Corporate Presentation

December 7th, 2023 TSXV: PLSR

PULSA

The Force in Helium







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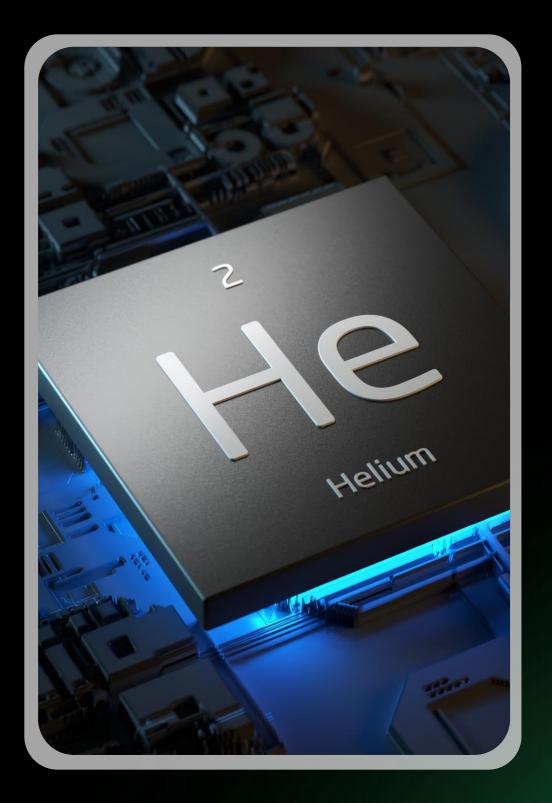
Forward-looking statements and cautionary notes

This presentation contains forward-looking statements and forward-looking information within the meaning of Canadian securities legislation (collectively, "forward-looking statements") that relate to the Company's current expectations and views of future events. Any statements that express, or involve discussions as to, expectations, beliefs, plans, objectives, assumptions or future events or performance (often, but not always, through the use of words or phrases such as "will likely result", "are expected to", "expects", "will continue", "is anticipated", "anticipates", "believes", "estimated", "intends", "plans", "forecast", "projection", "strategy", "objective" and "outlook") are not historical facts and may be forward-looking statements and may involve estimates, assumptions and uncertainties which could cause actual results or outcomes to differ materially from those expressed in such forward-looking statements. In particular and without limitation, this news release contains forward-looking statements included in this news release should not be unduly relied upon. These statements speak only as of the date of this presentation.

Forward-looking statements are based on a number of assumptions and are subject to a number of risks and uncertainties, many of which are beyond the Company's control, which could cause actual results and events to differ materially from those that are disclosed in or implied by such forward-looking statements. Such risks and uncertainties include, but are not limited to other factors set forth under "Cautionary Note Regarding Forward Looking Statements and Market and Industry Data" and "Risk Factors" in the Final Prospectus dated July 31, 2023. The Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law. New factors emerge from time to time, and it is not possible for the Company to predict all of them, or assess the impact of each such factor or the extent to which any factor, or combination of factors, may cause results to differ materially from those contained in any forward-looking statement. Any forward-looking statements contained in this presentation are expressly qualified in their entirety by this cautionary statement.

This presentation shall not constitute an offer to sell or the solicitation of an offer to buy securities.

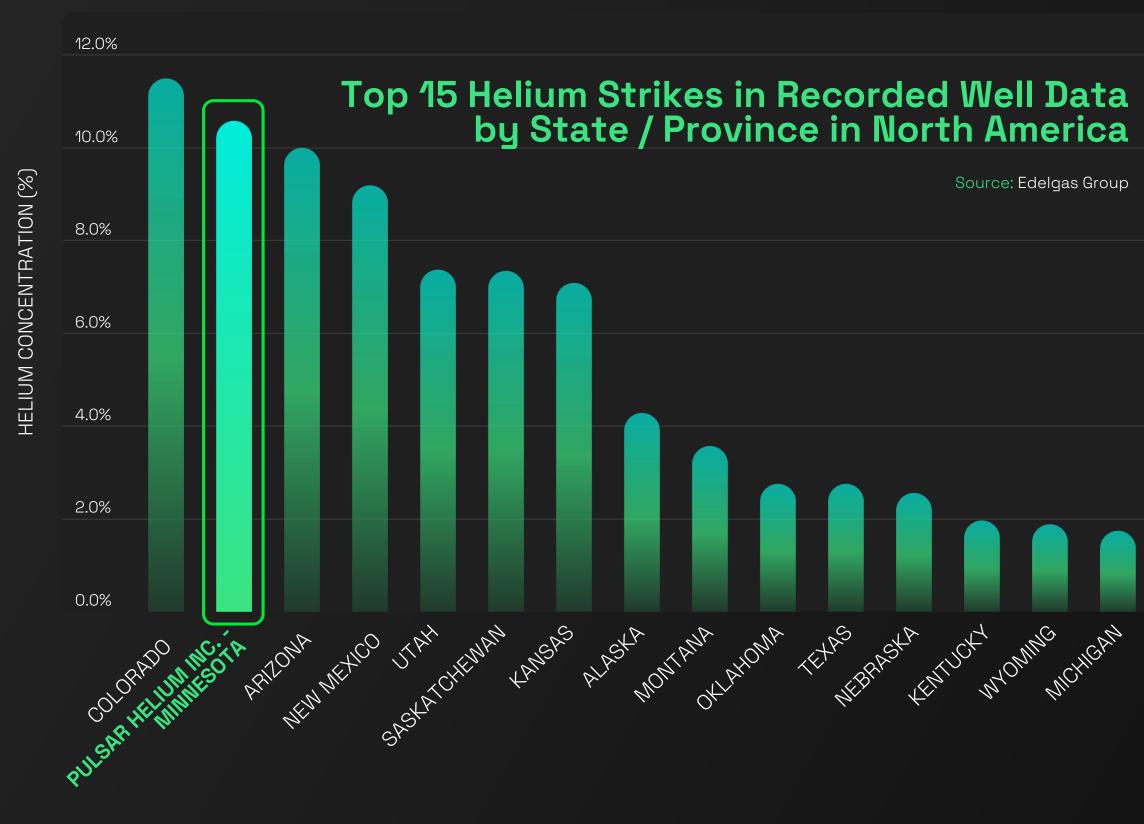




- Pulsar President & CEO, Thomas Abraham-James

- " Helium is essential for the
- fabrication of semiconductors,
- therefore all electronics from EVs
- to Al are reliant. For more than a
- decade helium demand has been
- throttled by supply Pulsar exists
 - to change that. "

2nd Highest Grade in North America





10.5%

helium drilled and flowed in Pulsar's Topaz Project in Minnesota¹



helium concentration is considered economically significant²

Sources: ¹ Refer to slide 15 for analytical results ² https://repository.mines.edu/handle/11124/172822



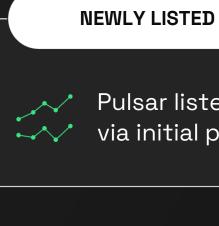
CAPITAL STRUCTURE

TSXV TICKER	PLSR
SHARE PRICE (TSXV CLOSE, DECEMBER 6, '23)	C\$0.245
ISSUED SHARE CAPITAL	74.1 M
WARRANTS	11 . 3 M
BASIC MARKET CAPITALIZATION	C\$18.2 M
CASH (JUNE 30, 2023)*	C\$3.1 M

* includes cash at June 30, 2023 of C\$140,000 plus IPO proceeds of C\$3.0M

SHAREHOLDER BASE

THOMAS ABRAHAM-JAMES (PRESIDENT & CEO)	16%
CAMBRIAN LIMITED (NEIL HERBERT)	16%
ARCHEAN PTY LTD (JOSHUA BLUETT)	13%
REMAINING BOARD & MANAGEMENT	3%
PUBLIC SHAREHOLDING FLOAT	52%





