ASX ANNOUNCEMENT

2025 DIGGERS AND DEALERS MINING FORUM PRESENTATION

5 August 2025

Arafura Rare Earths Limited (**ASX: ARU**) (**Arafura** or the **Company**) is pleased to attach a copy of the presentation delivered at the 2025 Diggers and Dealers Mining Forum in Kalgoorlie, Western Australia by Managing Director and CEO Darryl Cuzzubbo.

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Arafura Rare Earths

The world's most advanced construction-ready project providing a non-China alternative

August 2025

ARAFURA
RARE EARTHS LIMITED

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Mineral Resources and Ore Reserves

The information in this presentation that relates to Mineral Resources is extracted from the Company's ASX announcement dated 7 June 2017 (Detailed Resource Assessment Completed) and was completed in accordance with the guidelines of the JORC Code (2012). The information in this presentation that relates to Ore Reserves is extracted from the Company's ASX announcement dated 16 March 2020 (Major Increase in Mine Life for the Nolans Project) and was completed in accordance with the guidelines of the JORC Code (2012). Arafura Rare Earths 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 estimates in the original market announcements continue to apply and have not materially changed. Arafura Rare Earths confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

Production Targets and Forecast Financial Information

The information in this presentation that relates to production targets is extracted from the Company's ASX announcement dated 11 November 2022 (Nolans Project Update). The Company's mineral resources includes 9% Measured Resources, 54% Indicated Resources and 37% Inferred Resources. The production target is based on 12% Proved Reserves, 62% Probable Reserves and 26% inferred resources as reported in the Company's ASX announcement dated 11 November 2022. There is a low level of geological confidence associated with inferred mineral resources and there is no certainty that further exploration work will result in the determination of indicated mineral resources or that the production target itself will be realised. Arafura confirms that all material assumptions underpinning the production target set out in the Company's ASX announcement dated 11 November 2022 (including any assumptions referred to in the Company's ASX announcement dated 11 November 2022 that were used from the DFS as set out in the Company's ASX announcement dated 7 February 2019 (Nolans Project Definitive Feasibility Study) or from the Updated Mining Study as set out in the Company's ASX announcement dated 16 March 2020 (Major Increase in Mine Life for the Nolans Project)), continue to apply and have not materially changed.

The information in this presentation that relates to forecast financial information (including forecast financial information derived from the production target) is extracted from the Company's ASX presentation dated 23 July 2024 (Arafura achieves major debt funding milestone). Arafura confirms that, all material assumptions underpinning the forecast financial information (and forecast financial information derived from the production target) set out in the announcement released on 23 July 2024 continue to apply and have not materially changed.

Rare Earths: What's all the fuss?

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THE WALL STREET JOURNAL.

China Is Still Choking Exports of Rare Earths Despite Pact With U.S.

Western companies are struggling to secure approvals for rare-earth imports from Chinese authorities, despite U.S.-China deal

China Flexes Chokehold on Rare-Earth Magnets as Exports Plunged in May

Curbs on magnets used in EVs, jet fighters are at core of recent U.S.-China trade tensions

Ford Still Scrambling to Get Rare-Earth Magnets

A deal to free up Chinese magnet shipments hasn't sped up export approvals, carmakers say

Discovery Alert

China's New Export Controls on Rare Earth Minerals Disrupt Global Supply

BY JOHN ZADEH ON JUNE 20, 2025

93.3%[1] decline

year-on-year in rare earth magnet exports to the US in May 2025

CNN BUSINESS

Rare earths shortage could cause pandemic-era disruptions, experts say

OILPRICE.com

China's Rare Earth Supply Squeeze Impacts Global Trade

Reuters

US rare earth pricing system is poised to challenge China's dominance

By Eric Onstad

July 15, 2025 12:59 PM GMT+8 · Updated July 15, 2025

Suzuki Motor halted Swift production due to China's rare earth curbs, sources say

By Reuters

June 5, 2025 5:12 PM GMT+8 · Updated June 5, 2025

Cryptopolitan

Chinese exporters crushed under the weight of rare earth export controls

GLOBAL RESPONSES TRIGGERED

THE WALL STREET JOURNAL.

