

PALADIN

A global uranium producer with scale and growth

Citi Australia & New Zealand Investment Conference 2025

15 October 2025



Important Notice

This presentation (**Presentation**) is dated 15 October 2025 and has been prepared by Paladin Energy Ltd (the **Company** or **Paladin**) based on information available to it at that time. You should read this disclaimer carefully before making any use of this Presentation or the information contained herein. By accessing or reviewing this Presentation you acknowledge and agree to the terms set out in this disclaimer.

Summary Information

The information in this Presentation is of a general background nature only and does not purport to be complete or contain all of the information investors would require to evaluate an investment in the Company. The information in the Presentation is current as at the date of the Presentation and the Company accepts no responsibility for updating its content. This Presentation has been prepared with due care, but the Company gives no representation or warranty (express or implied) in relation to the currency, accuracy, reliability, fairness or completeness of the information, opinions or conclusions herein. This Presentation should be read together with Paladin's periodic and continuous disclosure, available at www.paladinenergy.com.au and www.sedarplus.ca.

Not an Offer

This Presentation is for information purposes only and does not constitute an offer, invitation or recommendation to purchase or otherwise deal in securities in the Company or any other financial products. Neither this Presentation nor any of its contents will form the basis of any contract or commitment. This Presentation is not a prospectus, product disclosure statement or other disclosure or offer document under Australian law, Canadian law, or the law of any other jurisdiction.

Not Investment or Financial Advice

This Presentation, and the information in it, does not constitute financial product, legal, tax or other investment advice and is not a recommendation regarding the acquisition or disposal of Paladin's securities. No account has been taken of the objectives, financial situation or needs of any recipient of this Presentation. Recipients should therefore carefully consider whether Paladin's securities are an appropriate investment for them in their personal, financial, taxation and other circumstances. Recipients should seek appropriate independent professional advice before taking any action based on the information contained in this Presentation.

Past Performance

Historical information in this Presentation should not be relied upon as (and is not) an indication of future performance, including share price performance.

Forward-Looking Statements

This document contains certain "forward-looking statements" within the meaning of Australian securities laws and "forward-looking information" within the meaning of Canadian securities laws (collectively referred to in this document as forward-looking statements). All statements in this document, other than statements of historical or present facts, are forward-looking statements and generally may be identified by the use of forward-looking words such as "anticipate", "expect", "likely", "propose", "will", "intend", "should", "could", "may", "believe", "forecast", "estimate", "target", "outlook", "guidance" and other similar expressions.

Forward-looking statements involve subjective judgment and analysis and are subject to significant uncertainties, risks and contingencies including those risk factors associated with the mining industry, many of which are outside the control of, change without notice, and may be unknown to Paladin. These risks and uncertainties include but are not limited to liabilities inherent in mine development and production, geological, mining and processing technical problems, the inability to obtain any additional mine licenses, permits and other regulatory approvals required in connection with mining and third party processing operations, competition for amongst other things, capital, acquisition of reserves, undeveloped lands and skilled personnel, incorrect assessments of the value of acquisitions, changes in commodity prices and exchange rates, currency and interest fluctuations, various events which could disrupt operations and/or the transportation of mineral products, including labour stoppages and severe weather conditions, the demand for and availability of transportation services, the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks. Readers are also referred to the risks and uncertainties referred to in the Company's "2025 Annual Report" (Annual Report) and in Paladin's Management's Discussion and Analysis for the year ended 30 June 2025 (MD&A), each released on 28 August 2025 and in the Company's Annual Information Form for the year ended 30 June 2025 released on 15 September 2025 and available to view at paladinenergy.com.au and on www.sedarplus.ca.

Although at the date of this document, Paladin believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from the expectations expressed in such forward-looking statements due to a range of factors including (without limitation) fluctuations in commodity prices and exchange rates, exploitation and exploration successes, permitting and development issues, political risks including the impact of political instability on economic activity and uranium supply and demand, Indigenous Nations engagement, climate risk, operating hazards, natural disasters, severe storms and other adverse weather conditions, shortages of skilled labour and construction materials, equipment and supplies, regulatory concerns, continued availability of capital and financing and general economic, market or business conditions and risk factors associated with the uranium industry generally. There can be no assurance that

forward-looking statements will prove to be accurate.

Readers should not place undue reliance on forward-looking statements, and should rely on their own independent enquiries, investigations and advice regarding information contained in this document. Any reliance by a reader on the information contained in this document is wholly at the reader's own risk. The forward-looking statements in this document relate only to events or information as of the date on which the statements are made. Paladin does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise. No representation, warranty, guarantee or assurance (express or implied) is made, or will be made, that any forward-looking statements will be achieved or will prove to be correct. Except for statutory liability which cannot be excluded, Paladin, its officers, employees and advisers expressly disclaim any responsibility for the accuracy or completeness of the material contained in this document and exclude all liability whatsoever (including negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this document or any error or omission therefrom. Except as required by law or regulation, Paladin accepts no responsibility to update any person regarding any inaccuracy, omission or change in information in this document or any other information made available to a person, nor any obligation to furnish the person with any further information. Nothing in this document will, under any circumstances, create an implication that there has been no change in the affairs of Paladin since the date of this document.

To the extent any forward-looking statement in this document constitutes "future-oriented financial information" or "financial outlooks" within the meaning of Canadian securities laws, such information is provided to demonstrate Paladin's internal projections and to help readers understand Paladin's expected financial results. Readers are cautioned that this information may not be appropriate for any other purpose and readers should not place undue reliance on such information. Future-oriented financial information and financial outlooks, as with forward-looking statements generally, are, without limitation, based on the assumptions, and subject to the risks and uncertainties, described above.

Investment Risk

An investment in the Company is subject to a range of known and unknown risks, including the possible loss of income and/or capital invested. The Company does not guarantee any particular rate of return, the performance of the Company, the repayment of capital from the Company or the particular tax treatment of any investment. When making any investment decision, investors should make their own enquiries and investigations, including but not limited to forming their own views regarding the assumptions, uncertainties and contingencies mentioned in this Presentation which may affect the future operations and financial condition of the Company.

Geological Information

Unless otherwise stated, information in this Presentation relating to the Company's mineral resource and ore reserve estimates (other than the Patterson Lake South project (PLS)) has been prepared in accordance with the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Unless otherwise stated, such information has been extracted from the Company's "2025 Annual Report to Shareholders" released on 28 August 2025 (Annual Report) and available to view at paladinenergy.com.au. Paladin confirms that it is not aware of any new information or data that materially affects the information extracted from the Annual Report and, in the case of mineral resources or ore reserve information, that all material assumptions and technical parameters underpinning those estimates continue to apply and have not materially changed.

Mineral resource and mineral reserve estimates relating to the PLS Project have been prepared in accordance with National Instrument 43-101 - Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators (NI 43-101).

National Instrument 43-101

The scientific and technical information relating to the Langer Heinrich Mine (LHM) in this Presentation is based on the technical report titled "NI 43-101 Technical Report on Langer Heinrich Uranium Project, Erongo Region, Republic of Namibia" (effective date 31 March 2024), prepared in accordance with NI 43-101 and available on www.sedarplus.ca. Scientific and technical information relating to the LHM in this Presentation was reviewed and approved by David Varcoe, Principal Mining Engineer for AMC Consultants Pty Ltd, and David



Princep, a full-time employee of Gill Lane Consulting Pty Ltd, each a "qualified person" under NI 43-101.

The scientific and technical information relating to PLS in this Presentation is based on the technical report titled "Feasibility Study, NI 43-101 Technical Report, for PLS Property" (effective date 17 January 2023), prepared in accordance with NI 43-101 and available on www.sedarplus.ca. Scientific and technical information relating to PLS in this Presentation was reviewed and approved by Kanan Sarioglu, VP Exploration of Paladin Canada Inc. (a subsidiary of Paladin), a "qualified person" under NI 43-101.

Foreign Estimates

For the purposes of ASX Listing Rule 5.12, the PLS Project mineral reserve and mineral resource estimates are foreign estimates prepared in accordance with NI 43-101. Such estimates have not been reported in accordance with the JORC Code. Accordingly, a competent person has not done sufficient work to classify the foreign estimate as mineral resources or ore reserves in accordance with the JORC Code, and it is uncertain whether further evaluation and exploration will result in an estimate reportable under the JORC Code. See Paladin's ASX announcement titled "Paladin Energy to acquire Fission Uranium creating a clean energy leader" dated 24 June 2024 and the Company's 2025 Annual Report for additional technical information relating to such foreign estimates. Paladin confirms that the supporting information provided in that announcement continues to apply and has not materially changed. Paladin also confirms that it is not in possession of any new information or data relating to these foreign estimates that materially impacts their reliability or Paladin's ability to verify the foreign estimates as a mineral resource or ore reserve estimate in accordance with the JORC Code.

Market and Industry Data

Certain information in this Presentation may have been obtained from market and industry data and forecasts obtained from government or industry publications and reports. Such market and industry data is subject to variations and cannot be verified due to limits on the availability and reliability of the relevant data inputs, the voluntary nature of the data gathering process and other limitations and uncertainties inherent in any market or other survey. While Paladin believes any such data contained in this Presentation to be reliable, neither Paladin nor its representatives have independently verified any such information sourced from third parties and accordingly disclaims all responsibility and liability whatsoever in respect to any such information.

