Company Presentation

JUNE 2024

TSXV: PLSR

OTCQB: PSRHF

PULSAR HELIUM INC

The Force in Helium

Legal

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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 pertaining to the Company’s business objectives going forward. No assurance can be given that these expectations will prove to be correct and such 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.

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

Mission Statement

To produce the helium required to sell into the global shortage

First-mover in two new helium friendly jurisdictions. Pulsar's flagship Topaz project has the highest helium content in North America, and its 100% owned Tunu Project in Greenland is one of very few primary occurrences in Europe

Topaz Project

Max. Helium content	Working Interest
14.5%	100%

Appraisal well drilled in 2024
Resource calculation due Q3 2024
Ongoing field activities

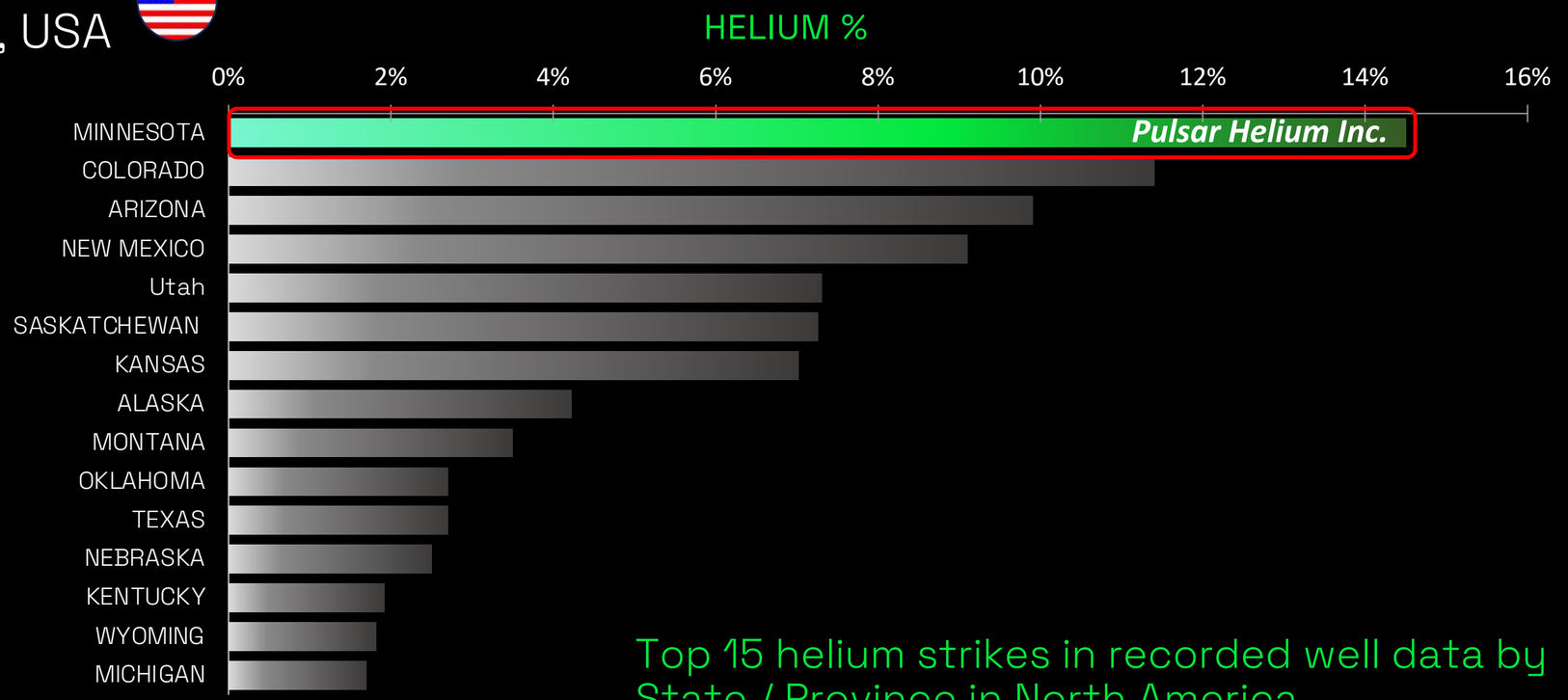
0.3% helium concentration or higher is considered economically significant[1]

Source: [1] Refer to slide 27

Competitive Advantages

The Topaz helium project is in the top tier of listed companies for primary helium discoveries

Topaz Project
Minnesota, USA



Top 15 helium strikes in recorded well data by State / Province in North America

Source: Edelgas Group

Corporate Snapshot

CAPITAL STRUCTURE

TSXV (Canada) TICKER	PLSR
OTCQB (USA) TICKER	PSRHF
SHARE PRICE (TSXV CLOSE, JUNE 10, 2024)	C$0.99
ISSUED SHARE CAPITAL	104.5 M
WARRANTS	18.4 M
OPTIONS	9.3 M
PSUs	4.0 M
FULLY DILUTED	136.2 M
BASIC MARKET CAPITALIZATION	C$103.5 M
CASH	C$3 M

SHAREHOLDER BASE

ABCRESCENT B.V.	15%
NEIL HERBERT (EXECUTIVE CHAIRMAN)	12%
THOMAS ABRAHAM-JAMES (PRESIDENT & CEO)	12%
OTHER FOUNDING SHAREHOLDERS	23%
PUBLIC SHAREHOLDING FLOAT	38%

46% of issued share capital is subject to escrow

TSXV: PLSR

Pulsar listed on the TSX Venture Exchange in Canada on August 15, 2023 via initial public offering (IPO)

OTCQB: PSRHF

Pulsar was accepted on the OTCQB in the USA on March 20, 2024, and obtained DTC eligibility on April 16, 2024

Board of Directors

Thomas Abraham-James — Co-founder, President & CEO

- Corporate executive and chartered geoscientist
- Co-founder & former managing director of Helium One Global Ltd (LSE: HE1)
- 18+ years in mineral resources (10 years in helium)

Doris Meyer — Independent Director

- Financial professional & corporate executive
- Non-executive with TSXV:AZR, NSU & PEAK
- 40+ years in mineral resources

Brice Laurent — Independent Director

- Financial professional & corporate executive
- Represents ABCrescent B.V. as an investor nominee on the board of Pulsar
- Former investment banker with Morgan Stanley
- 13+ years in finance