Pentagon to Take Stake in Rare-Earth Company, Challenging China's Control

U.S. commits billions of dollars in support for Las Vegas-based miner MP Materials

By Jon Emont Follow

Updated July 10, 2025 9:29 am ET

Reuters

Pentagon to keep investing in US critical minerals projects, defense official says

By Ernest Scheyder

July 16, 2025 3:52 AM GMT+8 · Updated July 16, 2025

MP Materials seals mega rare-earths deal with US to break China's grip

By Katha Kalia, Eric Onstad and Ernest Scheyder

July 11, 2025 3:31 AM GMT+8 · Updated July 11, 2025

- G7 Critical Minerals Action Plan
- Australian Governments Critical Minerals Strategic Reserve
- Minerals Security Partnership
- Japan and EU's Joint Rare Earths Procurement Strategy

[1] Discovery Alert, June 20, 2025

Demand doubling....and that's before robotics takes off

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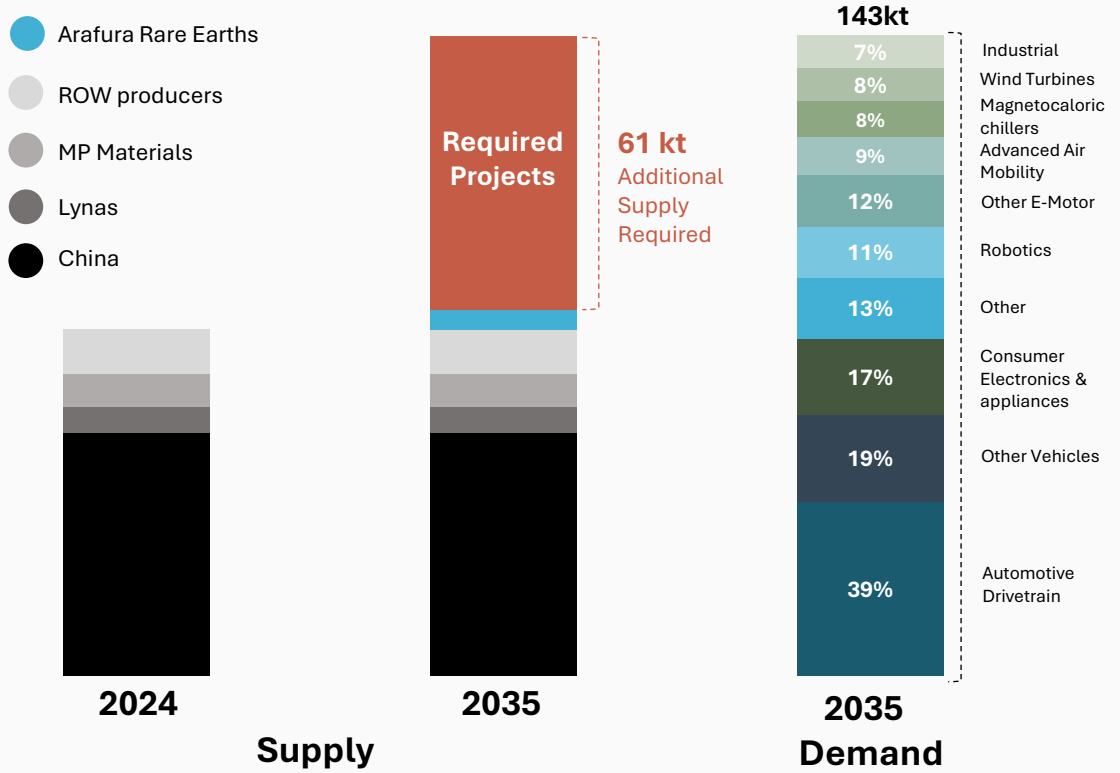
More than one Nolans project required every year

Additional supply of nearly **60kt NdPr oxide required by 2035**

Demand growth of 7% CAGR from 2024 to 2035 driven by the transition to low-carbon economy (EV, wind & robotics)

Emerging thematic: between 2024 and 2035 CAGR for robotics is ~22%[1] with Humanoids forecast to be a **US$5 Trillion market by 2050**[3]

