

Mines and Money & IMARC Conference Sydney

October 31st – November 2nd 2023

Innovation for a Sustainable Future

ASX:FYI FSE:SDL OTC:FYIRF

DISCLAIMER

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The DFS referred to in this presentation is a study of the potential viability of the Cadoux Project. It has been undertaken to understand the technical and economic viability of the Project. The DFS assumes as a 25-year Project life based only on Proved and Probable Ore Reserves (100%). The DFS is based on the material assumptions and modifying factors set out in the DFS announcement and the appended summary of the DFS released to ASX in April 2021. These include assumptions about the availability of funding. While the Company considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by this DFS will be achieved. To achieve the range of outcomes indicated in the DFS funding in the order of US\$200 million will likely be required. Investors should note that there is no certainty that the Company will be able to raise the amount of funding when needed. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of the Company's existing shares. It is also possible that the Company could pursue other "value realisation" strategies such as a sale, partial sale or joint venture of the Project. If it does, this could materially reduce the Company's proportionate ownership of the Project. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the DFS. The contents of this presentation reflect various technical and economic conditions, assumptions and contingencies which are based on interpretations of current market conditions at the time of writing. Given the nature of the resources industry, these conditions can change significantly and without notice over relatively short periods of time. Consequently, actual results may vary from those detailed in this presentation. Some statements in this presentation regarding estimates or future events are forward-looking statements. They include indications of, and auidance on, future earnings, cash flow, costs and financial performance.

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DISCLAIMER

COMPETENT PERSON'S STATEMENT

Ore Reserves

The information in this report that relates to Ore Reserves is based on information compiled by Mr. Steve Craig, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Steve Craig is a full-time employee of Orelogy Consulting Pty Ltd and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". The information is extracted from the Ore Reserve announcement released within the DFS announcement 8 April 2021 and is available to view on the Company's website at www.fyiresources.com.au

Mineral Resources

The information in this report that relates to Mineral Resources is based on information compiled by Mr Grant Louw, under the direction and supervision of Dr Andrew Scogings, who are both full-time employees of CSA Global. Dr Scogings is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. He is a Registered Professional Geologist in Industrial Minerals. Dr Scogings has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the "Australasian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves". The information is extracted from the PFS announcement dated 25 September 2018 and is available to view on the Company's website at www.fyiresources.com.au



Metallurgy

The information in this report that relates to metallurgy and metallurgical test work is based on information reviewed and compiled by Mr Alex Borger, a Competent Person who is a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Borger is an employee of Independent Metallurgical Operations Pty Ltd, and is a contractor to FYI. Mr Borger has sufficient experience that is relevant to this style of processing and type of deposit under consideration, and to the activity that he has undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves". Announcements in respect to metallurgical results are available to view on the Company's website at www.fyiresources.com.au .

General

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the findings in the relevant market announcements continue to apply and have not materially changed and that all material assumptions and technical parameters underpinning the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.

FYI'S MISSION



Very simple and straightforward objective

- FYI's ambitions are to become a globally significant producer of high-quality critical minerals for use in the rapidly developing electric vehicles market and various high-tech applications
- FYI's objective is to deliver into the long-term value drivers for critical minerals:
 - E-mobility and global electrification
 - o grid and renewable long duration energy storage markets
 - Global energy reduction targets and decarbonising
 - Clean energy transition and security
 - Support net-zero commitments
- FYI's mission is to be a key contributor of a sustainable world by innovating responsibly, giving back to our communities and reducing environmental impact for our future generations
- FYI intends to deliver superior long-term investment returns to shareholders through critical minerals project development





CRITICAL MINERALS FOCUS

FYI is developing two compelling critical minerals projects

HIGH PURITY ALUMINA

- HPA market is not well understood (no spot market)
- Used in multiple consumer applications
- Significant barriers to entry for production
- FYI has "cracked the code" for:
 - o Purity (>99.99% Al2O3)
 - Very low deleterious material (detrimental in end-user applications)
 - Efficient and cost-effective production (competitive capex and opex)
- Forecast growth averages ~19% CAGR to 2028*
- HPA plays a role in:
 - o Energy transition to renewables
 - o Supply chain emissions reduction
 - Supplier to connected business ecosystems for decarbonising

