

AIM / TSXV: PLSR

OTCQB: PSRHF



Corporate Presentation

November 2024



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This presentation contains forward-looking statements and forward-looking information within the meaning of applicable securities laws (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, statements relating to the deepening of Jetstream #1 to assess the full height of the reservoir and the anticipated timing of helium and CO2 resource updates and a development report including a NPV and IRR analysis. Forward-looking statements are based on a number of assumptions made by management of the Company, including, but not limited to, the Company's capital cost estimates, management's expectations regarding the availability of capital to fund the Company's future capital and operating requirements and the ability to obtain all requisite regulatory approvals. 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. Forward-looking statements 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: Pulsar may be unsuccessful in drilling commercially productive wells; the helium gas concentrations are not necessarily indicative of long-term performance, nor long-term results; drill costs may be higher than estimates, and 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.

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A multi-project helium development company

- ✦ First-mover advantage in two new helium districts
- ✦ Flagship Topaz project in Minnesota, USA was drilled and flowed world-class helium concentrations, up to 14.5% (>0.3% helium is potentially economic¹)
- ✦ CO₂ at Topaz is a potential value-add due to ongoing shortage in the USA
- ✦ Tunu project in Greenland is one of very few primary helium occurrences in Europe
- ✦ Helium is a critical commodity to multiple technology focused industries that have been heavily impacted by changing demand/supply dynamics
- ✦ Highly incentivised management, owning c.37% of the issued share capital



CORPORATE SNAPSHOT



CAPITAL STRUCTURE

AIM (UK) and TSXV (Canada) TICKER	PLSR
OTCQB (USA) TICKER	PSRHF
SHARE PRICE (TSXV CLOSE, NOV 14, 2024)	GBP£0.26
ISSUED SHARE CAPITAL	126.6 M
WARRANTS	20.2 M
OPTIONS	8.8 M
PSUs	4.0 M
FULLY DILUTED	159.5 M
BASIC MARKET CAPITALIZATION	GBP£32.9 M
CASH	GBP£3.7 M

SHAREHOLDER BASE

ABCRESCENT B.V.	12%
NEIL HERBERT (EXECUTIVE CHAIRMAN)	10%
THOMAS ABRAHAM-JAMES (PRESIDENT & CEO)	10%
OTHER FOUNDING SHAREHOLDERS	19%
PUBLIC SHAREHOLDING FLOAT	49%

37% of issued share capital is subject to escrow until February 2027

AIM: PLSR



Pulsar began trading on London's AIM Exchange on the 18th of October 2024

TSXV: PLSR



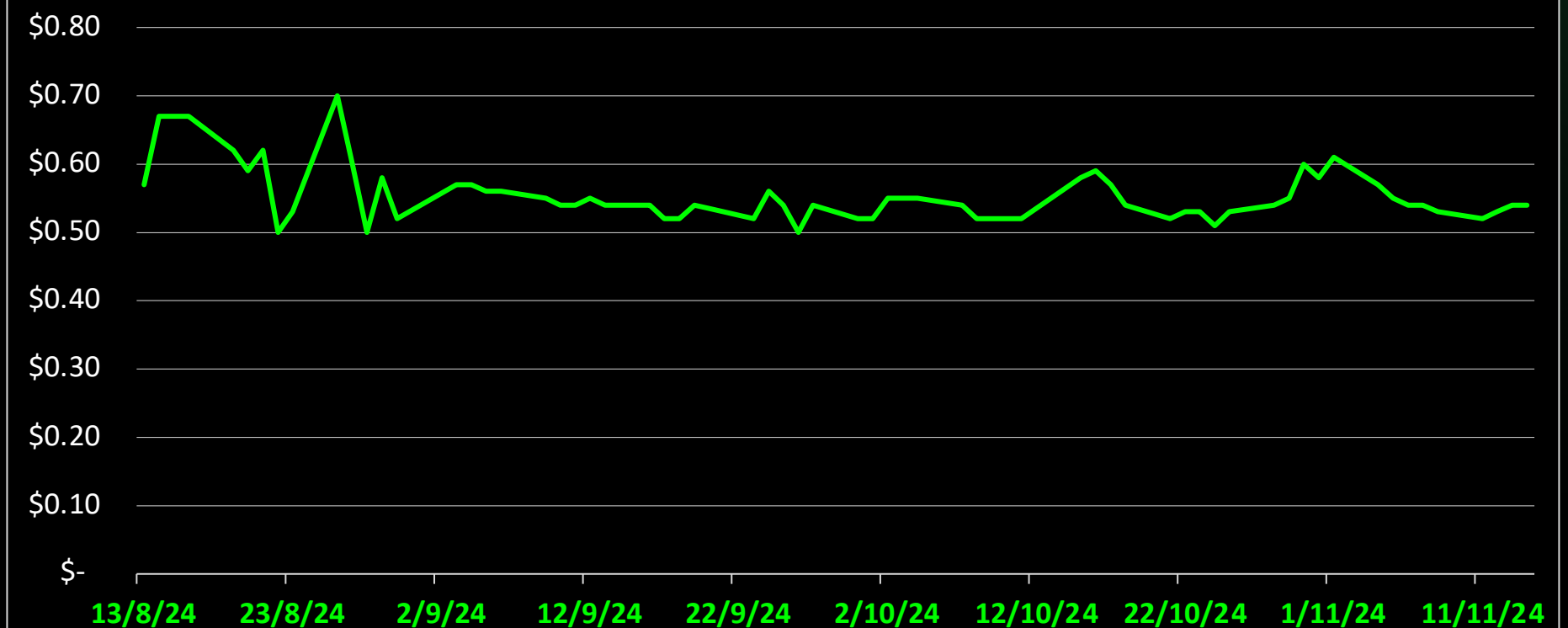
Pulsar listed on the TSX Venture Exchange in Canada on the 15th of August 2023 via initial public offering (IPO)