& MANAGEMENT

Thomas Abraham-James President & CEO

- Corporate executive and chartered qeoscientist
- Co-founder & former managing director of Helium One Global Ltd (LSE: HE1)
- 17+ years in mineral resources

Doris Meyer Independent Director

- Financial professional & corporate executive
- 37+ years in mineral resources



Pulsar listed on the TSX Venture Exchange on August 15th, via initial public offering (IPO)

Neil Herbert Executive Chairman

EXPERIENCED BOARD

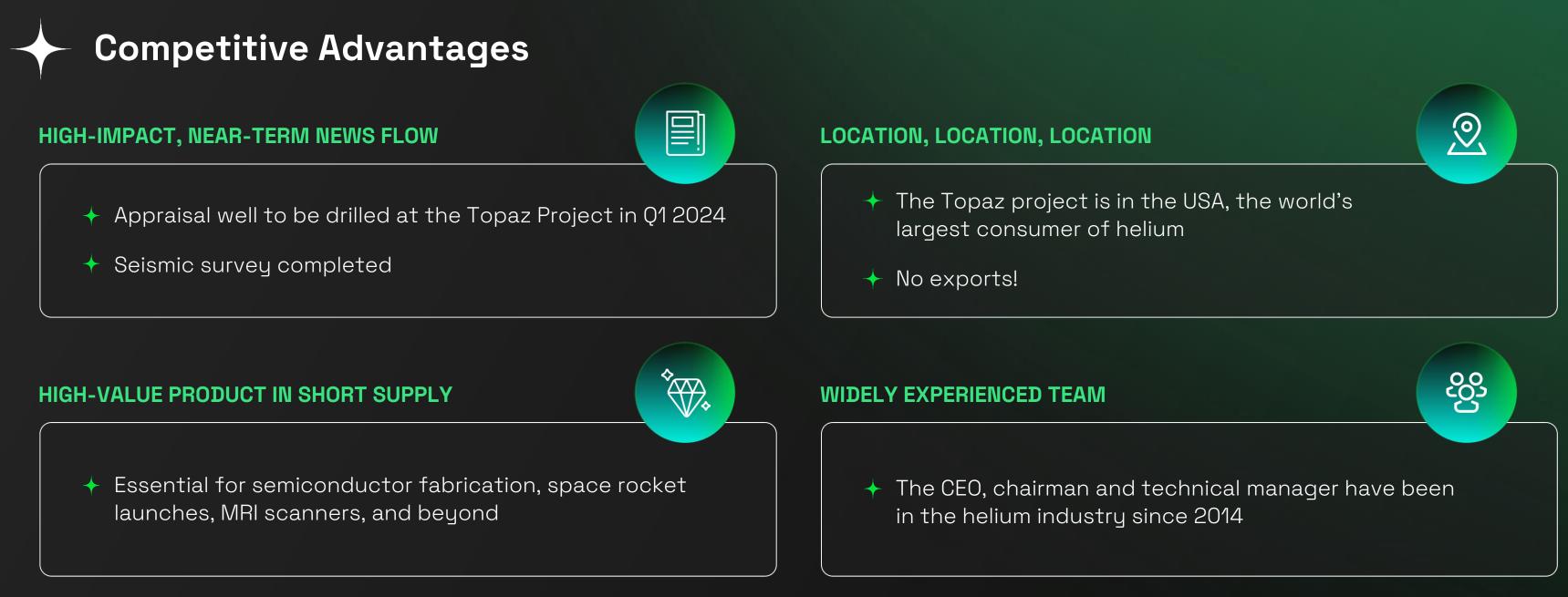
- Corporate executive & accountant
- Former chairman of Helium One Global Ltd (LSE: HE1)
- 30+ years in mineral resources

Jon Ferrier Independent Director

- Corporate executive & geoscientist
- Former CEO of Gulf Keystone Petroleum Ltd (LSE: GKP)
- 35+ years in oil and gas

Stu Crow Independent Director

- Corporate executive & financier
- Chairman of Lake Resources NL (ASX: LKE)
- 30+ years in mineral resources



HELIUM IS THE PRIMARY ECONOMIC DRIVER

- ~95% of the world's helium is produced as a byproduct of hydrocarbon production¹
- We focus only on projects where helium is the **primary** economic driver $\mathbf{+}$







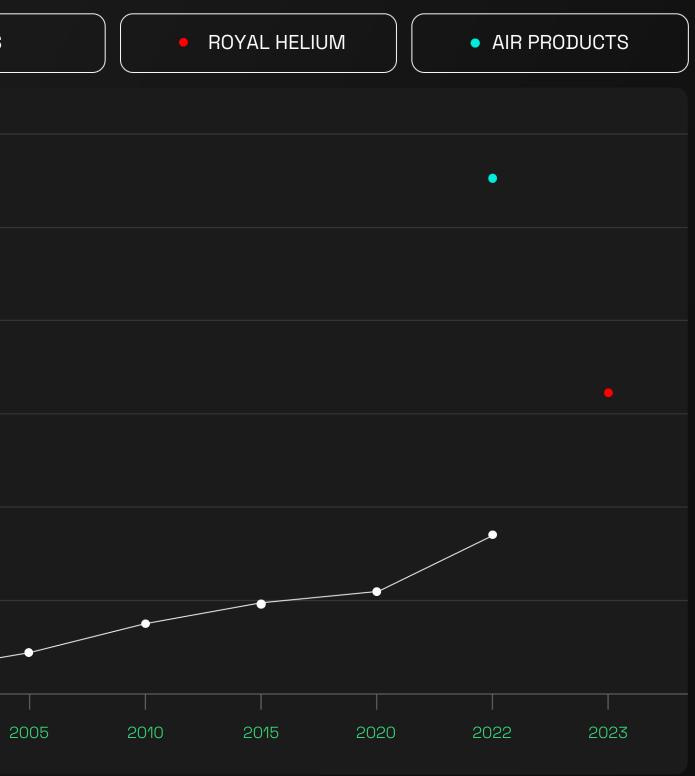
>100x	Helium is valued at over 100x the natural gas price	• USGS US\$1,200
		US\$1,000
638 % price increase for Grade-A gaseous helium since 2000 (data from the United States Geological Survey (USGS)) ¹	Air Products ³ major 5-year off-take with NASA in 2022, valuing the liquid helium and ancillaries at ~US\$1,100 per mcf	US\$800 US\$600
Prices in excess of US\$1,000 per mcf in the past 12 months data has shown several liquid helium shipments being traded globally for >US\$1,000 per mcf ⁴	Royal Helium Ltd. ² (TSXV: RHC): off-take with a private North American company valued at US\$625 per mcf of Grade-A gaseous helium (announced in 2023)	US\$400 US\$200
(2) https://royalheliumItd.com/investors/corporat	als-information-center/helium-statistics-and-information	US\$0

