

Quarterly Activities Report

FOR THE PERIOD ENDED 31 DECEMBER 2024

Bannerman Energy Ltd (ASX: BMN, OTCQX: BNNLF, NSX: BMN) (Bannerman or the Company) is pleased to report on the continued progress of its Etango Uranium Project (**Etango**) during the quarter, with significant developments across a range of key workstreams. The Company is advancing towards a targeted Final Investment Decision (**FID**) on Etango, supported by a strong cash position and strengthening market conditions.

HIGHLIGHTS

- Etango construction early works activities progressing well
 - Key bulk earthworks and construction power contracts are on schedule, with the first blast completed on the primary crusher site.
 - Construction water supply and ancillary storage dam completed, delivering seamless continuity for bulk earthworks in progress.
 - Manufacture of High-Pressure Grinding Rolls (HPGR) tertiary crusher, a critical long lead item, running ahead of schedule.
 - Detailed engineering on Etango processing facilities (based on certified vendor data) advancing well.
- Board and management strengthened by key appointments
 - Mr Bruce MacFadzean and Ms Felicity Gooding appointed as Non-Executive Directors.
 - Mr Matthew Horgan to join as Vice President, Corporate Development.
- Financing and offtake marketing workstreams progressing via conventional and strategic funding alternatives.
- Strong quarter-end cash balance of A\$81.1 million, with zero debt.
- Long-term uranium price outlook remains positive, closing the quarter at a 15-year high of US\$82/lb U₃O₈.

Bannerman Executive Chairman, Brandon Munro, commented:

“The December quarter saw significant progress at the Etango Uranium Project, with several important milestones achieved. Early works remained on schedule, including the completion of the construction water supply and storage dam, the first blast at the primary crusher site, and continued progress in detailed engineering for the processing facilities. Manufacturing of long lead items, such as the High-Pressure Grinding Rolls tertiary crusher, also advanced ahead of schedule, ensuring alignment with our development timeline.

“The Etango financing process continued to progress, with a focus on evaluating both conventional and strategic funding opportunities. The increasing global interest in securing long-term uranium supply

complements our disciplined approach to identifying an optimal funding mix, supported by our strong financial position.

“Favourable market conditions, including long-term uranium prices at a 15-year high, reflect the growing demand for nuclear energy as part of the global energy transition. These dynamics underscore the strategic significance of the Etango Project and its potential to address the increasing need for secure and reliable uranium supply.”

Etango Uranium Project (Bannerman 95% ownership)

Early Works and Long Lead Construction Activities

Bannerman’s strong cash position and flexible approach to project development enables the Company to exercise a gated approach to Etango development, with phased green lighting of various construction works in line with advancement across broader project workstreams and financial capacity. Following completion of the first two early works contracts in July – the construction water supply and site access road – development of Etango seamlessly transitioned into the next phase of early construction and long-lead order activities at Etango, thereby maintaining critical path timelines. All early works contracts are fully funded from Bannerman’s existing cash reserves.

The bulk earthworks contract for the Etango Project was awarded in August 2024. Execution of this key 24-month contract is proceeding well and is on schedule.

A critical enabler for uninterrupted delivery of the bulk earthworks activities is continuity of water supply on-site during the early works and full-scale construction phases. Build of the Etango construction water storage dam, which is designed to ensure such continuity, was successfully completed and filled with water in mid-November 2024 (refer Figure 1). Importantly, this occurred on schedule and prior to the next planned maintenance shutdown by water utility provider, NamWater (which took place over 18 - 24 November 2024).



Figure 1: Completed construction water storage dam

Similarly, the contract for build of the construction power facilities was awarded in October 2024, in-line with the project schedule. The key elements of these works include construction of all the permanent 33kV overhead powerlines on the Etango site and the temporary connection to the local electrical distributor in the Erongo Region. Work on this contract is currently advancing ahead of schedule.

The first blast of the box cut for the primary crusher site was achieved safely and successfully on 11 November 2024 (refer Figure 2). Two further blasts have been completed, and excavation of the box cut was commenced in line with schedule.



Figure 2: First blast being set off by Bannerman Mining Resources (Namibia) Managing Director, Mr Werner Ewald

The contract for the blasting, crushing, and placement of the drainage layer on the Etango heap leach pad has been adjudicated. The civil concrete tender closed in January 2025.

Manufacture of the High-Pressure Grinding Rolls (**HPGR**) tertiary crusher, a key identified long lead item for the Etango process plant, commenced in May 2024 and is currently ahead of schedule.