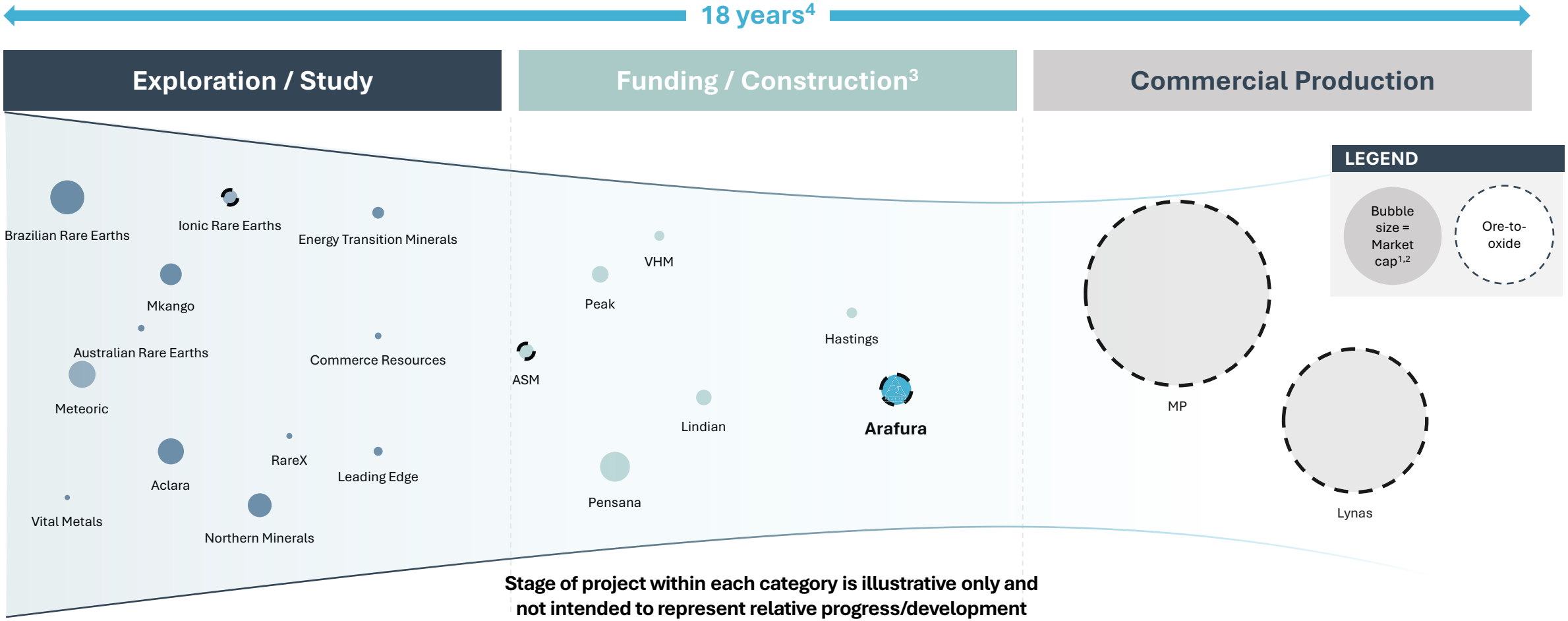
NdPr Supply and Demand[1,2]



[1] CRU - 2025 Rare Earths Special Report,
[2] Adamas Intelligence, "Rare Earth Magnet Market Outlook to 2040" (Q3 2024), Project Blue - Rare Earths Report 2025 Q2 used for the demand breakdown by segment (end-use)
[3] Morgan Stanley Research – Humanoids: A $5 Trillion Market (May 14, 2025)

Development pipeline challenging

World's most advanced construction ready, ore-to-oxide project



Stage of project within each category is illustrative only and not intended to represent relative progress/development

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[1] Based on share prices as at 30 July 2025
[2] There is no guarantee that Arafura's market capitalisation following production will increase, or that its market capitalisation will be similar to MP or Lynas. MP and Lynas are already in production and so are not identical in nature to Arafura
[3] Groups sitting in funding/construction phase are subject to funding, offtake activities, completion of construction and development, commissioning and general market conditions
[4] www.spglobal.com/market-intelligence/en/news-insights/research/from-6years-to-18years-the-increasing-trend-of-mine-lead-times