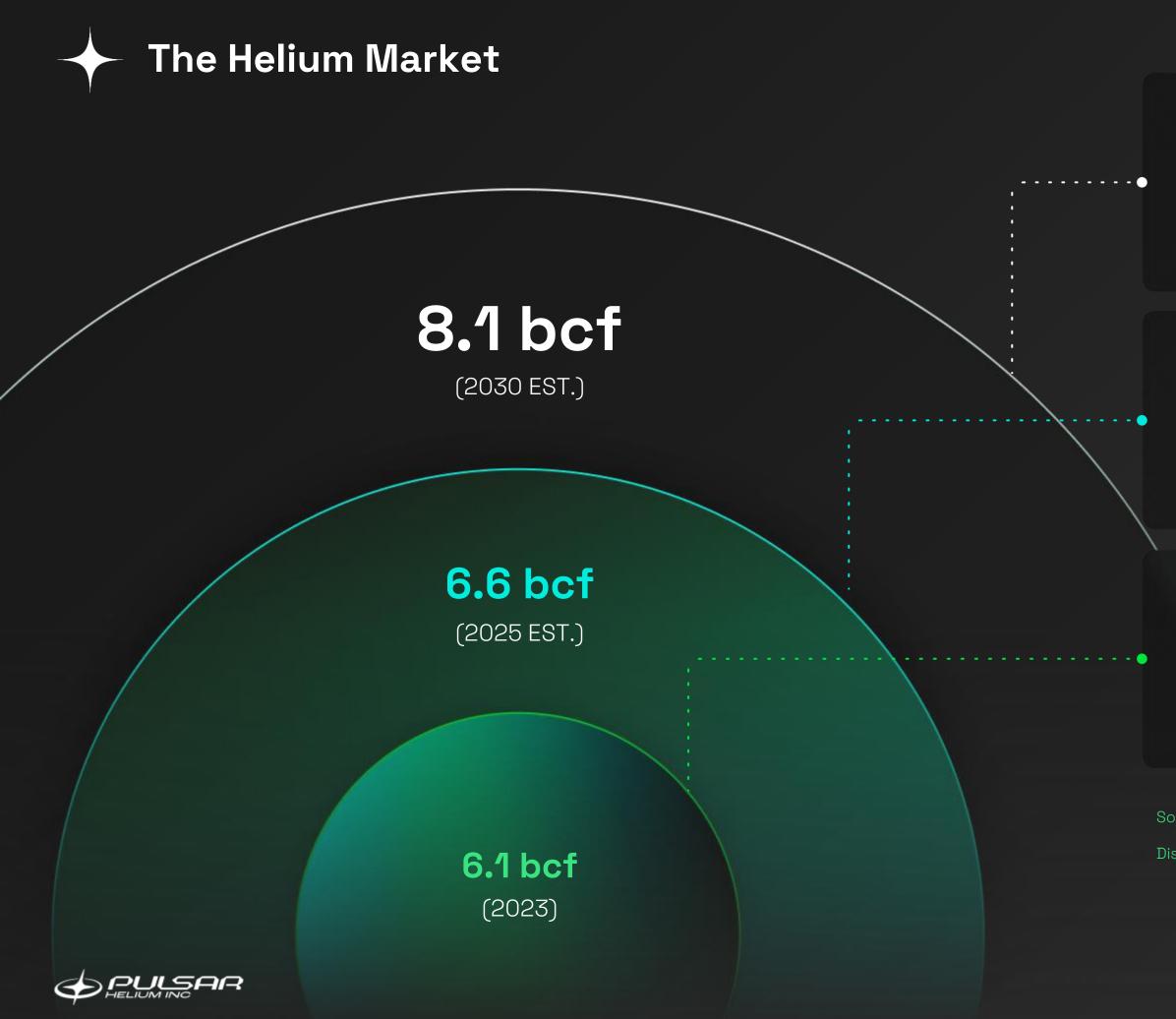
2000

(3) https://www.nasa.gov/press-release/nasa-awards-contract-for-liquid-helium-acquisition-at-kennedy The 5-year contract includes unit prices for the helium commodity per year (including transportation expenses), the lease of six helium pumps, and other ancillary services.

(4) Edelgas Group







Forecast Total Market 8.1B \$750		²⁰³⁰ ~\$6.1B
Cubic Feet	Per mcf	
Forecast Total Market		2025
6.6B Cubic Feet	\$750 Per mcf	~\$5.0B
Total Market		2023
6.1B	\$750	~\$4.6B
Cubic Feet	Per mcf	
ource: Edelgas Group sclaimer: Subject to market	conditions. risks. and ur	ncertainties. No assurances
can be made that such forward-looking market information will occur		

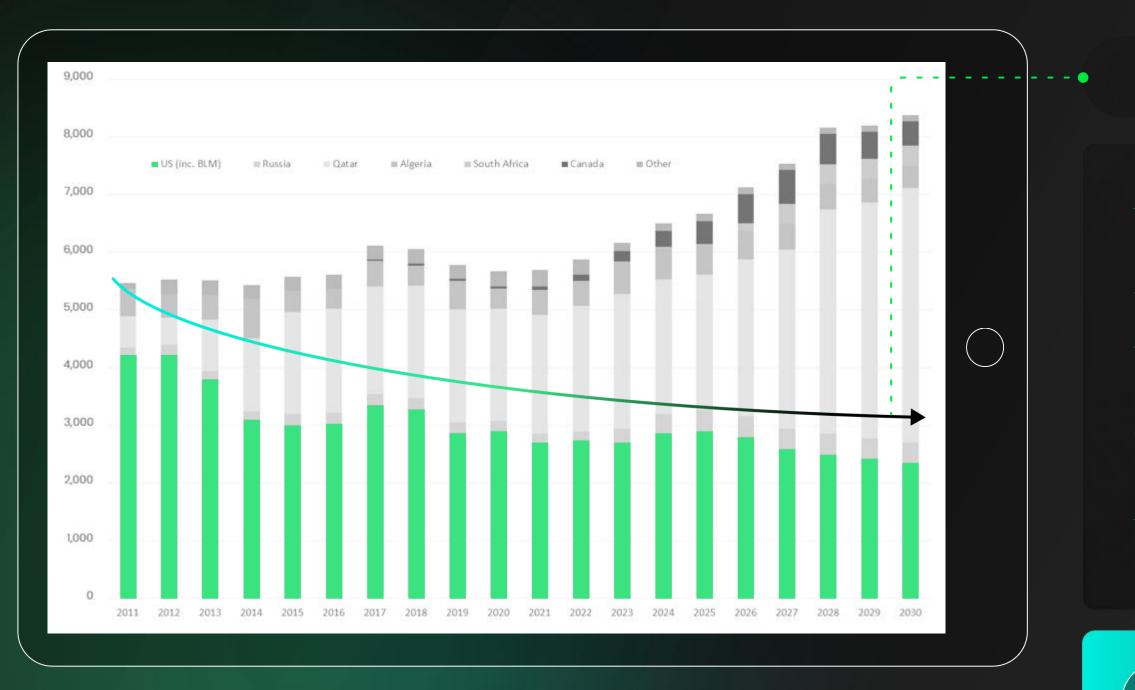
or prove to be correct.

80

Supply - USA in Decline

Worldwide Helium Production by Supply Source to 2030

(million ft³/year)



Source: Edelgas Group

Disclaimer: Subject to market conditions, risks, and uncertainties. No assurances can be made that such forwardlooking market information will occur or prove to be correct.





