

# Annual General Meeting 2025

Shubiao TAO  
Managing Director



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Information in this presentation relating to exploration results, data and cut off grades is based on information compiled by Dr Wayne Taylor. Dr Taylor is a member of the AIG. Dr Taylor is a consultant of Energy Metals. He has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)”. Dr Taylor consents to the inclusion of the information in the report in the form and context in which it appears.

All amounts in A\$ unless stated otherwise.

# Brief Introduction of Energy Metals Limited

## The Projects of Energy Metals Limited



# Brief Introduction of Energy Metals Limited

## Issues shares & cash on hand

Shares on Issue	209.7m
Shareholders*	713
Cash & Bank (31 Dec 2024)	\$11.47m

\* As on 11 April 2025

## Top 10 Shareholders

China Uranium Development Company Ltd*	66.45%
Ningbo Weisheng Dingxuan Equity Inv Cap Partnership	12.66%
Mr. Bin Cui	3.58%
Mr Fabian Gadnai	1.50%
Kale Capital Corporation Ltd	1.43%
Mr Lindsay George Dudfield	1.22%
Evermind Pty Ltd	0.93%
BNP Paribas Nominees Pty Ltd	0.60%
Ms Lena Liu	0.59%
Central Pacific Minerals NL	0.57%

\* A subsidiary of CGN Uranium Resources Company Ltd

## Directors & Management

- Mr Deqiang Tian (Non-Executive Chairman)
- Mr Shubiao Tao (Managing Director)
- Mr Lindsay Dudfield (Non-Executive Director)
- Ms Jan Macpherson (Non-Executive Director)
- Mr Zhe Xu (Non-Executive Director)
- Mr Jun Zhou (Non-Executive Director)
- Mr Wei Wang (Non-Executive Director)
- Ms Xuekun Li (Company Secretary)
- Mr Dave Nelson (Exploration Manager)

