



The primary helium company

Investor Meet Presentation

16th August, London

Lorna Blaisse

Chief Executive Officer

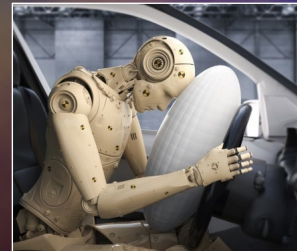
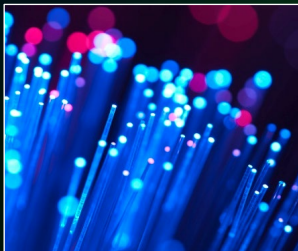
Sarah Cope

Senior Independent Non Executive Director

Graham Jacobs

Financial and Commercial Director

Strategic resource in an expanding market



LSE AIM: HE1

helium-one.com

Disclaimer Statement



The sole purpose of this Introductory document ("Document") is to provide information on Helium One Global Ltd and its subsidiary companies ("Helium One" or "the Company"). This document is strictly private and confidential and is intended solely for the information of the recipient. It is not an invitation for public subscription and should not be reproduced or circulated or used for any purpose. This document is made available to you strictly on the basis that the information contained within this Document constitutes Confidential Information, and accordingly this document, and all confidential information provided, are returnable to Helium One.

Notice is given that:

1. The information relating to the Company contained herein has been provided by the Directors.
2. Liberum ("Liberum Capital Ltd") is acting as joint broker to the Company and in the provision of corporate finance to the Company, within the meaning of the Financial Conduct Authority's Conduct of Business Sourcebook ("COBS"), and no one else in connection with the proposals contained in this Presentation. Accordingly, recipients should note that Canaccord Genuity is neither advising nor treating as a client any other person and will not be responsible to anyone other than the Company for providing the protections afforded to clients of Canaccord Genuity under the COBS nor for providing advice in relation to the proposals contained in this Presentation.
3. In no circumstances will the Directors, the Company, nor Canaccord Genuity, or any of their respective, affiliates, representatives, partners, directors, officers, employees, advisers or agents (collectively "the Relevant Parties") be responsible for any of the information in this Document, including the forecasts and details on the market. These are supplied as a guide only and do not purport to contain all the information that an interested party may require. By accepting this Document, the recipient acknowledges that it will be solely responsible for making its own investigations, including the costs and expenses incurred, and forming its own view as to the condition and prospects of the Company and the accuracy and completeness of the statements contained herein.
4. This Document includes certain statements, estimates and projections provided by the Company with respect to its anticipated future performance. Such statements, estimates and projections reflect various assumptions concerning anticipated results and are subject to significant business, economic and competitive uncertainties and contingencies, many of which are or may be beyond the control of the Company. Accordingly, there can be no assurance that such statements, estimates and projections will be realised. The actual results may vary from those projected, and those variations may be material. No representations are or will be made by any party as to the accuracy or completeness of such statements, estimates and projections or that any projection will be achieved.
5. None of the Relevant Parties has any authority to make or give any representation or warranty whatsoever in relation to the business or prospects of the Company and makes no such representation or warranty.
6. The information contained herein and any further information (whether written, electronic or oral) relating to the Company supplied by any of the Relevant Parties is, and will be, supplied on the condition that none of the Relevant Parties or any other person whatsoever is liable for any error, omission, or inaccuracy therein nor for any loss or damage sustained by an investor of the business placing reliance on such information, including any error or omission or inaccuracy resulting from any negligent act or omission of any of the Relevant Parties or any other person. No party accepts any responsibility or gives any undertaking to provide further information, including any information required to correct any earlier inaccuracy or error.
7. The information contained herein does not, and will not, form any part of a contract or offer for sale or to invest. Furthermore, it does not constitute an offer capable of acceptance and no binding commitment may be entered into on the basis of the information contained herein.
8. None of the Relevant Parties undertake to accept any proposal and they reserve the right to accept or reject any proposal for any reason. They reserve the right to negotiate with one or more potential parties at any time and to enter into a definitive agreement for a transaction involving the Company without prior notice to the recipient of this Document or other potential investors. They also reserve the right to terminate, at any time, further participation in the investigation and proposed process by any party, to modify any of the rules or procedures set forth herein or any other procedures without prior notice or assigning any reason therefore or to terminate the process contemplated hereby. They reserve the right to take any action, whether in or out of the conduct of the Company's businesses, or the process contemplated by this Document.
9. Neither the receipt of this Document nor any information (whether written, electronic or oral) made available in connection with the proposed investment in the Company constitutes, or is to be taken as constituting, the giving of investment advice by any of the Relevant Parties.
10. This communication is directed only at persons who are persons having professional experience in matters relating to investments or are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations, etc") of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons together being referred to as "relevant persons"). This communication must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this communication relates is available only to relevant persons and will be engaged in only with relevant persons. Each recipient of this communication ("Recipient") represents and warrants that he or it is a relevant person and agrees to inform himself or itself about and observe all applicable legal requirements in the UK and/or in the jurisdiction(s) in which he or it is situated. Any Recipient who is not a relevant person should return this document to the Company and should not act upon it.
11. This Document should not be considered as a recommendation by any of the Relevant Parties to invest in the Company, and recipients interested in investing in the Company are recommended to seek their own independent financial, legal and other advice from persons authorised and specialising, as necessary, in investments of the kind in question. Recipients should be aware that any investment activity may expose them to a risk of losing the property invested.
12. Recipients of this Document in jurisdictions outside the UK should inform themselves about and observe all applicable legal requirements in their jurisdictions. In particular, the distribution of this Document in certain jurisdictions may be restricted by law and, accordingly, recipients represent that they are able to receive this Document without contravention of any unfulfilled registration requirements or other legal restrictions in the jurisdiction in which they reside or conduct business.