Off-site Infrastructure and Utilities Supply

Supply contracts are already in place to cover construction water and power requirements throughout the entire Etango build schedule.

Negotiations on final supply contracts for life-of-mine operational water and power supply have progressed in line with requirements and are now at an advanced stage.

Water

Operational water for Etango is to be sourced from NamWater and supplied from desalinated sources to the Base Reservoir in Swakopmund. From there, the planned permanent Etango water supply infrastructure consists of a pipeline and pumping system to transport the water to the Etango site, and a terminal water storage system on site.

Bannerman has been in commercial discussions with NamWater since 2021 regarding supply of operational water for the Etango Project. With the benefit of greater clarity on Etango development

timing, these discussions have now advanced to the signing of a letter of intent with NamWater on 15 October 2024, which covers full water supply requirements for the operation of the Etango mine and process facility over its initial expected life of 15 years.

To ensure that NamWater can provide desalinated water for Etango from the existing Erongo Desalination Plant, NamWater also now has a back-to-back signed letter of intent in place with the operator of that plant.

The next step in this commercial process is the execution of a take-or-pay agreement between NamWater and Bannerman, which is planned to be signed upon the taking of a positive Final Investment Decision on Etango.

Power

Permanent operational power for the Etango site is set to be sourced from the 220 kV national grid through NamPower's Kuiseb substation.

Negotiations with power utility provider, NamPower, have now advanced to the confirmation of a definitive supply method between the parties. A commercial proposal based on this definitive supply method is expected to be received from NamPower in coming weeks.

Acid

Acid supply for the Etango operation is to be sourced locally and/or via import through the Walvis Bay port. Bannerman has an existing Memorandum of Understanding in place with a local acid supplier whereby the acid will be railed to a planned storage facility within the Walvis Bay port and then trucked to site. The facility in the port will also be able to receive sulphuric acid from international markets.

Bannerman's proposal to lease a site at the Walvis Bay port for the planned acid storage and import/export facility has now been approved by Namport, and the Environmental and Social Impact Assessment (ESIA) process for this facility has commenced.

Financing

The Etango financing process continues to progress, with Bannerman evaluating diverse funding options to support the development of the project. These options range from conventional debt facilities to strategic joint ventures, designed to align with Bannerman's disciplined approach to optimising its funding mix. As previously advised, Azure Capital and Vermilion Partners (both global affiliates of French financial services institution, Natixis) are advising on and assisting with the execution of the optimal funding mix for Etango.

Confidential discussions with multiple counterparties progressed during the quarter, informed by Bannerman's commitment to establishing a robust financial framework for the project. The process considers various factors to optimise shareholder return and risk, such as the cost of various alternatives weighed against respective requisite levels of offtake coverage (and key terms), covenants and security, counterparty strength and alignment with project development milestones. Bannerman's favourable financial position, underpinned by a strong cash balance, enables the Company to retain maximum flexibility in securing favourable terms and timing while advancing project development.

Offtake Marketing

Bannerman's marketing strategy remains focused on securing multiple uranium sales agreements that align with the long-term fundamentals of the market and building a sales contract portfolio that balances security of returns with exposure to pricing upside over time. The Company has received increased interest and engagement from utilities and other key market participants across various jurisdictions. These interactions demonstrate Etango's attraction as a source of supply diversification, supported by a strong body of technical work and respected organisational capability.

During the quarter, Bannerman advanced confidential discussions with several counterparties with a

view to establishing initial uranium sales contracts that preserve the long-term value of Etango and enhance financing alternatives. This approach is complemented by Bannerman's continued execution of its phased development strategy, which ensures alignment between market dynamics, project progress, and financial readiness.

Corporate

Key Board and Management Changes

On 9 October 2024, Bannerman announced that Mr Ian Burvill would retire by rotation at the Company's Annual General Meeting on 15 November 2024. Mr Burvill did not stand for re-election and ceased to be a director at the conclusion of the meeting.

On 18 November 2024, Bannerman announced the appointment of experienced mining executive, Mr Bruce McFadzean, as a non-executive director.

Bruce is a mining engineer with over 40 years of mining and process experience across a broad range of commodities and geographies. He has had extensive exposure to all levels of operations and corporate leadership across his career, including managing the construction, commissioning and rampup of six new mining operations globally. Bruce holds a Diploma of Mining from Curtin University, W.A. Quarry Managers Certificate and is a Fellow of AusIMM. He is currently the non-executive chairman of Aquirion Limited (ASX:AQN) and a non-executive director of Argosy Limited (ASX:AGY).

On 22 January 2025, Bannerman announced the appointment of proven senior finance executive, Ms Felicity Gooding, as a non-executive director.