Non-IFRS measures

Paladin uses certain financial measures that are considered "non-IFRS financial information" within the meaning of Australian securities laws and/or "non-GAAP financial measures" within the meaning of Canadian securities laws (collectively referred to in this announcement as Non-IFRS Measures) to supplement analysis of its financial and operating performance. These Non-IFRS Measures do not have a standardised meaning prescribed by International Financial Reporting Standards (IFRS) and therefore may not be comparable to similar measures presented by other issuers. For an explanation of how Paladin uses non-IFRS measures and definitions of individual non-IFRS measures used by Paladin, see Paladin's MD&A released to the exchanges on 28 August 2025 available to view at paladinenergy.com.au and on www.sedarplus.ca.

The Company believes these measures provide additional insight into its financial results and operational performance and are useful to investors, securities analysts, and other interested parties in understanding and evaluating the Company's historical and future operating performance. However, they should not be viewed in isolation or as a substitute for information prepared in accordance with IFRS. Accordingly, readers are cautioned not to place undue reliance on any Non-IFRS Measures.

Rounding

Figures, amounts, percentages, estimates and calculations of value in this Presentation are subject to rounding. Accordingly, the actual calculation of such figures may differ from figures in this Presentation.

Authorisation

This announcement has been authorised for release by the Board of Directors of Paladin.

A global uranium producer with scale and growth



Foundations in place to underpin Paladin's growth and value creation

Strong uranium market outlook driven by nuclear energy demand

- Increasing nuclear energy demand led by global energy security and electrification
- Global utilities increasingly securing uranium supply from Western facing jurisdictions
- Structural uranium supply-demand deficit due to under-investment

Final phase of the Langer Heinrich Mine¹ ramp-up underway

- Full mining and processing operations planned for FY2027²
- Processing plant optimised with consistent recoveries and record production achieved since the restart of the Langer Heinrich Mine (LHM)²
- Remaining mining fleet expected to be in service in the second half of FY2026²










Growth via the Patterson Lake South Project

- High-grade, conventional near surface project located in a premier mining jurisdiction
- World-class uranium project which is highly cash flow generative in a range of price environments³
- Strong adjacent exploration upside and potential to extend the Patterson Lake South (PLS) Project resource

1. Paladin has a 75% interest in the LHM. 2. Refer to Paladin's exchange announcement titled "Quarterly Activities Report – September 2025" dated 14 October 2025. 3. Refer to Paladin's exchange announcements titled "Patterson Lake South Project Update" and "Patterson Lake South Project Update – Presentation" dated 28 August 2025,

Multi-decade production and growth pipeline



Namibia		Canada		Exploration portfolio in Australia ¹ and Canada																	
Production	Development	Preliminary Economic Assessment	Advanced Exploration	Early-Stage Exploration (Athabasca Basin)																	
 Langer Heinrich Mine  NAMIBIA	 Patterson Lake South Project  CANADA	 Michelin  CANADA	 Manyingee & Carley Bore Mount Isa  AUSTRALIA	 <table><tr><td>Juliet</td><td>11,148 ha</td></tr><tr><td>Seahawk</td><td>6,293 ha</td></tr><tr><td>Typhoon</td><td>3,867 ha</td></tr><tr><td>Corsair</td><td>3,613 ha</td></tr><tr><td>Caliban</td><td>2,296 ha</td></tr><tr><td>Cupid</td><td>1,519 ha</td></tr><tr><td>Prospero</td><td>1,442 ha</td></tr><tr><td>Merlin</td><td>808 ha</td></tr></table>		Juliet	11,148 ha	Seahawk	6,293 ha	Typhoon	3,867 ha	Corsair	3,613 ha	Caliban	2,296 ha	Cupid	1,519 ha	Prospero	1,442 ha	Merlin	808 ha
Juliet	11,148 ha																				
Seahawk	6,293 ha																				
Typhoon	3,867 ha																				
Corsair	3,613 ha																				
Caliban	2,296 ha																				
Cupid	1,519 ha																				
Prospero	1,442 ha																				
Merlin	808 ha																				

1. The state government of Queensland permits uranium exploration, but bans uranium mining, whilst the current state government of Western Australia currently has no-development uranium mining policy.

September 2025 Quarter Highlights



Material
mined at LHM

63% higher
than previous quarter

Production

1.1Mlb U₃O₈

Cash and
investments

US\$269.4M

PLS Project
engineering
review confirmed
technical robustness
and de-risks
development and
operations

Paul Hemburrow's
appointment as
MD & CEO effective
1 September 2025

A\$300 million fully
underwritten equity
raising successfully
completed

Langer Heinrich Mine (LHM)

Namibia

LHM September 2025 Quarter Highlights



1.1Mlb U_3O_8

record quarterly production since the restart of the LHM

477ppm

ore grade as LHM continues to blend stockpiles with primary ore feed

86%

average overall plant recovery rate within target range

533.8klb U_3O_8

sold under long term contracts

US\$67.4/lb U_3O_8

average realised price¹

US\$41.6/lb U_3O_8

cost of production² reflecting operational progress in the ramp-up

For further information refer to Paladin's exchange announcement titled "Quarterly Activities Report – September 2025" dated 14 October 2025.

1. Average Realised Sales Price (US\$/lb U_3O_8) is a Non-IFRS Measure that represents the average revenue received per pound of uranium sold during a given period. Refer to "Non-IFRS Measures" in the September 2025 Quarterly Activities Report. 2. The Cost of Production per pound is a non-IFRS measure and represents the total production costs divided by pounds of U_3O_8 produced. The Cost of Production is calculated as the total direct production expenditures incurred during the period (including mining, stockpile rehandling, processing, site maintenance, and mine-level administrative costs), excluding costs such as cost of ore stockpiled, capitalised stripping costs, depreciation and amortisation, general and administration costs, royalties, exploration expenses, sustaining capital and the impacts of any inventory impairments or impairment reversals. Refer to "Non-IFRS Measures" in the September 2025 Quarterly Activities Report.

Building on the mining capability

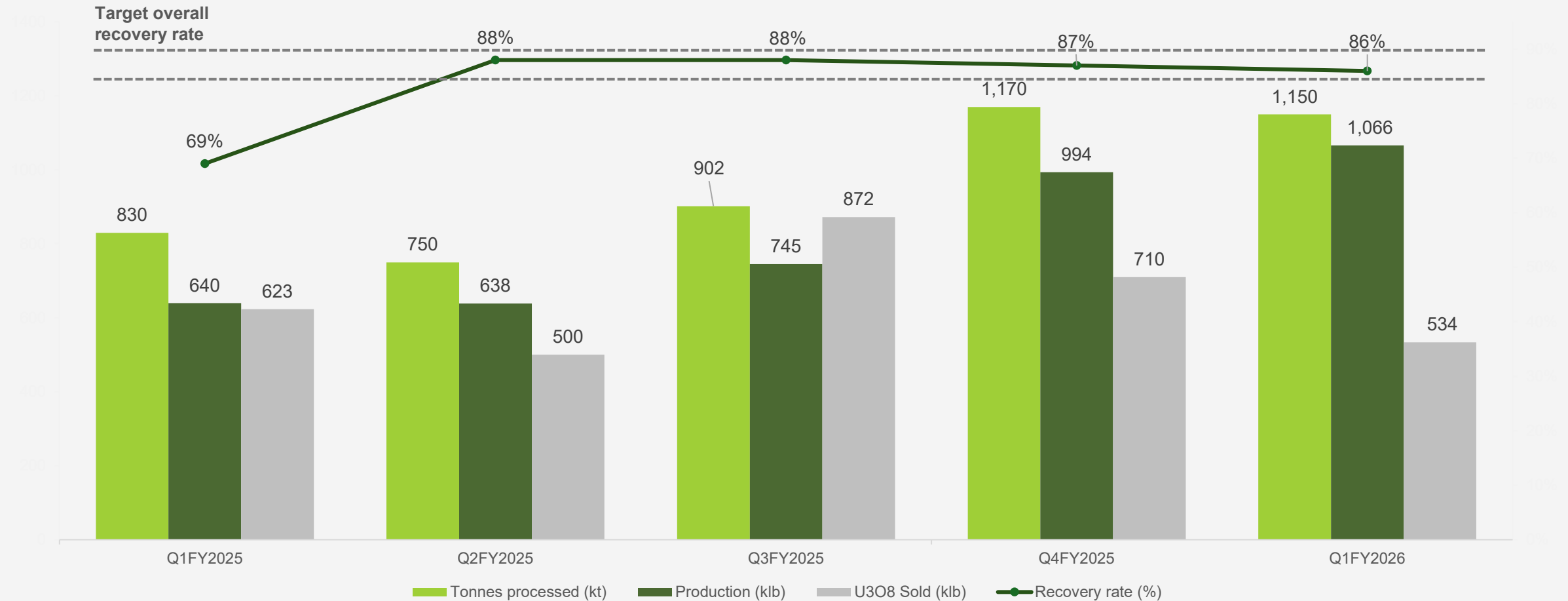


Mining activities continued to ramp up during the September quarter, with active drilling, blasting, and load-and-haul activities focused on the G and F pits

- Total mined material was 5.27Mt during the quarter, an increase of 63% compared to the previous quarter
- Waste stripping in the G-pit area was prioritised to enable future ore access, and preparatory works for the G3A pit were progressed
- The remaining mining fleet is scheduled for delivery in late CY2025 and expected to be commissioned and in service during the second half of FY2026
- The Company continues to expect lower levels of primary mined ore feed during the December 2025 quarter, as mining operations focus on waste removal across the G-pit area to enable higher levels of mined ore production during the second half of FY2026