The right strategy, the right time

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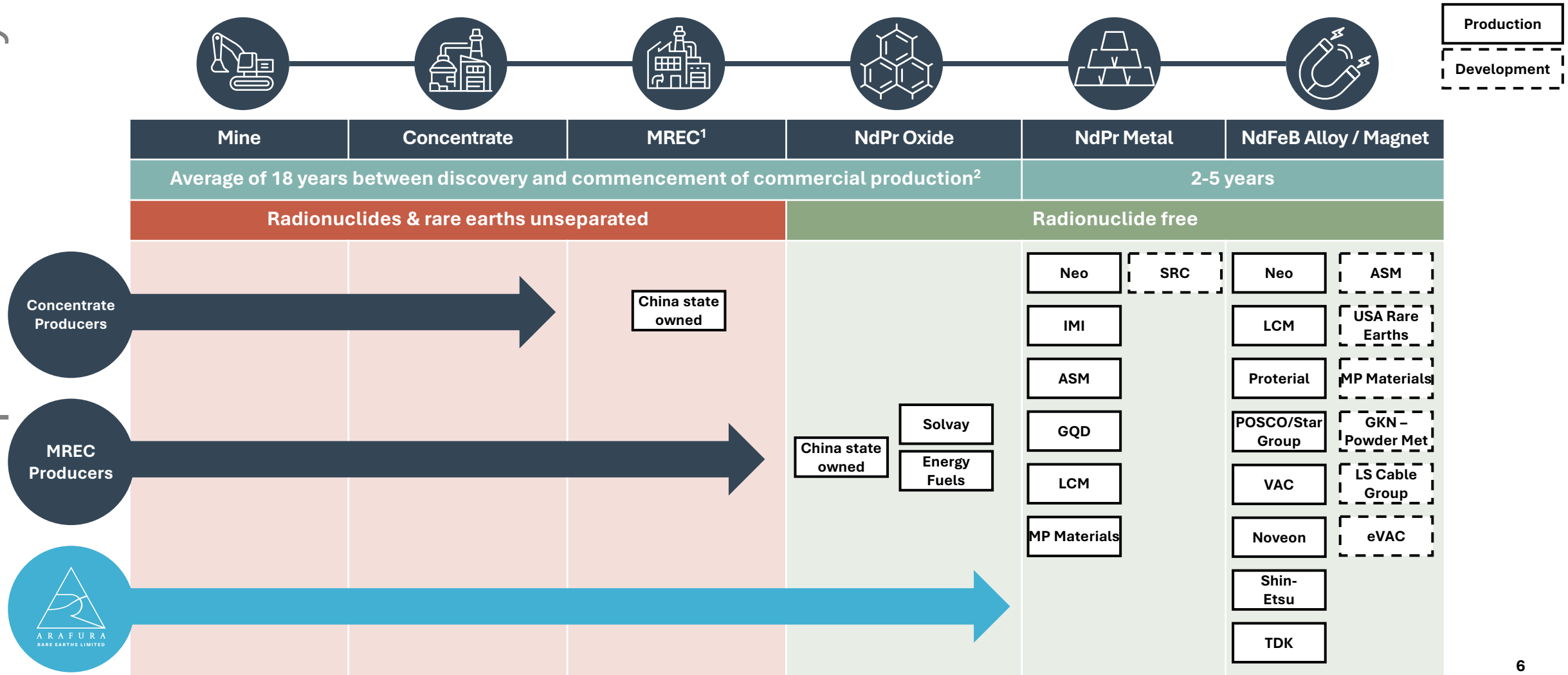

[1]Mixed Rare Earth Carbonate
[2]www.spglobal.com/market-intelligence/en/news-insights/research/from-6years-to-18years-the-increasing-trend-of-mine-lead-times

Arafura – A Nation-Building Initiative

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NdPr Oxide
4,440 tpa

SEG/HRE Oxide[2]
573 tpa
(Includes Dy and Tb)