Felicity has over 20 years' experience in senior finance and management roles within multinational and ASX-listed organisations, based in both Australia and internationally. Her core areas of expertise include strategic and financial analysis, debt funding, corporate finance, mergers and acquisitions and sustainability reporting. She has deep experience across a range of key industry sectors, notably green energy, mining, infrastructure, consumer goods, agriculture and philanthropy. Felicity holds a Bachelor of Commerce from the University of Western Australia and a Graduate Diploma from the Institute of Chartered Accountants. She is also a Graduate of the Australian Institute of Company Directors and has been awarded a fellowship of the Institute of Chartered Accountants.

On 28 January 2025, Mr Matt Horgan commenced as Vice President, Corporate Development.

Matt is a high-performing mining executive who has worked across a variety of functional areas including technical (chemical engineering), marketing, commercial, investor relations, project development, and corporate development/M&A. In particular, he has recent and direct experience in the technical and commercial project development of African domiciled mineral assets. Matt holds a Bachelor of Chemical Engineering (First Class Honours) from Canterbury University and a Master of Business Administration from the University of Western Australia. He is also a Graduate of the Australian Institute of Company Directors.

Strategic Holding in Namibia Critical Metals – Private Placement

Bannerman maintains a strategic shareholding in Namibia Critical Metals Inc. (TSX-V: NMI).

On 1 November 2024, NMI announced a private placement to raise C\$450,000 by issuing 12,857,143 common shares at C\$0.035 per share, with a free warrant for each two shares subscribed. Each warrant is exercisable at C\$0.05 per NMI share with an expiry of 28 November 2025. Bannerman offered to participate for at least its pro-rata proportion of the placement and subscribed for 7,342,857 new NMI shares, increasing the company's shareholding in NMI from 42.1% to 43.0%.

The funds raised through the placement are to be used primarily for general corporate activities, with the JOGMEC farm-in agreement continuing to fund evaluation activities on the Lofdal HREE Project in Namibia.

Strong Liquidity

Bannerman's cash balance at 31 December 2024 was A\$81.1 million (30 September 2024: A\$95.7 million), with no debt (other than typical creditor balances) or convertible instruments.

Total exploration and development expenditure for the quarter was A\$13.9 million, primarily directed towards detailed design and early construction works for the Etango mine.

The strong cash balance enables the Company to fund early construction works, including the construction water supply, access roads, initial site infrastructure, bulk earthworks and long-lead items such as the High-Pressure Grinding Rolls tertiary crusher.

Bannerman's gated approach to project development, together with prudent cost control, ensures robust management of execution and market risks whilst optimising cash allocation ahead of making a Final Investment Decision. This approach ensures progression on project-critical timelines while maintaining flexibility to secure funding and offtake agreements that reflect long-term uranium market fundamentals. Bannerman continues to preserve maximum flexibility with the majority of its current cash balance remaining uncommitted and available for working capital and discretionary expenditure.

For the purpose of item 6.1 of Appendix 5B, aggregate payments during the quarter to red parties totalled A\$162,207, comprising directors' fees and salaries.

Annual General Meeting

The Company held its Annual General Meeting on 15 November 2024.

As previously announced, the proposed Resolution 4 (Replacement of the Constitution), being a special resolution, did not pass as it failed to achieve the required 75% shareholder approval. Consequently, Resolution 5 (Amendment to the Constitution for Virtual Only General Meetings) and Resolution 6 (Approval of Proportional Takeover Provisions) were no longer applicable and did not proceed further, as their consideration was contingent upon the successful passage of Resolution 4.

All other resolutions put to meeting were passed by poll.

Cancellation and Issue of Securities

During the quarter, the Company issued and cancelled the following securities:

- **Conversion of Performance Rights:** 64,736 fully paid ordinary shares were issued upon conversion of unlisted performance rights in accordance with the terms of the Employee Incentive Plan (EIP).
- **Expiration of Options:** 138,780 options with an exercise price of A\$4.50 expired.
- **Exercise of Options:** 106,202 unlisted Zero Exercise Price Options (ZEPOs) were exercised for NIL consideration in accordance with the terms of the Non-Executive Director Share Incentive Plan (NEDSIP) and Employee Incentive Plan (EIP).
- **Cancellation of Options:** 65,864 unlisted employee performance options, pursuant to the terms of the EIP, were forfeited and cancelled following non-satisfaction of the relevant performance criteria
- **Granting of Options:** 491,655 unlisted ZEPOs were granted in accordance with the NEDSIP and EIP as approved by shareholders on 16 November 2022.