Corporate Overview

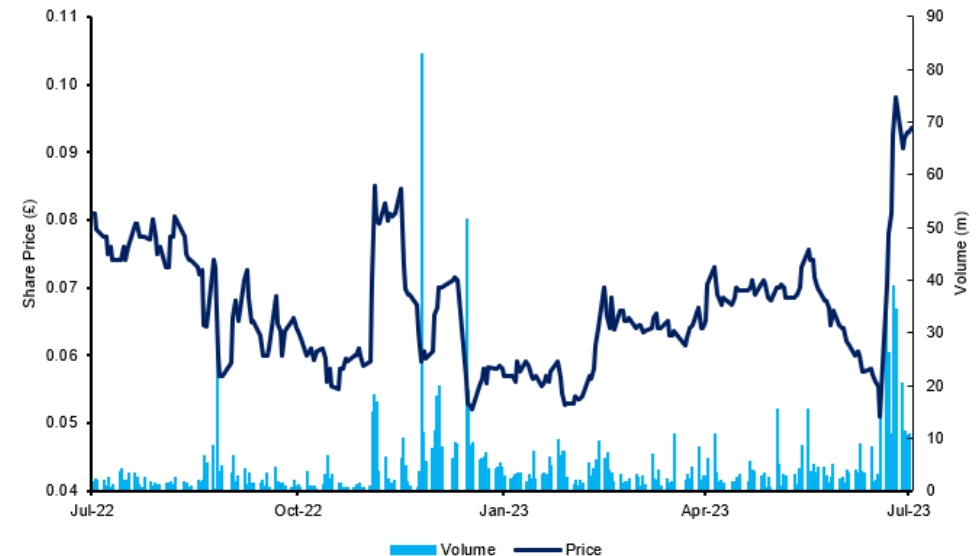


Helium One Global

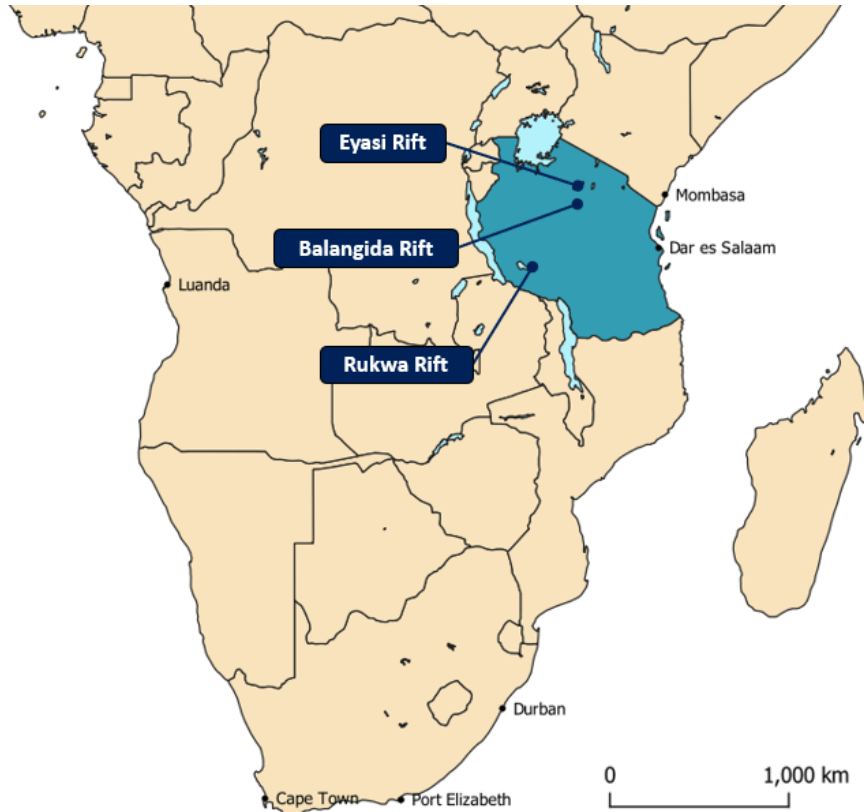
- **Phase II Drilling programme** in Rukwa on track for September '23
- 2021 well (Tai-1/-1A) encountered **helium shows** at multiple levels and demonstrates **working helium system** in Rukwa Rift Basin
- Recently **acquired Epiroc Predator 220 drilling rig** at a discounted price, currently being mobilised to the well site
- **Remain funded for Tai-C well** - raised in December 2022, future exploration will require additional funds
- **Strong management** and technical team with Africa focused experience – recent Management and Board changes to align with oil and gas experience
- Clean, **low-carbon**, sustainable source not associated with hydrocarbons
- **Low CAPEX development** of strategic size resource

Capital Structure		AIM:HE1
Sector	Industrial Minerals	
Shares	821,316,459	
Options	60,072,104	
Market Cap (21 Jul)	£76m	
Avg Daily Volume	5m	

Helium One share price and volume over past 12 months



High-grade, primary helium project



- Currently Operate **2,964km²** licensed area in Tanzania across three basins
- High-grade surface helium seeps up to **10.6% He** (& nitrogen as carrier gas)
- **Experienced team** with knowledge of the East Africa Rift System
- De-risked Rukwa Basin with **helium shows** identified at **multiple prospective intervals** in Tai-1/-1A well (Q3 2021)
- Newly acquired and oil and gas rig for September Drilling Programme

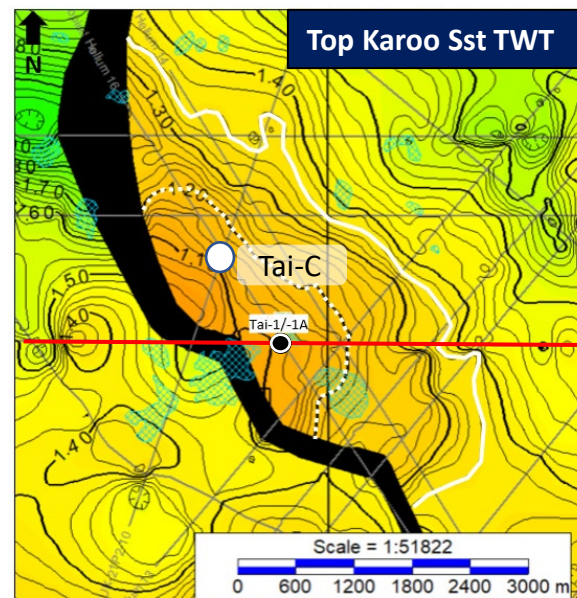
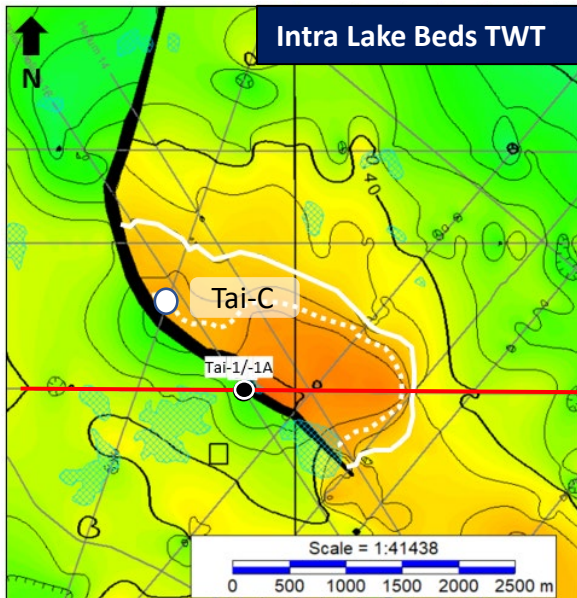