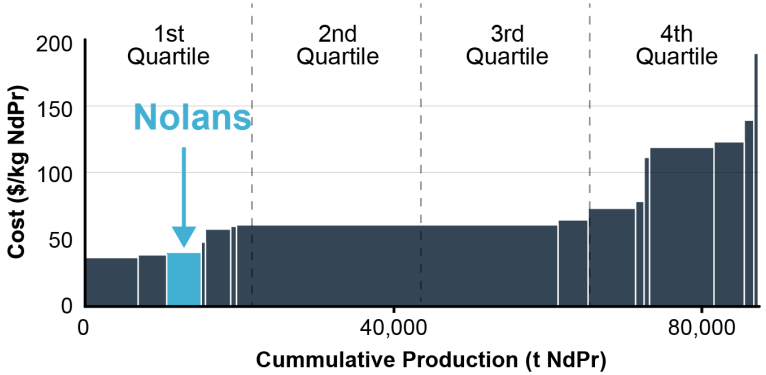
Phos acid
144,393 tpa
(54% P_2O_5 MGA)

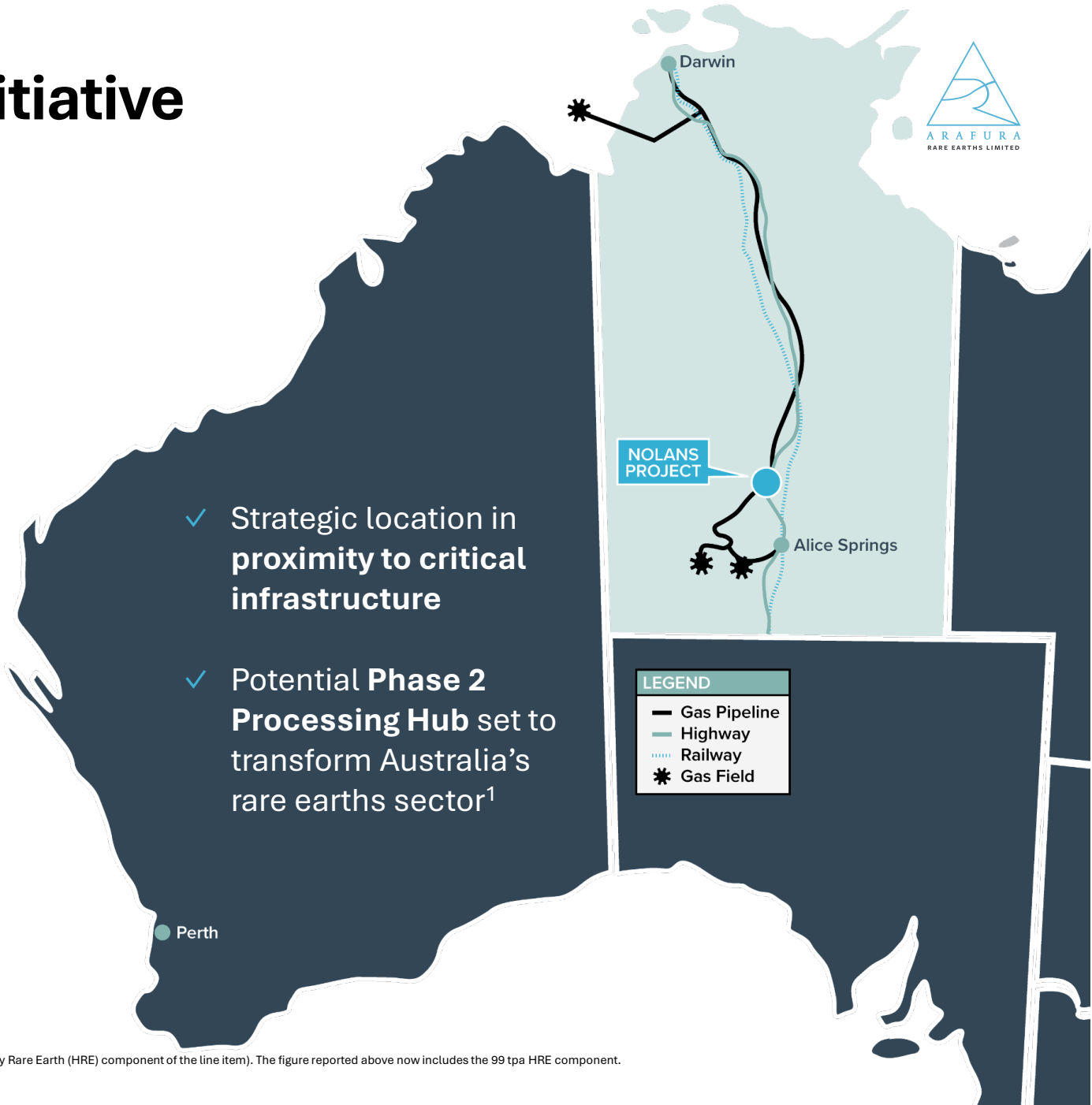
Mine Life
+38 years

Capex[1]
US$1,226 m
(including contingency)

NPV_8 after tax[1]
US$1,729 m (base)
US$2,549 m (incentive)

Nolans sits comfortably in **first quartile of cost curve[3]**





- ✓ Strategic location in **proximity to critical infrastructure**
- ✓ Potential **Phase 2 Processing Hub** set to transform Australia's rare earths sector[1]

[1] Refer to ASX Announcement dated 23 July 2024
[2] In the 2022 Nolans Project Update (Refer to ASX Announcement dated 11 November 2022), SEG was reported as 474 tpa (as that figure did not include the 99 tpa Heavy Rare Earth (HRE) component of the line item). The figure reported above now includes the 99 tpa HRE component.
