

Global Uranium and Enrichment Ltd (ASX: GUE): Executed a Joint Venture Agreement (JVA) to acquire 100% of the Pine Ridge Uranium Project in Wyoming's Powder River Basin

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Company Overview

Global Uranium (GUE, formerly Okapi Resources Limited) is an emerging leader in North American carbon-free nuclear energy. Over the past 18 months, Global Uranium has assembled a portfolio of high-quality uranium assets and built a dominant position in North America. The company's project area comprises- the Tallahassee and Maybell uranium projects in Colorado, the Rattler Uranium Project in Utah, and Canada's Athabasca Basin.

- **Tallahassee Uranium Project:** The Tallahassee Uranium Project comprises five major uranium deposits in Colorado, USA with an overall JORC Resource of 49.8Mlbs U₃O₈ (average grade of 540ppm). The Tallahassee Uranium Project comprises two exploration leases over 7,500 acres that encompass the Boyer, Noah, Taylor, Hansen, and Picnic Tree uranium deposits, as well as mining claims that cover a portion of the High Park uranium deposit. In July 2022, GUE acquired a 51% interest in the Hansen Uranium Deposit in Colorado. Early in 2024, Global Uranium was granted the final permit approval to commence planned exploration activities at the Tallahassee Uranium Project. The approval cleared the pathway for exploration and drilling to grow the project in size and scale. The immediate next key work activities will include a drill program in Q2 2024 followed by a Scoping Study to be completed by the end of 2024.
- **Athabasca Uranium Portfolio:** GUE has six exploration projects in Canada's Athabasca Basin, best known as the world's leading source of high-grade uranium. The Athabasca Basin is home to the world's largest and highest-grade uranium mines including Cameco's McArthur River and Cigar Lake uranium mines which contain total mineral reserves of 165.6mlbs @ 15.9% U₃O₈ and 391.9mlbs @ 6.9% U₃O₈ respectively. The company identified encouraging geophysics for drilling later in 2023.
- **Rattler Uranium Project:** The Rattler Project is located 85km north of Energy Fuels Inc.'s White Mesa Uranium/Vanadium mill in Utah and holds considerable potential to discover additional high-grade mineralization using modern exploration techniques.
- **Maybell Uranium Project:** The Maybell Uranium Project is situated in a recognized uranium mining district in Colorado USA, with historical production of 5.3Mlbs of U₃O₈ (average grade, 1,300ppm). During Sep 23Q, the company established a sizeable, high-grade Exploration Target of 4.3 – 13.3 Mlbs U₃O₈ between a grade of 587 – 1,137 ppm U₃O₈ at Maybell.
- **Enmore Gold Project:** Okapi's Enmore Gold Project in New South Wales lies in the New England Fold Belt near the Hillgrove Gold Mine which has produced over 730,000oz of gold.
- **Ubaryon Pty Ltd:** In January 2023, GUE became a cornerstone shareholder in Ubaryon Pty Ltd, a private Australian company that owns 100% of a next-generation enrichment technology. In May 2023, GUE strengthened its ownership as the largest shareholder in Ubaryon by increasing its holding from 19.9% to 21.9%.

Investment Rationale

Delivering on its strategy to become a new leader in North American carbon-free nuclear energy

GUE's clear strategy is to become a new leader in North American carbon-free nuclear energy by assembling a

portfolio of high-quality uranium assets through accretive acquisitions and exploration. Over the last two years, GUE continued to advance and expand its portfolio of uranium assets in North America and made a significant entrance into the uranium enrichment space.