Operational landscape in the Rukwa Rift Basin, SW Tanzania

**Focus on Rukwa Basin discovery through 2023
Drilling campaign**

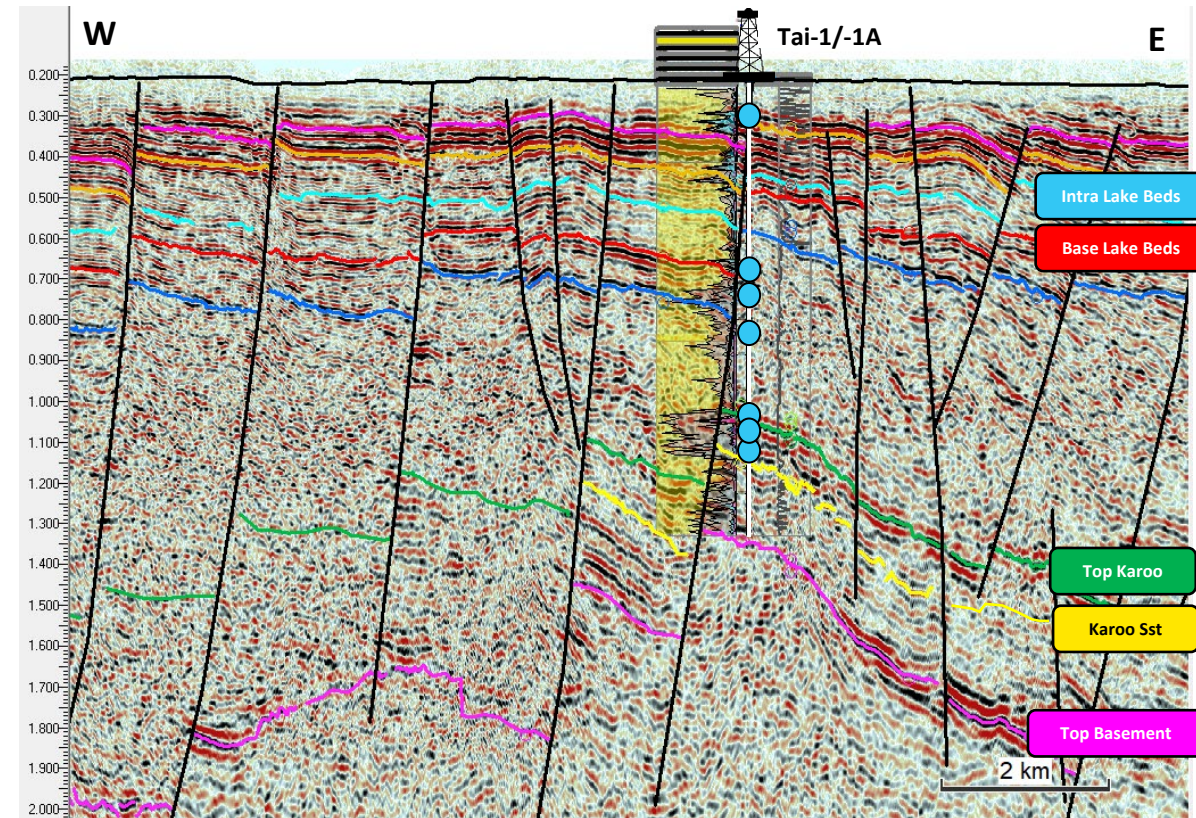
Focused on a 2023 Discovery

Targeting a proven working helium system at Tai



- Well location driven by **Phase II infill 2D seismic**
- Closure at Lake Bed level **not previously tested** by 2021 drilling
- Updip Karoo** closure identified on Phase II 2D seismic
- 2023 drilling will target **both** closures
- Tai-1/-1A demonstrated a **working helium system**
- Multiple **helium shows** identified subsurface helium occurrences