Neil Herbert — Co-founder & Executive Chairman

- Corporate executive & accountant
- Former chairman of Helium One Global Ltd (LSE: HE1) and current chairman of Atlantic Lithium (LSE: ALL)
- 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 (ASX: LKE)
- 30+ years in mineral resources

Management

Josh Bluett

Co-founder, Technical Manager

- Geologist
  Co-founder & former technical director of
- Helium One Global Ltd (LSE: HE1)
  Formerly with d Armour Energy, and AWT
- International
  15+ years in oil & gas (10 years in helium)

Michael Sturdy

General Manager - Operations

- 17+ years of project management and geologist experience in the upstream oil & gas industry
- Formerly with ConocoPhillips, SM Energy, BG Group, and Armour Energy

Marc Farrington

Public Outreach & Partnerships

- Founder of multiple digital IPs inc. the 'IWS' eSports platform, now partnered with Warner Bros Discovery
- Established multiple cooperative partnerships with blue chip leaders inc: Samsung, Red Bull, Twitch and many more

Dan O'Brien

Chief Financial Officer

- Member of the Institute of Chartered Professional Accountants of British Columbia
- CFO for several private and publicly listed exploration companies trading on the TSXV

Hans Jensen

Project Manager - Greenland

- 10+ years of project management experience
- 30 years' experience in Greenland
- Former Managing Director of Dundas Titanium A/S

Ben Meyer

Corporate Secretary

- Corporate Secretary to the Company and Corporate Secretary for a number of publicly listed exploration companies trading on the TSXV

Uses – it is not about party balloons

Helium is critical the technology of today, and the future

Semiconductors [1]

Used in the manufacturing process of semiconductors (computer chips).

Modular Helium Reactors [2]

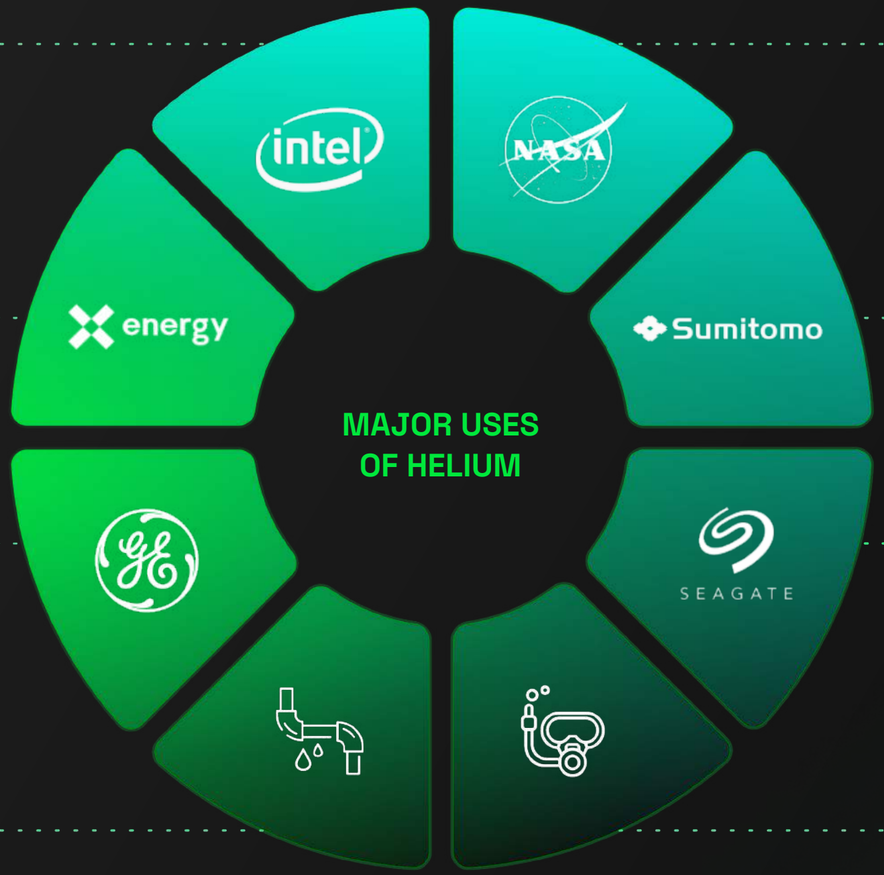
Helium transfers heat from the reactor to a steam generator, producing electricity.

MRI Scanners [3]

Helium chills the copper coil into superconducting state for continuous high magnetic field operation.

Leak Detection [4]

Due to being small and inert, helium detects microscopic leaks – essential for aerospace and engineering.



Spacecraft [5]

An inert purge gas for hydrogen systems and pressurizing agent.

Fiber-optics [6]

Made in a pure-helium environment to prevent air bubbles in cables.

Hard-Drives [7]

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

Deep Sea Diving [8]

Helium in a technical diving air mix reduces breathing resistance and nitrogen narcosis on deep dives.

Sources: [1, 2, 3, 4, 5, 6, 7 8 8] Refer to slide 27

Pricing – significant growth

>100x the value of natural gas

638% Price Increase

for Grade-A gaseous helium since the year 2000[1]