- In line with its strategy, GUE acquired a 51% interest in the Hansen Uranium Deposit in Colorado in July 2022. The acquisition increased its JORC-compliant resource at the Tallahassee Uranium Project by 81% to 49.8Mlbs of U₃O₈. The acquisition transformed GUE into a significant player in the US uranium market.
- In Jan'2023, GUE made a cornerstone investment in Ubaryon Pty Ltd, positioning GUE for exposure to the enrichment sector. Ubaryon is a private Australian company with a novel

uranium enrichment technology. Uranium development and enrichment are two of the larger value drivers in the nuclear energy production process and its investment in uranium enrichment significantly increased GUE's exposure to the nuclear fuel cycle. In May 2023, GUE increased its ownership as the largest shareholder in Ubaryon from 19.9% to 21.9%. Okapi and its shareholders now have a major stake in an emerging technology with potential access to a US\$6 billion uranium enrichment market.

- Looking forward, as the uranium market continues to strengthen at an accelerating pace, GUE will look to aggressively grow and advance its portfolio of uranium assets to continue to build a significant player in the uranium industry.

Ubaryon achieved a key milestone in developing a commercial enrichment process.

On 11 June 2024, the company announced that Ubaryon achieved a key milestone in the process of commercialization of its uranium enrichment technology. GUE is the largest shareholder in Ubaryon (21.9%). Ubaryon is a private Australian company that is developing and commercializing a unique uranium enrichment technology ("Ubaryon Enrichment Technology") based on the chemical separation of naturally occurring uranium isotopes. Over the last 18 months, Ubaryon has confirmed and demonstrated a separation factor ("SF") ~ three times higher than the enrichment factor ("EF") through numerous reactor tests and extensive isotope analysis, which triggered its technology to be classified as Uranium Enrichment Technology. The progression from the enrichment factor to the separation factor is a key milestone in developing a commercial process. The separation factor is a key measure for demonstrating a technically practical separation, as it incorporates the mass balance and the depletion of the separated initial solution. The enrichment factor is simply the increase in isotope ratio between the initial and final uranium solution. The global enrichment market has continued to move rapidly. In May 2024, President Biden signed the Prohibiting Russian Uranium Imports Act ("Prohibition Act") into law that prohibited the imports of Russian uranium products into the U.S. The Prohibition Act also triggered US\$2.7 billion in funding to support new nuclear fuel production capacity – programs to be administered by the US Department of Energy ("DOE"). In Feb'2025, Ubaryon updated shareholders regarding commercial interest from potential strategic partners towards securing funding for ongoing development for the business. A potential transaction is expected to be completed in the first half of 2025 and is expected to expedite Ubaryon's technology toward a commercial outcome.

Global Uranium delivered an upgraded JORC MRE of 44.8 million tonnes at 530 ppm for 52.2 million pounds of U3O8 for its Tallahassee Project.

In Sep'2024, Global Uranium delivered an upgraded JORC (2012) Mineral Resource Estimate (MRE) for its Tallahassee Project following the successful drilling program at the Project. As a result, the MRE for the deposit at Tallahassee increased to 44.8 million tonnes at 530 ppm for 52.2 million pounds of U3O8, using a 250ppm cut-off grade, representing a 5% increase to existing JORC (2012) Mineral Resource. The Company's eight-hole, 1,764m diamond drilling program completed in June 2024 delivered excellent results, with seven out of eight holes returning thick, consistently high-grade results, expanding the potentially mineable high-grade core of the Hansen deposit. The Company continued to progress the Tallahassee Scoping Study and it is expected to be completed shortly. The successful completion of its maiden drilling program at the Maybell Uranium Project highlighted the impressive continuity and quality of uranium mineralization, confirming JORC resource potential and future growth on known mineralized extents.