 $\mathbf{+}$

USA PRODUCTION IS IN SIGNIFICANT DECLINE

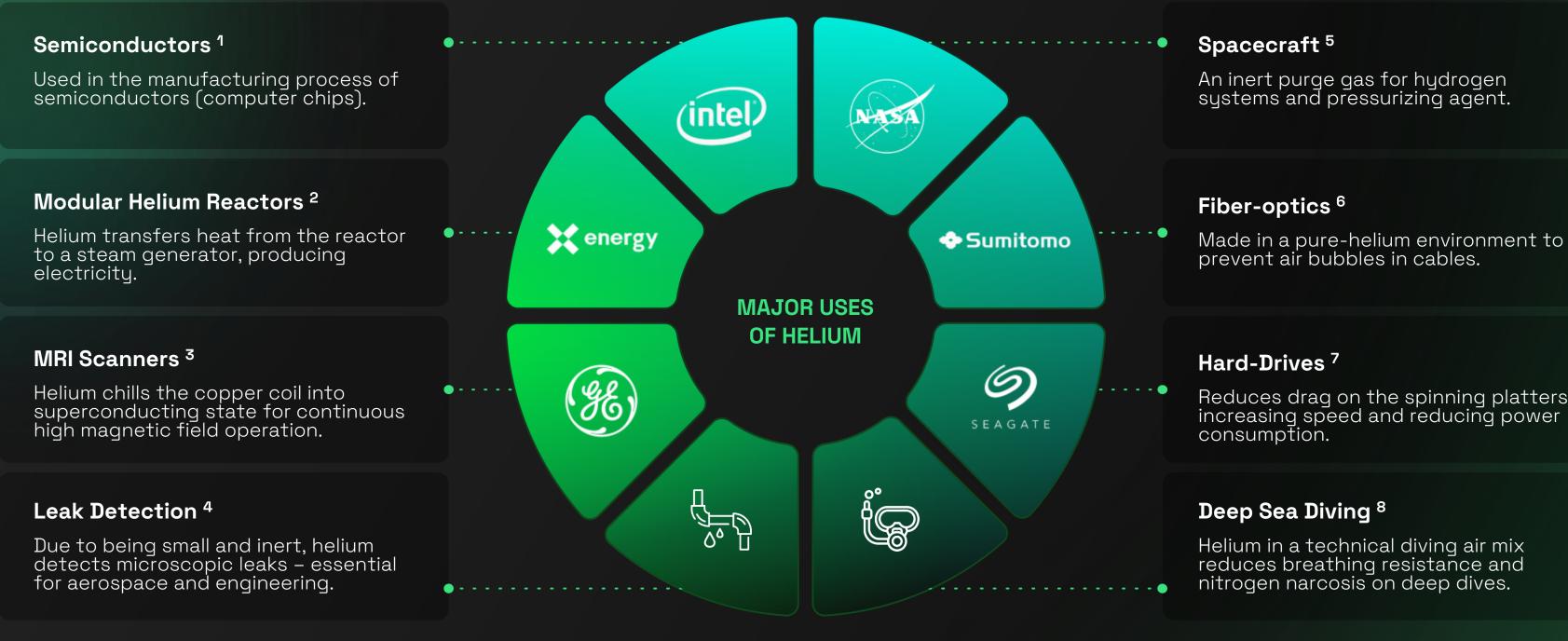
- Exxon Mobil Corporation (USA) stands as the most reliable source.
- The USA Federal Reserve is decreasing rapidly.
- Algeria is influenced by Europe's varying LNG demand.
- Qatar is overshadowed by constant geopolitical risk.
- Both Russian and South African supply are displaced from demand.



Reliability and sustainability of any supply outweigh price and volume.



Helium is critical for electronics (semiconductors), the internet (fiber-optics) and other everyday items that we rely upon.

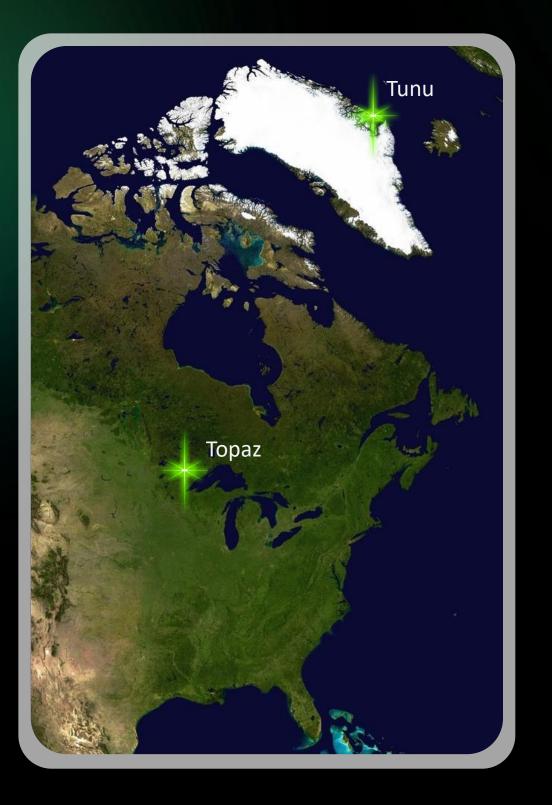


Sources: (1) https://www.instituteforenergyresearch.org/fossil-fuels/helium-is-instrumental-in-semiconductor-manufacturing/. (2) https://www.energy.gov/ne/articles/x-energy-developing-pebble-bed-reactor-they-say-cant-melt-down (3) https://www.europhysicsnews.org/articles/epn/pdf/2012/04/epn2012434p26.pdf. (4) https://www.tqc.co.uk/our-services/leak-testing/helium/quide-to-helium-leak-testing/ (5) https://www2.jpl.nasa.qov/basics//cassini/he.html#:~:text=Helium,valves%20in%20the%20propulsion%20system. (6) https://summitsourcefunding.com/helium-used-for-internet-access-fiber-optics/ (7) https://blog.westerndigital.com/race-to-seal-helium/(8) https://www.envinsci.co.uk/use-helium-deep-seadiving/#:~:text=Benefits%20of%20helium%20for%20divers&text=In%20some%20dives%2C%20both%20nitrogen,surface%2C%20without%20suffering%20decompression%20sickness.



Reduces drag on the spinning platters, increasing speed and reducing power





- Topaz, Minnesota, USA
- + Drilled and flowed gas with a concentration of 10.5% helium¹, the 2nd highest in North America
- The USA is the largest market for helium
- Appraisal well scheduled for Q1 2024
- + Exclusive leases secured for up to 4,181 acres of land², including the original discovery site

Tunu, Greenland

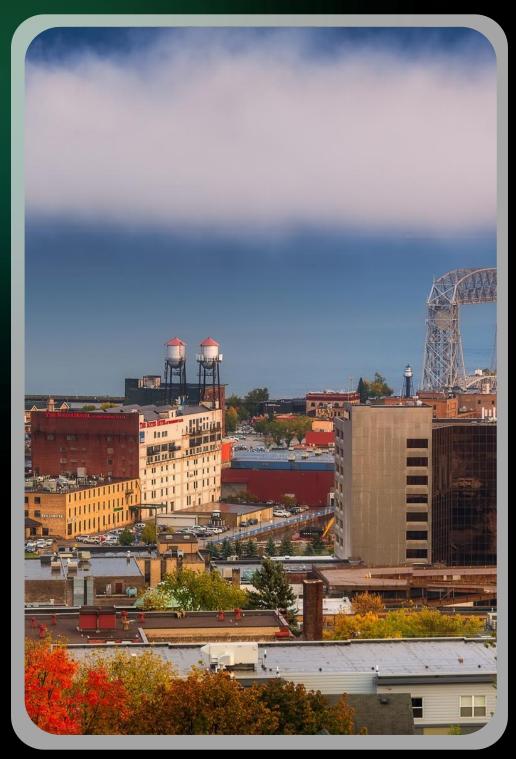
- + A European Union (EU) overseas territory and helium is on the
 - European Commission's list of critical raw materials
- + Helium concentration at least 0.8%
- The only helium explorer in Greenland
- (1) Refer to slide 15 for analytical details Sources: (2) Refer to slide 16 for lease details



First mover in two new primary helium regions

+ Large land position of 2,772 km² (~685,000 acres)