LHM Processing Plant optimisation delivering recovery stability and throughput improvement



Infrastructure in place to support transition to full mining and processing operations



Tailings Storage Facility 6 successfully commissioned to provide capacity for ongoing production



Refurbished power infrastructure with track record of reliable power supply



NamWater upgrades and on-site water management strategies implemented for long-term water supply



Industry-leading contract book



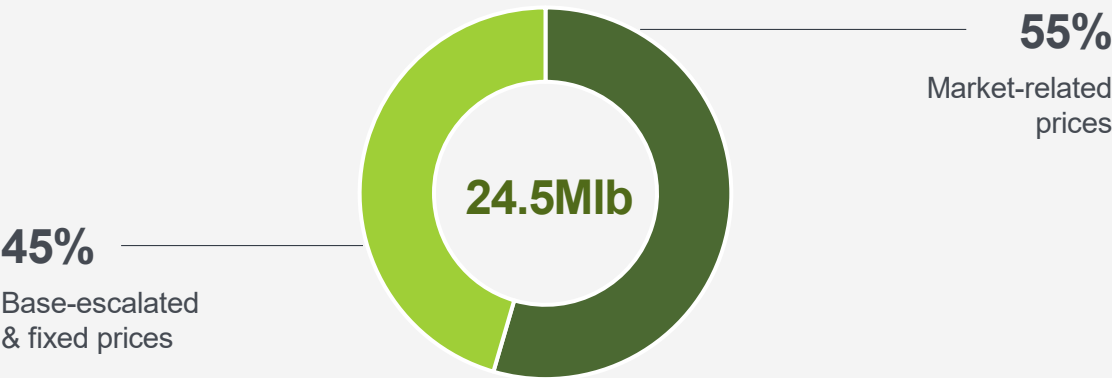
14 uranium sales agreements with tier-one global customers in the US, Europe and Asia¹

24.5Mlb of U₃O₈ contracted to 2030²

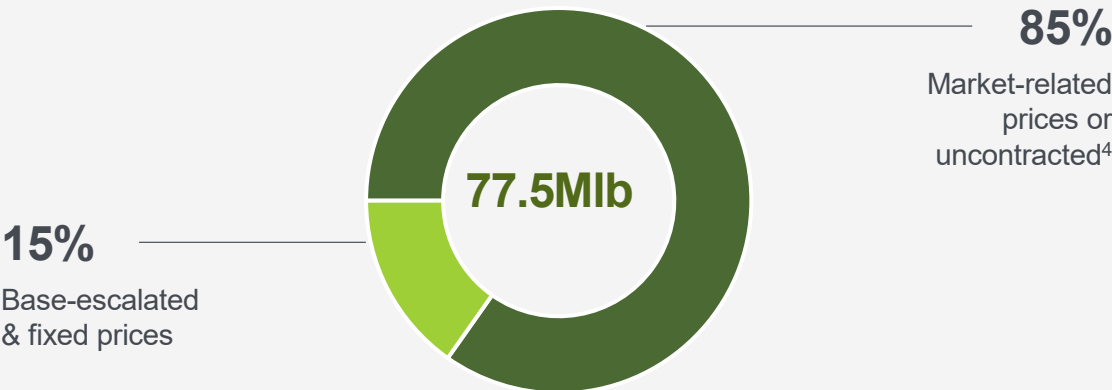
85% of the LHM Ore Reserve³ exposed to market related prices or is uncontracted

Life of mine sales agreement with CNNC, one of the largest consumers of uranium in the world

Contract pricing mix (2025-30)²



Contract pricing mix (Ore Reserve)³



1. Subject to customary conditions precedent contained in offtake agreements, including the requirement to receive Namibian Government and other regulatory approvals based on LHM contract book as at 30 September 2025. 2. Based on nominal contract volumes from 30 September 2025 to 31 December 2030 under executed uranium sales agreements. Subject to customary conditions precedent contained in uranium sales agreements, including the requirement to receive Namibian Government and other regulatory approvals. Figures are rounded to nearest whole number. 3. Contract coverage and pricing mechanism calculations are based on nominal contract volumes from 1 July 2025 for the life of mine under executed offtake agreements. Subject to customary conditions precedent contained in offtake agreements, including the requirement to receive Namibian Government and other regulatory approvals. Based on Langer Heinrich Uranium Life of Mine Ore Reserve as at 30 June 2025, as detailed in the ASX Announcement “2025 Annual Report to Shareholders & Appendix 4E” dated 28 August 2025. Refer to the Appendices to this presentation for more information and Ore Reserve Table. 4. Includes sold volumes in FY2026.



PALADIN

Patterson Lake South (PLS) Project

Canada

PLS Project Highlights



Shallow, high-grade Triple R deposit

93.7Mlb U_3O_8 of Probable Mineral Reserve at 1.41%¹, hosted in basement rock, starting just 50m from surface

~9Mlb p.a. U_3O_8

average annual production target over a 10-year mine life supported by a 1,000tpd mining rate²

Significant growth potential

potential for mine life extension through Mineral Resource conversion as well as the highly prospective Saloon East trend and several underexplored exploration areas

Located in the Athabasca Basin

world's premier high-grade uranium mining district, proposed mine site just 2km from all-season Highway 955

Conventional mining and proven flowsheet

traditional hard rock underground mining methods and a proven flow sheet based on existing Athabasca Basin uranium operations

Leveraged to strong uranium outlook

100% exposure to market-related pricing

1. Refer to the Appendices to this presentation for more information and Mineral Resources and Reserves Tables. 2. Refer to "Foreign Estimates" section on slide 2 for further information. PLS production and run-of-mine ore feed targets are based on the technical report titled "Feasibility Study, NI 43-101 Technical Report, for PLS Property" with an effective date of 17 January 2023 which was prepared in accordance with NI 43-101. All material assumptions underpinning these targets, or the forecast financial information derived from these targets, continue to apply and have not materially changed.

Strong economics at the PLS Project



Economics reflect the PLS Project's position as a world-class uranium project which is highly cash flow generative in a range of price environments

US\$3,023M

LOM Cash Flows (post-tax) ^{1,2}

US\$1,325M

NPV₈ (post-tax) ^{1,2}

28.2%

IRR (post-tax) ^{1,2}

2.4 years

Payback period³

KEY ECONOMIC OUTCOMES

Initial Mine Life ⁴	Years	10
Construction Period ⁴	Years	3
Grade ⁴	% U ₃ O ₈	1.41
Recovery ⁴	%	97.0
Production (LOM) ⁴	Mlb U ₃ O ₈	90.9
Production (Avg. p.a.) ⁴	Mlb U ₃ O ₈	9.1
Operating Cash Cost (LOM) ⁵	US\$/lb	11.7
All-in Sustaining Cost (LOM) ⁶	US\$/lb	15.2
Pre-production Capital Cost ⁷	US\$M	1,226
Sustaining Capital Cost (LOM) ⁸	US\$M	325

For further information refer to Paladin's exchange announcements titled "Patterson Lake South Project Update" and "Patterson Lake South Project Update – Presentation" dated 28 August 2025.

1. Financial model cash flows are real, NPV and IRR are calculated from the commencement of construction activities, inclusive of all pre-production capital costs. Cash flows are modelled in Canadian Dollars (C\$) and converted to United States Dollars (US\$) at C\$1:US\$ 0.75 with a US\$90.0/lb uranium price assumption (which is approximately equal to US\$90.9/lb, or the simple average of real, Q2 2025 long-term spot and term price forecasts from Trade Tech / UxC during forecast PLS operations 2031-2040). Refer to the Appendices to this presentation for more information and Mineral Resources and Reserves Tables. 2. Corporate tax rate of 27%. 3. Payback from commencement of operations, inclusive of ramp-up years. 4. Refer to "Patterson Lake South foreign estimates" section on slide 2 for further information. PLS Project production and run-of-mine ore feed targets are based on the technical report titled "Feasibility Study, NI 43-101 Technical Report, for PLS Property" with an effective date of 17 January 2023 which was prepared in accordance with NI 43-101. All material assumptions underpinning these targets, or the forecast financial information derived from these targets, continue to apply and have not materially changed. 5.

