

ASX ANNOUNCEMENT

4 September 2023

ETANGO PROJECT UPDATE

Bannerman Energy Ltd (**ASX:BMN, OTCQX:BNNLF, NSX:BMN**) (**Bannerman or the Company**) is pleased to provide an update on key project activities with respect to advancement of its Etango Uranium Project (**Etango**) in Namibia.

Front End Engineering and Design (FEED) and long lead items

Overall FEED activities for the Etango Project are progressing to plan and budget. Updates on key workstreams include:

- *Process Engineering:* Process Flow Diagrams for the heap leach, ion exchange (**IX**), precipitation, product drying and packaging, and reagents have been developed and reviewed. Process design criteria for the comminution circuit and agglomeration were completed. Process information input to mechanical data sheets for front-end vendor packages have also been completed.
- *Mechanical Engineering:* Data sheets for all priority vendor packages were developed and reviewed, and the primary crusher RFQ issued to market.
- *Electrical, Instrumentation and Control:* Administrative and process telecommunications network architecture was developed, including network routing and integration of external and fixed plant networks. Reviews were held on conveyor instrumentation design and further green initiatives under investigation.
- *Civil, Infrastructure and Earthworks:* Bulk earth works calculations and material take-offs for compilation of bill of quantities are now predominantly complete. Layout and general arrangement drawings for bulk earth works and plant infrastructure have also been developed and reviewed.
- *Greenhouse Gas Emissions:* Calculation of the DFS design greenhouse gas emissions was completed and an additional study to identify options to further reduce emissions has been completed. These options are now being evaluated in the FEED designs. A climate change risk assessment, including both physical and transitional risks, has also been completed.
- *Long Lead Items:* All early works contracts (temporary power, temporary water and access road) are now ready for award, pending grant of the Etango Mining Licence.

Mining Licence

All Environmental Clearance Certificates and National Heritage consents have now been received and the Etango Project is fully permitted in this regard. The Etango Mining Licence application was submitted to the Ministry of Mines and Energy in August 2022 with the Etango (8Mtpa) Definitive Feasibility Study submitted to the Ministry in December 2022.

Financing

As previously advised, Bannerman has commenced the early phases of the financing process for Etango. In targeting the optimal financing mix for Etango, this process includes evaluating and progressing a range of funding sources, including conventional project debt, as well as potential offtake and joint venture opportunities with strategic counterparties.

Azure Capital and Vermilion Partners (both affiliates of the French financial services institution Natixis) have been appointed to advise Bannerman on this process.

Offtake marketing

Bannerman's product marketing strategy is centred on a detailed understanding of utility requirements and preferences. The Company's appointment of highly experienced nuclear executive, Ms Olga Skorlyakova, to the role of Vice President, Market Strategy (refer Bannerman ASX release dated 29 June 2023, *Uranium Marketing and Nuclear Fuel Strategy Appointment*), has coincided with an escalating level of engagement from utilities. This is consistent with the observed uranium market tightening in recent weeks and the meaningful rise of the spot price to over US\$60/lb in what is traditionally a quieter time of year for uranium market activity.

Key Bannerman representatives will attend the World Nuclear Symposium 2023, being held in London from 6 - 8 September. This will provide a further forum for more extensive face-to-face engagement with key nuclear utility representatives and leaders.

Final Investment Decision (FID)

Bannerman's overarching strategy remains unchanged – advancing FEED, financing and other key workstreams on Etango, to deliver currency of quotation and overall development shovel-readiness, while maintaining strong balance sheet liquidity and strategic patience with respect to satisfaction of key external factors.

This approach is advancing Etango towards a targeted positive Final Investment Decision, uranium market permitting, during H1 CY2024. Construction of the Etango Project is expected to take approximately 34 months (including detailed design and commissioning) following FID.

Bannerman Managing Director and CEO, Brandon Munro, commented:

"I am very pleased with the current progress of our project activities on Etango. The outstanding team we have at Bannerman is ensuring that this world-class project is maximally prepared for strong, low-risk execution upon targeted transition to the development phase. I look forward to providing further updates over coming months."