[3] CRU Rare Earths Cost Curve, April 2024. Based on CRU independent estimate of Nolans operating costs in 2030. May not be consistent with Arafura's published costs.

Construction ready

Once financed, we are ready to go

Environmental permits and approvals in place

Granted mineral lease / license

Access to existing infrastructure

>US$40m on site works de-risking project schedule

Experienced Board and leadership team supported by Hatch

Construction to commence when funding complete

Project well defined with >60% process plant engineering, enabling:

- stable capital forecast
- reduced cash burn rate, sufficient liquidity to CY2026

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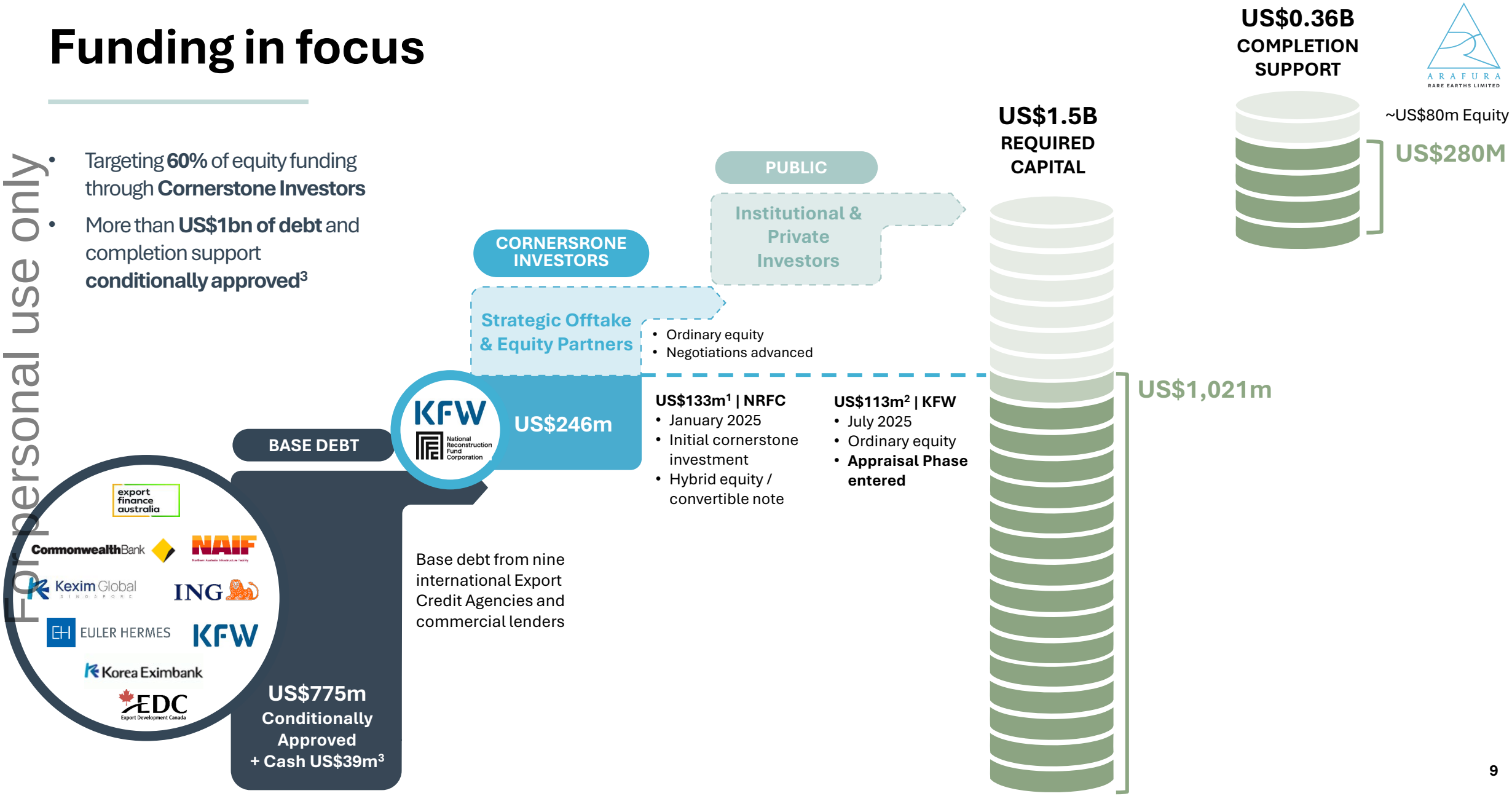
Funding in focus