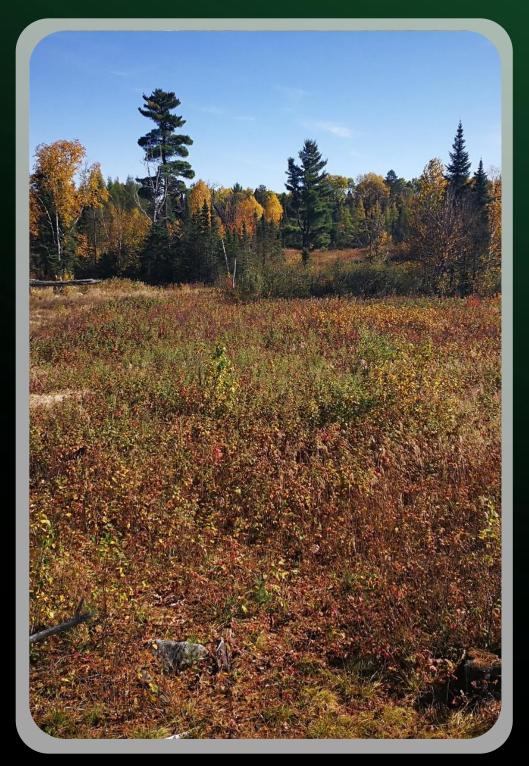




Duluth, Minnesota







Location of the helium discovery



SEISMIC SURVEY

 \bigcirc Processed data in December

NEW LEASE APPLICATIONS

 \bigcirc

Lodged with private, State and Federal mineral right owners

APPRAISAL WELL

 \bigtriangledown To be drilled in Q1 2024





RESOURCE / RESERVE CALCULATION

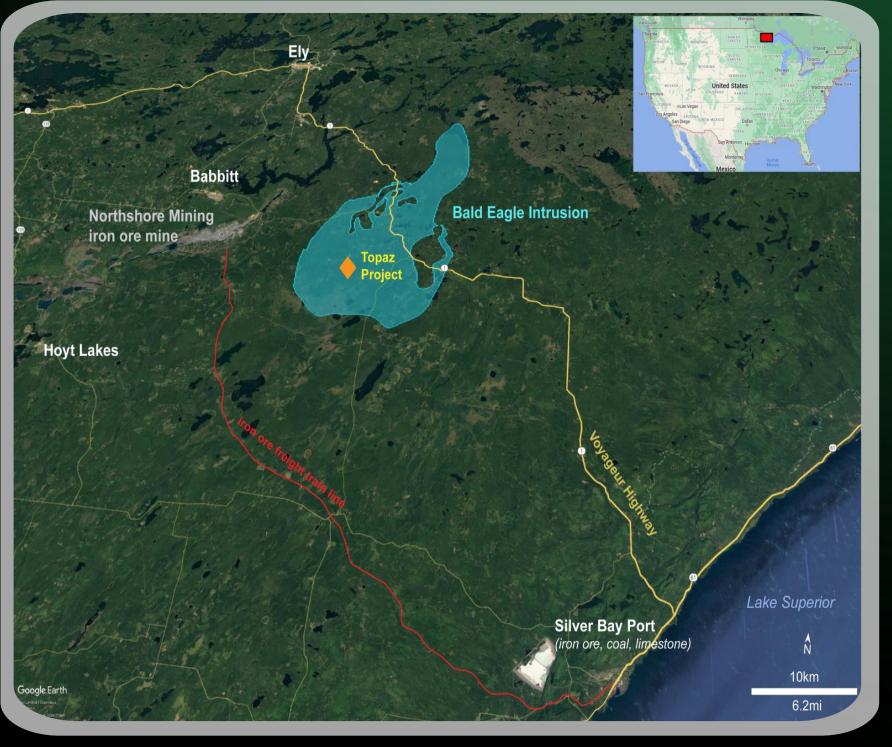
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To commence immediately post-appraisal well completion

Location, location, location

Located in Lake County, northern Minnesota.

- Within 8 kilometers of the Northshore Mining iron ore mine, and the towns of Babbitt and Ely. Natural resources are the backbone of the local economy.
- Next to the Voyageur Highway that leads to Duluth (125 kilometers) and Minneapolis (380 kilometers).
- Location is everything as liquid helium is notoriously difficult to transport long distances. Modern 40' helium ISO containers can hold at 90% capacity for 45 days before loss of product occurs¹.
- + The Topaz project is within 2 days drive of anywhere in the contiguous United States. No bottlenecks at ports, no customs clearance, minimal opportunity for product loss – reliable.





Topaz location map



Helium Discovery at Topaz

In 2011, a drill-hole targeting nickel intersected gas at 1,778 feet (542 meters)

Gas flowed for 4 days with no apparent reduction in pressure

Samples of the gas were sent to:

- The University of Toronto, that reported a concentration of 10.5% helium, and
- Pace Analytical also reported a consistent concentration of 10.5% helium after correction for air contamination

+ Gas analysis measured CO₂, N₂ and helium as the main constituents

Topaz is not an isolated helium occurrence in Minnesota. Review of publicly available data has identified a well that measured 2.0% helium located 160km southwest of Topaz, and numerous records of "non-flammable" gas having been encountered but not analyzed for helium¹.







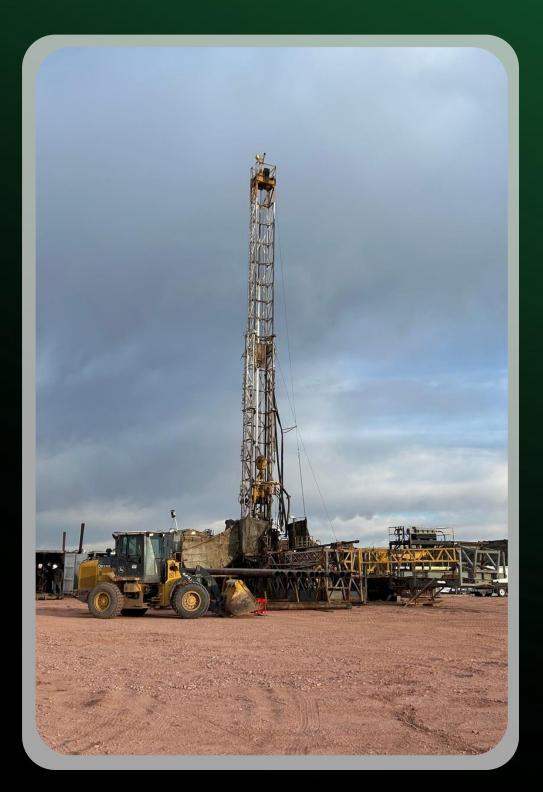
Appraisal Well Preparation

- + Appraisal well scheduled for Q1 2024, to be drilled within 20 meters of the discovery well
- + All necessary permits have been granted
- Preliminary access works have been completed
- Rig inspections have begun

Mineral Rights

- Exclusive private leases have been issued over the discovery well and immediate areas of interest, a total of 2,089 net acres
- An exclusive option for additional private leases is in place for an additional 2,092 net acres
- +Surface rights are privately held
- +Applications have been lodged for additional private, Federal and State mineral rights