*CRU Research – HPA Report 2019

RARE EARTH AND MINERAL SANDS

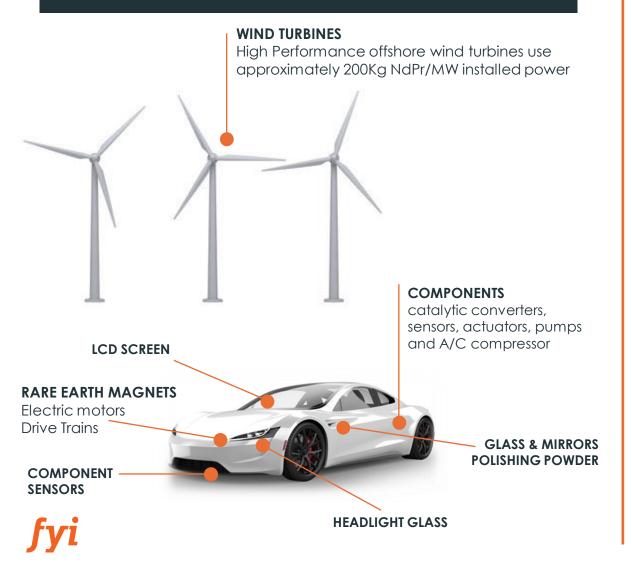
- Downstream rare earth production opportunity
- Raw materials for the manufacturing of permanent magnets, which are used in generators for wind turbines and traction motors for electric vehicles
- Rare earths are critical components of many products, including magnets, material additives and batteries
- They support a wide variety of end-market technologies used in medicine, electric and hybrid vehicles, lighting, communications systems and defense
- Pivotal role in the development of state-of-the-art technologies used in the renewable energy industry
- Crucial elements in many modern technologies, such as smart phones, televisions and monitors, hard drives, electric vehicles, and many others

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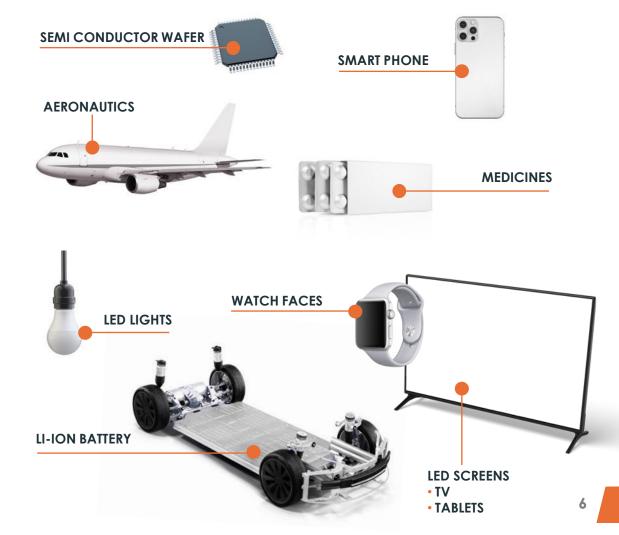
OUR ROLE IN DECARBONISATION AND ENERGY TRANSITION