- Targeting **60%** of equity funding through **Cornerstone Investors**
- More than **US$1bn of debt** and completion support **conditionally approved**[3]



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[1] Refer to ASX announcement dated 15 January 2025. Assumed exchange rate USD:AUD 66.5
[2] Refer to ASX announcement dated 8 July 2025. Assumed EUR$100m investment size and exchange rate EUR:USD 113. Investment remains subject to additional 500tpa of NdPr oxide being supplied into the German market, detailed due diligence, approval from Germany's Interministerial Committee and the execution of definitive agreements.
[3] Refer to ASX Announcement dated 23 July 2024

ESG – an integrated approach focusing on what matters most

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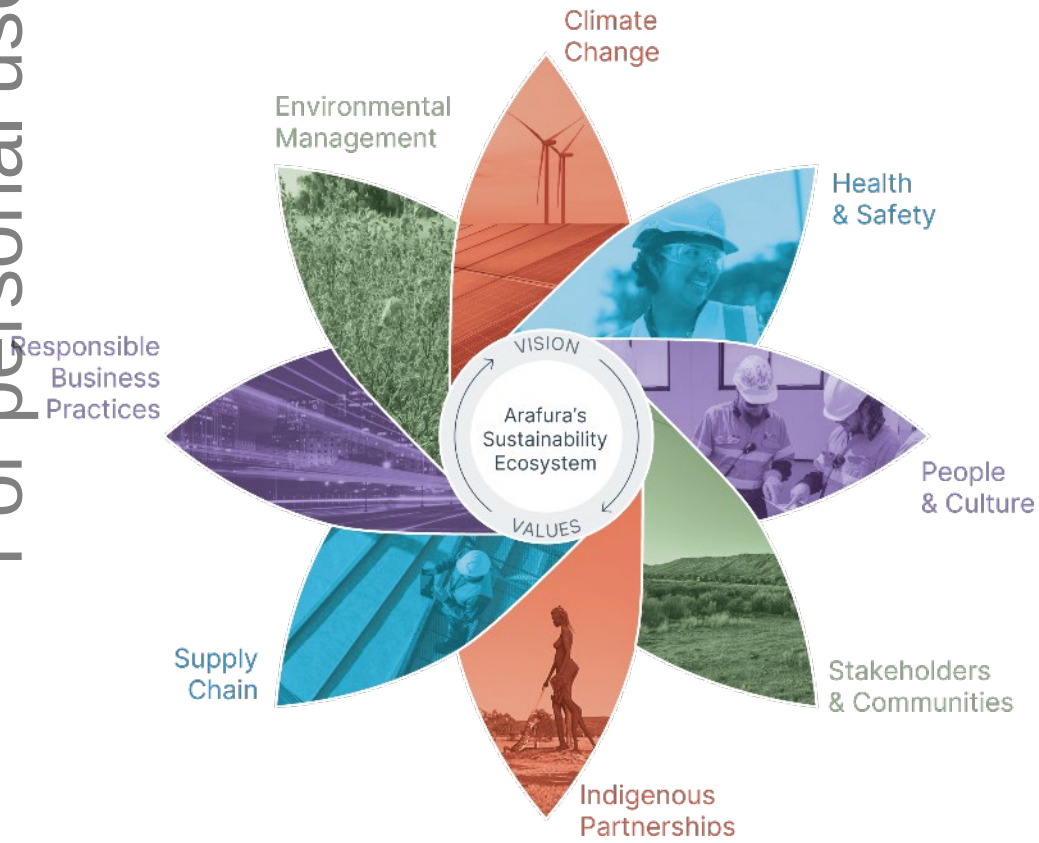
As a greenfields developer we have a unique opportunity to create and deliver value for all stakeholders