Seismic section illustrating Tai-1/-1A well with multiple helium shows



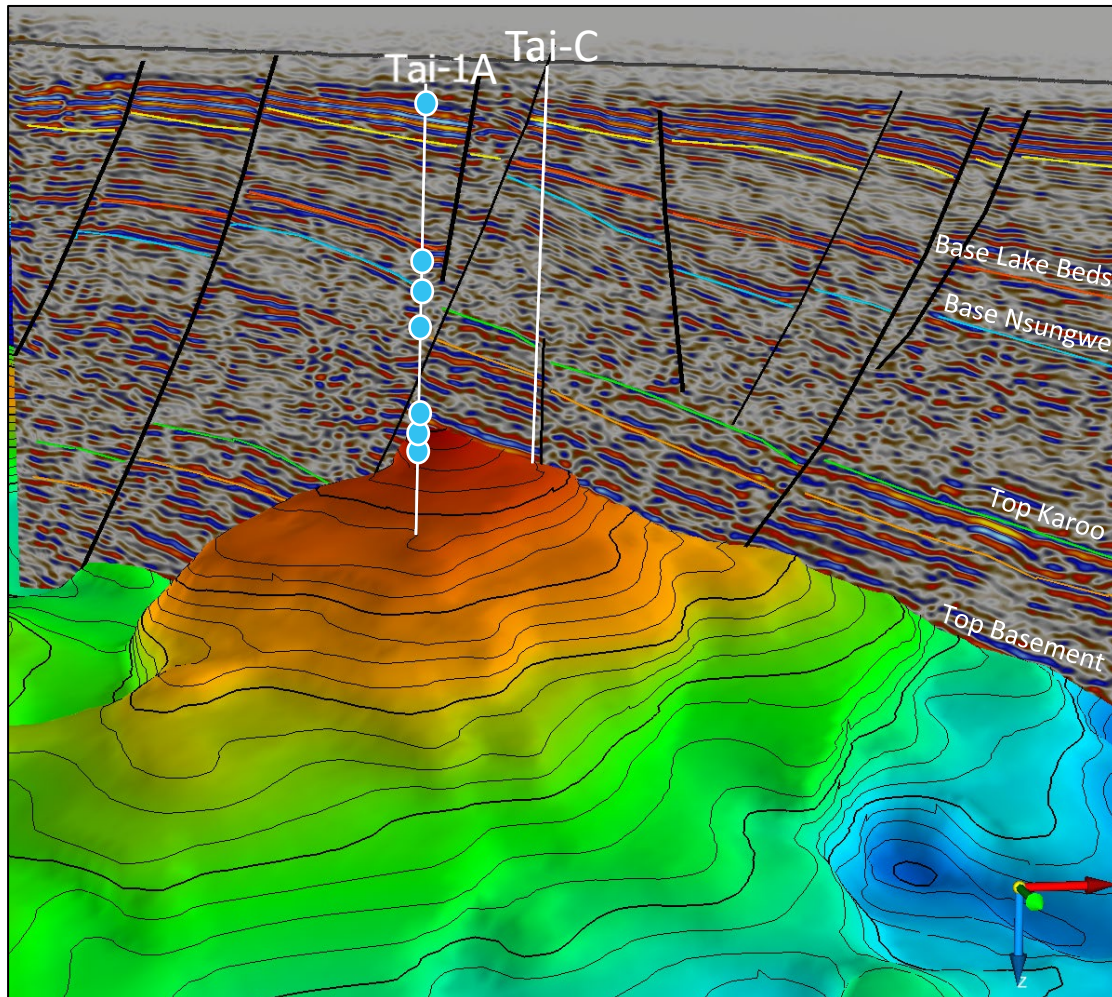
Seismic Line Ruk-21P2-08

● Helium shows in Tai-1/-1A well

Multiple subsurface helium shows encountered in 2021 drilling campaign

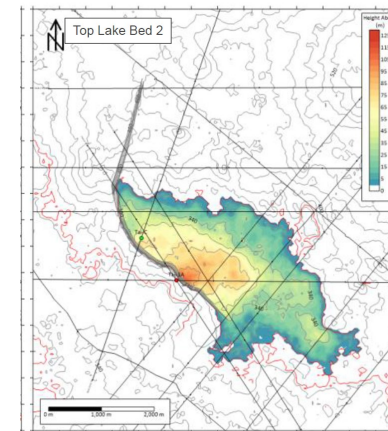
The Tai Helium Prospect

Tai-C well path

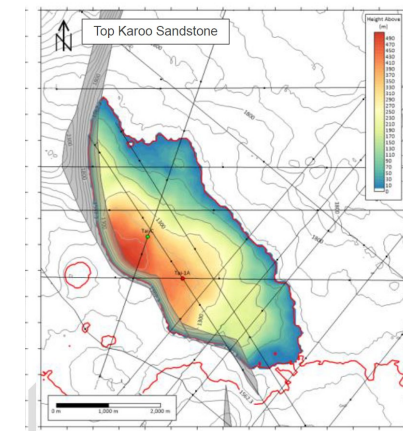


Top Basement map (TWT) over the Tai prospect in 3D view with the Tai-1/-1A trajectory and planned Tai-C well path

- The Tai prospect is a robust, **faulted 3-way** structure
- Bound by deep-seated basement fault; likely **conduit for helium migration**
- Known **helium shows** encountered at multiple levels in Tai-1/-1A well (2021)
- Prospect is located 15 km from known surface helium seeps with **helium concentrations of 10.2%** and **surface helium anomalies** immediately above
- Independent CPR in May 2023 confirmed a **2U net helium prospective resource of 2.8 Bcf** in the Tai structure, with an **upside 3U of 7.1 Bcf**



Top Lake Bed structure map (m TVDSRD)

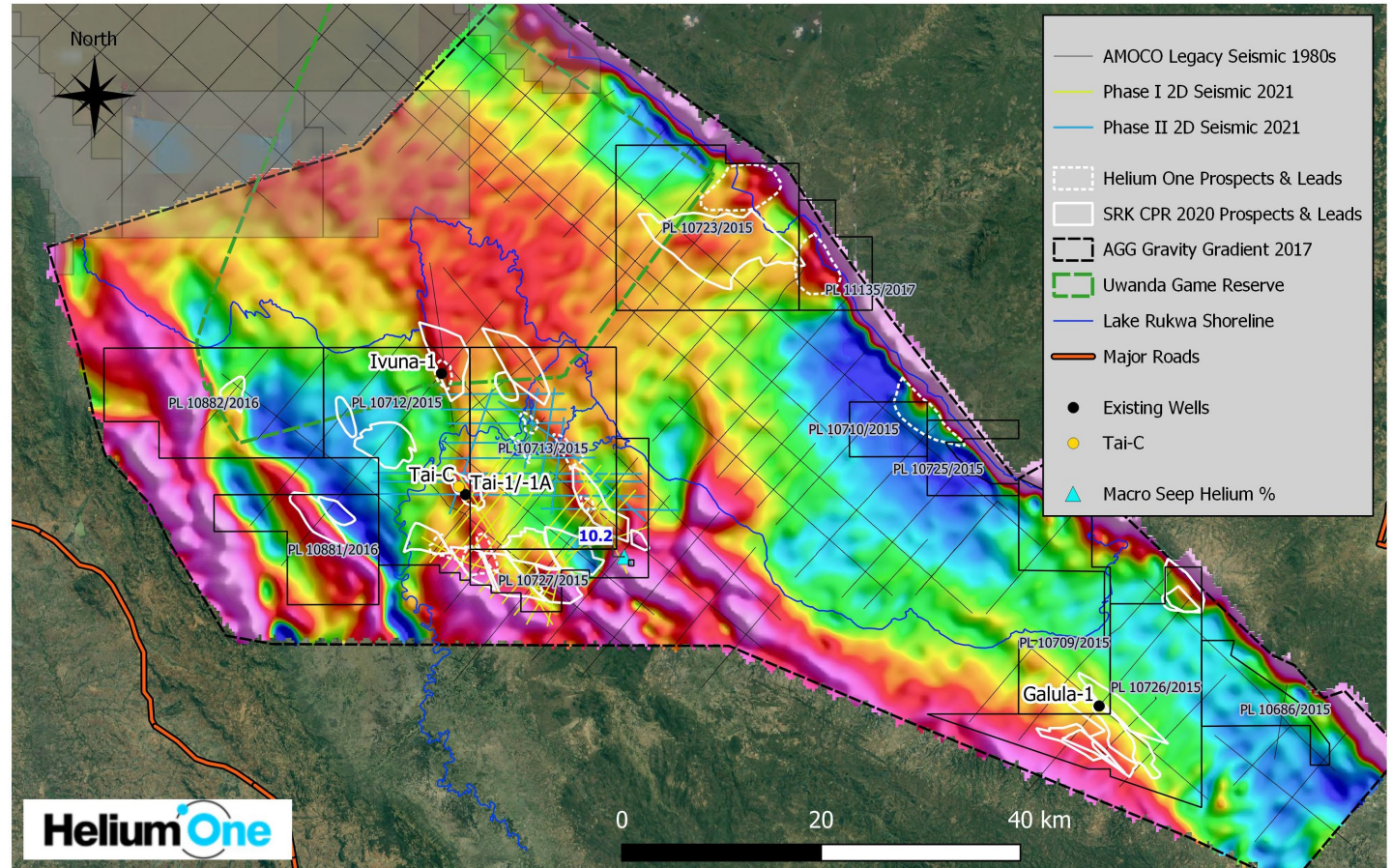


Top Karoo structure map (m TVDSRD)

Rukwa Project

Rukwa Rift Basin Prospectivity

- **12 Prospecting Licences** held (totalling 1,898 km²) following relinquishment in September 2022
- Multiple hydrothermal springs and surface helium seeps measured up to **10.2% helium**
- Drilled **Tai-1/-1A** well in August 2021 with helium shows identified at multiple levels
- Phase II 2D seismic interpreted and integrated by subsurface team; **improved understanding of Tai closure**
- **ERT survey** used to better understand shallow gas potential
- A prospective resource of **2.8 Bcf (2U) at Tai** alone with an upside potential of **138 Bcf** across licensed area
- On track for **September spud** of Tai-C well



Bouguer gravity image in southern Rukwa, illustrating current PLs and prospectivity