# EME Share Price vs U3O8 Price Since 2010

EME Share  
Price Au\$

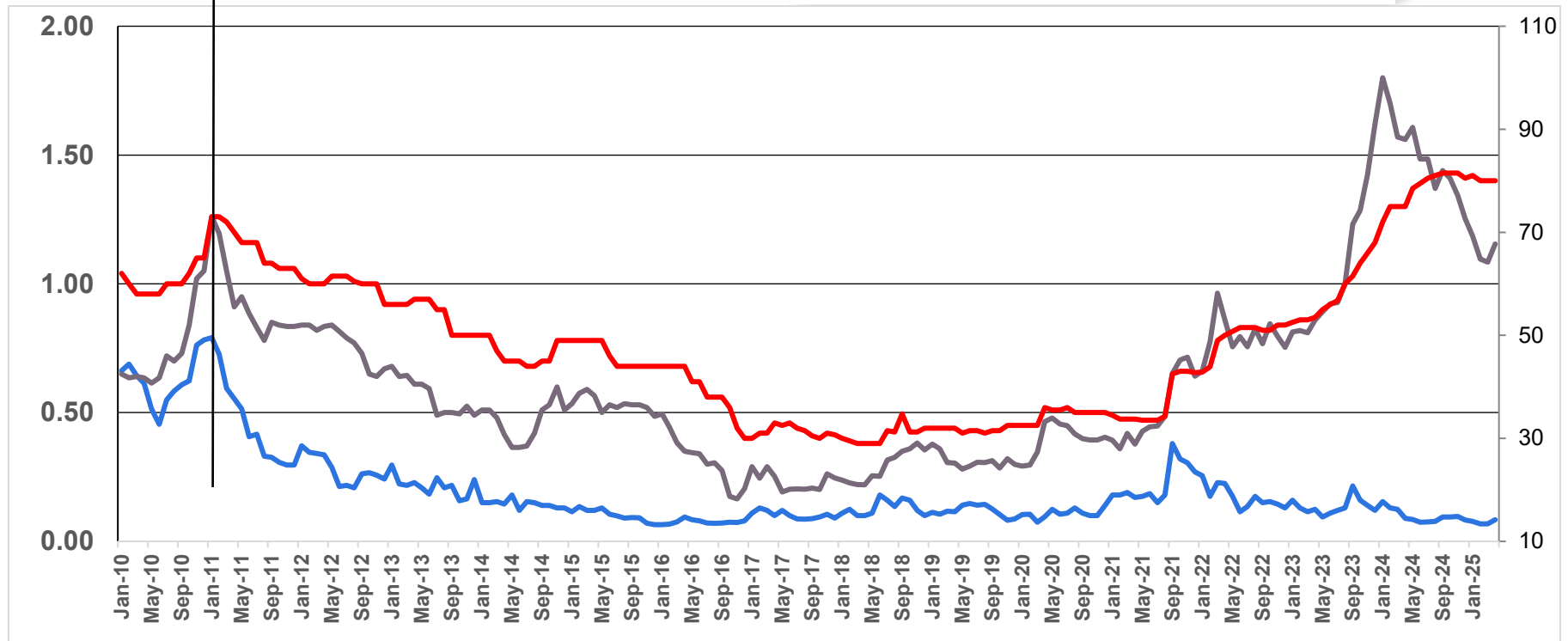
Uranium Price  
US\$/lb U3O8

Japanese  
Tsunami

Current EME Share Price \$0.077

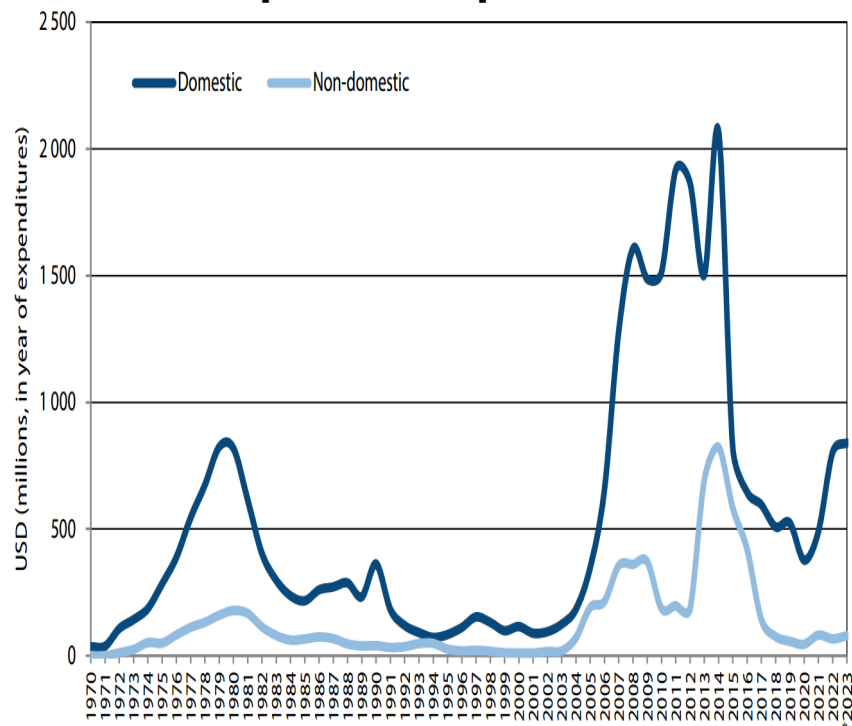
Current Spot Price \$70.00

Long Term Uranium Price \$80.00



