for approximately 30% of total operating expenses, this shift is not just environmentally responsible but also cost-effective.

- Reduce Water Resources
- Reduce Staff Absence
- Reduce Energy Costs
- Reduce Greenhouse Gas Emissions

Power

ECO RESORTS

Helping Eco Resorts Unlock Sustainable Power, and Save

Our energy storage systems are designed to empower eco-resorts with reliable and eco-friendly energy solutions. By integrating our technology, resorts can reduce their reliance on non-renewable energy sources, cut operational costs, and contribute to the global shift towards a sustainable future. On and off-grid.

- Reduce Costs
- Reduce Water Usage
- Reduce Staff Absence
- Reduce Energy Costs
- Reduce Greenhouse Gas Emissions

Power

SPORTS CLUBS

Helping Sports Clubs Transition to Renewable Energy, and Save

At PowerPlus, we appreciate the unique energy needs of sports clubs. Our technologies are here to help you transition to a cleaner and more sustainable energy system, providing savings along the way and ensuring you're a leader within your community.

- Reduce Water Resources
- Reduce Staff Absence
- Reduce Energy Costs
- Reduce Greenhouse Gas Emissions

Power

Power

- Partnerships
- Target markets
- Modular architecture
- Strong online presence

AGILE. INNOVATIVE. PROVEN.

- ⚙️ New market leading in house capabilities
- ⚙️ Deliver on strong contracted order book (already ~60% of last FY)
- ⚙️ Autoclave usage
- ⚙️ Installation and commissioning of new hydraulic press



LAND/SEA – Transparent and composite armour



Law enforcement end users




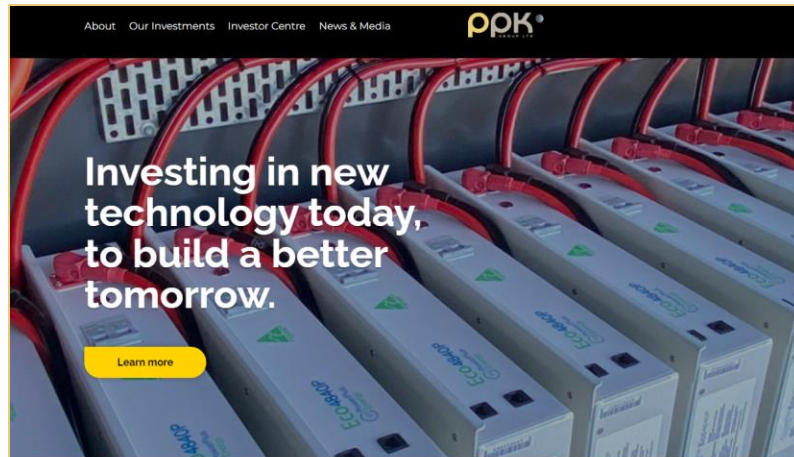
AIR - Composite floor and wall protection



PERSONAL - Body armour protection elements, pelvic protection and training inserts



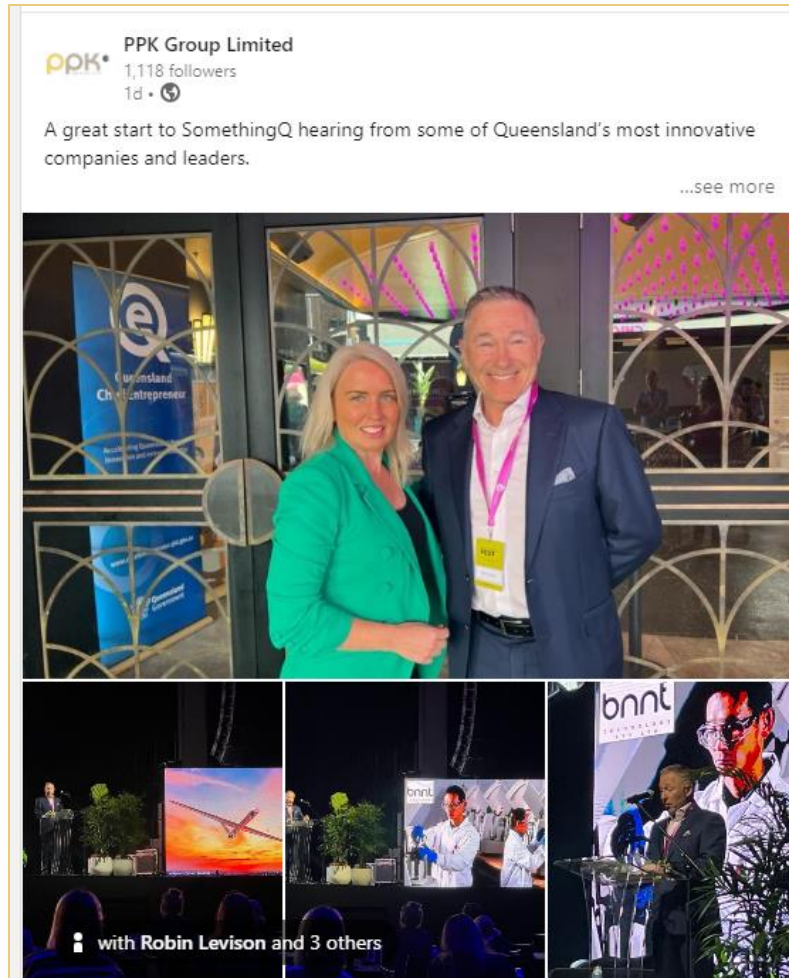
IMPROVED STAKEHOLDER ENGAGEMENT



WHO WE ARE

PPK invests capital and expertise in high-potential science and technology opportunities that will power the world's transition to a low carbon economy. Our portfolio is underpinned by patented, advanced technologies with the potential to revolutionise multiple sectors including space, defense, aviation and transport. Through collaboration and partnerships we will build global markets for our technologies and help create the industries of the future.


[Our Investments](#)



PPK Group Limited
1,118 followers
1d • 🌐

A great start to SomethingQ hearing from some of Queensland's most innovative companies and leaders.

[...see more](#)



with Robin Levison and 3 others



PPK significantly reduces the price of BNNT, opening new opportunities across multiple industries

October 17, 2023

PPK Group Limited (ASX: PPK) subsidiary BNNT Technology Pty Ltd has announced it has significantly...

[Read more](#)