Issued Securities

At the date of this report, the Company has 178,784,496 fully paid ordinary shares, 2,076,732 unlisted performance rights, and 2,281,773 unlisted options on issue. The performance rights and options are subject to various performance targets and continuous employment periods.

Uranium Market

The fourth quarter of 2024 marked a transformative period for the uranium market, characterised by mounting supply challenges, strategic realignments, and significant nuclear energy policy and technology advancements.

Kazatomprom, the world's largest uranium producer, has contracted a significant portion of its production with Chinese nuclear utilities, reflective of China's increasing demand for uranium to support its nuclear energy expansion goals, which include plans to quadruple nuclear capacity by 2035. Western utilities, already contending with supply disruptions from geopolitical tensions and logistical challenges, are increasing efforts to secure contracts with alternative suppliers, invest in emerging producers, and explore domestic sources to enhance supply security.

Additional disruptions have further exacerbated the strained uranium supply landscape. In November 2024, the Russian government introduced restrictions on shipments of enriched uranium products (EUP) to the United States, requiring special permissions that were recently denied. These measures blocked shipments in late November and December, compelling market participants to seek alternative jurisdictions and diversify their supply chains.

In parallel, temporary permitting delays, production downgrades, and mine shutdowns in key regions, including disruptions in Niger, have further constrained global uranium supply. These compounding challenges underscore the inherent vulnerabilities in uranium supply chains, highlighting the pressing need for robust long-term planning, diversification of supply sources, and strategic investments to enhance resilience and mitigate future risks.

Despite these supply-side challenges, the quarter brought significant advancements in nuclear energy's long-term demand fundamentals. Global interest in nuclear energy has grown, with IT hyperscalers such as Amazon, Google, and Microsoft recognising their roles in powering energy-intensive technologies such as AI and data centres. Nuclear energy's alignment with decarbonisation strategies was also reaffirmed at COP29, where six additional countries endorsed the Declaration to Triple Nuclear Energy by 2050, raising the total number of signatories to 31.

Key markets continued to make significant strides in nuclear energy expansion. The United States reaffirmed its ambitious targets, aiming to develop 200 GW of new nuclear capacity by 2050, with an interim goal of 35 GW by 2035. China led the global expansion effort, approving 11 new reactors in 2024 and planning 100 additional builds over the next decade, with a goal of reaching 200 GW of nuclear capacity by 2035 and 400 GW by 2060. Japan advanced its nuclear agenda by restarting two boiling water reactors and extending reactor lifespans to 50 years, targeting a 20% nuclear share by FY2040. South Korea announced plans to increase nuclear energy's share to 36% by 2038, focusing on new builds, small modular reactor (SMR) development, and expanded nuclear technology exports.

While spot uranium prices softened during the quarter, TradeTech's Long-Term Price Indicator remained stable at US\$82.00 per pound U_3O_8 , a 15-year high, reflecting sustained confidence in the sector's fundamentals. The nuclear sector's momentum, supported by global decarbonisation commitments and rising energy demands from advanced technologies, is expected to sustain interest in securing long-term uranium supplies.

Bannerman Energy is well-positioned to navigate and capitalise on these developments. The Etango Project aligns with the sector's growth trajectory and the broader market's sustainable energy transition, ensuring potential for value realisation while contributing to global decarbonisation efforts.

Developments in the December 2024 quarter underscore the importance of strategic investments, supply chain resilience, and long-term planning in an increasingly dynamic and competitive nuclear energy landscape. Bannerman's proactive positioning ensures its readiness to respond to evolving market conditions and to deliver value within the nuclear energy sector's growing framework.

This ASX release was authorised on behalf of the Bannerman Board by:
Brandon Munro, Executive Chairman

30 January 2025

Contact

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Important Notices

This announcement contains forward-looking statements which are identified by words such as 'may', 'could', 'believes', 'estimates', 'targets', 'expects', or 'intends' and other similar words that involve risks and uncertainties. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this announcement, are considered reasonable. Such forward-looking statements are not a guarantee of future performance and involve known and unknown risks, uncertainties, assumptions, and other important factors, many of which are beyond the control of the Company, the Directors, and the management. The Directors cannot and do not give any assurance that the results, performance, or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements. The Directors have no intention to update or revise forward-looking statements, or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this announcement, except where required by law or the ASX listing rules. The information contained in this announcement does not constitute investment or financial product advice (nor taxation, accounting, or legal advice), is not a recommendation to acquire Bannerman shares and is not intended to be used or relied upon as the basis for making an investment decision. This announcement has been prepared without taking into account the investment objectives, financial situation or needs of any individuals. Before making any investment decisions, prospective investors should consider the appropriateness of the information having regard to their own investment objectives, financial situation and needs and should seek legal, accounting and taxation advice appropriate to their jurisdiction. Bannerman is not licensed to provide investment or financial product advice in respect of Bannerman shares.

