

ASX Release

6 April 2023

Noble Helium signs Letter of Intent with African drill contractor Sofori ahead of maiden drilling program in Q3 2023

Highlights

- LOI executed with Sofori for Drillmec HH102 Rig.
 - Significant cost savings due to rig sharing agreement with Helium One combined with strategic selection of right sized rig.
 - Drill program on track for two wells in Q3 2023.
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Noble Helium Limited (ASX:NHE) (“Noble Helium” or “the Company”) has signed an exclusive Letter of Intent (LOI) with Sofori for a drilling rig ahead of testing two “company-making” targets at its North Rukwa Helium Project in Tanzania in Q3 2023.

The LOI, in co-operation with project neighbours Helium One Global (AIM:HE1), secures a Drillmec HH102 oil and gas rig to drill the recently announced Mbelele-1 and Pegere-1 prospects¹.

Internal company estimates based on the most recent data and interpretations suggest that Mbelele-1 and Pegere-1, host a combined unrisks mean recoverable helium volume of 16.5 billion cubic feet (Bcf). This would represent less than 10% of the North Rukwa Project’s independently certified unrisks mean helium resource of 176Bcf².

Noble Helium Chief Executive and Co-founder, Mr Justyn Wood commented:

“Sofori’s very capable oil and gas rig can reach depths to 2,500m, well beyond our deepest projected depth of 1,200m, and has been drilling continuously since 2017. It is right-sized and in the right hands of our highly experienced drilling team. We are very confident of success in Q3.”

“Meanwhile, Noble Helium’s leadership group in Australia and our in-country team in Tanzania continue to develop co-operative partnerships with industry leaders and host communities to serve synergies, abbreviate timelines, and reduce costs.”

¹ Refer ASX announcement ‘Two targets identified for maiden drilling program Q3 2023’ dated 23 March 2023.

² Refer to IPO Prospectus dated 18 February 2022 – Appendix A, Independent Technical Expert Report by NSAI of Houston

“As announced on 5th April 2023, multiple expressions of interest to participate in the North Rukwa Project and fund the drilling program were received at the end of the March quarter, as part of the Company’s ongoing farm-out process.”

“Interest in the project, given its potential scale and strategic value, continues to be strong and we look forward to joining with a partner who shares our increasing confidence in North Rukwa’s helium prospectivity.”