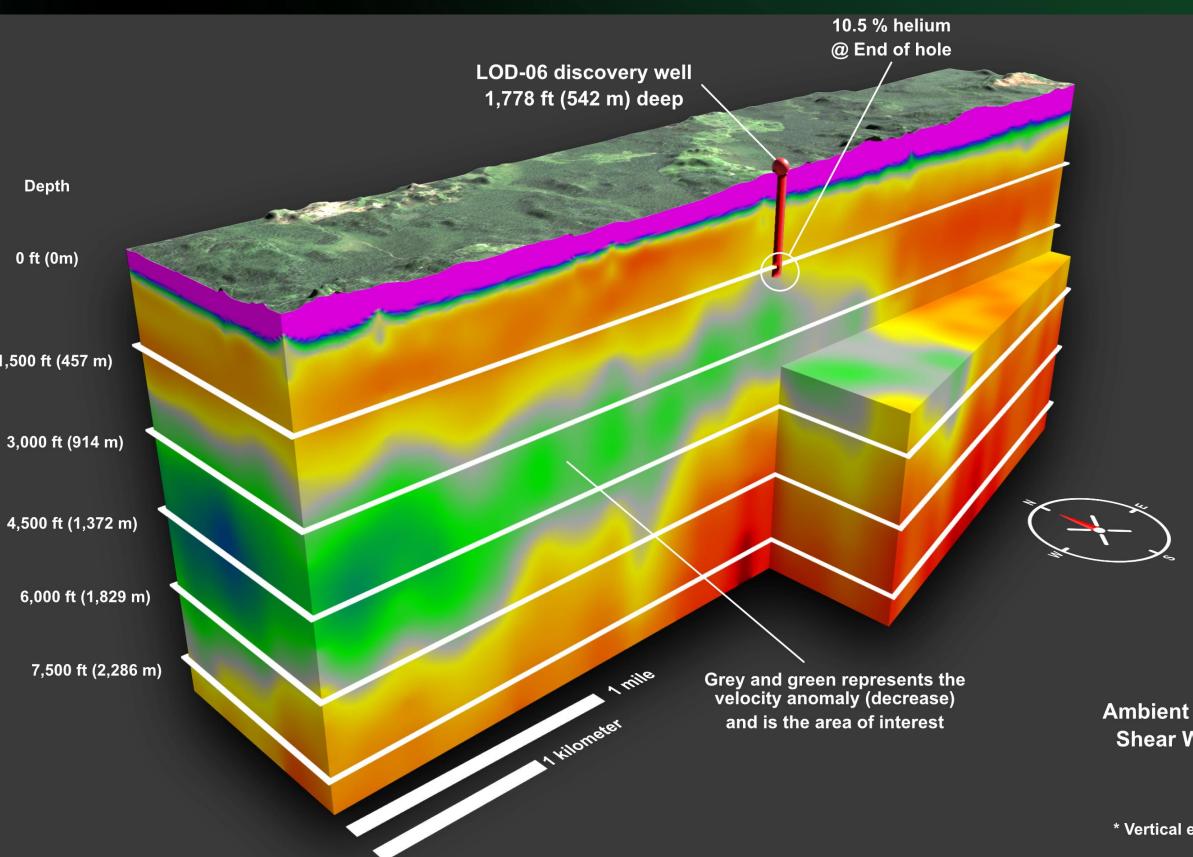
A rig that was inspected in March 2023



Passive seismic survey processing complete

A significant and distinct shear wave velocity anomaly (velocity decrease) has been identified at the same depth (1,778ft / 542 metres) where gas containing 10.5% helium was encountered in the LOD-6 discovery well. This is illustrated in the grey and green colors.

The rock type above the helium is impermeable igneous rock which acts as an excellent sealing unit.





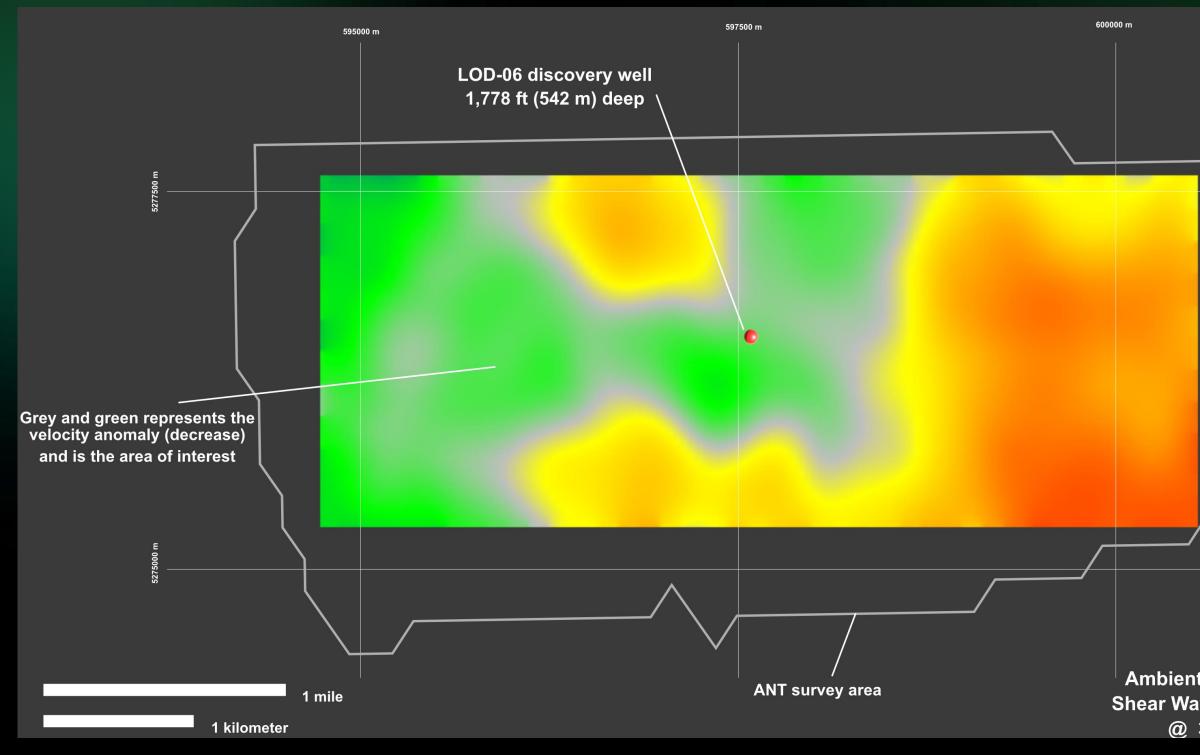


Ambient Noise Tomography (ANT) Shear Wave (Vs) Velocity Model

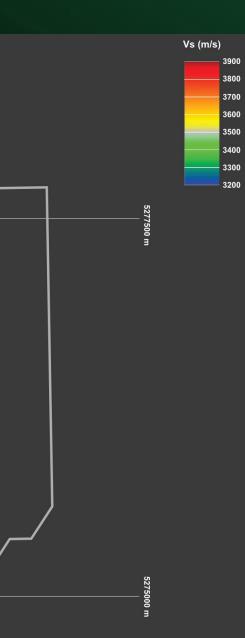
Scale H:V = 1:1*

* Vertical exaggeration of 5 for top surface.

Seismic Survey – plan view (950m depth slice)







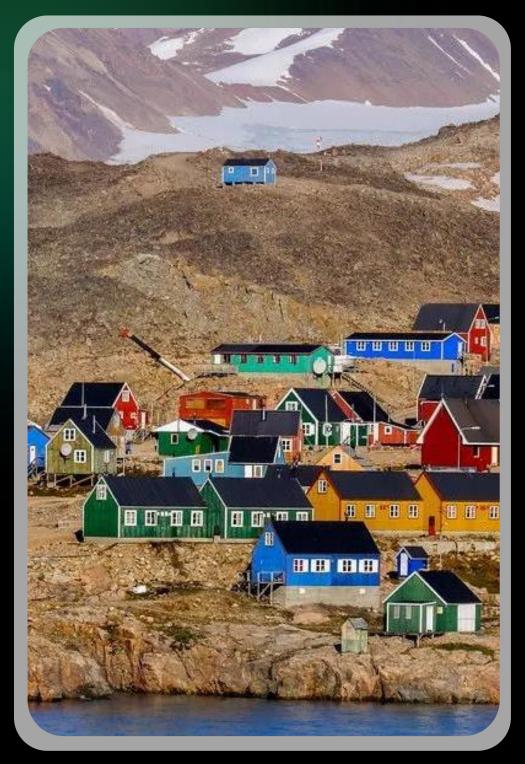
Ambient Noise Tomography (ANT)
Shear Wave (Vs) Velocity Model Slice
@ 3,117 ft (950 m) Depth

This image shows a depth slice of the shear wave velocity anomaly at 3,120ft (951m) depth. This is illustrated in grey and green colors.

The shear wave velocity anomaly extends below the base of the discovery well LOD-6 and is interpreted to represent the lithology which hosts the heliumbearing gas reservoir(s).

The velocity anomaly persists to a depth of approximately 3,750ft (1,143 metres), giving it a vertical thickness of approximately 2,000ft (610 metres) and covers an aerial extent of ~7 square kilometres. It is open to the north and the west.