OTCQB: PSRHF



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

TSXV 3 month chart



BOARD OF DIRECTORS



Thomas Abraham-James Co-founder, President & CEO



Tom is a seasoned geologist with 17 years of experience specializing in the discovery and development of pure play helium projects across North America, Africa, and Europe. He is a pioneer in helium exploration methodologies, co-founded and the first CEO of Helium One Global Ltd, and co-authored several influential publications, including "The Principles of Helium Exploration." Tom is a Fellow of the Australasian Institute of Mining and Metallurgy, the Geological Society of London (FSL), and the Society for Economic Geologists (FSEG).

Neil Herbert Co-founder & Executive Chairman



Neil is an investor and leading executive with over three decades of experience leading and advising companies from start-up through IPO development and over US\$ 3 billion of M&A activity. Neil joined the natural resource sector with Antofagasta in the 1990s during its transformation into the one of the world's largest copper producers and has decades of experience building successful natural resource companies.

Dan O'Brien Executive Director & CFO



Dan is a Chartered Professional Accountant with 20 years of experience working with public companies in the resource industry. Dan began his career as a senior manager at a leading Canadian accounting firm where he specialized in the audit of public companies in the mining and resource sector before moving into the private sector where he has held the office of Chief Financial Officer of a number of publicly traded mineral exploration companies.



Doris Meyer Non-Executive Director

Doris is an experienced mining industry professional having held directorship positions with several mineral exploration companies trading on the AIM, TSX and TSX Venture stock exchanges. She founded Golden Oak, which provides publicly traded mineral exploration companies with administrative, financial reporting and corporate compliance services. Doris is a past member of the Institute of Chartered Professional Accountants of British Columbia.



Jon Ferrier Non-Executive Director

Jón is a seasoned geologist with over three decades of experience in the oil, gas, and mining sectors. His extensive international career spans technical, commercial, and various managerial and leadership roles. Formerly the CEO of Gulf Keystone Petroleum Limited, Jón has also held positions at blue-chip companies such as Anglo American plc, Maersk Oil, ConocoPhillips, Paladin Resources plc, and Petro-Canada/Suncor. He holds an MSc in Mineral Exploration from the Royal School of Mines.



Stu Crow Non-Executive Director

Stu is a financial services professional with over 35 years of experience in the natural resources sector, spanning investment, fundraising, and board responsibilities. He is on the Boards of Lake Resources N.L., Todd River Resources Ltd., and chairman of Ricca Resources Ltd, which have projects across Australia, Africa, and South America.