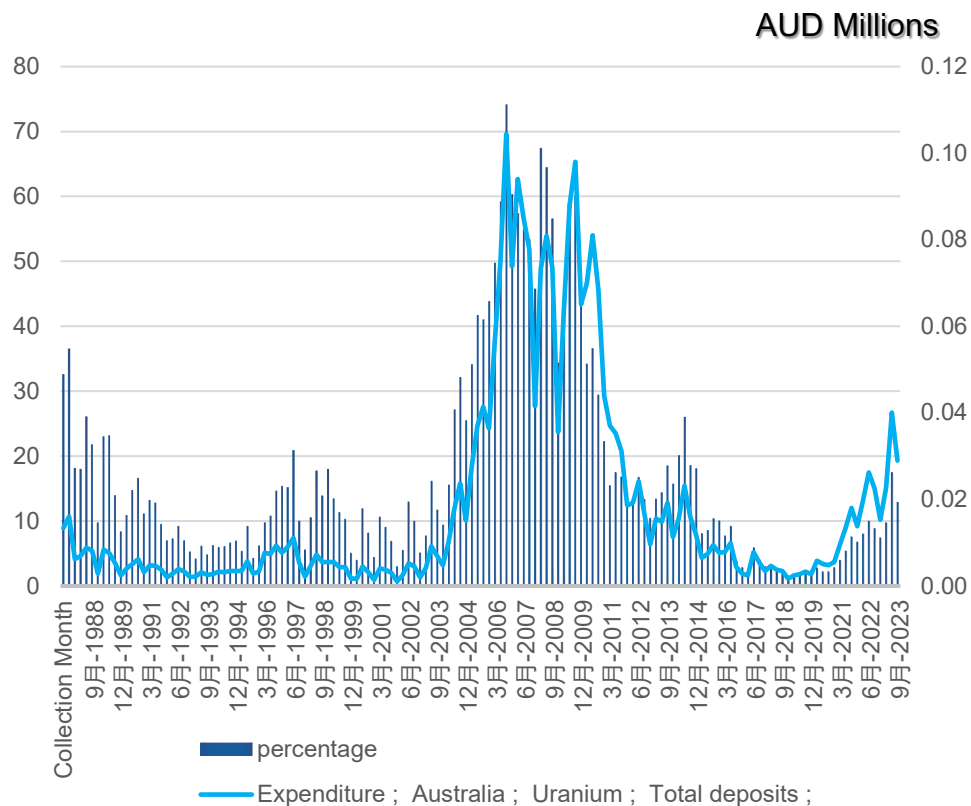
# Uranium Exploration Investments remain at low levels

## Trends in Global Exploration and Development Expenditures



Source: Nuclear Energy Agency, International Atomic Energy Agency, and Australian Bureau of Statistics