Two helium products

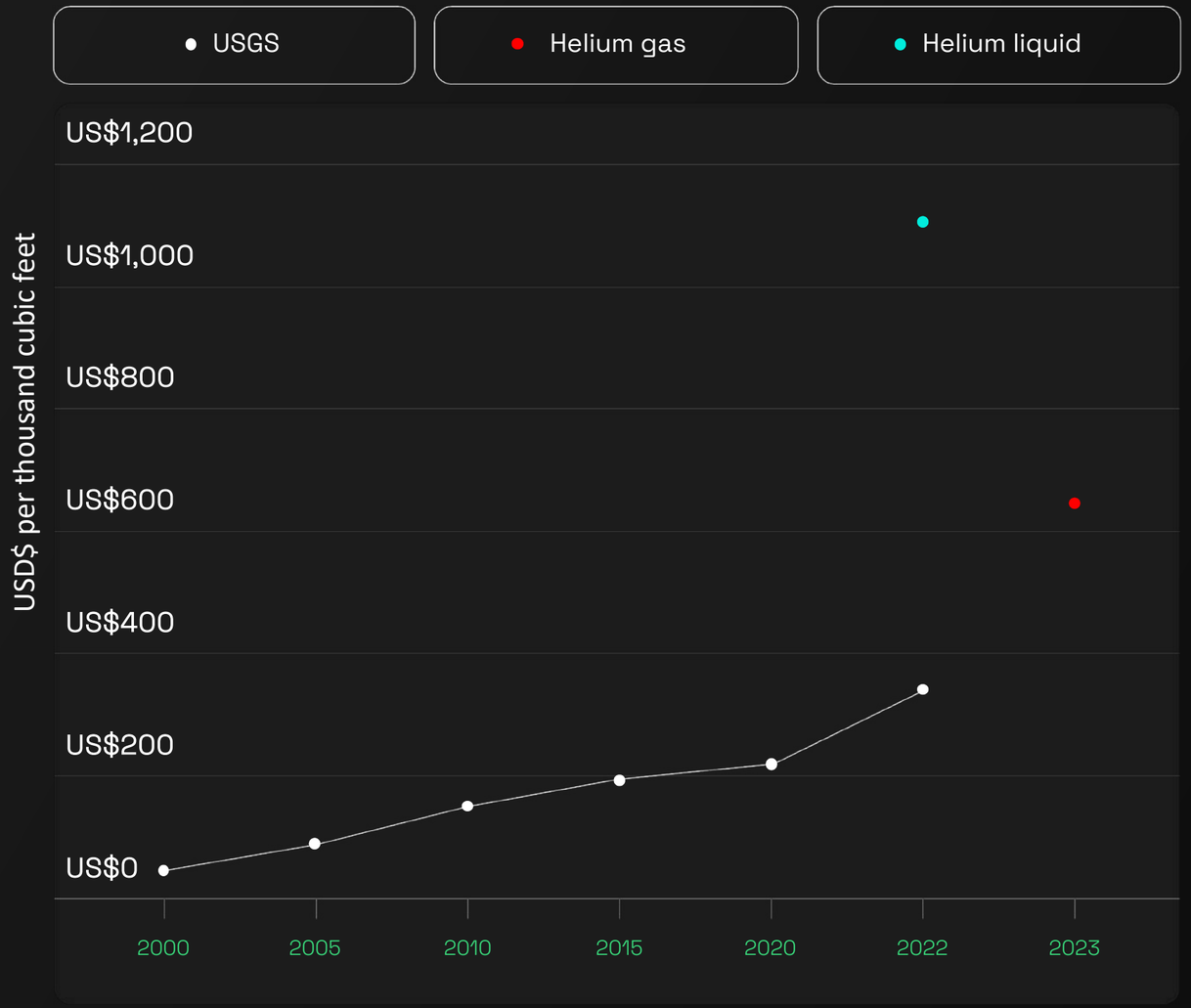
Liquid helium: most valuable product, used by tech industry
Gaseous helium: 99.9% or above purity

Liquid helium pricing

2022 off-take with NASA valued the liquid helium and ancillaries at ~US$1,100 per Mcf[3]

Gaseous helium pricing

2023 off-take valued at US$625 per Mcf of Grade-A gaseous helium[2]

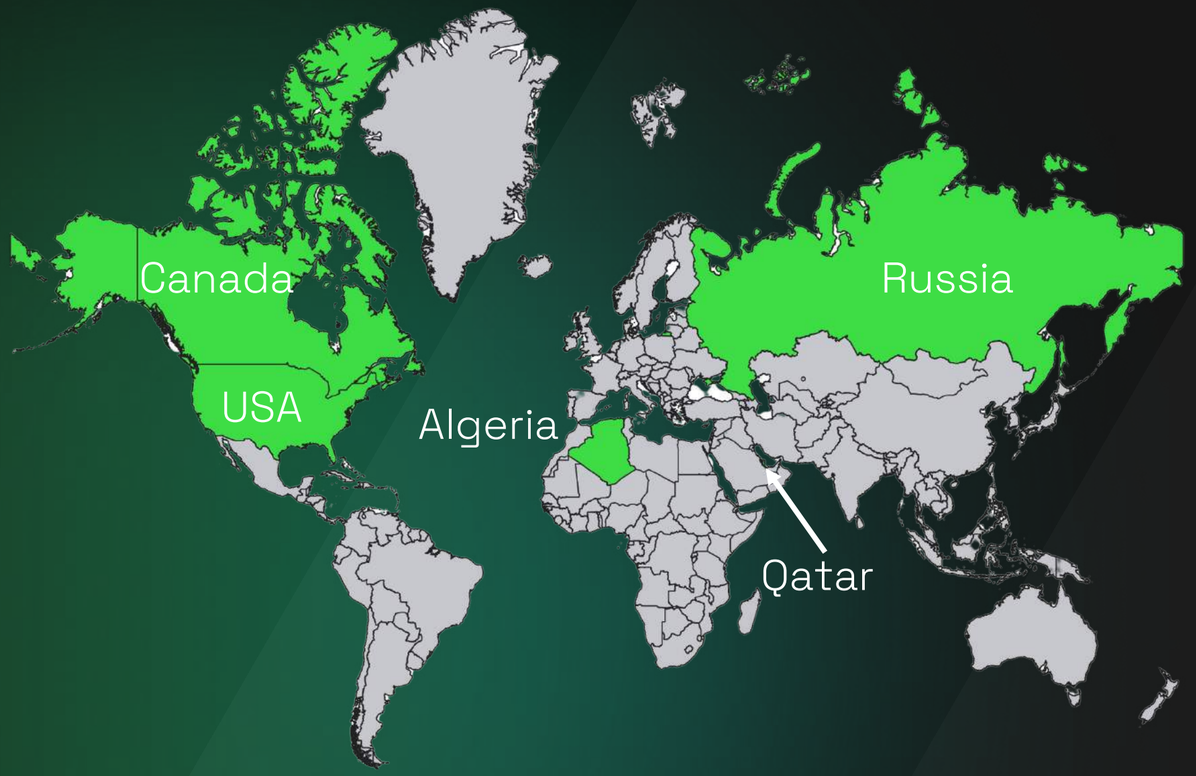


Sources: [1,2&3] Refer to slide 27

Supply – USA in decline

Global helium supply has been constrained for the past decade

The world's big helium producers:



USA PRODUCTION IS IN SIGNIFICANT DECLINE DUE TO AGEING GAS FIELDS AND THE SALE OF THE FEDERAL HELIUM RESERVE

- The USA Federal Helium Reserve is near depletion and was privatized in 2024, this was the world's only large primary helium reserve – the flywheel in the system
- Exxon Mobil (USA) stands as the most reliable source
- Algerian supply is influenced by Europe's varying LNG demand
- Qatar is overshadowed by geopolitical risk
- Russian supply not coming to North America anytime soon

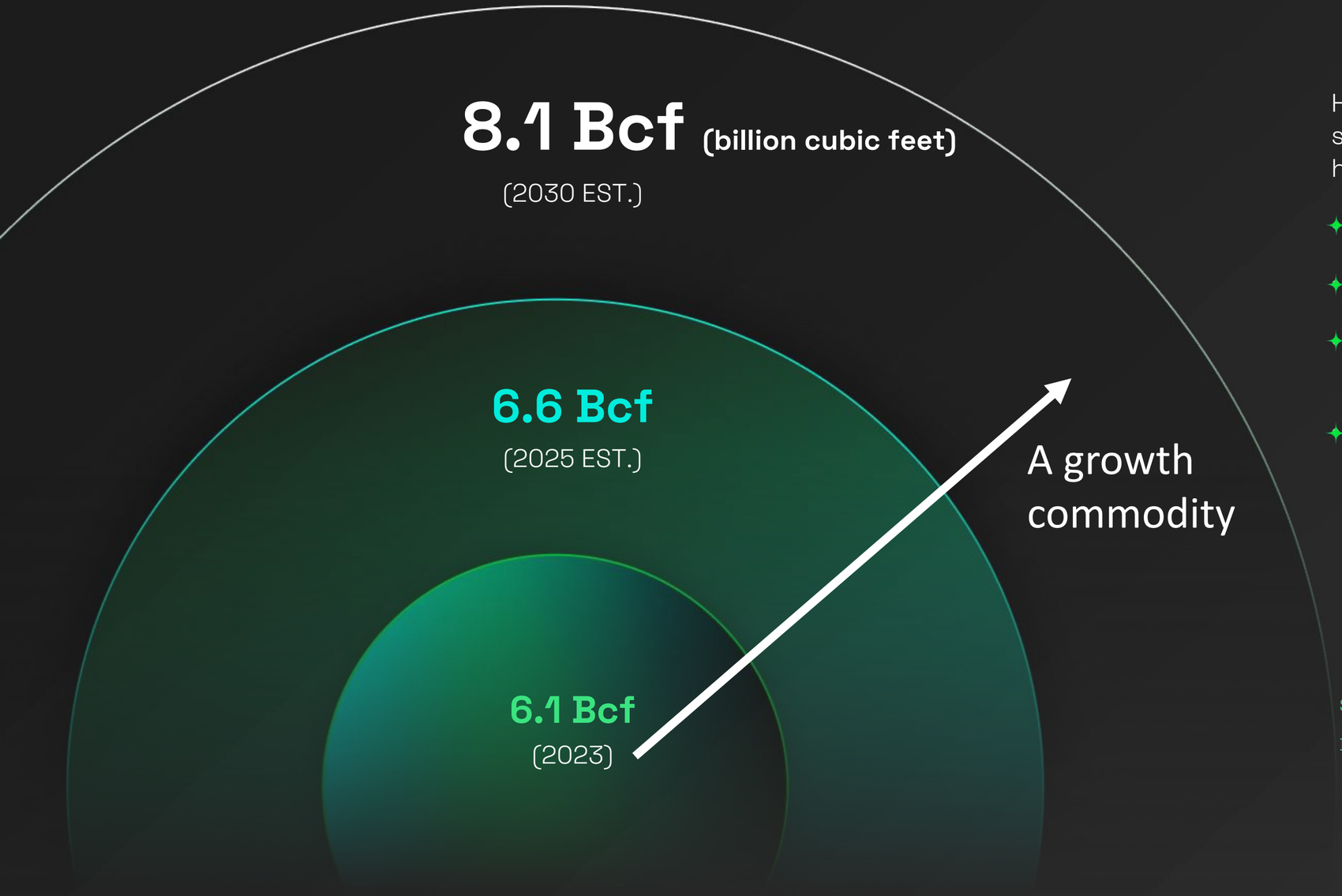
To the end user, reliability and sustainability of any supply outweigh price and volume.

Source: Edelgas Group

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

Demand – constrained by supply

Global helium supply has been constrained for the past decade; not all end-users are receiving their full allocation



Helium is often not something that can be substituted for another product. This is due to helium's unique properties, which are:

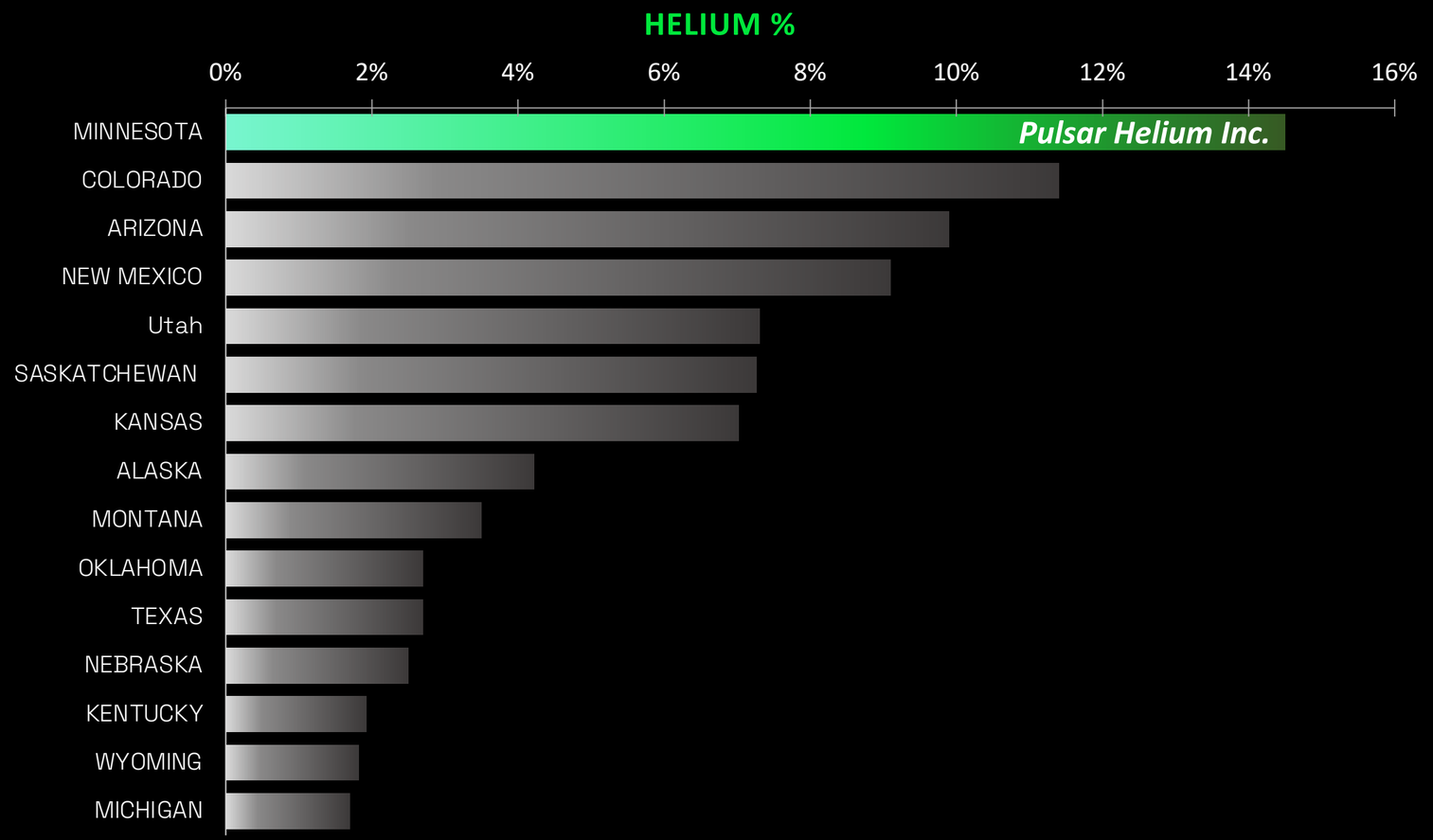
- Inert
- A liquid at -269°C (-452.2 °F)
- The boiling and freezing points are lower than those of any known substance
- Cannot be solidified by sufficient cooling at atmospheric pressure

Source: Edelgas Group

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

Topaz Project, a world-class discovery

Top 15 helium strikes in recorded well data by State / Province in North America



Source: Edelgas Group

14.5%

Maximum helium content drilled and flowed at Pulsar's Topaz Project in Minnesota*

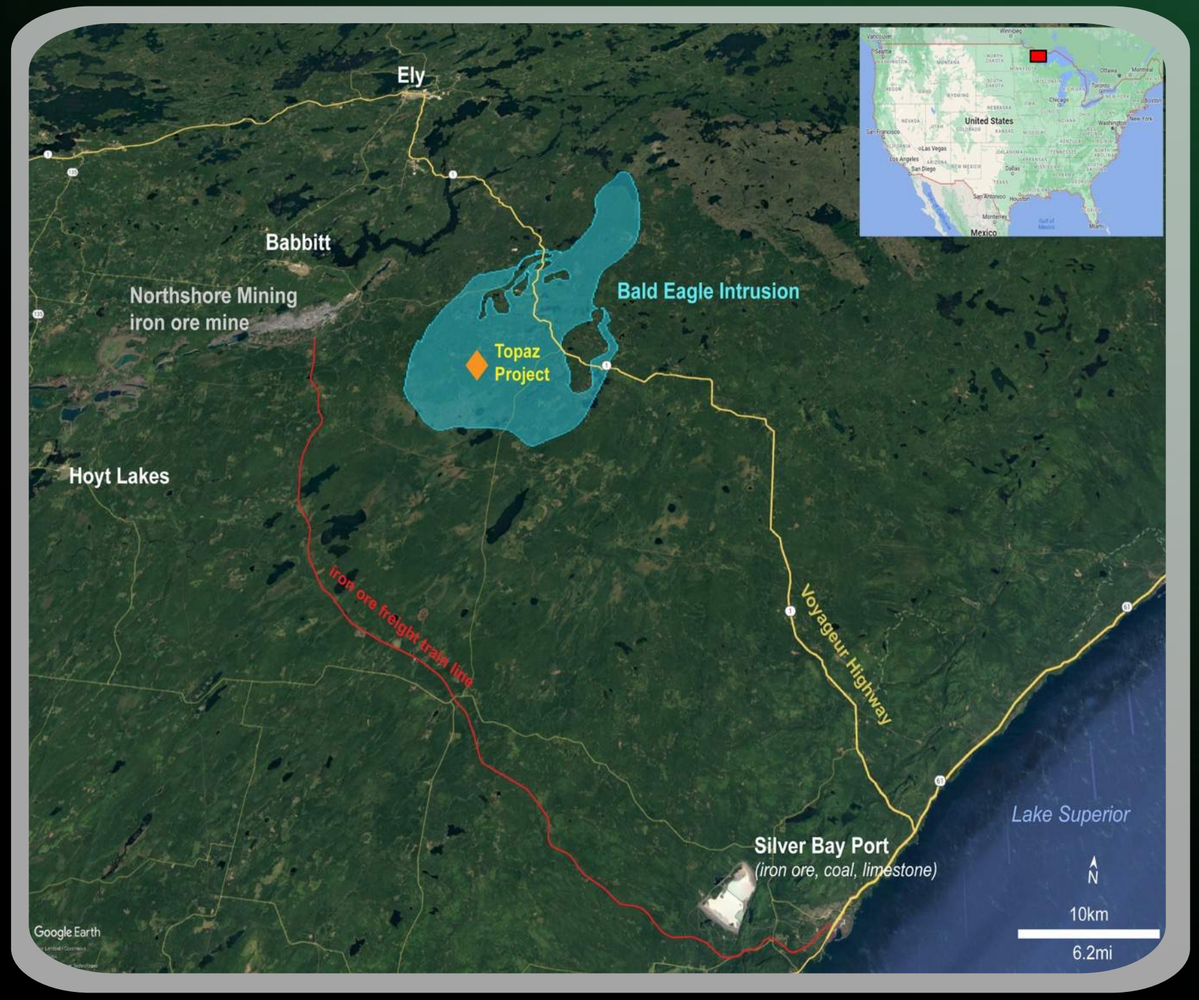
>0.3%

helium concentration is considered economically significant[1]