Operational Readiness

Preparing to drill Tai-C well

- **Civils work on Tai-C well pad** now complete
- **Mobilisation of rig and equipment** from lay down area to Tai-C well site has begun
- Leading energy technology company, **Baker Hughes**, contracted for their services on wireline, cementing and fluids
- **GeoLog** also contracted for mudlogging services
- Ongoing **community engagement** work in region to ensure locals are aware of project and machinery movements



Ongoing community engagement and awareness of upcoming Operations in Songwe region



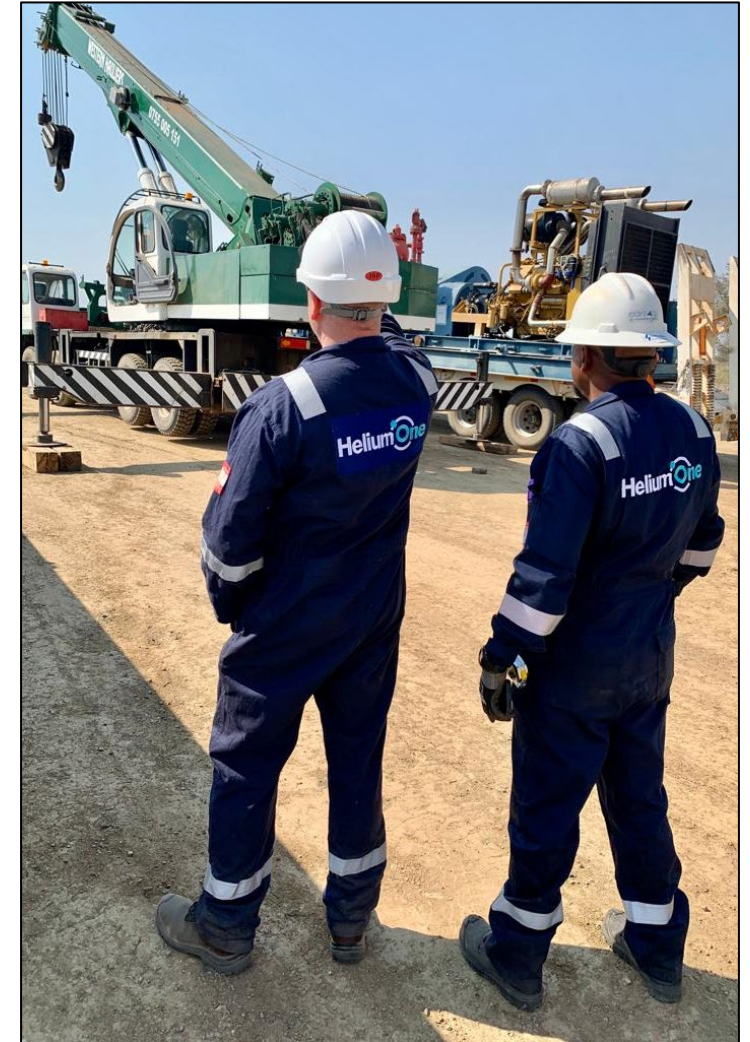
Assembly of rig substructure Tai-C well site



Mast arriving at Tai-C well site



Completion of Tai-C well site and concrete pad



Mobilising of equipment from lay down area to Tai-C well site

Rig acquisition for September spud

Epiroc Predator 220

- Recent successful **acquisition of an oil and gas type rig**; an Epiroc Predator 220 drilling rig
- Already mobilised **to Rukwa**; well site rig up to commence shortly
- **A compact, truck mounted rig**, that is quick to rig up/down
- Capable of drilling to **depths of 2,000 to 2,400m**
- Target spud of Tai-C well in **September**
- Rig ownership offers **further revenue options and fast track appraisal drilling**



Epiroc Predator 220 drilling rig rigged up (not in Rukwa)