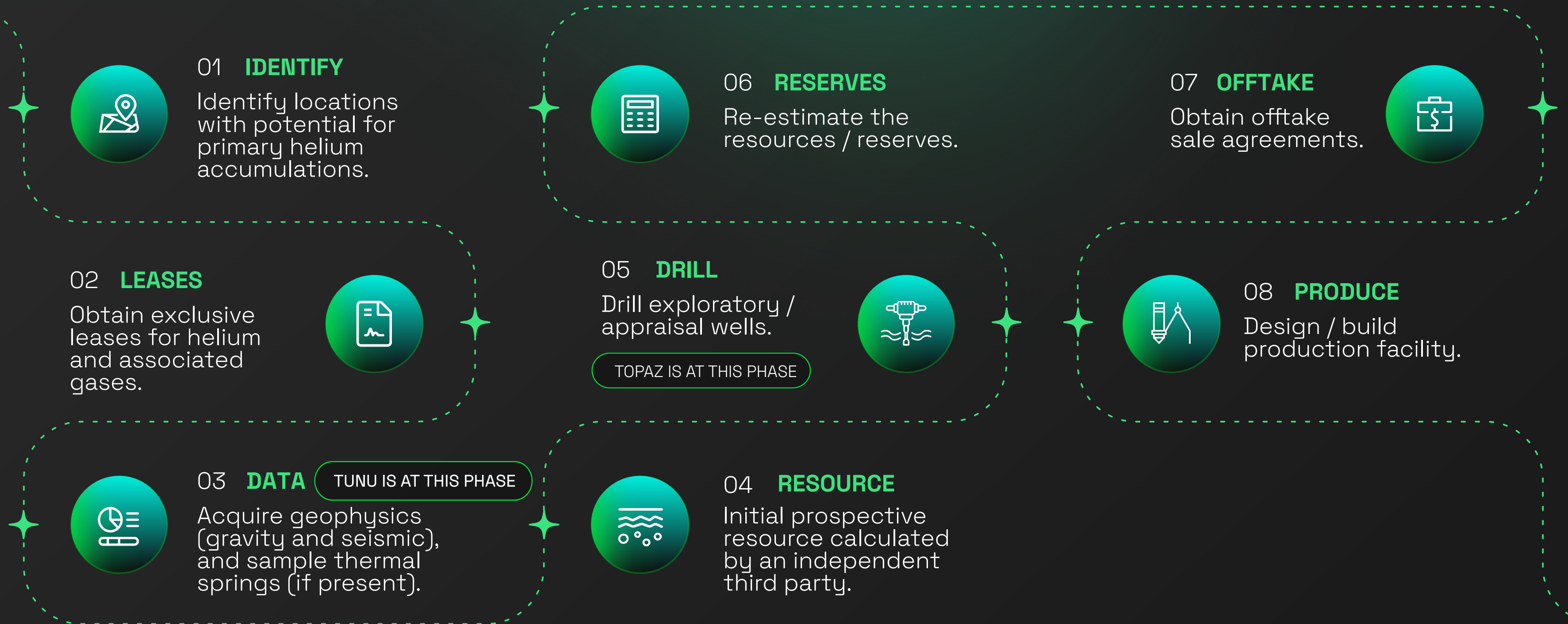


Brice Laurent Non-Executive Director

Brice is an experienced finance professional and co-founder of ABCapital, a multi-family office and alternative asset manager based in Amsterdam. In early 2024, after completing a private placement in Pulsar, he joined the Company's board to support the management team with his capital markets expertise. Brice also serves on the boards of SkyNRG, and Splitser.

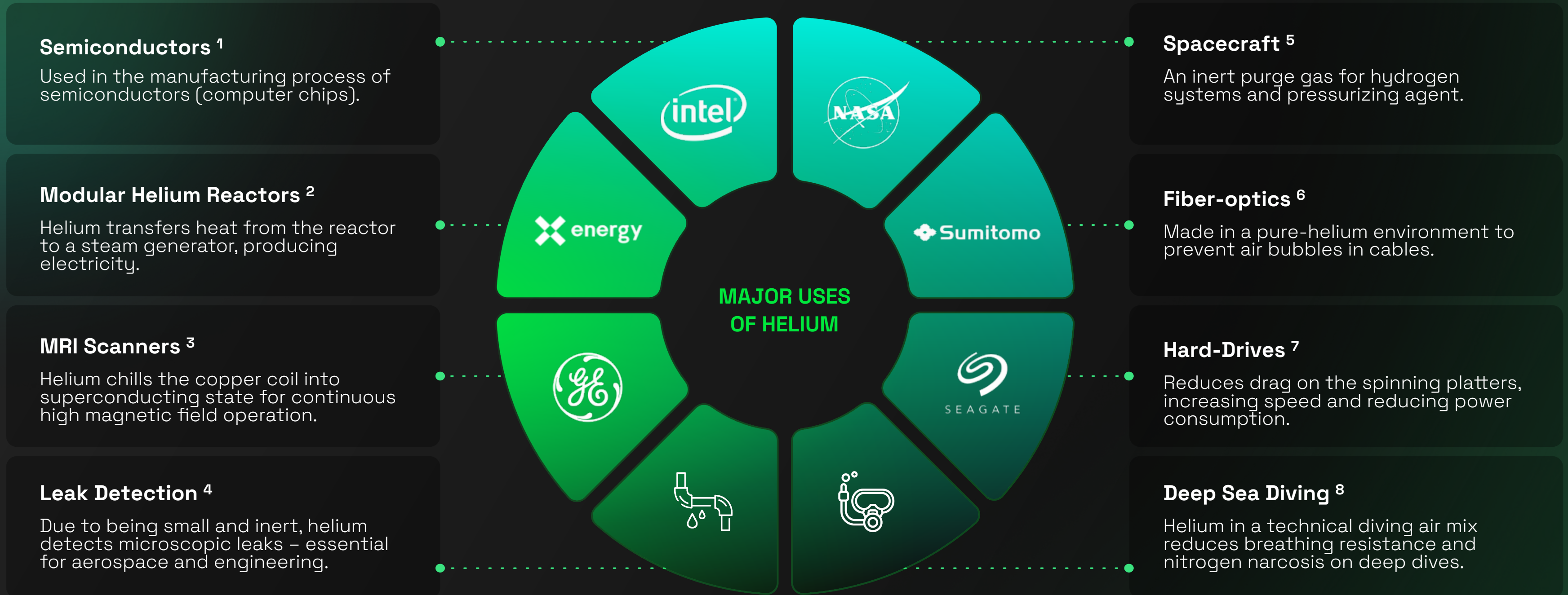
ROADMAP TO SUCCESS

Defined structure and model to deliver shareholder value



USES – IT'S NOT JUST ABOUT PARTY BALLOONS

Helium is critical to the technology of today, and the future



Sources: 1,2,3,4,5,6,7&8 Refer to slide 21

HELIUM – THE TIME IS NOW

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

829% Price Increase

for Grade-A gaseous helium since the year 2000¹

Two helium products

Gaseous helium: 99.9% or higher purity
Liquid helium: is a more valuable product, used by the tech industry