This ASX release was authorised on behalf of the Bannerman Energy Board by:

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

Bannerman Energy Ltd is a uranium development company 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. Bannerman has long established itself as an Environmental, Social and Governance (ESG) leader in the uranium and nuclear energy sector.

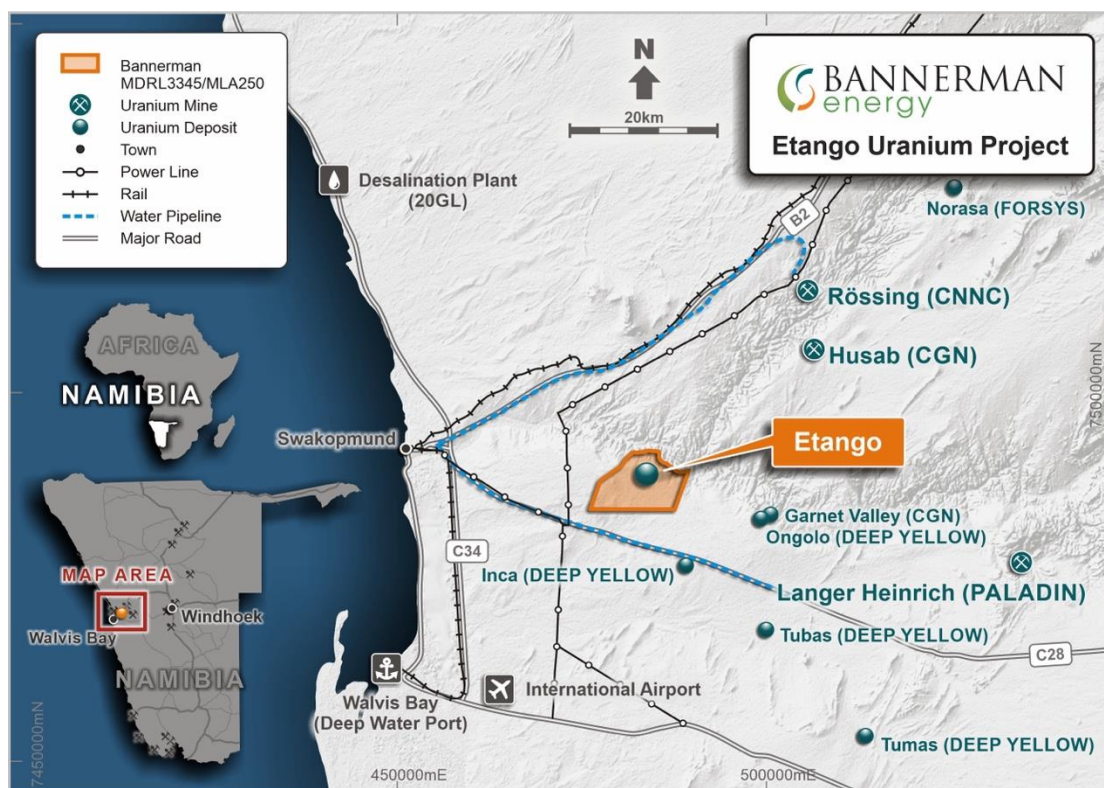
Etango has benefited from extensive exploration and feasibility activity over the past 15 years. The Etango tenement possesses a globally large-scale uranium mineral resource¹. In December 2022, a Definitive Feasibility Study (DFS)² was completed on the Etango-8 Project, confirming to a definitive-level the strong technical and economic viability of conventional open pit mining and heap leach processing of the Etango deposit at 8Mtpa throughput. Bannerman previously completed advanced studies on an alternative, larger development pathway - a 20Mtpa development at Etango was the subject of a DFS completed in 2012 and a DFS Optimisation Study completed in 2015³.

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.

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.

Etango has environmental approvals for the proposed mine and external mine infrastructure, based on a 12-year environmental baseline. Bannerman is a leader within Namibia on social development and community engagement and exercises best-practice governance in all aspects of its business.

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.



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 11 November 2015, *Outstanding DFS Optimisation Study Results*.