* Refer to Pulsar News Release dated June 6, 2024

Topaz - Location, location, location

- Located in Lake County, northern Minnesota.
- The State of Minnesota passed new helium-specific legislation in May 2024, giving certainty moving forward.
- Natural resources have been the backbone of the local economy for 150 years.
- Grid power nearby (the only consumable required for helium production).
- Next to the Voyageur Highway that leads to Duluth (125 km / 78 mi) and Minneapolis (380 km / 236 mi).
- Liquid helium is transported in 40’ containers that are moved by truck or vessel.
- Private mineral rights over 2,089 net acres, with an exclusive option for 2,092 additional net acres. Applications for mineral right leases also submitted with the State of Minnesota and additional private holders.



Topaz location map

Topaz - Jetstream #1 appraisal well

The first dedicated helium well drilled in Minnesota, designed to replicate the original discovery made in 2011

The original discovery was a mineral exploration hole that encountered gas by chance, with a reported content of 10.5% helium. Jetstream #1 was drilled 50ft (15m) away and is a successful appraisal (proof of concept)

- Drilled in Feb ‘24 to a total depth (TD) of 2,200 feet (671 meters) - open at depth
- Helium and associated gases flowed naturally to surface in a free gas phase
- Flow testing recorded a maximum rate of 821 Mcf per day (23,248 m^3 per day) under well-head compression
- Bottom hole-pressure of 162 psi (1,117 kpa), flowing tubing head pressure of 20 psi (138 kpa) on a 1” choke
- Laboratory results confirm helium concentrations between 8.7–14.5%
- Fractured basement-style reservoir

Pulsar President and CEO, Thomas Abraham-James, stated:

“The results of the Jetstream #1 flow test and laboratory analysis confirm a major new helium discovery, putting Topaz in the top tier of global primary helium projects.”

Drilling Jetstream #1

Topaz - Jetstream #1 appraisal well

February 2024

Topaz - Jetstream #1, knowledge learned

Insights into reservoir characteristics are significant

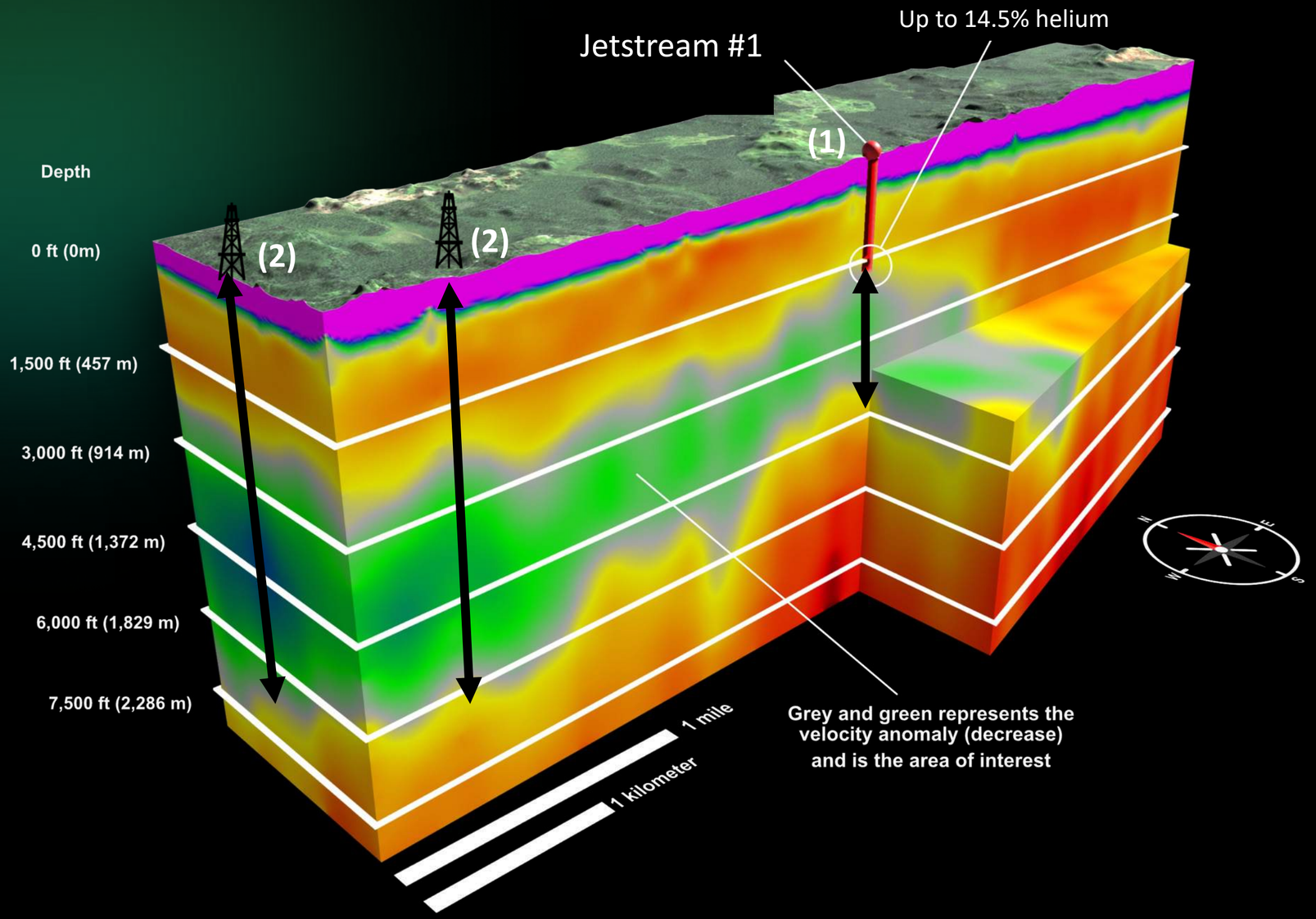
Reservoir Insights

- Downhole logging (optical televiewer & vertical seismic profile) data supports a preliminary interpretation that the passive seismic highlights a gas-charged fracture system which extends vertically and laterally from Jetstream #1. Giving potential for large prospective rock volume, to be the target of future drilling. Additional seismic acquisition is proposed.