## Australia Uranium Exploration Expenditure

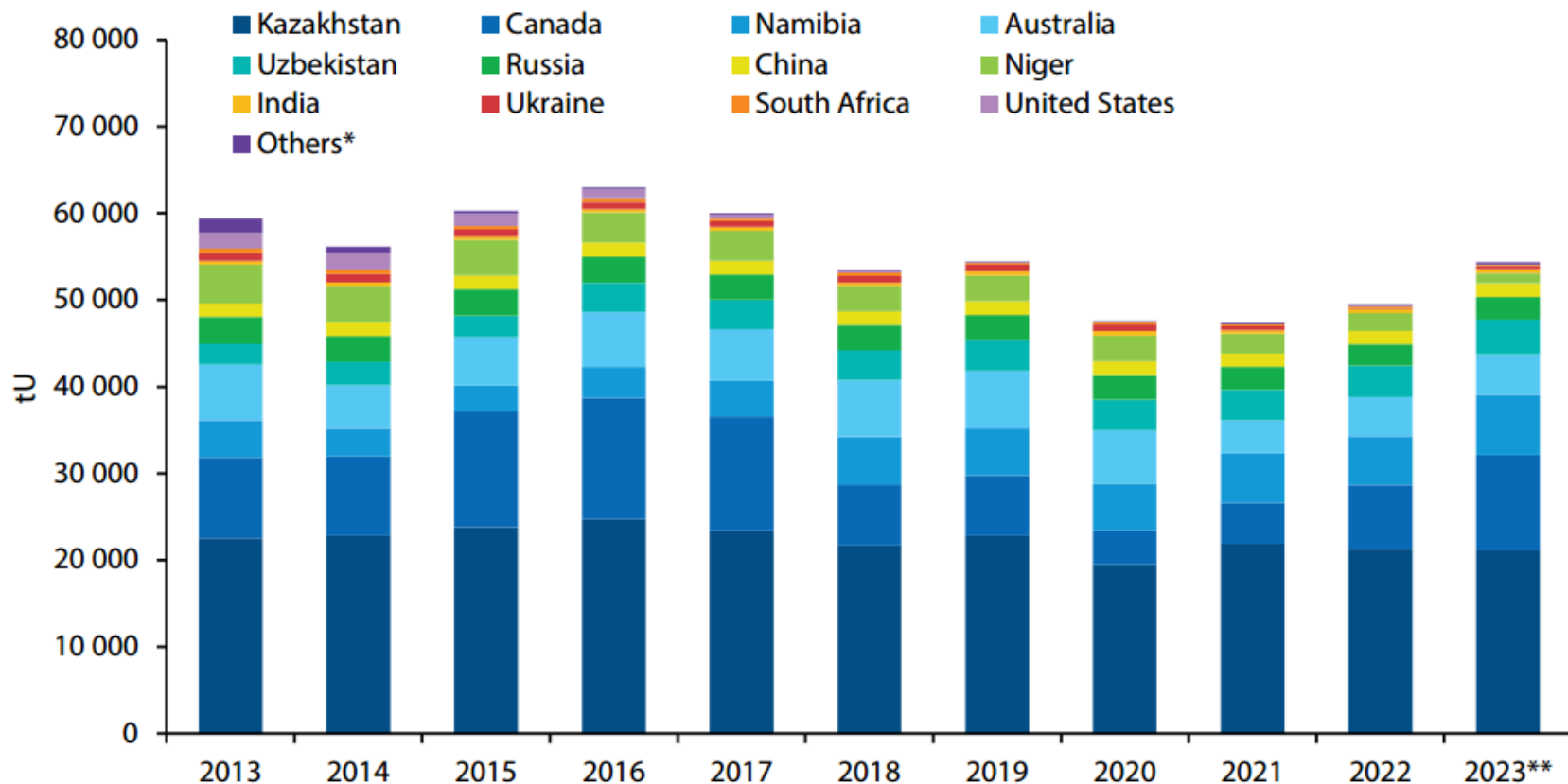


With the recovery of natural uranium prices, there is an upward trend in the global budget for natural uranium exploration expenditures. Canada remains the prime destination for uranium exploration.

In 2024, the global increase is expected to be 33%, but the total exploration budget value is still significantly lower than that of 2010-2015.

# Uranium Market Review

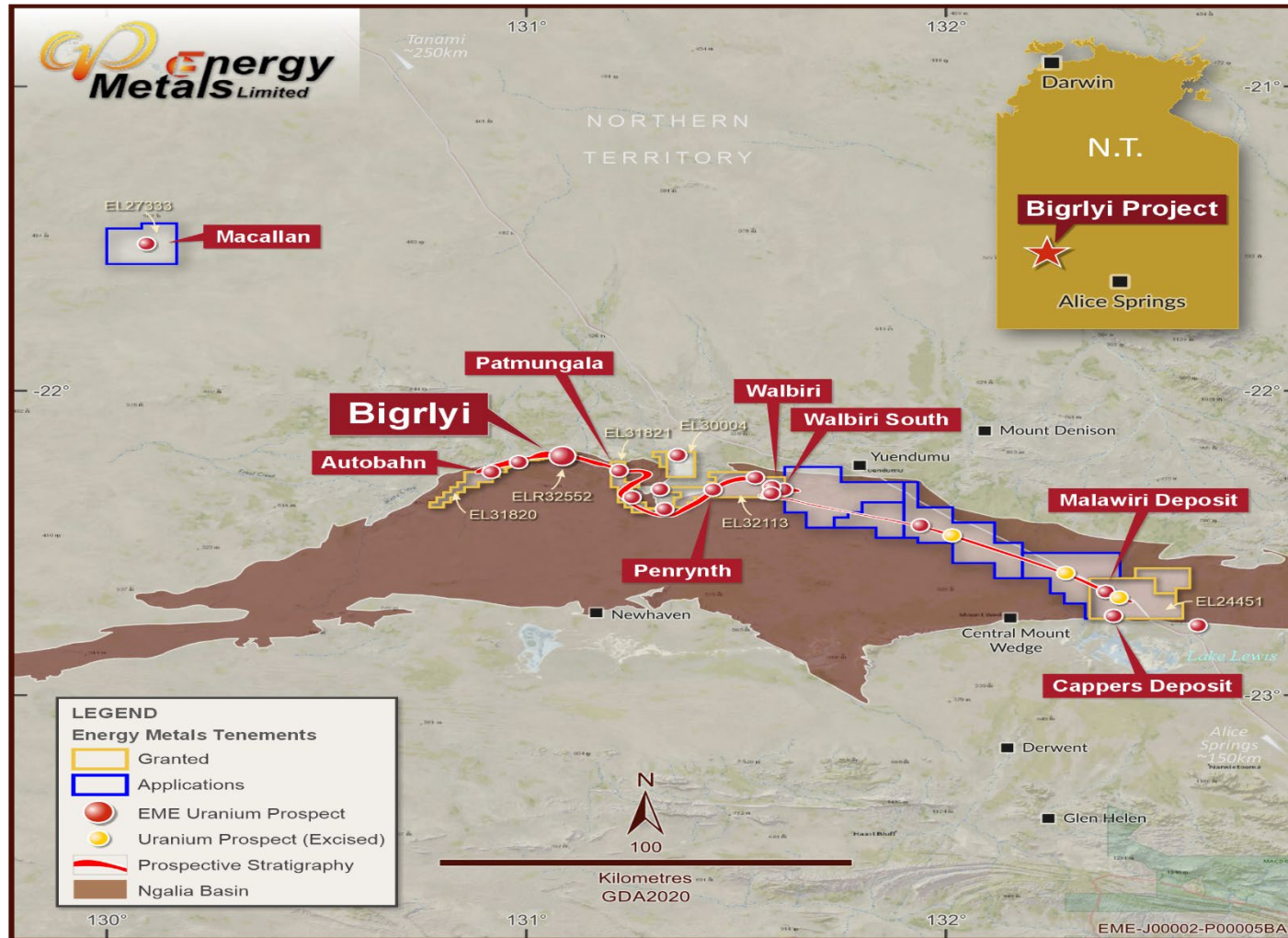
## Last Decade of World Uranium Production