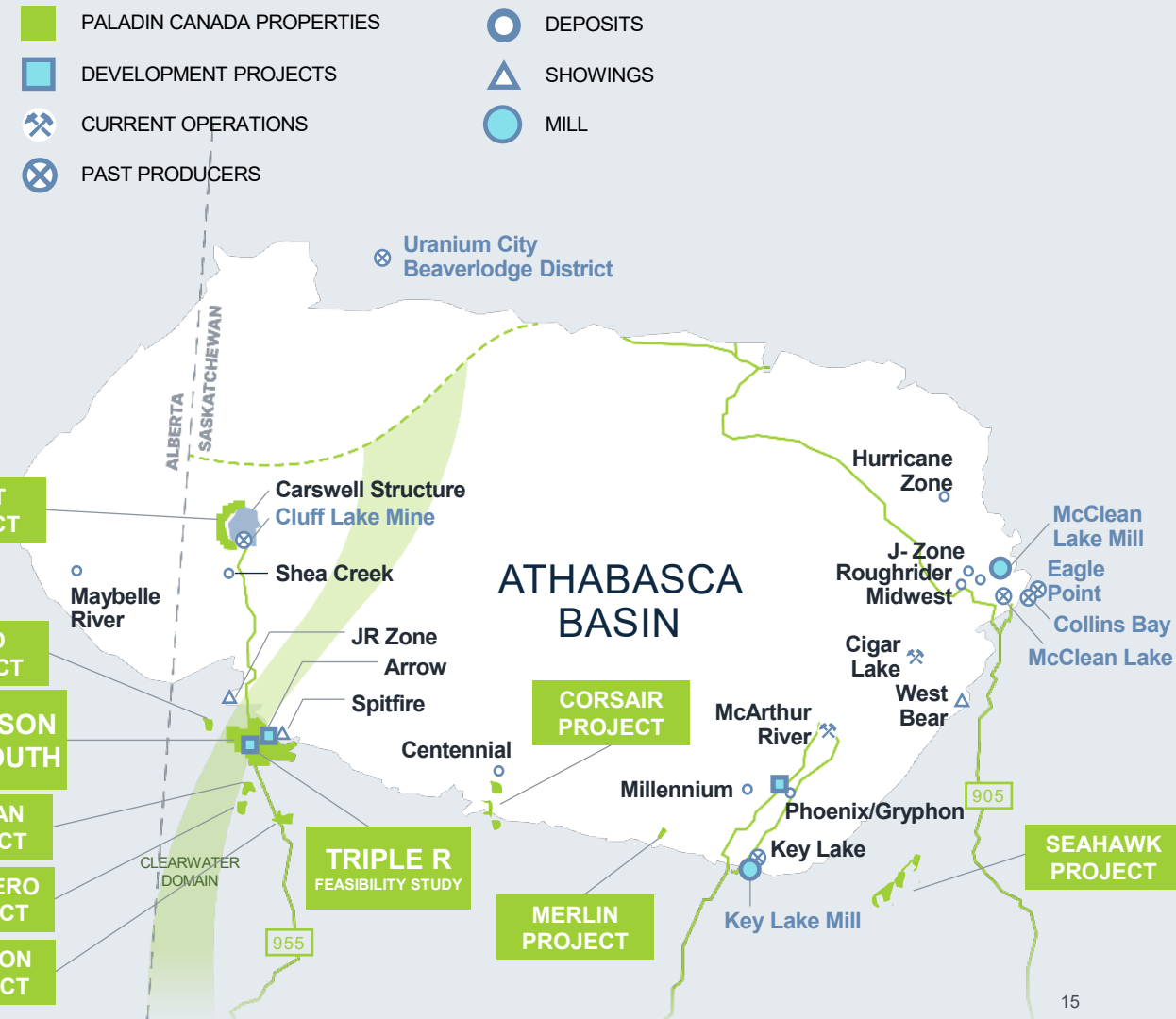
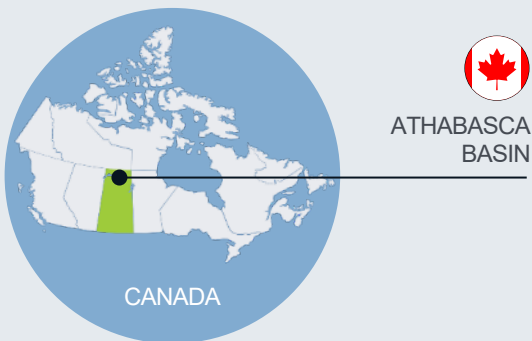
Operating cash cost is inclusive of mining, processing and site-based G&A and services, exclusive of net-smelter return payments. 6. AISC is equal to operating cash costs plus life of mine sustaining capital costs. 7. Pre-production Capital Cost inclusive of contingency. 8. Sustaining Capital Cost exclusive of contingency.

Canada's Athabasca Basin region



The world's premier high-grade uranium mining jurisdiction

- **Jurisdiction:** stable, supportive government and communities with access to a skilled workforce and established infrastructure
- **Top-rated:** Saskatchewan is a top 10 most attractive jurisdiction in the world for mining investment¹
- **Global supplier:** Canada is the world's second largest producer of uranium, accounting for ~23% of total global output²

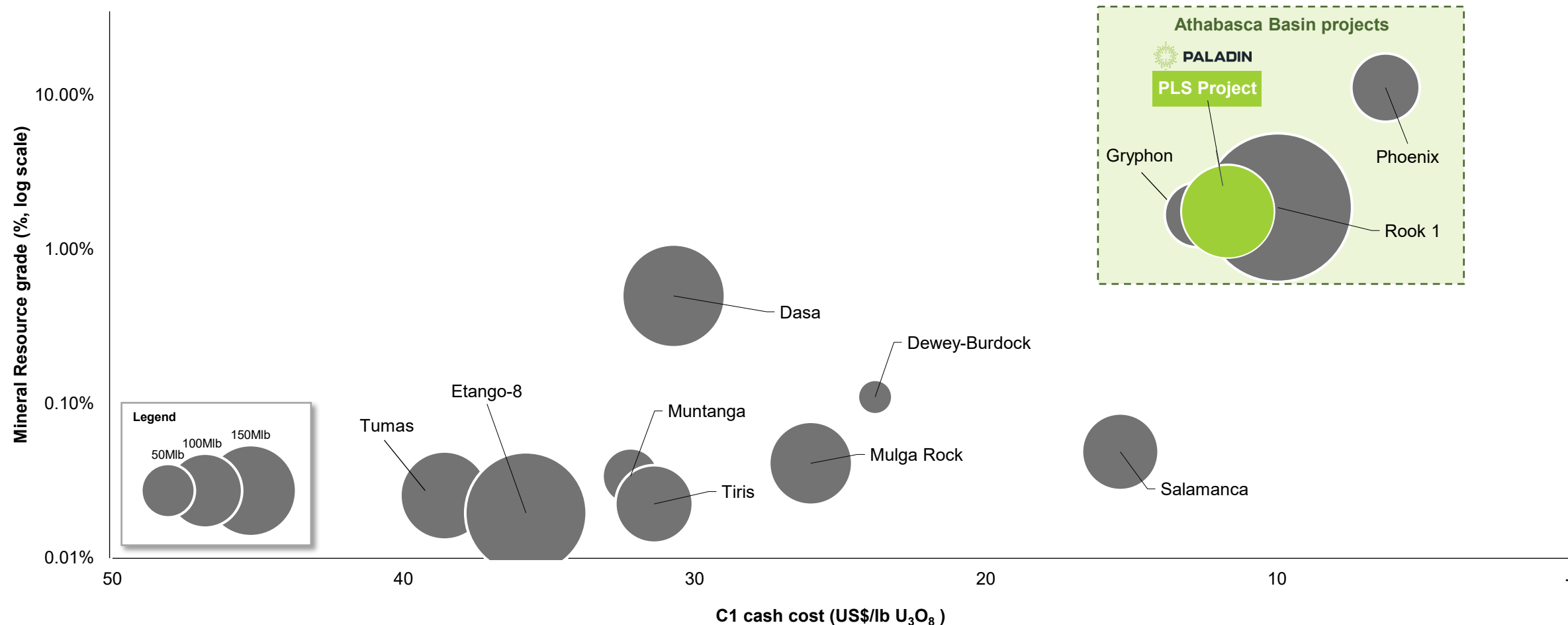


PLS Project is one of the leading undeveloped uranium projects globally



Advanced development stage uranium projects' grade and C1 cash cost benchmarking¹

Bubble size = contained U_3O_8 mineral resource



For further information refer to resource estimates on slide 32. Total mineral resources are comprised of 1) measured, indicated and inferred mineral resources and 2) inclusive of mineral reserves / ore reserves.
1. Advanced development stage uranium projects that have not reached production. Includes projects at the Feasibility, Definitive Feasibility and Pre-Feasibility study level.