- The gas-charged zone exhibits no evidence of formation water.

- The helium content is very high. This has significant implications:
  - Less overall gas in place required to support a large commercially viable resource,
  - Less gas required to be processed per Mcf of helium produced in comparison to gas streams containing lower helium content. Likely to see commercial efficiencies in plant capital and operating costs.

Topaz - Building on our success



Existing seismic data indicates that the helium-rich, gas charged fracture sets correlate with a velocity decrease (displayed in green).

Now that proof of concept is confirmed, the objective is to drill additional wells to contribute to any potential production facility and prove up the resource size.

We aim to achieve this by:

(1) Deepening Jetstream #1 by a further ~700m, and

(2) Drill two wells targeting step-out intersections of the helium bearing fracture system (locations to be determined).

Topaz - the CO_2 opportunity

The USA has been experiencing a CO_2 shortage and Minnesota is an importer

CO_2 content at Jetstream #1 is very high (up to 71.3%) and has the potential to be a significant value add, with prices surging up to U$600 per ton (US$28 per Mcf) for bulk purchases[1]

Uses

Beverages: to carbonate drinks.

Medical: during surgeries such as endoscopy, laparoscopy and arthroscopy. Also mixed with other gases for breathing.

Potable water treatment: used to reduce the pH level, forming carbonic acid (H_2CO_3) when dissolved in water.

Food preservation: controlled atmosphere for storage and transportation. It is also used to extend the shelf life of dairy and baked products.

The Shortage

There are multiple contributing factors: (1) Jackson Dome: a geological deposit in Mississippi that has become increasingly contaminated with hydrocarbons. This requires more cleanup which has slowed production., (2) Ammonia production: CO_2 is a byproduct of ammonia production. Summertime plant closures for maintenance further exacerbate supply woes, and (3) Increased demand: in particularly for dry ice for shipping, and enhanced oil recovery, without sufficient new sources coming online.

Source: [1] Refer to slide 27

Topaz - making the headlines

Pulsar Helium's Jetstream well roars

JUNE 1, 2024 / CONVERSATIONS

LAKE COUNTY PRESS

MINNESOTA **Published** March 3, 2024 10:50am EST

Helium discovered in Minnesota as US supplies dwindle

FOX BUSINESS

Helium has applications in medical, tech, defense industries

BUSINESS

"A dream. It's perfect": Helium discovery in northern Minnesota may be biggest ever in North America

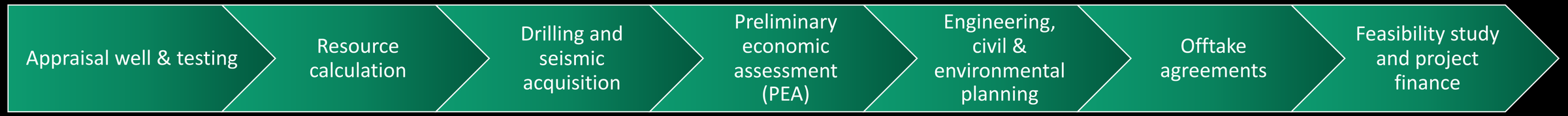
WCCO NEWS

By Jonah Kaplan
Updated on: February 29, 2024 / 9:06 PM CST / CBS Minnesota

Topaz - short pathway to production

Successful appraisal (proof of concept) at Topaz has given the encouragement to realize production potential

Work completed to date is just the tip of the iceberg. The proposed work program consists of steps that are intended to determine and increase the volume of the gas reservoir, increase its size, and increase daily helium production potential. All proceeding well, this is anticipated to culminate in a feasibility study and final investment decision for plant build.



Completed June ‘24

Anticipated July ‘24

Planning underway

Q3-Q4 2024 >>

2025

NEW LEGISLATION

Minnesota signed new helium legislation into law in May ‘24

CONSOLIDATION

Lodged with the State and private mineral right owners

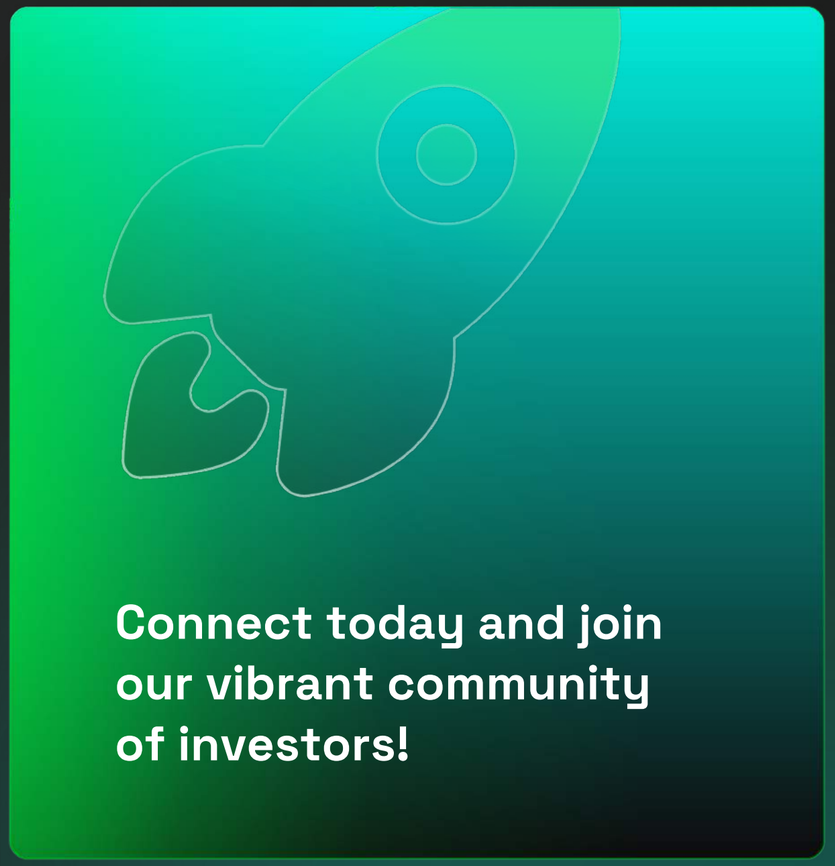
RESOURCE / RESERVE CALCULATION

Conducted by Sproule, expected to be completed in July ‘24

FURTHER DRILLING AND SEISMIC

Ongoing activities to build upon success

Contact



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Appendix

Roadmap to success

01 **IDENTIFY**

Identify locations with potential for primary helium accumulations.