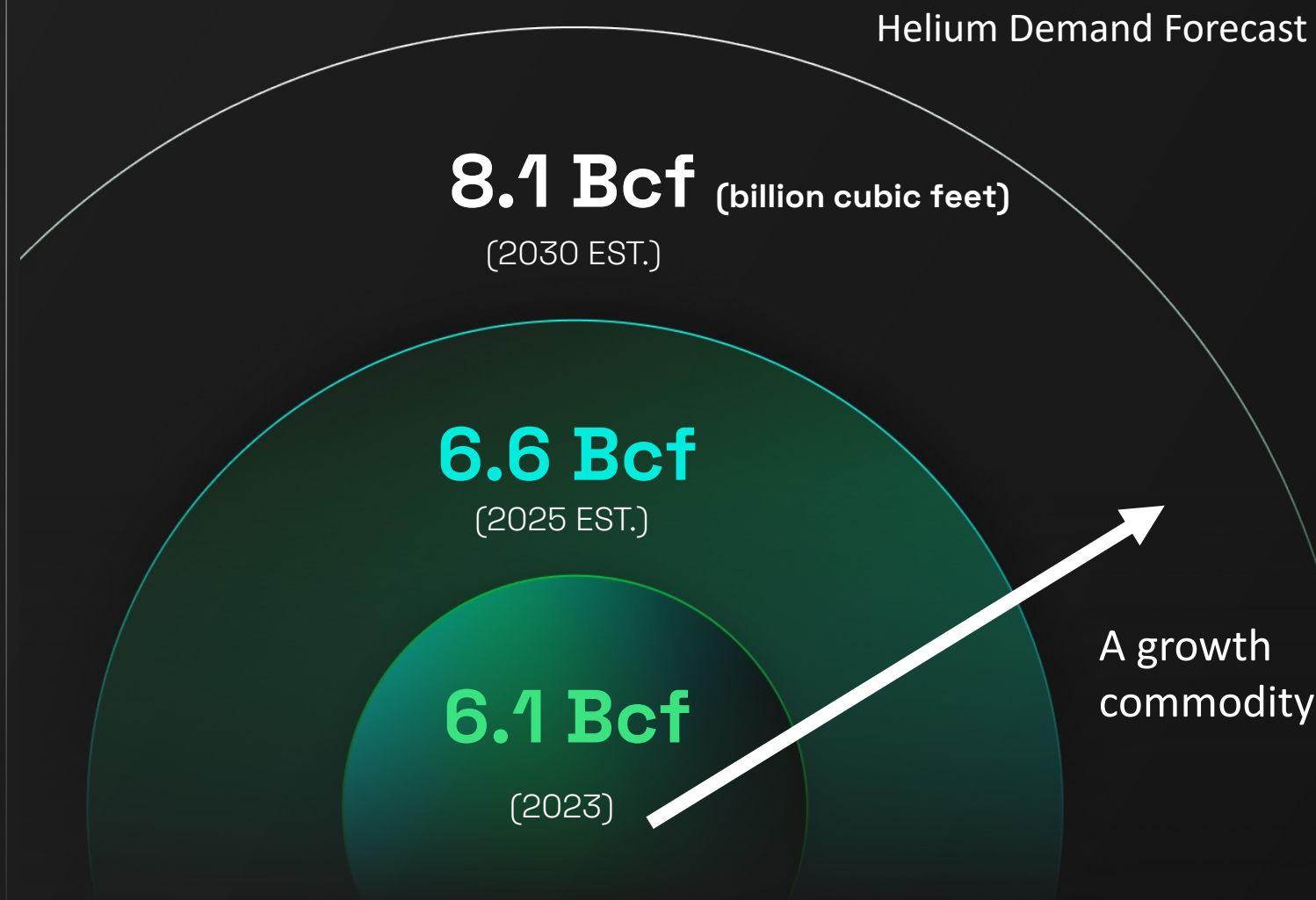
Gaseous helium pricing

2023 off-take valued at **US\$625 per Mcf** of Grade-A gaseous helium²

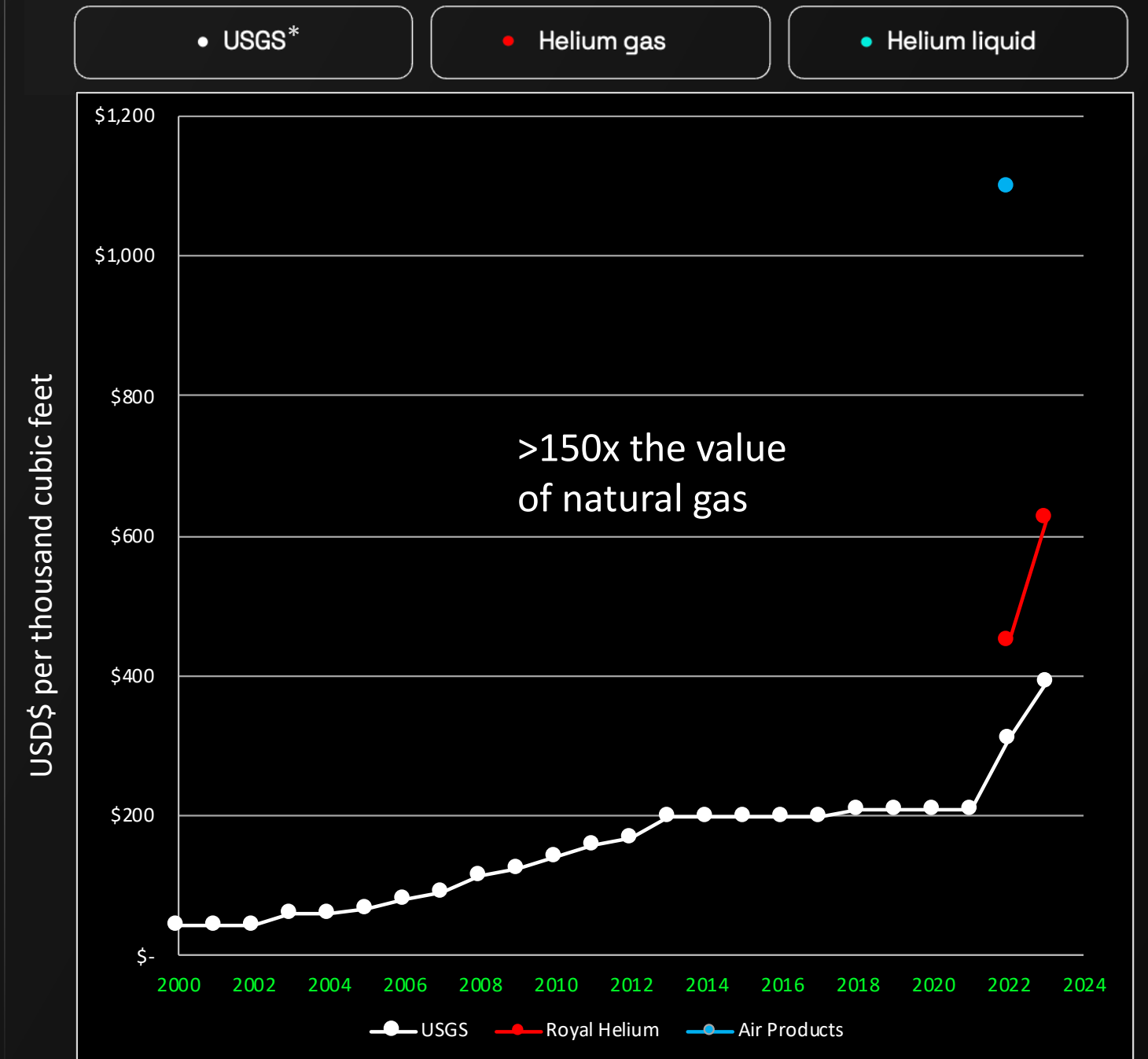
Liquid helium pricing

2022 off-take with NASA valued the liquid helium and ancillaries at **~US\$1,100 per Mcf³**

USA helium production is in significant decline due to ageing gas fields