Unlocking growth at the PLS Project through exploration

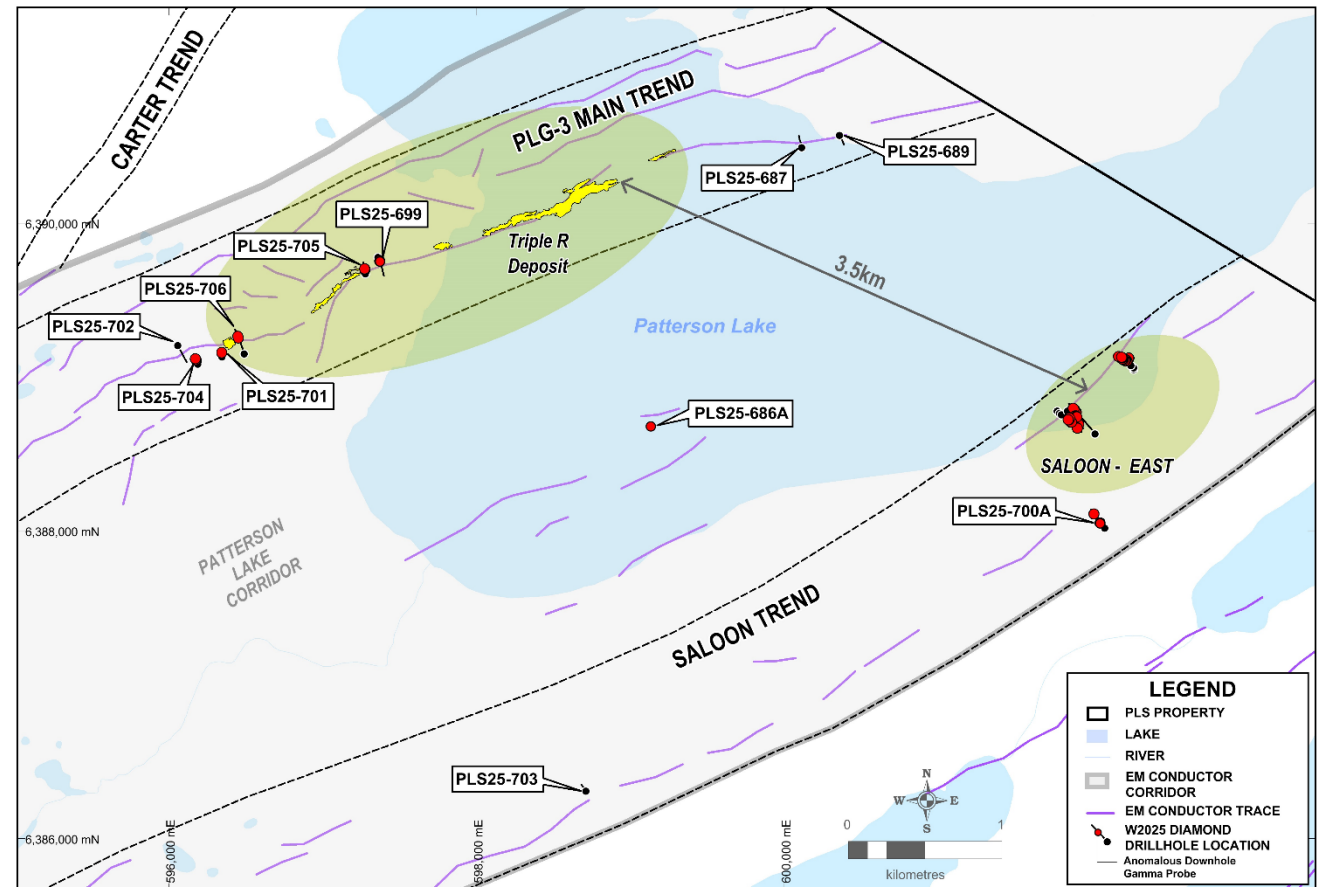


Paladin has identified a clear strategy to extend the PLS Project beyond its existing 10-year mine life¹ with focus on expanded drilling operations to unlock significant growth potential through strategic priorities

Extending Triple R mineralised zones along trend in areas still considered open for expansion

Infill drilling aimed at converting 25.1Mlb U₃O₈ of indicated mineral resources and 10.9Mlb U₃O₈ of inferred mineral resources² to ore reserves and into the mine plan

Drilling at the Saloon East zone to follow up on significant radioactivity intersected in 2024 and 2025³



PLS Project and Saloon East trend exploration map

1. Refer to "Patterson Lake South foreign estimates" section on slide 2 for further information. PLS Project production and run-of-mine ore feed targets are based on the technical report titled "Feasibility Study, NI 43-101 Technical Report, for PLS Property" with an effective date of 17 January 2023 which was prepared in accordance with NI 43-101. All material assumptions underpinning these targets, or the forecast financial information derived from these targets, continue to apply and have not materially changed. 2. Refer to the Appendices to this presentation for more information and Mineral Resources and Reserves Tables. 3. Refer to Paladin's exchange announcement titled "PLS Winter Drilling Delivers Positive Results at Saloon East" dated 2 June 2025. Paladin confirms that it is not aware of any new information or data that materially affects the information included in that announcement.

Delivering progress towards PLS Project development



Significant milestones achieved since Fission acquisition

- ✓ Exemption granted by the Canadian Government from the Non-Resident Ownership Policy (NROP) in the Uranium Mining Sector for the PLS Project¹
- ✓ Mutual Benefits Agreements signed with the Buffalo River Dene Nation and the Clearwater River Dene Nation, which confirm the support and consent of these Indigenous Nations for the PLS Project²
- ✓ Completion of the Engineering Review³
- ✓ The PLS Project's Final EIS was formally accepted by the Saskatchewan Ministry of Environment during the June quarter and was posted for public review on 5 July 2025⁴
- ✓ Appointment of Dale Huffman as President, Paladin Canada, effective 20 October 2025

Paladin has a clear pathway focused on unlocking PLS Project value

- Ongoing engagement with Indigenous Nations
- Provincial EIS approval and permitting
- Future drilling programs focused on Triple R resource extension and the new prospective trend Saloon East
- Continue to advance the Canadian Nuclear Safety Commission (CNSC) Construction Licence process
- Completion of FEED expected during CY2026 and readiness for Detailed Engineering

1. Refer to Paladin's exchange announcement titled "Exemption from Non-Resident Ownership Policy granted" dated 17 March 2025. 2. Refer to Paladin's exchange announcements titled "Buffalo River Dene Nation Agreement signed" dated 3 February 2025 and "Clearwater River Dene Nation Agreement signed" dated 13 February 2025. 3. Refer to Paladin's exchange announcements titled "Patterson Lake South Project Update" and "Patterson Lake South Project Update - Presentation" dated 28 August 2025. 4. Refer to Paladin's exchange announcement titled "Quarterly Activities Report – June 2025" dated 23 July 2025.

Growth



PALADIN

Maximising exploration value through strategic prioritisation



Global uranium exploration capability strengthened to drive disciplined organic growth



Patterson Lake South, Canada

- Early target testing around greater PLS has unlocked new prospective trend at Saloon East¹
- Continue testing along PLG-3 trend which hosts the Triple R Deposit
- Progress resource definition and advanced studies



Langer Heinrich Mine, Namibia

- Focus on brownfield and enhancement of resource knowledge
- Increase resources to extend LOM
- Optimise mining and processing through geoscience



Athabasca Basin deposits, Canada



- Early-stage exploration approach and ongoing target review and ranking
- Geophysical surveys planned on early-stage exploration projects

Michelin, Canada



- Preliminary Economic Assessment completed in 2009
- Exploration focused around 10km radius of Michelin deposit

Mount Isa, Manyingee & Carley Bore, Australia



- Advanced exploration
- Review of historical metallurgical test work underway to inform the forward work plan

1. Refer to Paladin's exchange announcement titled "PLS Winter Drilling Delivers Positive Results at Saloon East" dated 2 June 2025. Paladin confirms that it is not aware of any new information or data that materially affects the information included in that announcement.

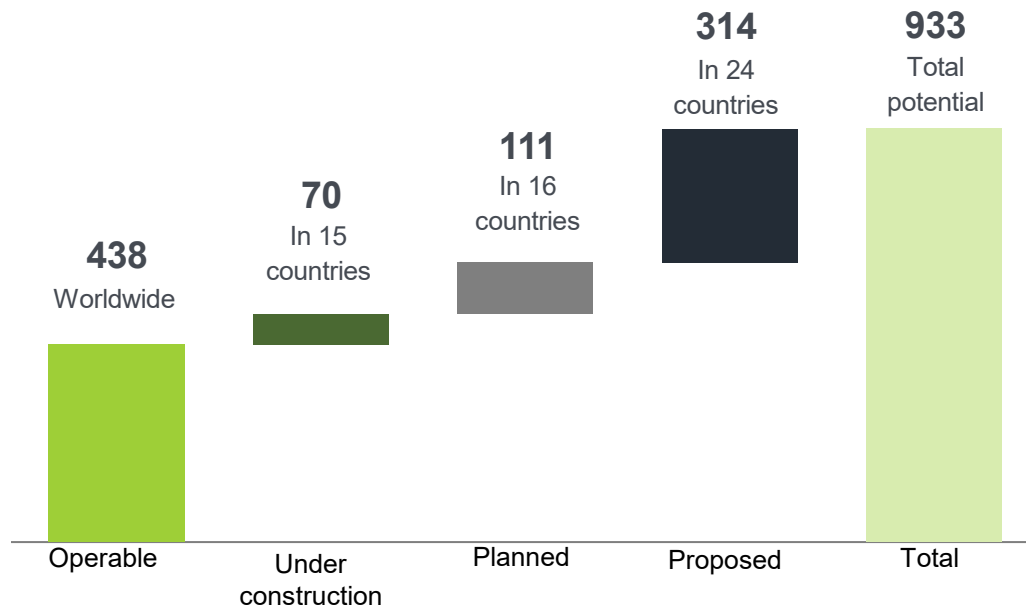
Uranium Market Outlook

Global nuclear energy demand driven by the need for clean and reliable baseload power