Equipment arriving at Rukwa lay down area



Civils work complete on well pad access road



Equipment arriving at Rukwa lay down area



Truck mounted Epiroc Predator 220 drilling rig

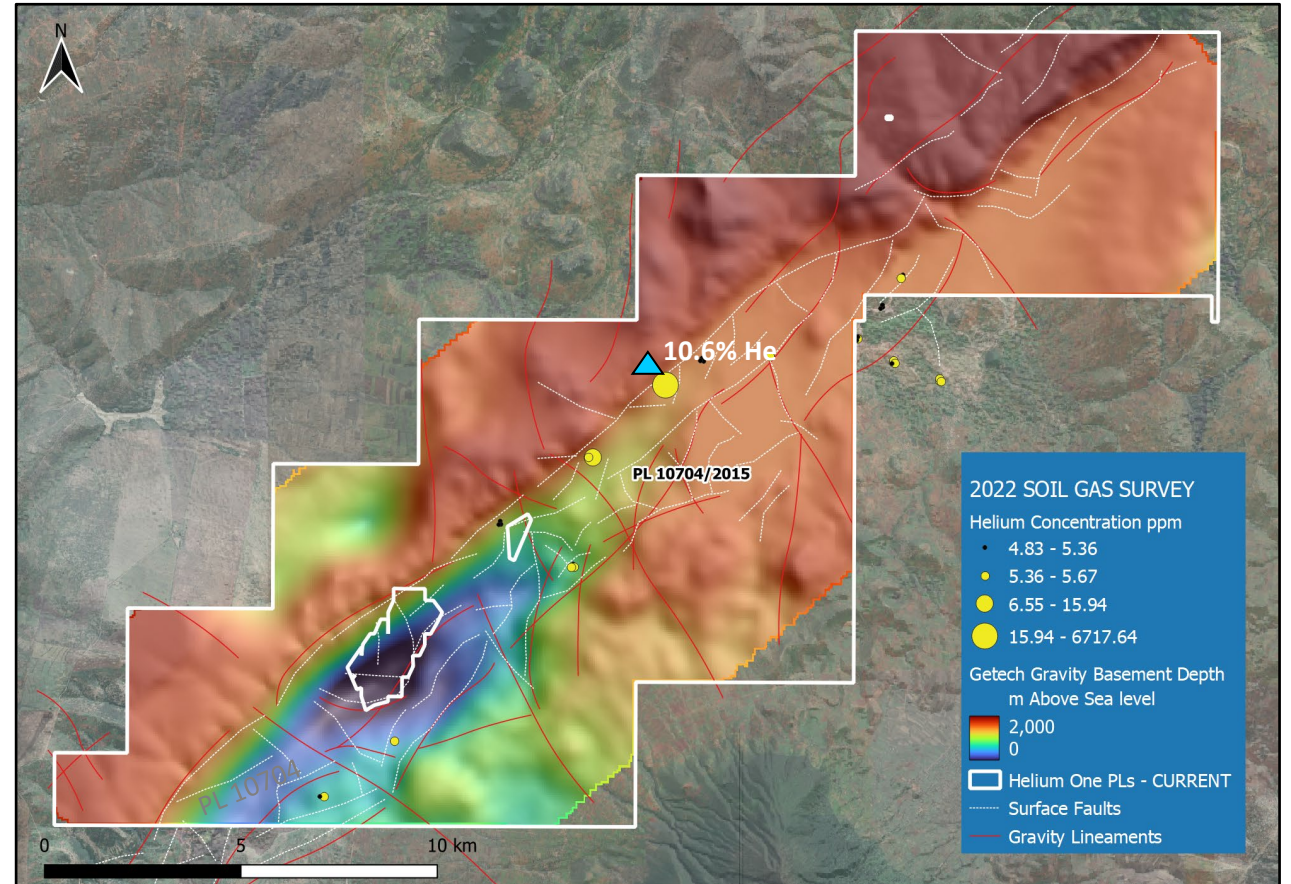
Balangida Project

Advancing our Exploration Programme

- **1 Prospecting Licence** held (259 km²) and renewed in September 2022
- Multiple hydrothermal springs and surface helium seeps up to **10.6% helium**
- 2016 and **2022 field work** undertaken to validate multispectral satellite spectroscopy study
- Q4 2022 undertook a large, **regional gravity-magnetic study** with Getech across Eyasi and Balangida region
- Technical team currently integrating the results of this work to build our **2023 work programme**



2022 field work sampling in joint collaboration with Geochemists from University of Dar es Salaam

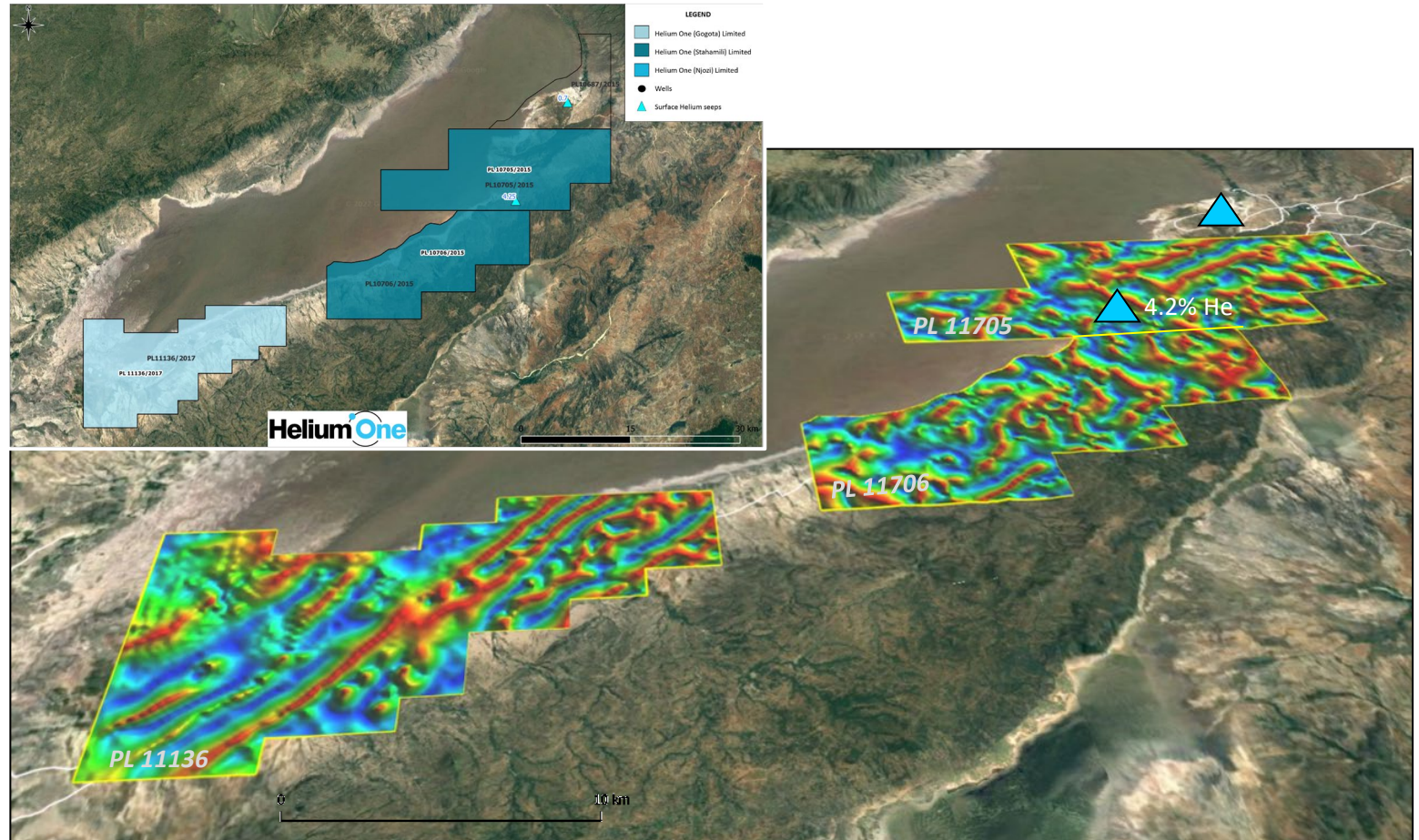


Depth to magnetic basement map over Balangida PL 10704/2015 (Getech study for He1, 2022/23)

Eyasi Project

Advancing our Exploration Campaign

- **3 Prospecting Licences held** (1,067 km²); PL 11136, PL 10705 & PL 10706 (September 2022 renewals)
- Surface helium seeps measured up to **4.2% helium**
- Q4 2022 we undertook a large, **regional gravity-magnetic** study with Getech (industry leading experts) across the Eyasi and Balangida region
- Technical team currently integrating the results of this work to **high rank prospective areas** for a future exploration programme
- **Near completion of ESIA application** for future seismic acquisition



Magnetic RPT derivative data (tilt angle derivative) illustrating basement faults and fractures (Getech study for He1, 2022/23)

Business in Tanzania

Long established relationships in country

- Tanzania Government are **receptive to foreign and domestic investment**, and contribute to rapid economic growth
- President Samia Suluhu Hassan has created a **business-friendly environment** (since March 2021)
- Tanzania currently stands as one of the **fastest growing economies on the continent** (Business Insider Africa, 2023)
- The **Mining Commission and Ministry of Minerals** are very supportive of Helium One and their ongoing projects, with ongoing engagement
- Most recently, Kabanga Nickel Ltd. (Tanzania's leading nickel project) **have started trading on NYSE** whereby the Government holds a 16% free carried interest (July, 2023)



President Samia Suluhu Hassan



Business District of Dar es Salaam



Tanzania Economy



TanZam Highway, 920km hard top road linking Dar Port

Environmental, Social & Governance (ESG)