and the sale of the Federal helium reserve, creating an acute supply demand squeeze



Historic Helium Pricing



Source: ^{1,2,3} Refer to slide 21

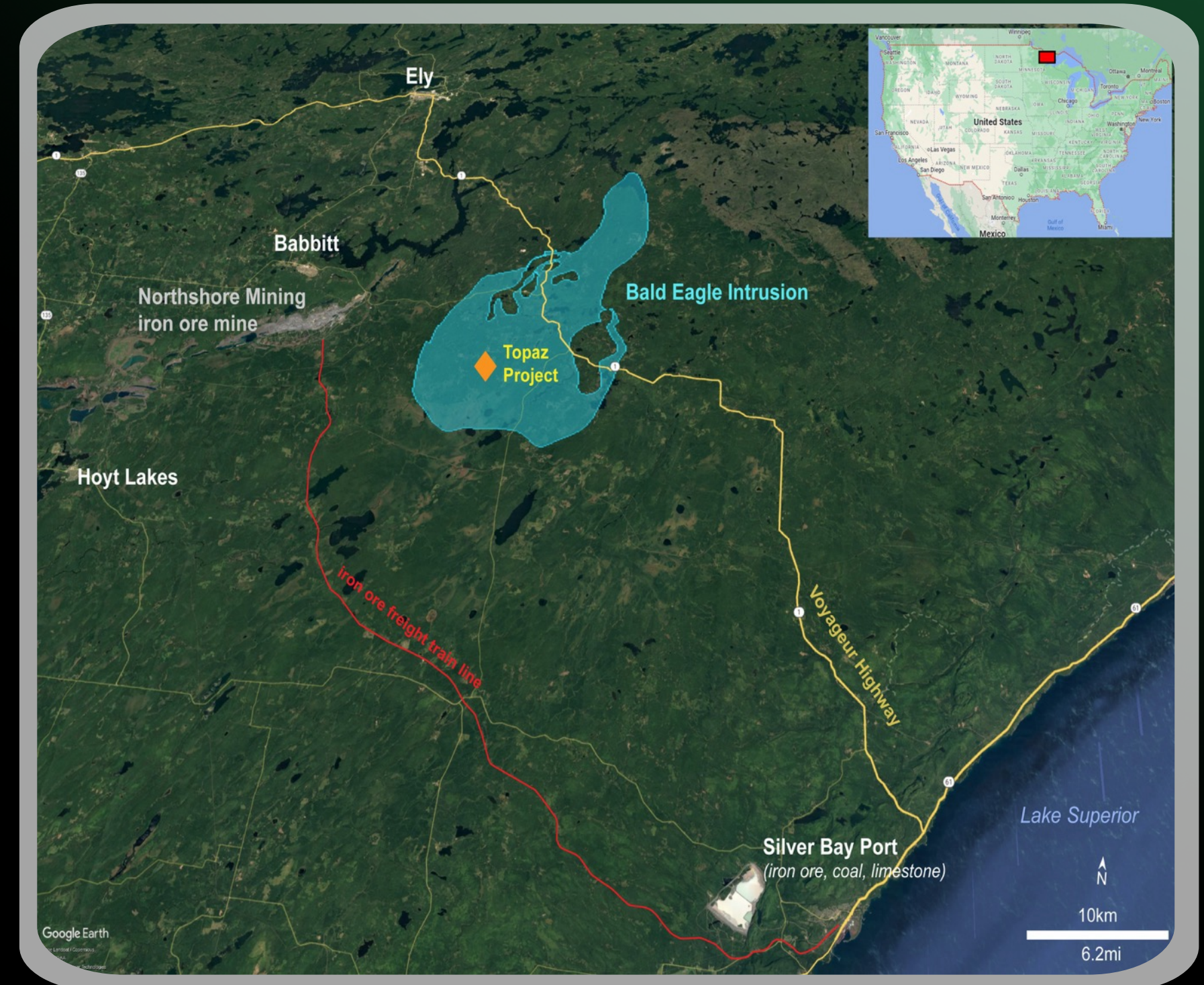
Disclaimer: Subject to market conditions, risks, and uncertainties. No assurances can be made that such forward-looking market information will occur or prove to be correct.