02 **LEASE**

Obtain exclusive leases for helium and associated gases.

03 **DATA** TUNU IS AT THIS PHASE

Acquire geophysics (gravity and seismic), and sample thermal springs (if present).

04 **RESOURCE**

Initial prospective resource calculated by an independent third party.

05 **DRILL**

Drill exploratory / appraisal wells.

TOPAZ IS AT THIS PHASE

06 **RESERVES**

Re-calculate resource / reserves.

07 **OFFTAKE**

Obtain offtake sale agreements.

08 **PRODUCE**

Design / build production facility.

Tunu Project - overview

First mover in Greenland, the first to obtain a licence for helium and hydrogen

On the European Commission's list of critical raw materials

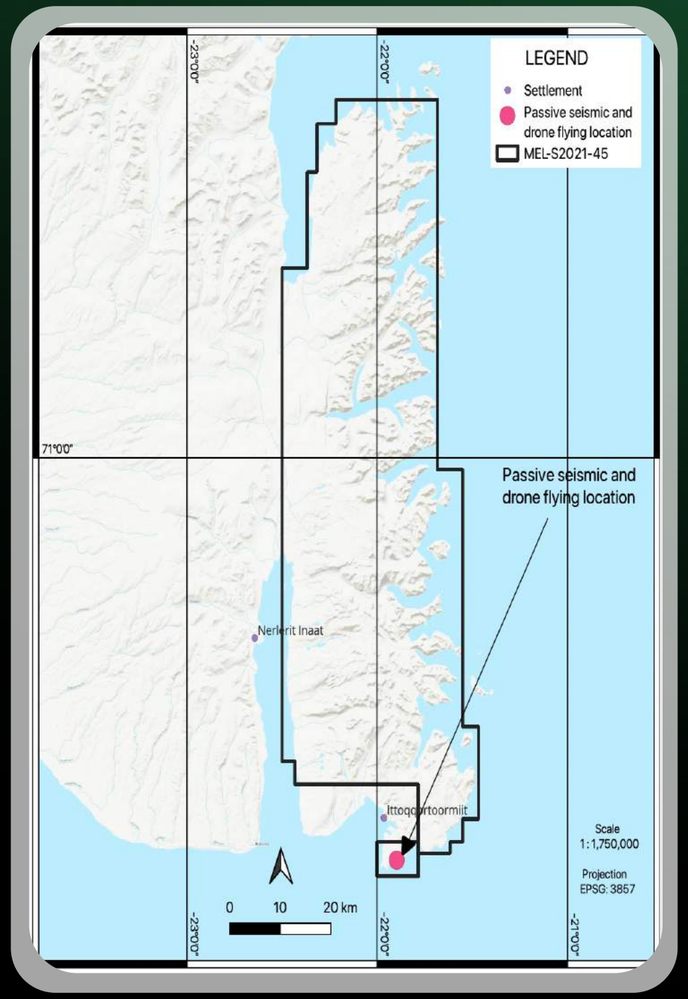
Overview

- 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 sampling
- Close to the EU market:

  Shipping to Aarhus, Denmark = ~4 days*

Licence Terms

- A total licence area of 2,816km^2 (~685,000 acres)
- Exclusive rights to all mineral resources (including helium and hydrogen), except hydrocarbons and radioactive elements



The Tunu licence area

* Distance is ~2,500 kilometers, and a container vessel averages 29.6km/hr. Therefore 2,500 / 29.6 = 84.5 hours

Field activities

Proposed 2024 Field Activities

- Ambient Noise Tomography (ANT) passive seismic survey
- Drone geothermal and aeromagnetic surveys

  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
- Potential for funding from the European Commission, helium is on the critical raw material list and geothermal energy may benefit the local community

2022 hot spring sampling

Glossary and 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 deposit that has already been discovered by a wildcat well
Bcf	Billion cubic feet
Concentration	For a gas mixture, concentration refers to the number of gas particles (percent) of a particular type that exists in the mixture
Grade-A	Means a grade that is 99.995 percent pure helium, or better by volume
ISO container	An intermodular container, also referred to as a shipping container
Lease	An agreement between a mineral owner (lessor) and a mineral right holder (lessee) permitting the lessee to explore, drill and produce helium and associated gases from the tract of property. Typically, the lease provides that lessee will pay a Royalty to the lessor. Also referred to as a ”mineral lease”
LNG	Liquified Natural Gas
Mcf	Thousand cubic feet
MMcf	Million 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 owners. Each owner may lease its respective percentage share of the minerals. The ”net acres” refers to the lessor’s percentage share of the gross acres
Reserve	A subcategory of resources, where gas deposits are regarded as technically and economically feasible to extract from a geological formation
Resource	Gas deposits that have been considered to be physically present in a geological formation using a method of exploration
Royalty	A percentage share of production, or the value derived from that production, paid from a producing well
Surface right	The legal ownership rights to land or property

References

Slide	Reference(s)
3	[1] https://repository.mines.edu/handle/11124/172822
9	[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/guide-to-helium-leak-testing/ [5] https://www2.jpl.nasa.gov/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-sea-diving/#:~:text=Benefits%20of%20helium%20for%20divers&text=In%20some%20dives%2C%20both%20nitrogen, surface%2C%20without%20suffering%20decompression%20sickness.
10	[1] https://www.usgs.gov/centers/national-minerals-information-center/helium-statistics-and-information [2] https://royalheliumltd.com/investors/corporate-presentation/ [3] https://www.nasa.gov/press-release/nasa-awards-contract-for-liquid-helium-acquisition-at-kennedy
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