Summary for 2022



Meeting with village Chairmen in Rukwa



CLOs meeting with Songwe Police Commander



Seismic social engagement programme



Local children during ERT survey



Building materials supplied by He1



Completed school project

- Our ESG projects are linked to **operational phases** to maximise impacts in the local area
- In 2022 Helium One completed **five projects in the Rukwa area**
- The projects, including four schools, were selected after a **community engagement** process
- Local authorities nominated a number of community buildings which required repairs or upgrades. Helium One **sourced building materials** for specific projects
- Helium One have also sponsored projects with the **University of Dar Es Salaam** and utilised students for knowledge transfer
- The next phase of CSR will coincide with the **Phase II Drilling Programme**

Helium properties and usage

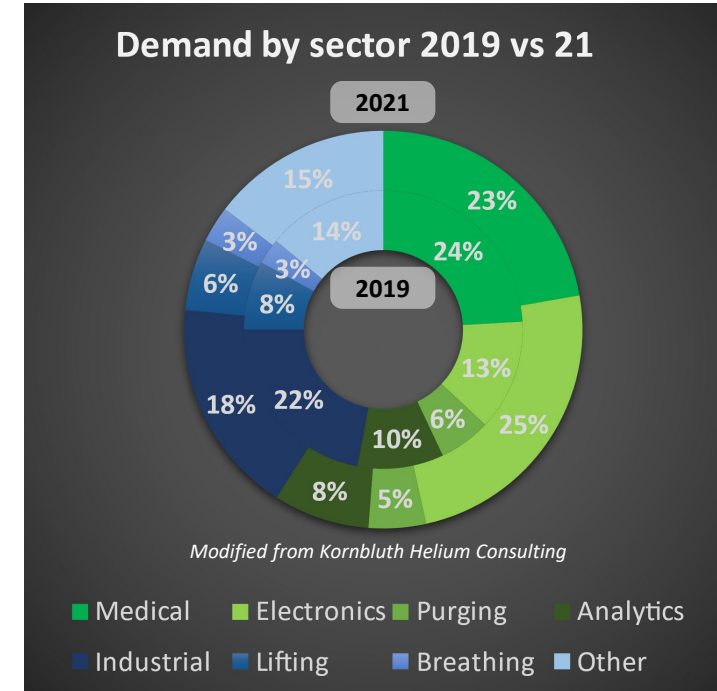
High-tech, high-value, high-growth applications

- Unique **properties** for a range of high-tech applications
- **Lowest boiling point** of any gas (-269°C)
- Highest **thermal conductivity**; essential for semi-conductors
- Smallest **molecular size**; purging and leak detection

Electronics to take over as leading helium application by 2024*

- Key **growth sectors** in computing, space exploration and high-tech manufacturing
- **Aerospace demand** driven by increased number of rocket launches
- **Rapid demand growth** – Global demand expected to grow from 6 Bcf per annum to 8.5-10 Bcf per annum by 2030*

*Kornbluth Consulting, 2023



Medical

- MRI Scanners
- Assisted Breathing



Electronics

- Semi-Conductors
- Fibre-Optics



Space Exploration

- Rocket Purging
- Leak Detection



Computing

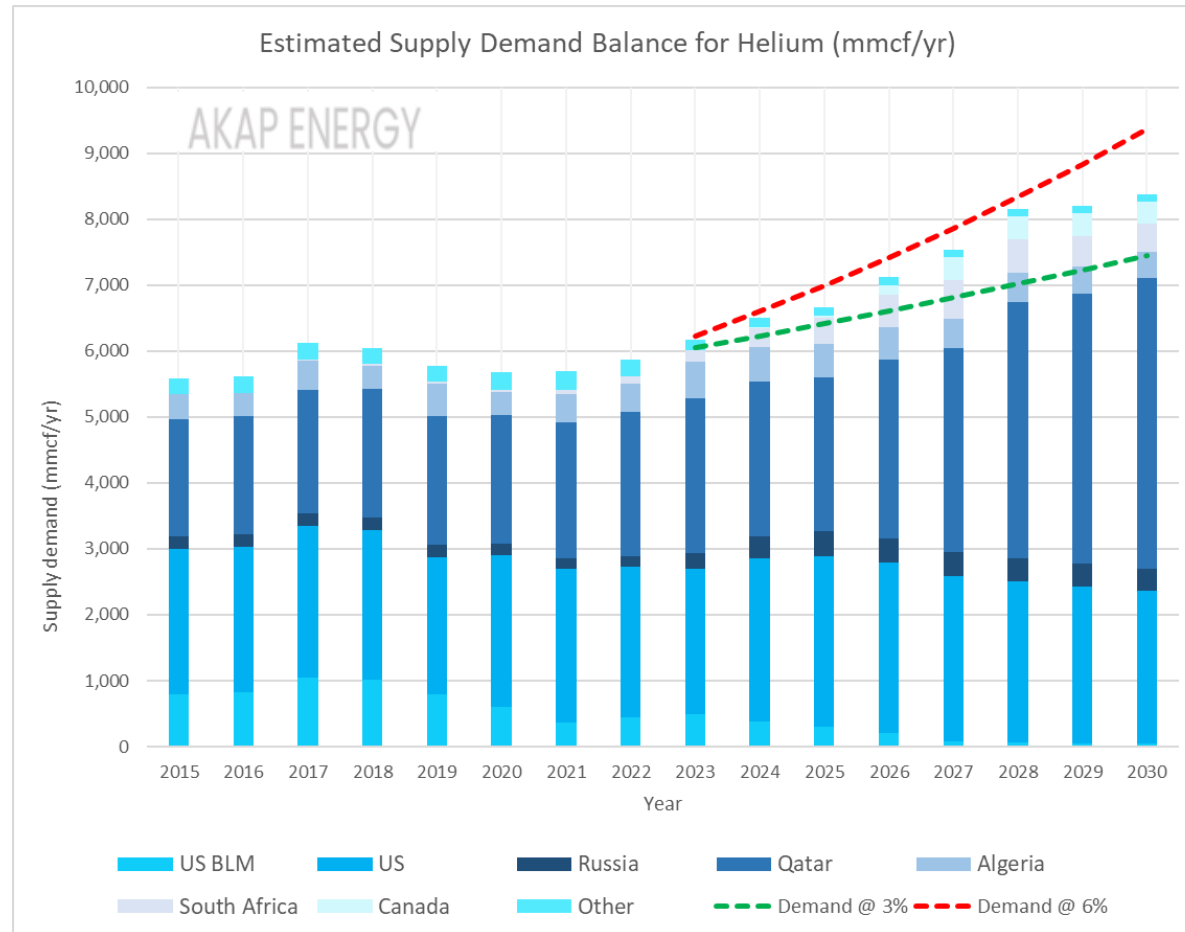
- Data Centres
- Quantum Computing



Industrial

- Welding
- Leak Testing

Supply and demand



Graph illustrating estimated supply demand balance for helium (Source: AKAP Energy, 2023)

- Several contributing factors to **helium shortage**
- **2019 closure** of US federal reserve triggered supply shock
- Russia invasion of Ukraine and Linde withdrawal from Amur **removed 2.0Bcf (~25%) of future supply**
- **Algeria bypassing LNG process** and He recovery - piping directly to Spain (reduces feed gas to helium plant)
- Planned **maintenance in Qatar**