Executed a Joint Venture Agreement (JVA) to acquire 100% of the Pine Ridge Uranium Project in Wyoming's Powder River Basin

On 12th Mar 2025, Global Uranium and Snow Lake Energy (NASDAQ: LITM) executed a Joint Venture Agreement (JVA) to acquire 100% interest in the Pine Ridge Uranium Project located in Wyoming's Powder River Basin from Stakeholder Energy, LLC (SHE). Pine Ridge is an advanced uranium project of significant scale with an established Exploration Target range of 24.4 – 51.3 Mlbs U₃O₈, at an average grade of 0.031% - 0.040% U₃O₈ (100% basis). The Project has been significantly de-risked through historic drilling and has an ideal geological foundation to be developed into a production asset. This Project has the potential to be a game-changer for Global Uranium. The consideration payable by Powder River LLC (Powder River is a 50/50 joint venture (JV) between Global Uranium and Snow Lake Energy (NASDAQ: LITM)) to acquire a 100% interest in Pine Ridge totals US\$22.5 million (Consideration) payable to SHE over three equal 12-month instalments of US\$7.5 million, with completion of the acquisition to occur after payment of the first instalment. As part of the JV, Global Uranium and Snow Lake are each responsible for providing 50% of the Consideration and future exploration expenditures. The PSA requires the JV to commit a minimum of US\$10 million in exploration expenditure over the initial three-year period. Several steps will be taken to test the validity of the Exploration Target and rapidly advance the Project. These steps include:

- Prioritize exploration areas and generate drill targets based on completed data evaluation.
- Acquire necessary permits from regulatory agencies.
- Initial exploration drilling program this year to generate a resource model targeting up to eight highly prospective areas which historical and recent drilling has indicated substantial potential to develop a significant resource in the near term.
- Evaluation of results and maiden Mineral Resource Estimates (MRE) followed by a Scoping Study

On 13th Mar'2025, the company announced that it had received binding commitments to raise A\$10.0 million (before costs) through a conditional placement to institutional and sophisticated investors. As part of the Placement, Snow Lake has agreed to invest circa A\$5.8 million and upon settlement, will have an equity interest of 19.9% in Global Uranium. The conditional placement is subject to GUE shareholder approval to be sought at an Extraordinary General Meeting (EGM) expected to be held in mid-April 2025, and Snow Lake completing its due diligence on GUE and its assets on or before 2 April 2025.

ACE's Recommendation

Global Uranium's clear strategy is to become a new leader in North American carbon-free nuclear energy by assembling a portfolio of high-quality uranium assets through accretive acquisitions and exploration. Over the last two years, GUE continued to advance and expand its portfolio of uranium assets in North America and made a significant entrance into the uranium enrichment space. In line with its strategy, GUE acquired a 51% interest in the Hansen Uranium Deposit in Colorado in July 2022. The acquisition increased Okapi's JORC-compliant resource at the Tallahassee Uranium Project by 81% to 49.8Mlbs of U₃O₈. The acquisition transformed Okapi into a significant player in the US uranium market. In Mar'2023, Okapi made a cornerstone investment in Ubaryon Pty Ltd, a private Australian company with a novel uranium enrichment technology. The transaction significantly increased GUE's exposure to the nuclear fuel cycle. On 11 June 2024, the company announced that Ubaryon achieved a key milestone in the process of commercialization of its uranium enrichment technology, with a

separation factor approximately three times higher than the enrichment factor. In Sep 2024, GUE delivered an upgraded JORC MRE of 44.8 million tonnes at 530 ppm for 52.2 million pounds of U3O8 for its Tallahassee Project. In line with its strategy, the company recently executed a joint Venture Agreement (JVA) with Snow Lake Energy to acquire 100% interest in the Pine Ridge Uranium Project located in Wyoming's Powder River Basin. Pine Ridge is an advanced uranium project of significant scale with an established Exploration Target range of 24.4 – 51.3 Mlbs U3O8, at an average grade of 0.031% - 0.040% U3O8 (100% basis). The Project has been significantly de-risked through historic drilling and has an ideal geological foundation to be developed into a production asset. This Project has the potential to be a game-changer for Global Uranium. We believe that the pending Scoping study on its Tallahassee Project and the proposed acquisition of Pine Ridge are two key near-term catalysts for growth. The stock closed the day near its 52-week low at A\$ 0.066/share and presents an investment case in our view. So, we would like to recommend a **SPECULATIVE BUY** rating on the stock.

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