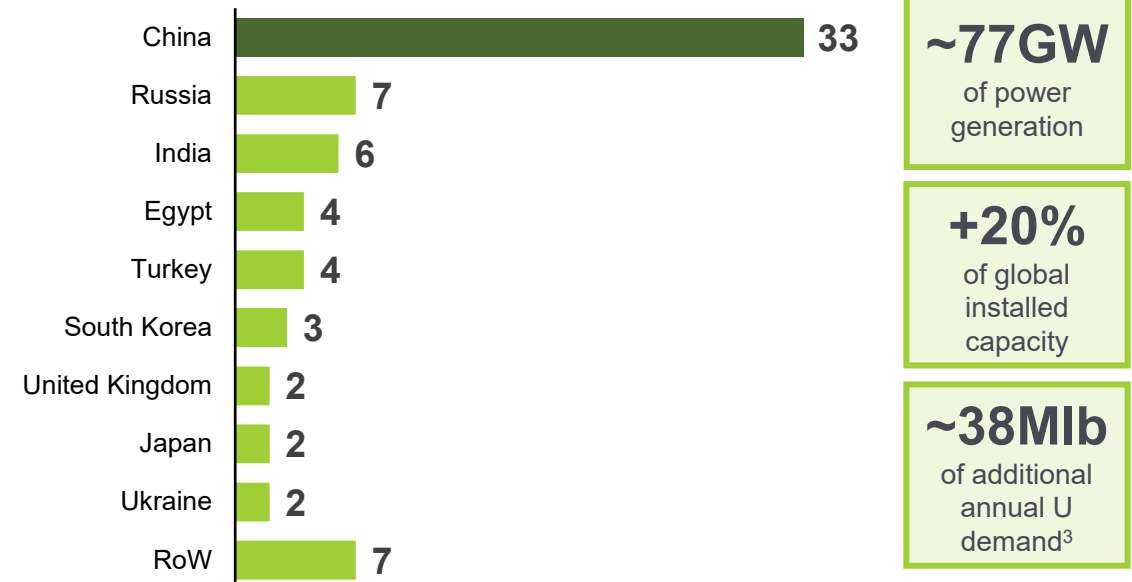


- Current demand for uranium is underpinned by existing global reactor fleet, reactors under construction and reactor life extensions & restarts in the US and elsewhere
- Significant incremental demand for nuclear energy:
 - **COP28 and COP29:** 31 countries, including the US, Canada, the UK and France, pledged to triple nuclear power capacity by 2050
 - **Trump's executive orders:** aimed at boosting the nuclear energy sector in the US with the goal of quadrupling the US nuclear fleet from ~100GW to 400GW by 2050 - implies an additional ~150Mlb of annual U_3O_8 demand out to 2050 (for the US alone)¹
 - **Data centres and AI:** require significant clean & reliable baseload power

Global nuclear reactor rollout is underway²



70 reactors under construction²

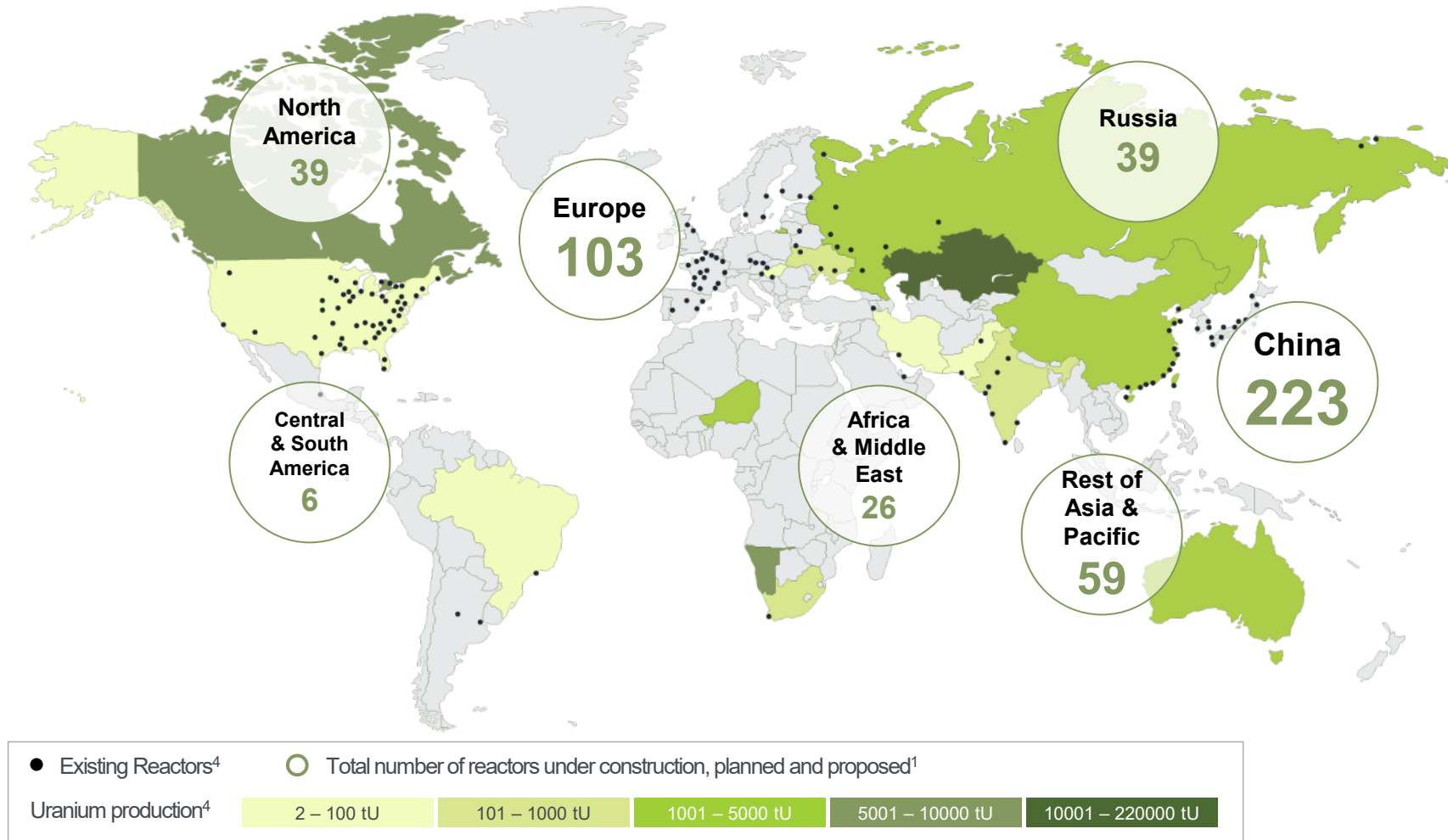


1. The White House, Presidential Actions, [Executive Orders, 23 May 2025](#). 2. World Nuclear Association (WNA) - "Nuclear Power in the World Today" - 3 October 2025. 3. Assumes annual uranium requirements of 500klb per GW of reactor operating capacity.

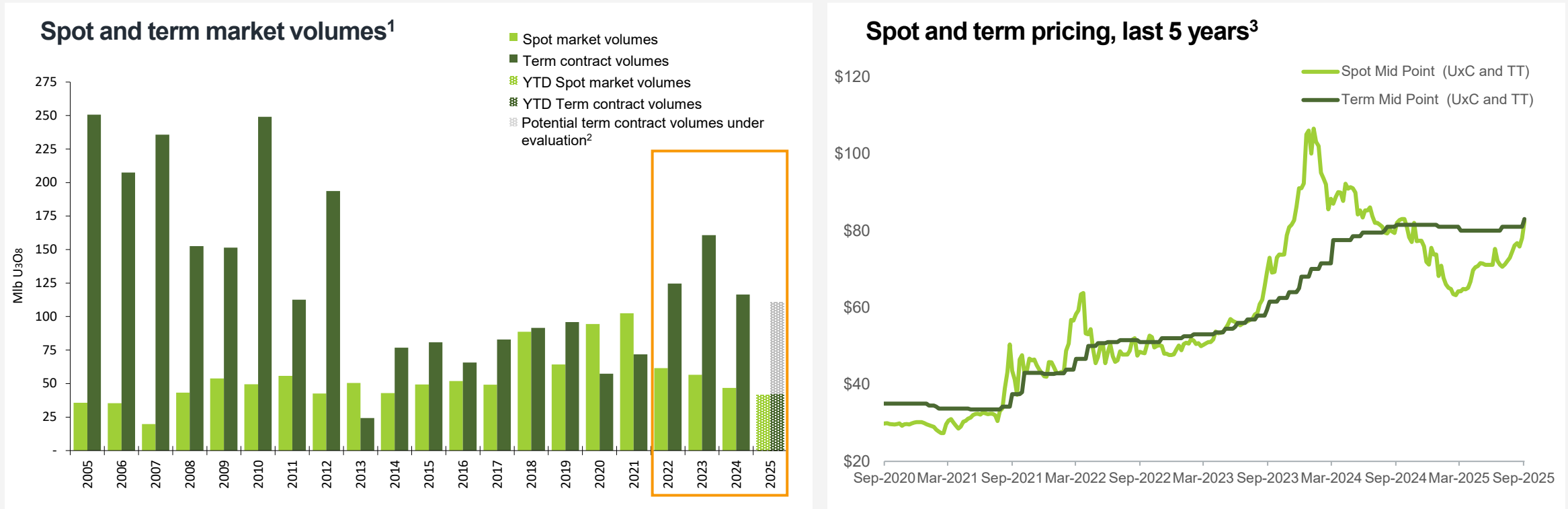
Disconnect between uranium requirements and supply



- Largest uranium consuming countries (US, China and France) have minimal domestic supplies¹
- European utilities currently source ~50%² of their requirements from Kazakhstan, Russia and Niger. They are increasingly focused on diversification of supply
- Chinese utilities have outpaced their Western counterparts in contracting uranium to underpin domestic reactor build program
- Global utilities have ~1Blb of uncovered uranium requirements to 2035³ and are increasingly focused on securing uranium supply from Western facing jurisdictions