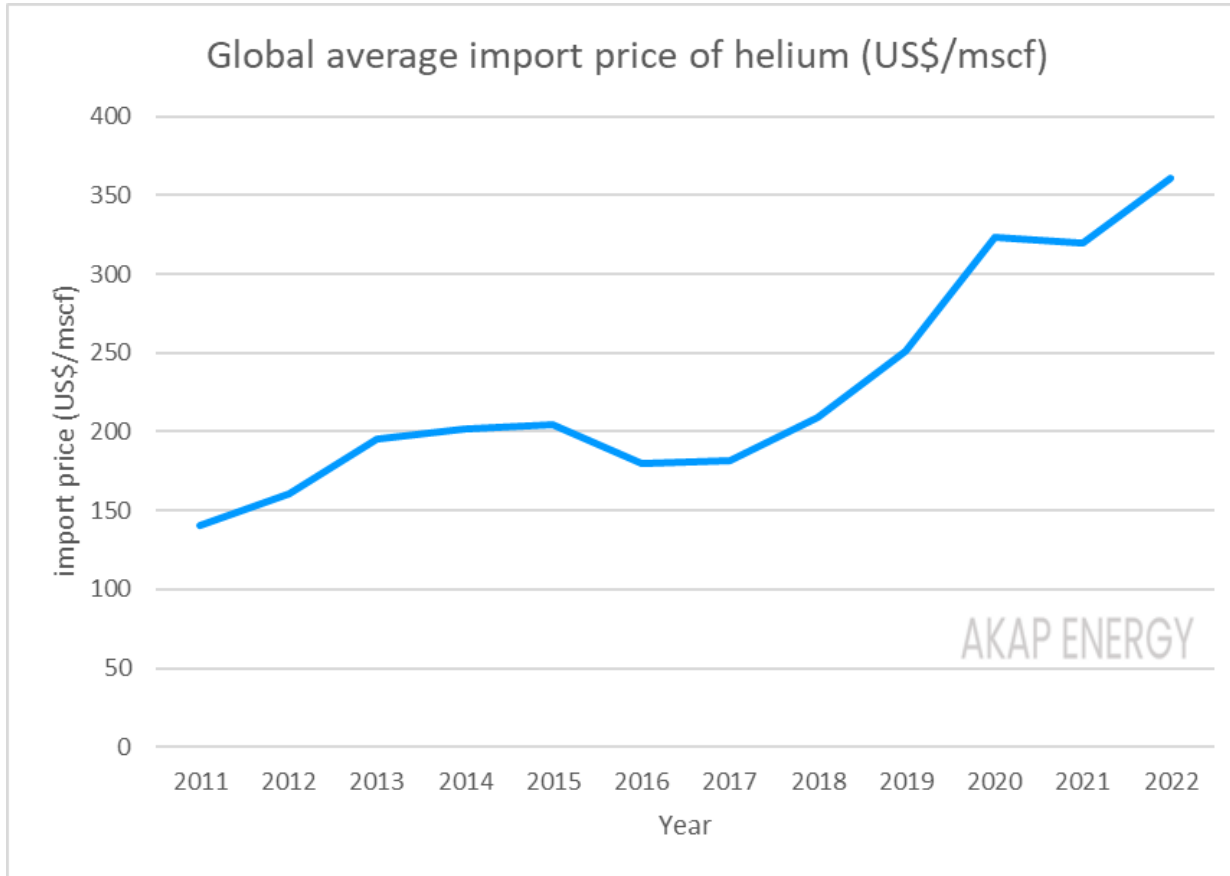
6.6 Bcf global demand for helium in a \$7 billion market*

- **Depletion of feed gas** for Darwin plant, Australia
- Current supply as **by-product of hydrocarbons** with concentrations typically 0.04-0.35% He
- New **primary helium discoveries** are required to meet demand growth

*Kornbluth Consulting, 2023

Helium Pricing Trends

Global import price of helium



Graph illustrating Global average import price of helium (Source: AKAP Energy, 2023)

- **No market price** for helium; contract driven
- Trades in USD at **wholesale** level
- Sales to end users as **bulk liquid or bulk gas**

Import prices[^] in January 2023 were up 39% to US\$457/mscf

- Major **helium distributors** sell to:
 - end users in markets where they operate retail gas business
 - local Tier 2 gas companies*
- **Long term contracts** (1-7 years) continue to increase
- **Spot pricing** much higher with current spot price for bulk liquid helium at US\$950/mscf* (no publicly available pricing information)

[^]AKAP Energy, 2023
*Kornbluth Consulting, 2023

Summary

Primary Helium Explorer

Focused on
**Tanzanian Helium
discovery** to
become one of the
leading producers
of 'green' Helium



Three project areas
in globally strategic
**primary Helium
province** with
100% ownership



Surface helium
concentrations up
to **10.6% He**
across all three
basins



Team fully focused
on **Drilling in
September**



Rig ownership
enables optionality
and fast track to
appraisal in
success case



Board of Directors and Management



Highly experienced team focusing on delivering success

JAMES SMITH
Non-Executive Chairman



30 years of experience as a senior oil and gas executive. Has held senior positions at Chevron Corporation, Pan-Ocean Energy and as VP Exploration at Orca Exploration

LORNA BLAISSE
Chief Executive Officer



Skilled explorationist with over 17 years oil and gas experience in Africa. Led exploration drilling projects in East and Central Africa, with extensive geological knowledge of the East Africa Rift System

NIGEL FRIEND
Non-Executive Director



Former CEO and CFO of Orca Energy with 35 years of experience in successfully growing companies through a clear focus on cash generation

SARAH COPE
Senior Independent
Non-Executive Director



20 years of experience in investment banking and as Nomad / Broker at Cantor Fitzgerald, RFC Ambrian, FinnCap Ltd and RBC Capital Markets

RUSSEL SWARTS
Non-Executive Director



30+ years of experience as a chartered accountant and finance director. Multiple CEO and CFO positions

CHRIS EYRE
Chief Financial Officer



Financial Executive based in Tanzania with 15 years experience in senior positions across East & Southern Africa. Previously FD for Tata East Africa region & Financial Controller for Traxys

GRAHAM JACOBS
Financial & Commercial Director



Experienced financial and commercial executive with over 30 years of experience in the natural resources sector. He has extensive expertise in the oil and gas industry

MIKE WILLIAMS
Director of Operations



A Technical Engineering and Operations Manager with 16 years experience working on remote projects globally, including Southern and Eastern Africa

KAI GRUSCHWITZ
Technical Director



25 years of experience with international oil and gas projects with Shell, Petro-Canada, Statoil and Sand Hill Petroleum. Previously held Team Lead positions in exploration and appraisal projects



The primary helium company

Contact us

Email:

info@helium-one.com

Telephone:

+44 (0) 20 3978 5320

LSE AIM: HE1

helium-one.com