* United States Geological Survey

TOPAZ, MINNESOTA, USA

The USA's newest helium discovery, and world-class helium concentration

- ✦ Drilled the Jetstream #1 appraisal well in 2024
- ✦ The State of Minnesota passed new helium-specific legislation in May 2024, providing certainty moving forward
- ✦ Natural resources have been the backbone of the local economy for 150 years; Topaz is adjacent to some of North America's largest iron ore mines
- ✦ Grid power nearby (the only consumable required for helium production)
- ✦ In close proximity to the Voyageur Highway that leads to Duluth (125 km / 78 mi) and Minneapolis (380 km / 236 mi)
- ✦ Holds private mineral rights over 5,979 gross acres (4,181 net acres)



Topaz location map

TOPAZ – SUCCESSFUL APPRAISAL WELL



Jetstream #1 flowed up to 14.5% helium – among the highest in the world



TOPAZ – WORLD CLASS DISCOVERY CONFIRMED

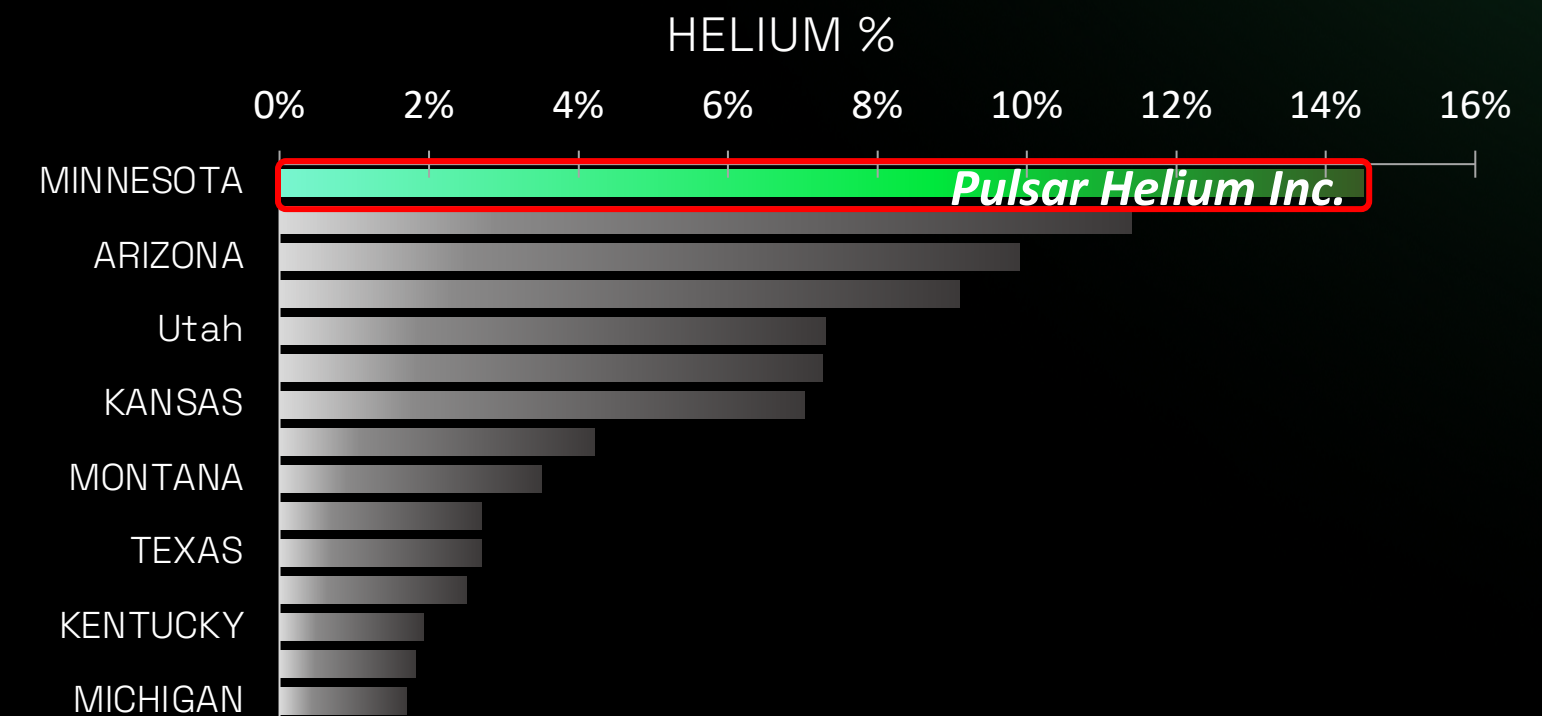


The first dedicated helium well drilled in Minnesota

The 2024 Sproule Resource Report states:

- ✦ Drilled in February 2024 to a total depth of 2,200 feet (671 metres) - 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 m³ per day) under well-head compression
- ✦ Bottom hole-pressure of 161 psi (1,110 kpa), flowing tubing head pressure of 26 psi (179 kpa) on a 1" choke
- ✦ Laboratory results confirm helium concentrations between 7.9–14.5%

“Chance of Commerciality (Pc) is the likelihood that the Topaz Project will, in a timely manner, be able to be commercialized. The Topaz project has both commercial concentration helium and CO₂ and there are no significant environmental nor logistical barriers to commercialization given its location. Therefore, given the Resource base, the Pc is fairly high for an early stage project with a value of 0.65.”

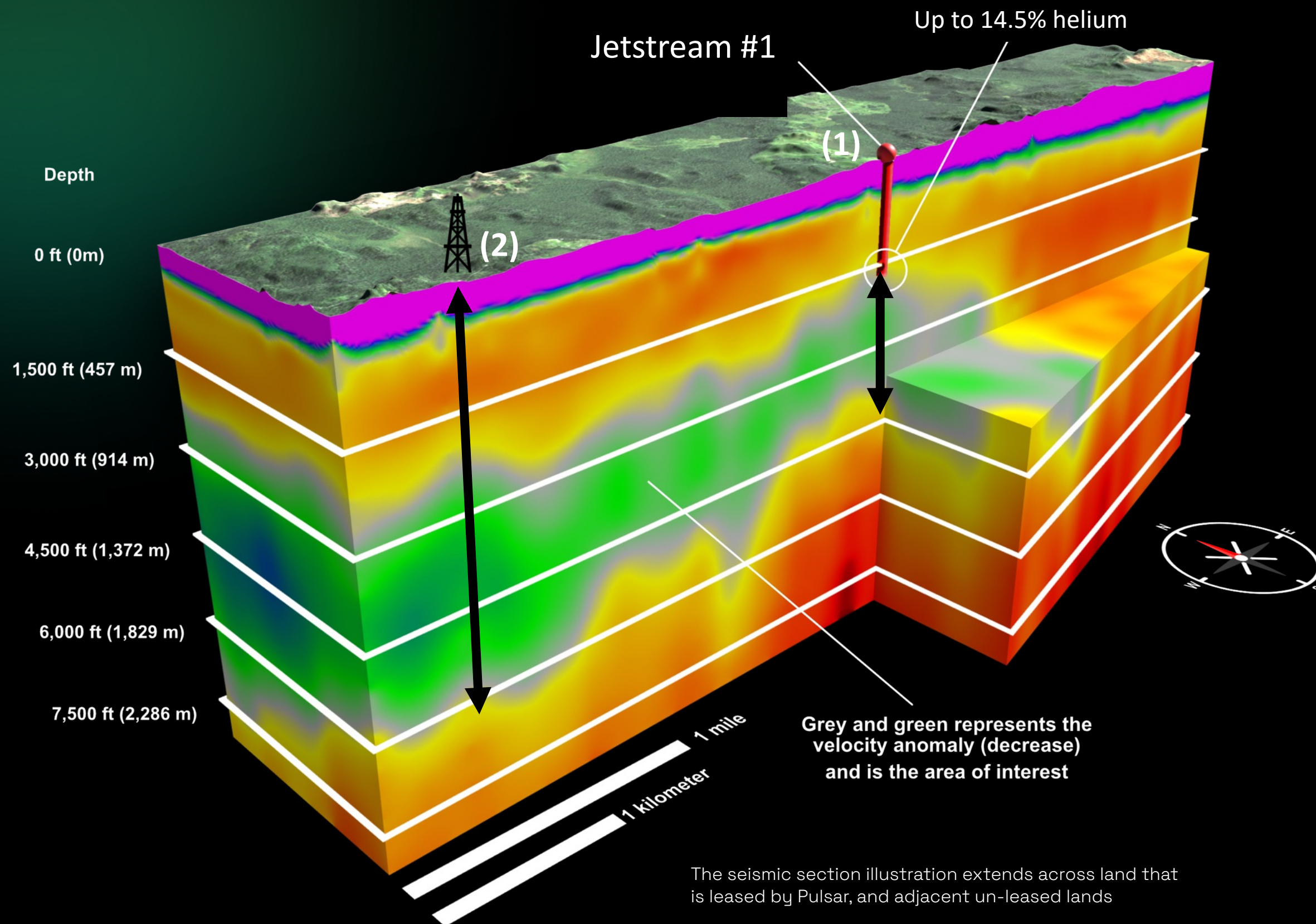


Source: Edelgas Group

TOPAZ – BUILDING ON THE SUCCESS OF JETSTREAM #1



Geophysical data supports a highly scalable reservoir



The seismic section illustration extends across land that is leased by Pulsar, and adjacent un-leased lands