Source: Nuclear Energy Agency, \*\* Estimated by Nuclear Energy Agency and IAEA



# Northern Territory projects





# Northern Territory Projects: Bigrlyi JV

## Bigrlyi Joint Venture (EME 72.39%, NTU 20.82% and Noble 6.79%)



- Bigrlyi is EME's flagship project
- A sandstone-hosted Uranium-Vanadium Deposit
- Well positioned to take advantage of recent positive sentiment in the uranium market
- Between July and September 2024, the Company completed 37 drillholes at Bigrlyi totalling 11,055m. Drilling took place at the A2, A4, and A15 subdeposits. Excellent results were received from all 3 subdeposits, and particularly at A4 where a very high-grade zone was defined at depth below the planned mining area.

## Mineral Resource Estimate at 500ppm U3O8 Cut-off (2024)

Resource Category	Tonnes (Millions)	U3O8 (ppm)	U3O8 (t)	U3O8 (Mlb)
Measured	1.09	1,610	1,760	3.9
Indicated	3.14	1,670	5,250	11.6
Inferred	2.08	1,280	2,650	5.8
<b>Total</b>	<b>6.32</b>	<b>1,530</b>	<b>9,660</b>	<b>21.3</b>

# Ngalia Regional Projects

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## Ngalia Regional Project (EME 100%)

- A number of high priority uranium targets have been identified on the Ngalia Regional tenements. Most of these prospects are of a similar style to the Bigirlyi deposit and are hosted in the Carboniferous-age Mt Eclipse Sandstone.
- Work programs in 2024 focussed on testing a long-standing target at Walbiri South with RC drilling. An RC drilling program comprising 6 holes for a total of 1140 metres was completed in November 2024. The aim of the program was to test the concealed IP targets under the cover sequence at Walbiri South. The program was successful in identifying the continuation of prospective units of MES in their modelled position, opening up a new front for uranium exploration in close proximity to a known deposit.
- No significant uranium intersections were reported from this first pass drilling program however that was not the intention of the program. More importantly, the Company now recognizes Walbiri South as hosting a 5km strike length of prospective and untested host rocks, opening the door for further exploration work here in future.



# Plans for 2025

## Northern Territory Projects:

- Active exploration activities:
  - Update to the MRE and various mining studies of Birglyi
  - Drilling programs at Birglyi and Ngalia

## WA Projects:

- Exploration activities suspended





**ASX:EME**

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# Competent Persons' Statement

The information in this report relating to mineral resource estimates for the Bigrlyi Deposit is based on information compiled by Arnold van der Heyden BSc, who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM). Mr van der Heyden has more than five years relevant experience in estimation of mineral resources and the mineral commodity uranium. Mr van der Heyden is a full time employee of Helman & Schofield and takes responsibility for the resource estimation. Mr van der Heyden has sufficient experience relevant to the assessment of this style of mineralisation to qualify as a Competent Person as defined in the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)". Mr van der Heyden consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

The Mineral Resource estimate for the Bigrlyi Deposit Results of the MRE update were announced to the ASX on 1 August 2024.

Information in this presentation relating to exploration results, data and cut-off grades is based on information compiled by Dr Wayne Taylor, MAIG. Dr Taylor is a consultant of Energy Metals. Dr Taylor has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)". Dr Taylor consents to the inclusion of the information in the report in the form and context in which it appears.