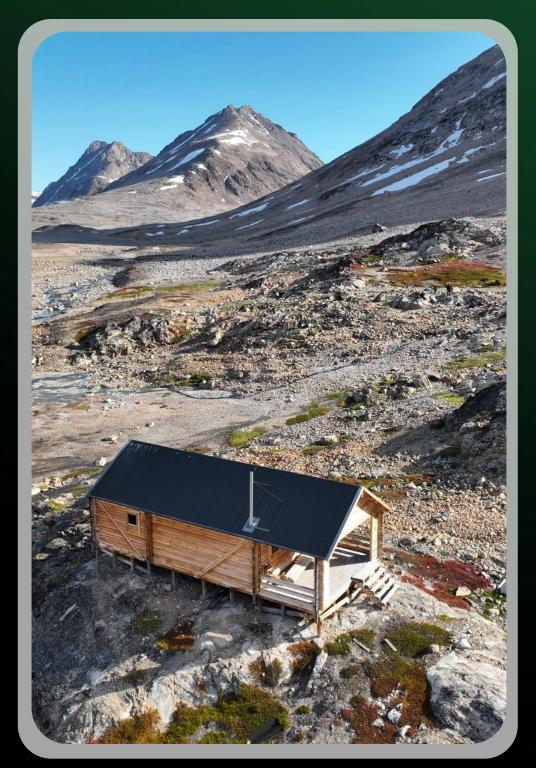




Ittoqqortoormiit, Greenland







2022 sample site



Overview

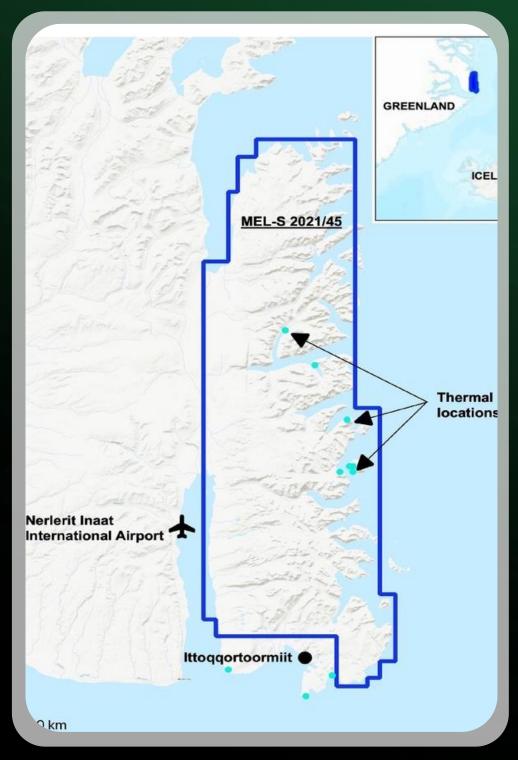
- Helium is on the European Commission's list of critical raw materials¹
- + East coast of Greenland, Europe facing
- Competent Person's Report written by Sproule International Limited (2022) & exploration potential report written by SRK Exploration Services Ltd. (2023)
- + Helium concentrations of up to 0.8% from hot spring sampling²
- Close to the EU market:
 - Shipping to Aarhus, Denmark = ~4 days*

Licence Terms

- + A total licence area of 2,772km²
- Exclusive rights to all mineral resources (including helium and hydrogen), except hydrocarbons and radioactive elements
- The first mineral licence in Greenland to be granted rights for helium and hydrogen



Sources: (1) https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specific-interest/critical-raw-materials_en (2) Analyses conducted by Woods Hole Oceanographic Institute & the University of New Mexico * Distance is ~2,500 kilometers, and a container vessel averages 29.6km/hr. Therefore 2,500 / 29.6 = 84.5 hours



The Tunu licence area



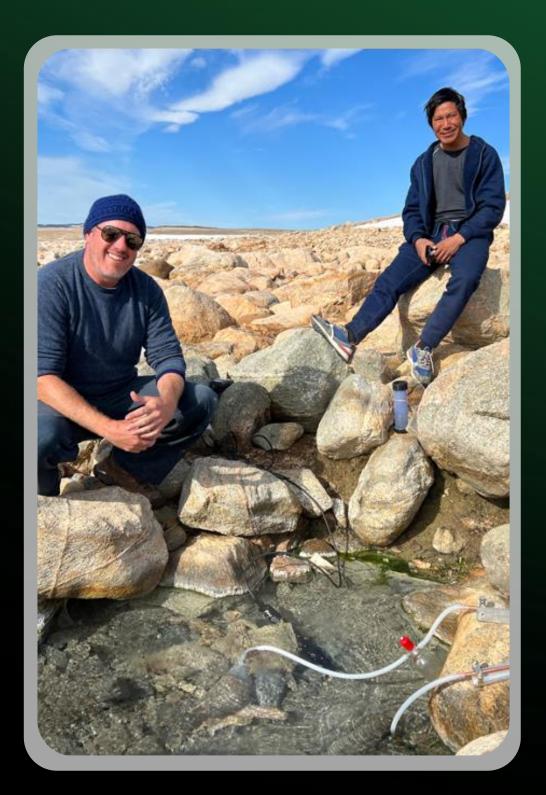
Proposed Field Activities

- + Ambient Noise Tomography (ANT) seismic survey over helium spring localities
- Additional hot spring surface seep sampling
- Resource calculation
- + Assess geothermal energy potential with partners in Iceland

Summary

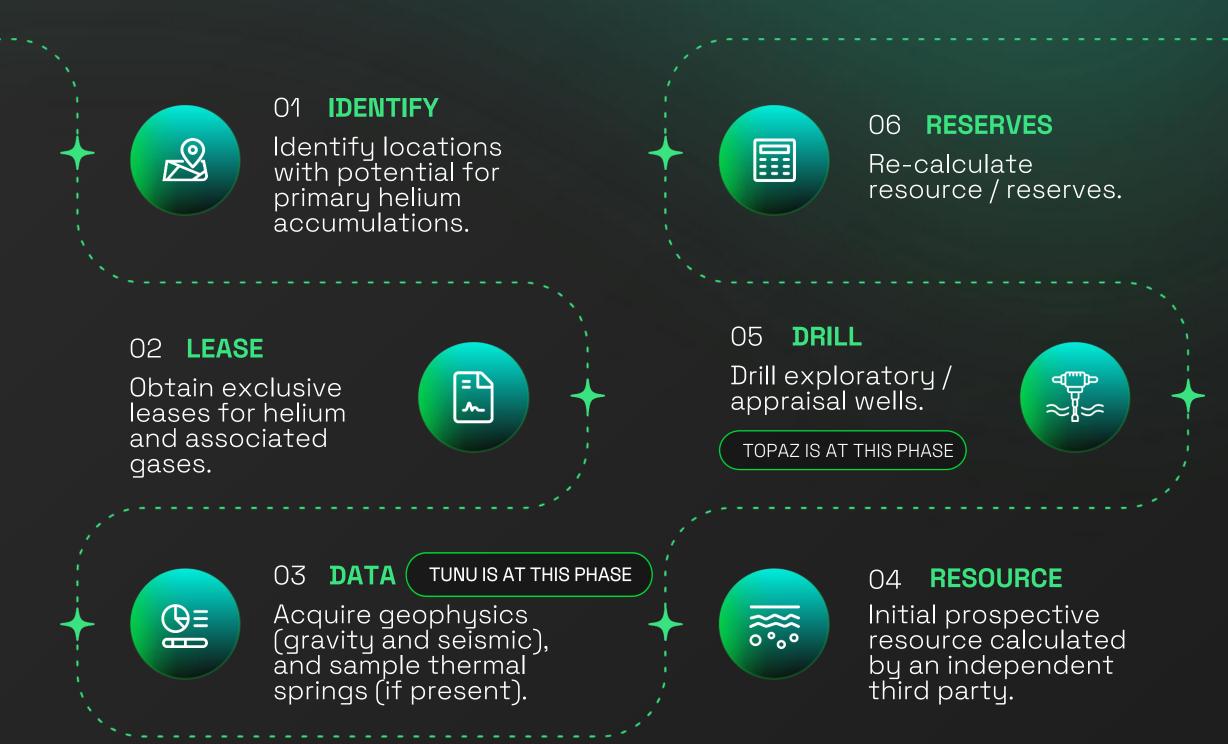
- The results to date justify the theory that East Greenland has the required geology for an active primary helium system
- Economically viable grades of helium are considered by industry to be 0.3% or greater¹
- + Only a small fraction of seeps have been sampled





2022 hot spring sampling







07 **OFFTAKE**

Obtain offtake sale agreements.