HPA and Rare Earths are enablers of many green technologies

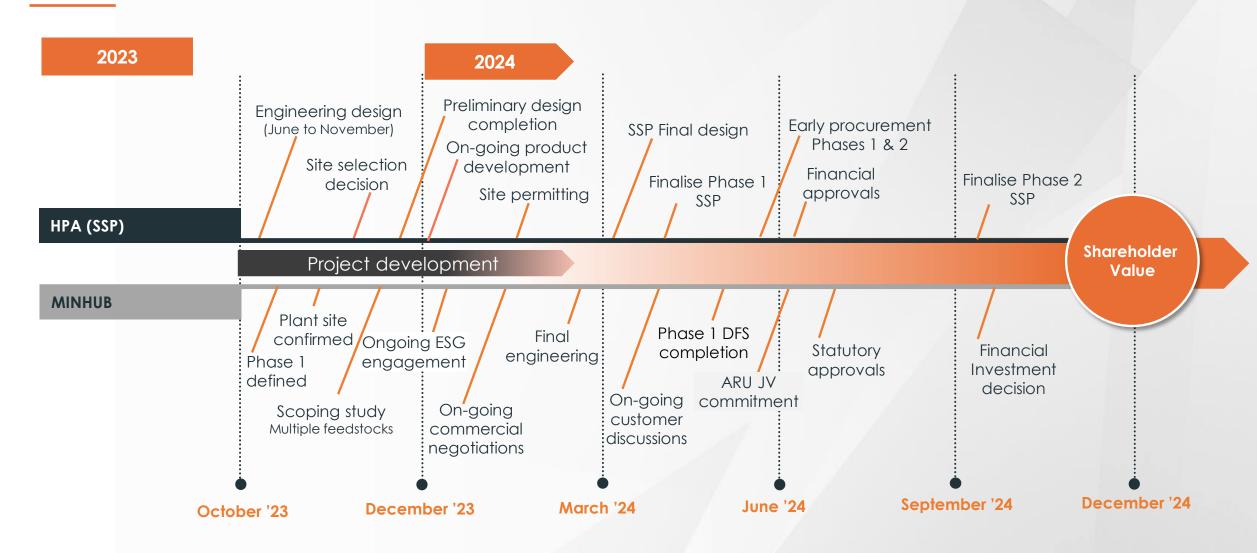
RARE EARTHS



HIGH PURITY ALUMINA



PROJECT DEVELOPMENT TIMELINE AND CATALYSTS



FYI - H	P	Α
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HPA

HPA MARKETS

Navigating growth options

- HPA volumes forecast to grow 300% in 5 years from ~35,000t in 2023 to over 100,000tpa in 2028#
- Carbon reduction and reduced global emissions, e-mobility are driving demand
- LEDs, mini-LED (150 µm) and micro-LEDs (50 µm) are contributing to an energy and decarbonising revolution
- Global LED adoption could amount to an annual saving of 1.4b tonnes* CO2
- LED display market forecast from 2023 to 2026 to grow by US\$11.5bn and reach US\$123bn by 2030.**

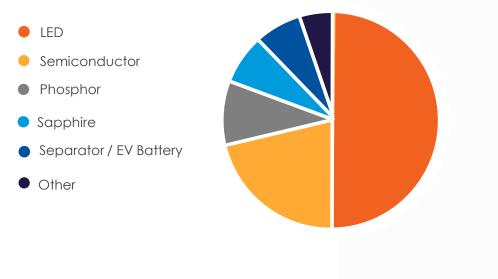


HPA MARKET DEMAND

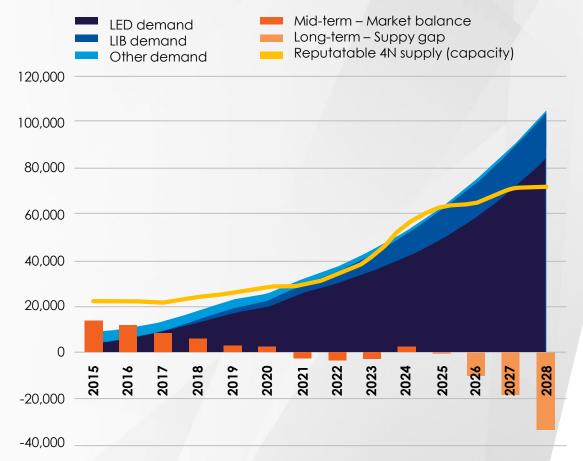
Global HPA markets are growing rapidly requiring high quality and reputable supply

- HPA growth has been invigorated in response to global investment in EV's as post COVID19 and critical minerals stimulus incentives achieve traction
- New applications and technologies have created increased demand and market opportunities

Global High Purity Alumina Market – Share by Application (%)#



Forecast global HPA demand forecast $(tpa)^*$



DFS - OUTSTANDING PROJECT ECONOMICS SUMMARY

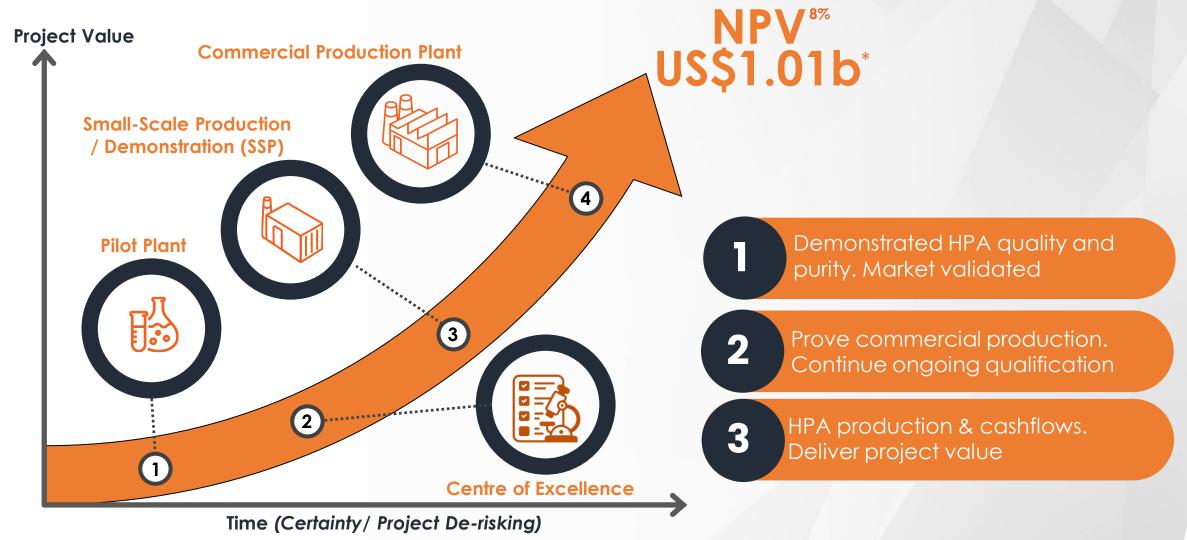
NPV SUMMARY (POST TAX)