We recognise the interdependencies of ESG in our business

We are building capability to deliver best-practice ESG

We are aligning our governance to international standards

We are poised to make a positive difference in the communities where we operate and live

The Nolans Project is ready to go

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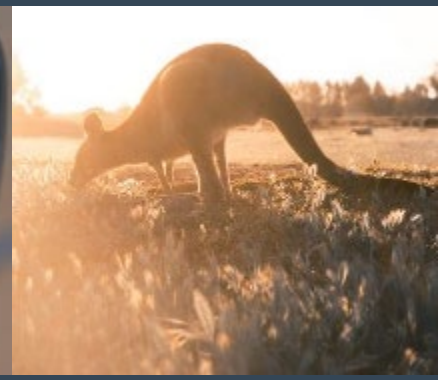

Large, high grade, scalable resource

38-year mine life underpinned by Mineral Resource of 56Mt[1] at a grade of 2.6% TREO (26.4% NdPr enrichment)

Life of mine average production of 4,440 tpa NdPr oxide[2]

Construction ready, ore-to-oxide project

One of the only construction-ready, fully-permitted, ore-to-oxide NdPr rare earths projects in the western world

135km north of Alice Springs in the Northern Territory Nolans is close to existing infrastructure, with a high-level of engineering completed

Projected first quartile of cost curve

Revised project economics released in July 2024[3]

Low-cost operation placing Nolans in the first quartile of the cost curve underpinning attractive economics through the cycle

Debt funding and binding offtakes secured

>US$1 billion in debt funding conditionally approved[3]

NRFC A$200m investment commitment[4]

Secured binding offtake agreements with tier 1 customers Hyundai & Kia and Siemens Gamesa Renewable Energy and global trading group Traxys[5]

Project delivery to drive re-rate of market valuation

Existing rare earth producers have elevated EV/EBITDA trading multiples due to strategic importance and strong fundamentals

Potential for significant re-rate in Arafura's market valuation to EV/EBITDA once production achieved

Environment, social, governance

Building capability to deliver best-practice ESG

Aligning governance to international standards

Net zero pathway published in 2023[6]

Rare earths from Nolans is differentiated by ESG credentials

Unique opportunity to create and deliver value for all stakeholders

[1] Mineral Resource comprises 4.9Mt Measured Resource, 30Mt Indicated Resource and 21Mt Inferred Resource
[2] Refer to ASX Announcement dated 11 November 2022.
[3] Refer to ASX Announcement dated 23 July 2024.
[4] Refer to ASX announcement dated 15 January 2025.
[5] Refer to ASX Announcements dated 7 November 2022, 11 April 2023 and 20 March 2025
[6] Refer to ASX Announcement dated 31 January 2023.

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