Uranium contracting returning to fundamentals



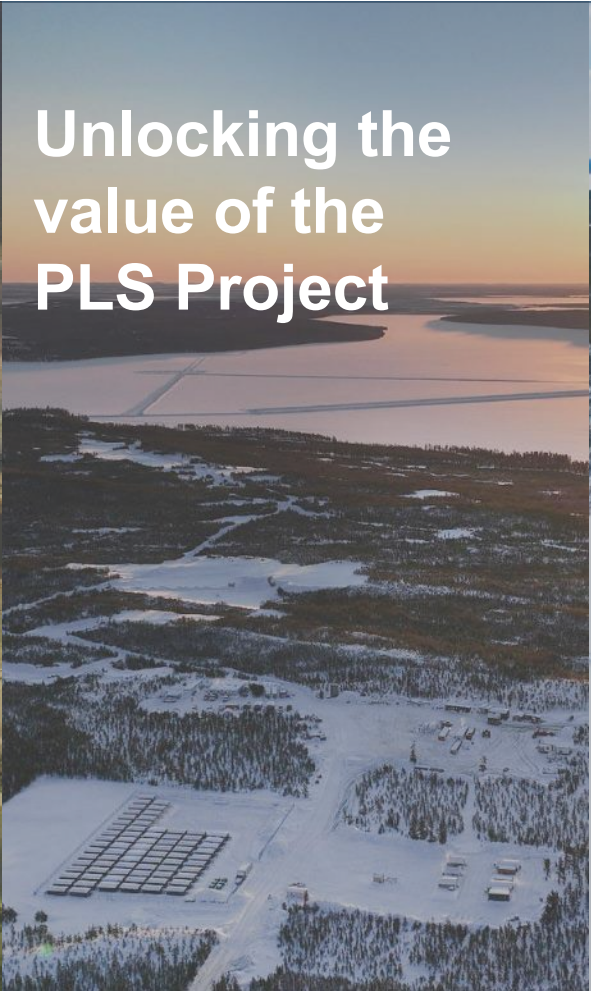
- Utilities have sourced on average over 90% via term contracts in the last three years⁴. Whilst term contract volumes have improved in recent years, contracted activity remains below replacement levels
- Global nuclear utilities have ~1Blb of uncovered uranium requirements over the next decade⁵
- Term activity drives uranium pricing outlook

Delivering Sustainable Value


Delivering sustainable value



**Maximise
production from
the LHM**



**Unlocking the
value of the
PLS Project**



**Deliver organic
growth via
exploration**

**Drive
sustainable
value for
shareholders**



**Clean Energy.
Clear Future.**

Appendices

PLS Project | Permitting / License review process



Key permitting processes

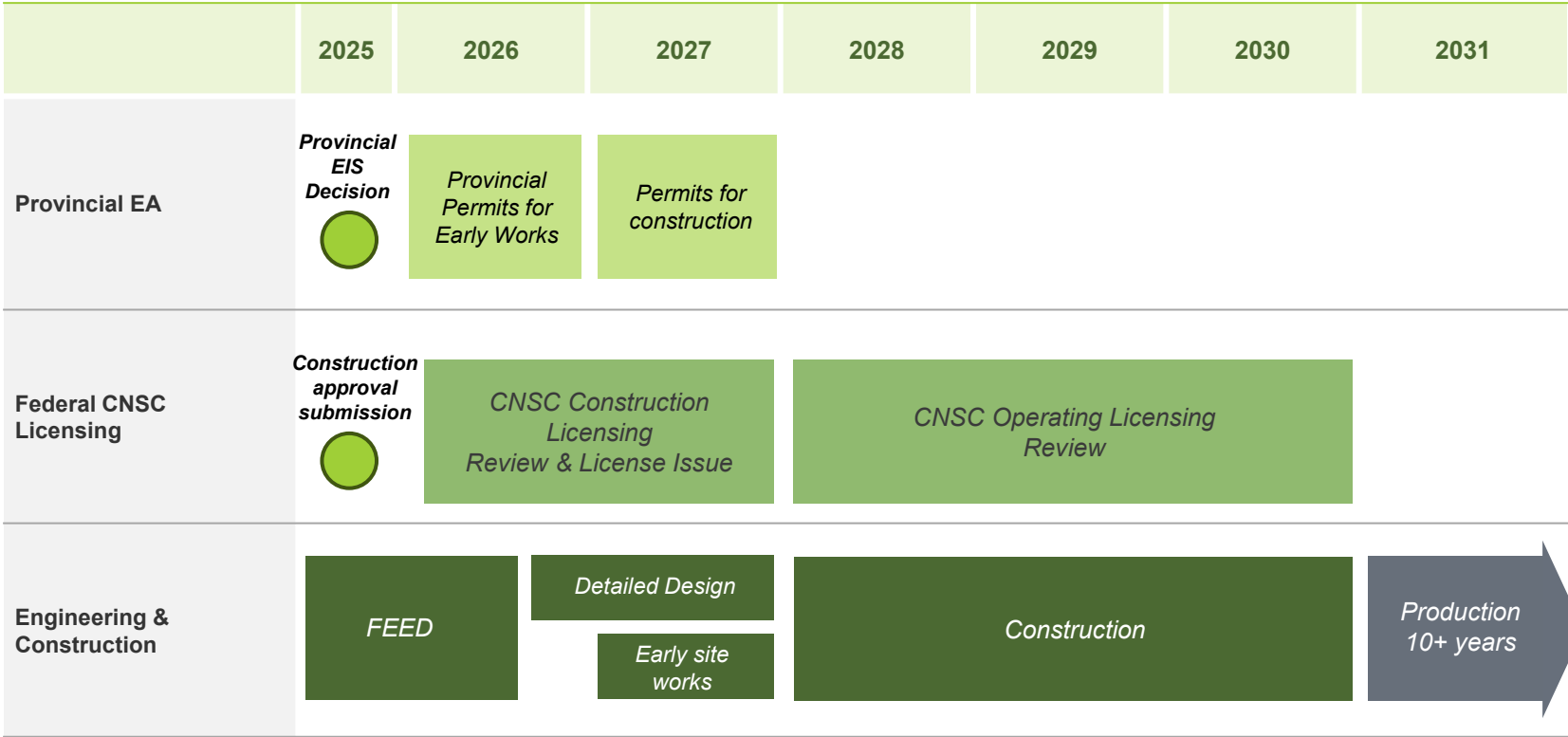
Provincial Environmental Impact Assessment (EIA) process

- The EIA process started formally in 2021 and the EIS was submitted in March 2024
- Obtained technical review approval for the EIA in the June 2025 quarter
- Provincial EIS decision expected by the end of CY2025

CNSC Process Update

- Work in progress towards “Sufficiency” status for construction licensing
- Sufficiency approval kicks off the first stage of the formal CNSC review process:
 1. Application for a Construction License (2-year process from “Sufficiency” Approval)
 2. Application for Operating License

Timeline to production¹



For further information refer to Paladin's exchange announcements titled "Patterson Lake South Project Update" and "Patterson Lake South Project Update – Presentation" dated 28 August 2025.
1. The schedule is subject to seasonal limitations / weather windows (i.e. Saskatchewan winters), unforeseen provincial and federal regulatory permitting outcomes and investment approvals.

LHM | Mineral Resources and Ore Reserves



Summary Mineral Resources¹

As at 30 June 2025

Classification	Location	Millions of Tonnes (Mt)	Grade U ₃ O ₈ (ppm)	Contained U ₃ O ₈ (Mlb)	Grade V ₂ O ₅ (ppm)	Contained V ₂ O ₅ (Mlb)
Measured	In-situ	76.9	450	76.3	145	24.7
	MG ROM stockpiles	2.6	460	2.6	155	0.9
	LG ROM stockpiles	21.3	325	15.2	105	4.9
Total Measured		100.8	425	94.2	135	30.5
Indicated	In-situ	23.5	375	19.5	120	6.3
Inferred	In-situ	11.0	345	8.4	115	2.7

Summary Ore Reserves¹

As at 30 June 2025

Classification	Location	Millions of Tonnes (Mt)	Grade U ₃ O ₈ (ppm)	Contained U ₃ O ₈ (Mlb)
Proved	In situ	47.1	491	51.0
Probable	In situ	9.4	421	8.8
Stockpiles	Stockpiles	24.0	336	17.7
Total	Total	80.4	437	77.5

Mineral Resources

Notes: 200ppm U₃O₈ cut-off applied to in-situ Mineral Resources – 250ppm U₃O₈ cut-off applied to stockpiles at the time of mining. Mineral Resources reported on a 100% ownership basis, of which Paladin has a 75% interest. The Measured and Indicated U₃O₈ Mineral Resources are inclusive of those Mineral Resources modified to produce the Ore Reserves (as reported above). Depleted for mining. Tonnage information has been rounded and as a result the figures may not add up to the totals quoted.

¹For further information, refer to ASX Announcement “2025 Annual Report to Shareholders & Appendix 4E” dated 28 August 2025. Paladin confirms that it is not aware of any new information or data that materially affects the information included in that announcement, and that all material assumptions and technical parameters underpinning the estimates in that announcement continue to apply and have not materially changed. 2. “MG” refers to medium grade. 3. “LG” refers to low grade.

Ore Reserves

Notes: Ore Reserves are reported on a dry basis. Proved Ore Reserves are inclusive of ore stockpiles. 250ppm cut-off applied. Tonnage figures have been rounded and may not add up to the totals quoted. Ore Reserves reported on a 100% ownership basis, of which Paladin has a 75% interest. Vanadium does not report to Ore Reserves.

1. For further information, refer to ASX Announcement “2025 Annual Report to Shareholders & Appendix 4E” dated 28 August 2025. Paladin confirms that it is not aware of any new information or data that materially affects the information included in that announcement, and that all material assumptions and technical parameters underpinning the estimates in that announcement continue to apply and have not materially changed.