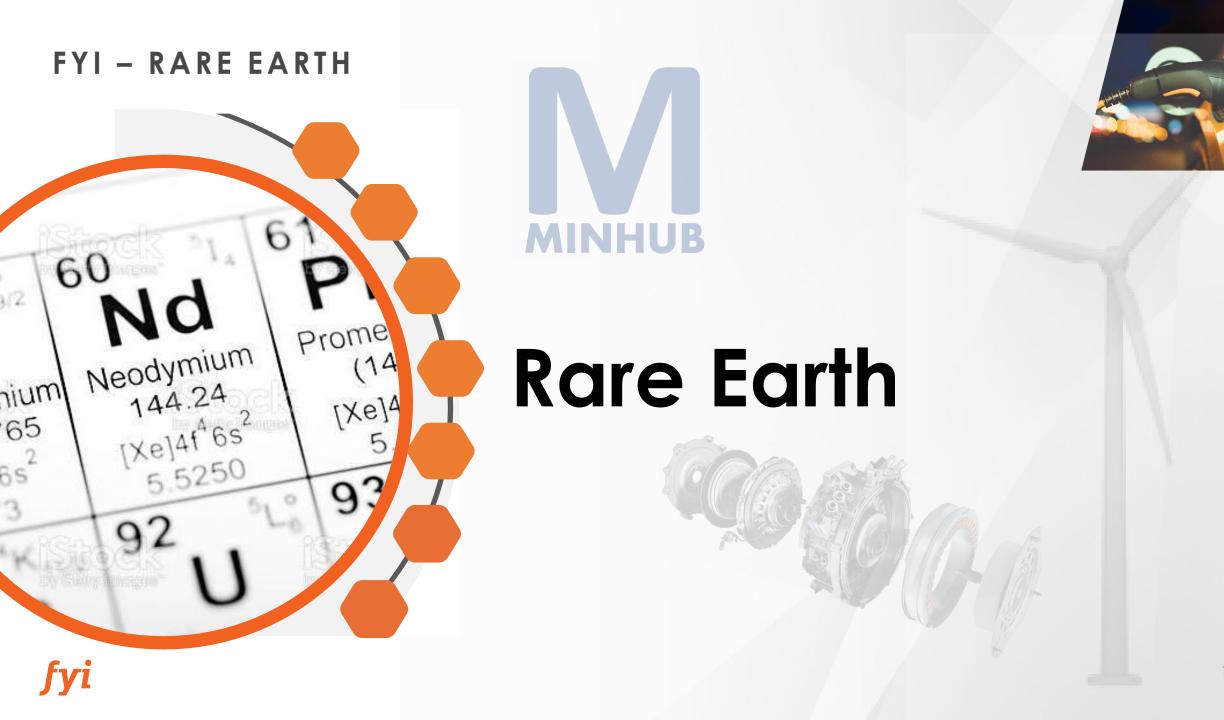


FYI HPA DFS released on ASX (8 April 2021) - 100% basis

DEVELOPMENT PATHWAY

Project value increase pathway has been demonstrated*



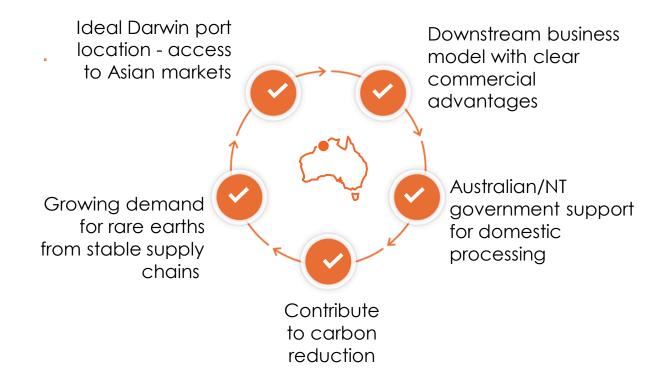


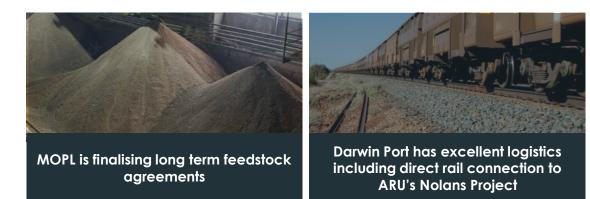
MINHUB STRATEGY

MINHUB OUTLINE SUMMARY

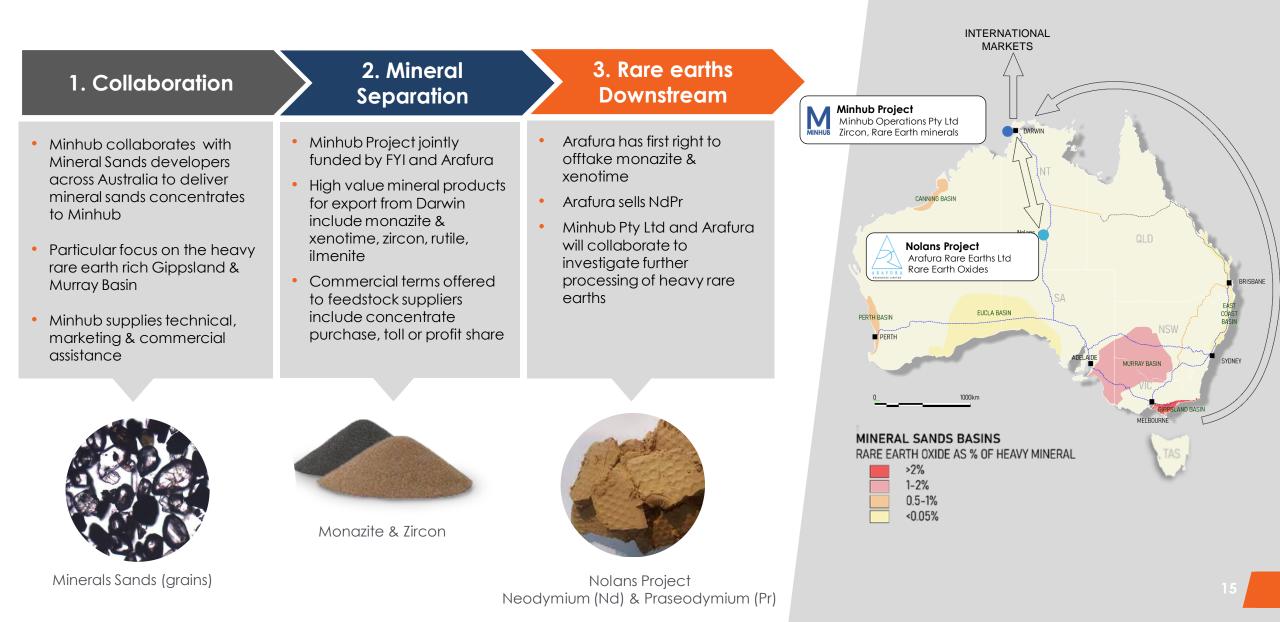


- 1. FYI to acquire Minhub Operations Pty Ltd (MOPL). MOPL is Manager of the Minhub Project (Minhub)
- 2. MOPL aims to develop, construct, and operate a mineral separation plant in Darwin to extract rare earths for global markets
- **3.** The value-add to the Minhub strategy is to supply additional rare earth concentrates to Arafura Rare Earths Ltd (ASX: ARU). Arafura has the right to fund and own up to 50% of Minhub Project
- **4.** Minhub will collaborate with emerging mineral sands producers to process concentrates and supply Arafura with rare earths feedstocks
- **5.** MOPL will form long-term contracts, purchase and process third-party xenotime and monazite to refine the REE and upgrade other mineral sands suites to premium products





COMMERCIAL FRAMEWORK



RARE EARTH SUPPLY CHAIN THROUGH THE MINHUB PROJECT



FYI'S MISSION IS TO BE A CONTRIBUTOR TO A SUSTAINABLE FUTURE

a Naminostar company

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FYI is a member of the United Nations Global Compact (UNGC)



FYI SUMMARY

FYI is working towards realising vast project value



FYI's is developing critical minerals projects with the core focus on HPA



The HPA project metrics and market outlook is compelling. Minhub Feasibility Study due June Quarter 2024



The Minhub project is a significant opportunity to enter the downstream rare earth production industry



Both HPA and Minhub projects will leverage off FYI's technical learnings and process optimisations which will be incorporated into the project development



Project development for HPA and rare earths is funded to investment decision



Both HPA and rare earths projects demonstrate tremendous market opportunities via their separate development strategies









FOR FURTHER INFORMATION PLEASE CONTACT

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