ABOUT BANNERMAN ENERGY (ASX:BMN, NSX:BMN, OTCQX:BNNLF)

Bannerman Energy Ltd is a uranium development business listed on the Australian and Namibian stock exchanges and traded on the OTCQX Market in the US. Its flagship asset is the advanced Etango Uranium Project located in the Erongo Region of Namibia.

Etango has benefited from extensive exploration and feasibility activity over the past 15 years. The Etango tenement possesses a globally large-scale uranium mineral resource¹. In December 2022, a Definitive Feasibility Study (DFS)² was completed on the Etango-8 Project, confirming to a definitive-level the strong technical and economic viability of conventional open pit mining and heap leach processing of the Etango deposit at 8Mtpa throughput (for average annual output of 3.5 Mlbs U₃O₈). In March 2024, a scoping study³ demonstrated the capacity to expand annual production to 6.7 Mlbs U₃O₈.

Etango's advanced credentials are further highlighted by the construction and multi-year operation of the Etango Heap Leach Demonstration Plant, which comprehensively de-risked the conventional acid heap leach process to be utilised on the Etango ore. All environmental approvals have been received for the proposed Etango mine and external mine infrastructure, based on a 12-year environmental baseline. Bannerman was awarded the Mining Licence for Etango in December 2023 and is progressing all key project workstreams towards a targeted positive Final Investment Decision (FID) in parallel with strengthening uranium market fundamentals.

Namibia is a premier uranium investment jurisdiction, with a 45-year history of uranium production and export, excellent infrastructure and support for uranium mining from both government and community. As the world's third largest producer of uranium, Namibia is an ideal development jurisdiction boasting political stability, security, a strong rule of law and an assertive development agenda. The Bannerman team has ample direct experience in the development, construction and operation of uranium projects in Namibia, as well as extensive links into the downstream nuclear power industry.

Bannerman has long established itself as an Environmental, Social and Governance (ESG) leader in the uranium and nuclear energy sector. It is also a leader within Namibia on social development and community engagement and exercises best-practice governance in all aspects of its business. This was recently recognised with receipt of the 2023 African Mining Indaba's ESG Award for Community Engagement.



1 and 2. Refer to Bannerman's ASX release dated 6 December 2022, *Etango-8 Definitive Feasibility Study*. Bannerman confirms that it is not aware of any new information or data that materially affects the information included in that release. All material assumptions and technical parameters underpinning the estimates in that ASX release continue to apply and have not materially changed.

3. Refer to Bannerman's ASX release dated 18 March 2024, *Etango-XP and Etango-XT Scoping Study*.

Forward Looking Statements

The information in this announcement is not intended to guide any investment decisions in Bannerman Energy Ltd. This material contains certain forecasts and forward-looking information, including possible or assumed future performance, costs, production levels or rates, reserves and resources, prices and valuations and industry growth and other trends. Such forecasts and information are not a guarantee of future performance and involve many risks and uncertainties, as well as other factors. Actual results and developments may differ materially from those implied or expressed by these statements and are dependent on a variety of factors. The Company believes that it has a reasonable basis for making the forward-looking statements in the announcement, based on the information contained in this and previous ASX announcements.

Bannerman is not aware of any new information or data that materially affects the information included in this ASX release, and Bannerman confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the estimates in this release continue to apply and have not materially changed.

Competent Person's Statement

The information in this announcement as it relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr Marthinus Prinsloo. Mr Prinsloo is a full-time employee of Bannerman Energy Ltd and is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Prinsloo has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activities, which he is undertaking. This qualifies Mr Prinsloo as a "Competent Person" as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' and a Qualified Person as defined by Canadian National Instrument 43-101. Mr Prinsloo consents to the inclusion in this announcement in the form and context in which it appears. Mr Prinsloo holds shares and performance rights in Bannerman Energy Ltd.

Listing Rule 5.3.3 Tenement Schedule:

BANNERMAN ENERGY LTD CONSOLIDATED BASIS				
SCHEDULE OF INTERESTS IN MINING TENEMENTS				
Project	Mining tenements held	Location of tenements	Beneficial % interest at end of the quarter	Change in the quarter

<i>Etango</i>	Mining Licence (ML) 250	Namibia	95%	-
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