PLS Project | Mineral Resources and Reserves



Summary Mineral Resources¹

Classification	Millions of Tonnes (Mt)	Grade U ₃ O ₈ (%)	Grade Au (g/t Au)	Contained U ₃ O ₈ (Mlb)	Contained Au (koz)
Indicated	2.9	1.88	0.59	118.8	54.4
Inferred	0.4	1.19	0.46	10.9	6.1

Summary Mineral Reserves¹

Classification	Millions of Tonnes (Mt)	Grade U ₃ O ₈ (%)	Contained U ₃ O ₈ (Mlb)
Probable	3.0	1.41	93.7

1. Mineral reserves and mineral resources estimates for the PLS Project are based on the technical report titled "Feasibility Study, NI 43-101 Technical Report, for PLS Property" with an effective date of 17 January 2023 which was prepared in accordance with NI 43-101 and is available on www.sedarplus.ca. Refer to: (1) "National Instrument 43-101" section on slide 2; and (2) "Foreign estimates" section on slide 2, for further information. Indicated and inferred mineral resource totals presented in this document differ from the aforementioned technical report due to an updated resource estimates at the R840W zone in May 2023 and the R1515W zone in June 2025, which are considered non-material.

Please note that the estimates of mineral resources and mineral reserves for the PLS Project are foreign estimates and are not reported in accordance with the JORC Code. A competent person has not done sufficient work to classify the foreign estimates as Mineral Resources or Ore Reserves in accordance with the JORC Code and it is uncertain that following evaluation and/or further exploration work that the foreign estimates will be able to be reported as mineral resources or ore reserves in accordance with the JORC Code. Paladin is not in possession of any new information or data relating to those foreign estimates that materially impacts on the reliability of the estimate or Paladin's ability to verify the foreign estimate as a mineral resource or ore reserve in accordance with the JORC Code. The supporting information in relation to the foreign estimate provided in Paladin's ASX announcement titled "Paladin Energy to acquire Fission Uranium" dated 24 June 2024 continues to apply and has not materially changed.

Notes:

1. CIM Definition Standards were followed for the classification of mineral resources.
2. The mineral resources are reported with an effective date of 30 June 2025.
3. Mineral resources are reported at a cut-off grade of 0.25% U₃O₈, based on a long-term price of US\$50/lb U₃O₈, an exchange rate of C\$1.00/US\$0.75, and cost estimates derived during the PFS with a metallurgical recovery of 95%.
4. A minimum mining width of 1m was applied to the resource domain wireframe.
5. Mineral resources are inclusive of mineral reserves.
6. Numbers may not add due to rounding.

Notes:

1. CIM Definition Standards were followed for the classification of mineral reserves.
2. The mineral reserves are reported with an effective date of January 17, 2023.
3. Mineral reserves were estimated using a long-term metal price of US\$65 per pound of U₃O₈ and a US\$/C\$ exchange rate of 0.75 (C\$1.00 = US\$0.75)
4. Underground mineral reserves were estimated by creating stope shapes using Datamine's Mineable Shape Optimizer (MSO). The MSO outputs were evaluated in the context of the mine design, and then a 0.20% U₃O₈ cut-off was applied. For longhole stoping, a minimum mining width of 4m (including hanging wall and footwall dilution) and stope height of 20m was used. Following MSO, the mineable shapes were further subdivided in Deswik to produce a maximum width of 12m (including hanging wall and footwall dilution). Drift and fill mining is designed at 5m wide by 5m high for development shapes located in the crown pillar areas of the orebodies.
5. Mining recovery of 95% was applied to all stopes, while all development mining assumes 100% extraction.
6. The density varies based on block model values. An estimated waste density of 2.42 t/m³ was used for areas outside the block model boundary.
7. By-product credits were not included in the estimation of mineral reserves.
8. Numbers may not add due to rounding.

Peer comparison – Mineral Resources and Ore Reserves, grade and C1 cash costs



Asset	Company	Location	Ownership	Ore Reserves					Mineral Resources						C1 Cash Cost	Source 1	Date	Source 2	Date	Study Type	Reporting Framework
				Proven (Mib U ₃ O ₈)	Probable (Mib U ₃ O ₈)	Grade (%)	Total (Mib U ₃ O ₈)	Attributable (Mib U ₃ O ₈) ¹	Measured (Mib U ₃ O ₈)	Indicated (Mib U ₃ O ₈)	Inferred (Mib U ₃ O ₈)	Grade (%)	Total (Mib U ₃ O ₈)	Attributable (Mib U ₃ O ₈) ¹	(US\$/lb)						
PLS Project	Paladin	Canada	100%	-	93.7	1.41%	93.7	93.7	-	118.8	10.9	1.79%	129.7	129.7	US\$11.7/lb	Corporate Presentation	28-Aug-25	PLS Project Engineering Review	28-Aug-25	Feasibility	NI 43-101
Tiris	Aura Energy	Mauritania	85%	15.3	18.4	0.02%	33.6	28.6	17.3	22.6	51.4	0.02%	91.3	77.6	US\$31.4/lb	Aura Energy Indaba Investor Presentation	03-Feb-25	Tiris Production Target Update	11-Sep-24	Definitive Feasibility	JORC (2012)
Etango-8	Bannerman Energy	Namibia	95%	8.2	51.8	0.02%	59.9	57.0	14.3	148.5	62.0	0.02% ²	224.9 ²	213.7 ²	US\$35.8/lb	Investor Presentation	Jul-25	Etango-8 FEED and Updated Costs	11-Jun-24	Definitive Feasibility	JORC (2012)
Salamanca	Berkerley Energia	Spain	100%	11.3	43.4	0.04%	54.6	54.6	12.3	47.5	29.6	0.05%	89.3	89.3	US\$15.4/lb	Quarterly Report June 2025	31-Jul-25	Salamanca Definitive Feasibility Study	14-Jul-16	Definitive Feasibility	JORC (2012)
Mulga Rock	Deep Yellow	Australia	100%	12.3	30.0	0.08%	42.3	42.3	14.6	49.7	40.5	0.04%	104.8	104.8	US\$26.0/lb	Corporate Update Presentation	20-May-25	Definitive Feasibility Study Refresh	26-Aug-20	Definitive Feasibility	JORC (2012)
Tumas	Deep Yellow	Namibia	100% ³	28.5	51.0	0.03%	79.5	79.5	38.5	63.6	16.1	0.03%	118.2	118.2	US\$38.6/lb	Corporate Update Presentation	20-May-25	Tumas DFS Capex and Opex Re-Costing Report	12-Dec-23	Definitive Feasibility	JORC (2012)
Gryphon	Denison	Canada	95%	-	49.7	1.79%	49.7	47.2	-	61.9	1.9	1.69%	63.8	60.6	US\$12.8/lb	Corporate Update Presentation	Aug-25	Wheeler Technical Report, Phoenix Feasibility Study and Gryphon PFS Update	23-Jun-23	Pre-Feasibility	NI 43-101
Phoenix	Denison	Canada	95%	3.4	53.3	11.74%	56.7	53.8	30.9	39.7	0.3	11.25%	70.9	67.4	US\$6.3/lb	Corporate Update Presentation	Aug-25	Wheeler Technical Report, Phoenix Feasibility Study and Gryphon PFS Update	23-Jun-23	Feasibility	NI 43-101
Dewey Burdock	enCore Energy	United States	100%	-	-	-	-	-	14.3	2.8	0.7	0.11%	17.8	17.8	US\$23.8/lb	Corporate Presentation	Aug-25	Dewey Burdock Project Technical Report Summary	06-Jan-25	Pre-Feasibility	NI 43-101 & S-K 1300
Dasa	Global Atomic	Niger	80%	-	73.0	0.41%	73.0	58.4	-	109.6	51.4	0.50%	161.0	128.8	US\$30.7/lb	Corporate Presentation	Aug-25	Dasa Uranium Project Feasibility Study	28-Feb-24	Feasibility	NI 43-101
Muntanga	GoviEx	Zambia	100%	-	28.0	0.03%	28.0	28.0	2.6	37.4	7.4	0.03%	47.4	47.4	US\$32.2/lb	Corporate Presentation	Jul-25	Muntanga Feasibility Study	07-Mar-25	Feasibility	NI 43-101
Rook I	NexGen	Canada	100%	-	239.6	2.37%	239.6	239.6	209.6	47.1	80.7	1.88%	337.4	337.4	US\$10.0/lb	Corporate Presentation	Aug-25	Updated Economics for the Rook I Project	01-Aug-24	Feasibility	NI 43-101

Source: Company information, websites and presentations; public feasibility studies. Excludes historical resources.

Notes:

- Values may not add due to rounding. Historical resource estimates are excluded. Resources are sourced as at 27 August 2025.
- Bannerman Mineral Resource Estimate reported at a cut-off grade of 55ppm U₃O₈.
- Deep Yellow currently owns 100% of Tumas. Oponona Investments (Pty) Ltd (local Namibian partner) has the right to acquire 5% of the project. Shown on a 100% basis.



PALADIN

PALADIN INVESTOR RELATIONS

Head Office

Paula Raffo

T: +61 8 9423 8100

E: paula.raffo@paladinenergy.com.au

MEDIA

Head Office

Anthony Hasluck

Paladin Corporate Affairs

T: +61 438 522 194

E: anthony.hasluck@paladinenergy.com.au

Canada

Bob Hemmerling

T: +1 250-868-8140

E: bob.hemmerling@paladinenergy.ca

Canada

Ian Hamilton

FGS Longview

T: +1 905 399 6591

E: ian.hamilton@fgslongview.com