08 **PRODUCE**

Design / build production facility. **ESG Commitment**

Primary helium not associated with hydrocarbon production is a significant opportunity to reduce the carbon footprint of a commodity.

Pulsar is committed to being a positive addition to the communities we operate. Applying the highest environmental standards, transparency via consistent dialogue and local job creation.

We have also commenced:

#PulsarScholars

Each quarter, applications are open for the award of a financial bursary to final-year STEM students. Their project must be innovative and align with Pulsar's values of reducing reliance on hydrocarbons,

#Pulsarlqnite

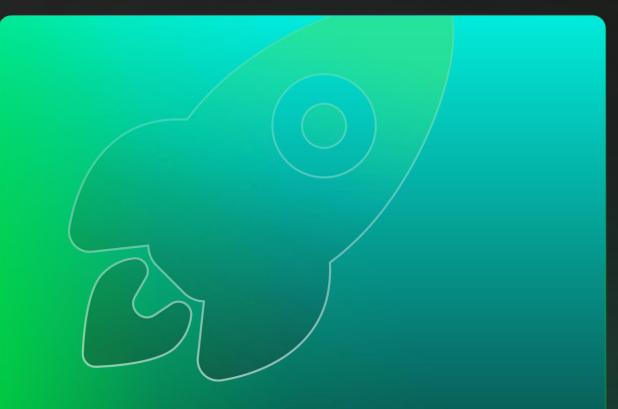
Each month we highlight an industry that utilises helium and give away experiences for lucky participants. Recently, winners attended the London Formula E race, and visited the UK's largest offshore windfarm. Both industries using helium for their manufacturing.

Championship.

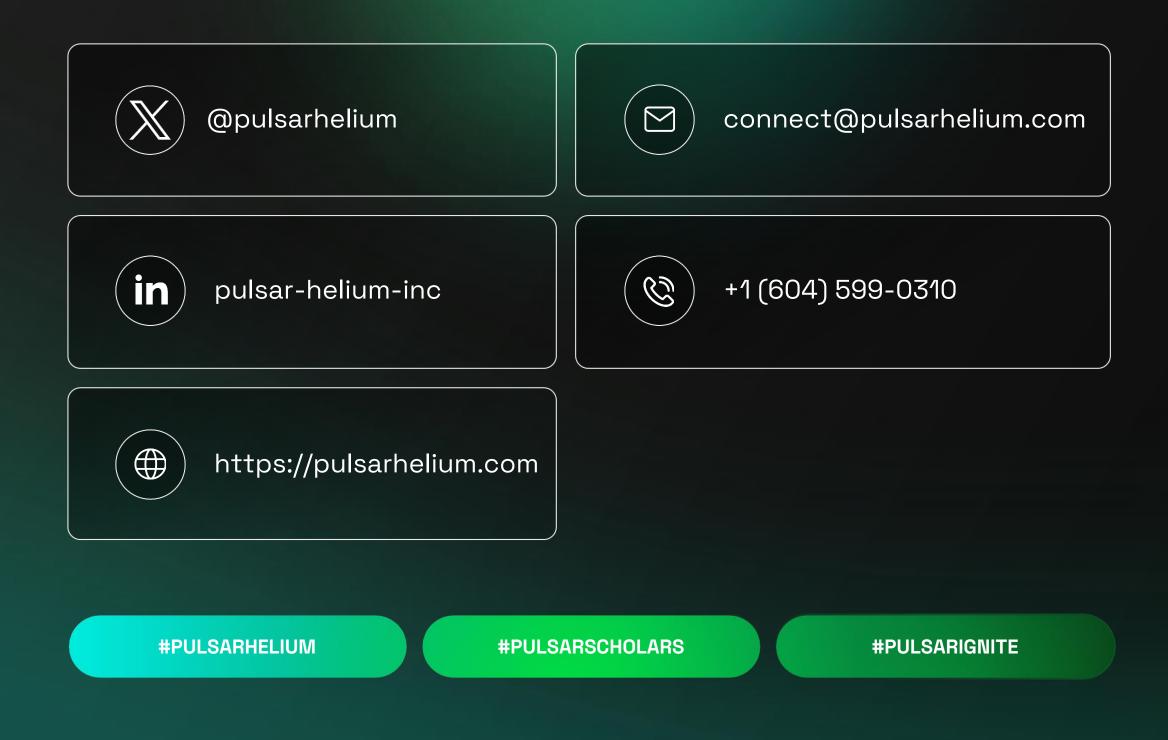








Connect today and join our vibrant community of investors!



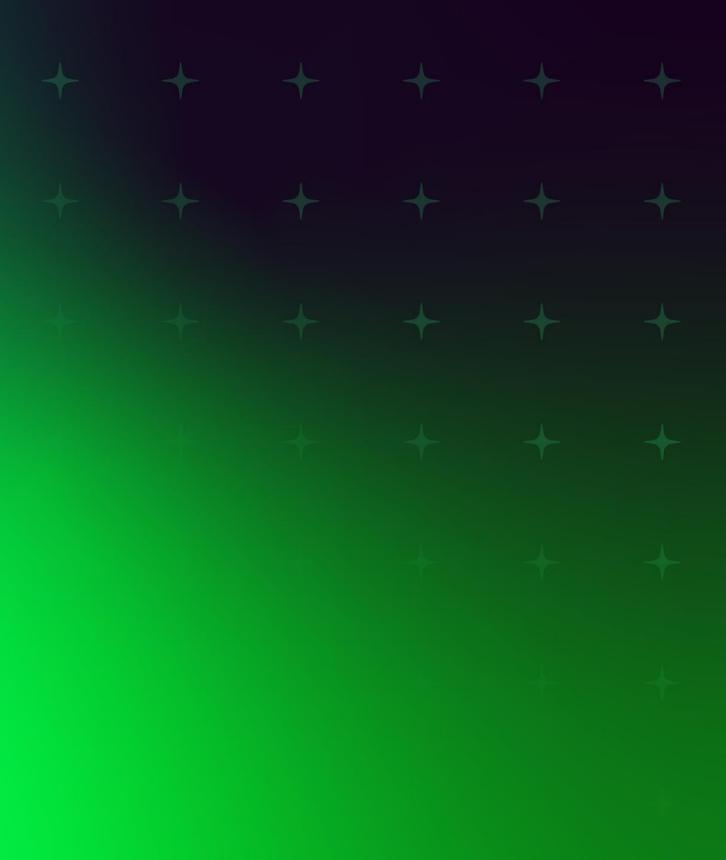


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+ +





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Glossary & Units

Term	Description
Air contamination	Contamination of atmospheric air within a sample
Appraisal well	Exploration well drilled to establish the extent and size of a helium wildcat well
bcf	Billion cubic feet
Concentration	For a gas mixture, concentration refers to the number of gas partic the mixture
Grade-A	Means a grade that is 99.995 percent pure helium, or better by volu
ISO container	An intermodular container, also referred to as a shipping container
Lease	An agreement between a mineral owner (lessor) and a mineral right drill and produce helium and associated gases from the tract of pro will pay a Royalty to the lessor. Also referred to as a "mineral lease"
LNG	Liquified Natural Gas
mcf	Thousand cubic feet
Mineral right	The legal ownership rights to underground mineral resources
Net acre	The minerals in a tract of land may be owned by one or more owner percentage share of the minerals. The "net acres" refers to the less
Reserve	A subcategory of resources, where gas deposits are regarded as te from a geological formation
Resource	Gas deposits that have been considered to be physically present in exploration
Royalty	A percentage share of production, or the value derived from that p
Surface right	The legal ownership rights to land or property



n deposit that has already been discovered by a

cles (percent) of a particular type that exists in

ume

t holder (lessee) permitting the lessee to explore, roperty. Typically, the lease provides that lessee

ers. Each owner may lease its respective ssor's percentage share of the gross acres

echnically and economically feasible to extract

in a geological formation using a method of

production, paid from a producing well