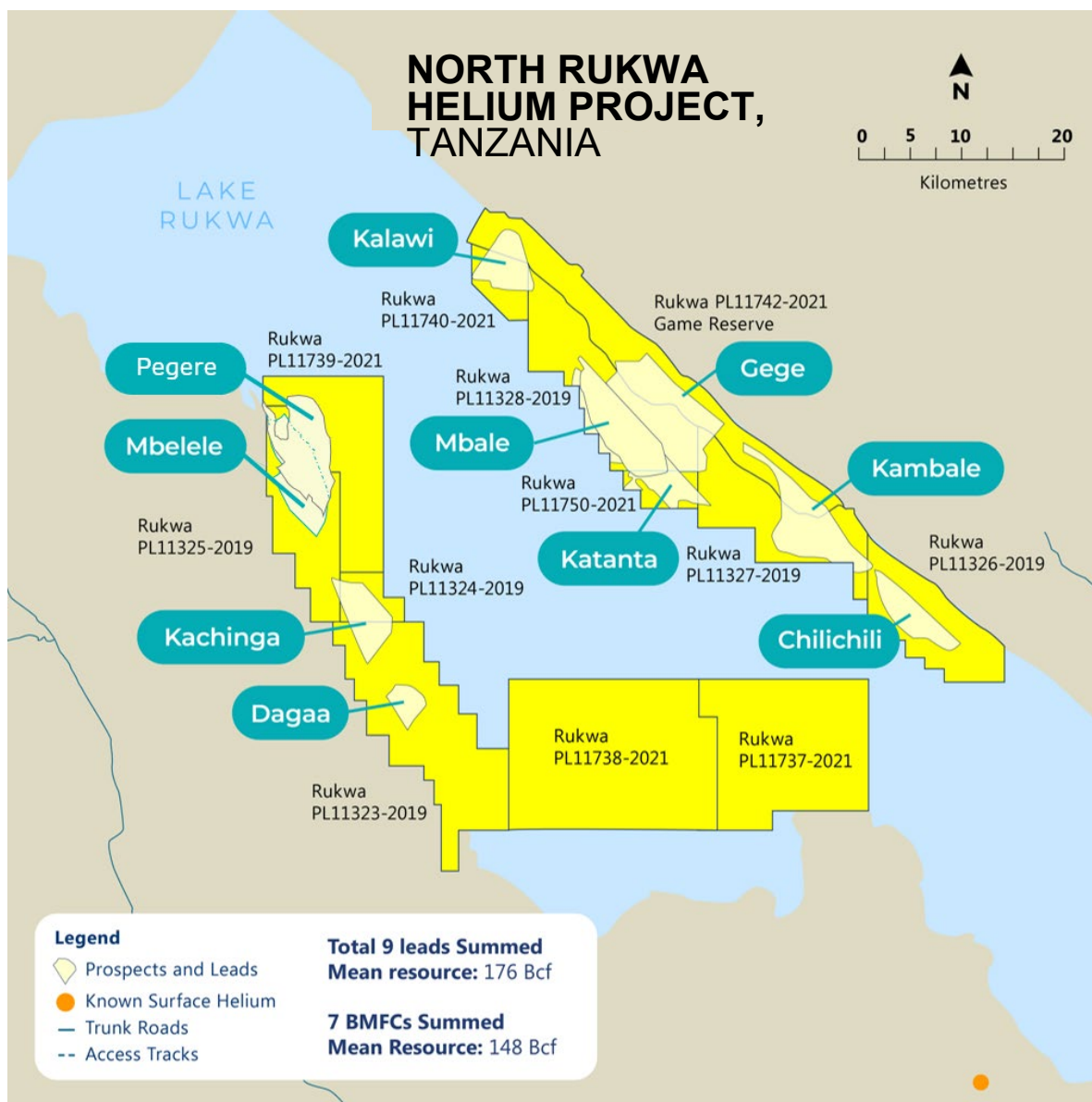


Figure 1: North Rukwa Project showing approximate 3D seismic survey locations and primary helium prospects.

This announcement has been authorised for release on ASX by Noble Helium's Board of Directors.

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Forward-looking statements

This announcement may contain certain “forward-looking statements”. Forward looking statements can generally be identified by the use of forward-looking words such as, “expect”, “should”, “could”, “may”, “predict”, “plan”, “will”, “believe”, “forecast”, “estimate”, “target” and other similar expressions. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance.

Cautionary Statement for Prospective Resource Estimates

With respect to the Prospective Resource estimates contained within this announcement, it should be noted that the estimated quantities of gas that may potentially be recovered by the future application of a development project relate to undiscovered accumulations. These estimates have an associated risk of discovery and risk of development. Further exploration and appraisal is required to determine the existence of a significant quantity of potentially moveable helium.

Green helium for a high-tech world.

Noble Helium is answering the world’s growing need for a primary, ideally carbon-free, and geo-politically independent source of helium. Located along Tanzania’s East African Rift System, the company’s four projects are being advanced according to the highest ESG benchmarks to serve the increasing supply chain fragility and supply-demand imbalance for this scarce, tech-critical and high-value industrial gas.

Our flagship North Rukwa Project has an independently certified, summed unrisked mean Prospective Helium Resource of 176 billion cubic feet (equivalent to approximately 30 years’ supply). The project lies within the Rukwa Basin, which has the potential to be the world’s third largest helium reserve behind USA and Qatar.

Priced at up to 50 times the price of LNG in liquid form, helium is now essential to many modern applications as an irreplaceable element in vital hi-tech products such as computer and smartphone components, MRI systems, medical treatments, superconducting magnets, fibre optic cables, microscopes, particle accelerators, and space rocket launches – NASA is a major consumer. Rising demand and constrained supply are fuelling growth prospects within the global marketplace, particularly for cleaner “green helium” sourced from non-carbon environments. At present, more than 95% of the world’s helium is produced as a by-product of the processing of hydrocarbon-bearing gas.

Additionally, Noble Helium has commissioned the first ever Helium Atlas, with an exclusive five-year agreement allowing the Company to identify additional prospective areas to target for diversification. The Atlas uniquely positions Noble Helium as a world leading helium explorer.