- ✦ Jetstream #1 tagged the top of the seismic anomaly - plan is to deepen and drill entire section in December 2024
- ✦ Fractured basement play, the fractures contain the gas
- ✦ Seismic data indicates that the helium-rich, gas charged fracture sets correlate with a velocity decrease (displayed in green)
- ✦ Objective to then drill additional step-out wells to increase size of contingent resource
- ✦ Proposed step out well (2) for illustrative purposes, final location pending

Accelerating progress after successful appraisal well and resource calculation

Upcoming work program to advance Topaz

Pulsar President and CEO, Thomas Abraham-James:

- ✦ **Deepen Jetstream #1**
 - ✦ Scheduled for December 2024
 - ✦ Deepen by ~500 m (~1,640 ft)
 - ✦ Appraise the full height of the reservoir
 - ✦ Anticipated that pressure / flow rate will increase with depth
- ✦ **Drill step-out well**
 - ✦ Proposed to occur immediately after Jetstream #1
 - ✦ Intersect the full reservoir height
 - ✦ Intention is to increase contingent resource
- ✦ **Preliminary Economic Assessment (PEA)**
 - ✦ The first third party economic evaluation
 - ✦ Anticipated to be completed in Q1 2025
- ✦ **Increase footprint**
 - ✦ Additional lease applications
 - ✦ All within the Topaz project area

“Pulsar has drilled only one well, within one prospect at the Topaz project - and that well hasn’t even reached total depth yet. Topaz therefore has vast potential, and our work program aims to realise that.”

P50 Gross Recoverable Helium Prospective Resource

0.4 Bcf[^]

P50 Gross Recoverable CO₂ Prospective Resource

2.9 Bcf[^]

Notes

- (1) Low estimate – P90; Best estimate – P50; High estimate – P10
- (2) The helium resources are presented in billions of cubic feet (Bcf), at base conditions of 14.65 psia and 60 degrees Fahrenheit
- (3) The resources are technical before any commercial or economic truncation

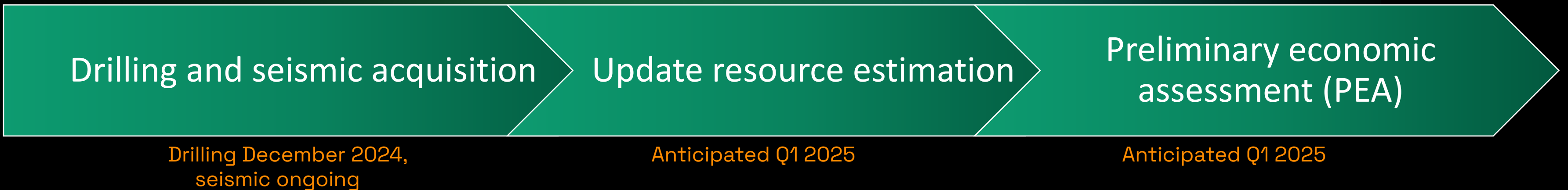
[^] Cautionary Statement: The estimated quantities of helium and CO₂ that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration, appraisal, and evaluation is required to determine the existence of a significant quantity of potentially recoverable helium and CO₂. The Prospective Resource estimates are quoted on an unrisks basis and are aggregated arithmetically by category. Please refer to the news release dated August 21, 2024 for full details with respect to the Prospective Resource estimate and associated risk.

TOPAZ – HIGH IMPACT NEWS FLOW



Defined path translates into de-risking the project and building stakeholder value regularly

Successful completion of the Jetstream #1 appraisal well has substantially de-risked Topaz. The proposed activities for the near-term are to conduct an economic analysis, and increase the volumes of the contingent and prospective resources through further drilling and seismic acquisition.



MILESTONES ACCOMPLISHED TO DATE:

DATA ACQUISITION

Geophysical data and new helium leases 2021-ongoing

NEW LEGISLATION

Minnesota signed new helium legislation into law May 2024

DRILL APPRAISAL WELL

Replicated original discovery and flowed high-concentration helium to surface February 2024

RESOURCE ESTIMATION

New resource estimation conducted by Sproule August 2024

TOPAZ - THE CO₂ OPPORTUNITY

The USA has been experiencing a CO₂ shortage and Minnesota is an importer

CO₂ 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 US\$600 per ton (US\$30 per Mcf) for bulk purchases¹

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 (H₂CO₃) when dissolved in water.



Food preservation: controlled atmosphere for storage and transportation, and to extend shelf life.



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:** CO₂ 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.

TUNU, GREENLAND

One of a few pure play helium projects in Europe where the market is growing rapidly

Helium is on the European Commission's list of critical raw materials

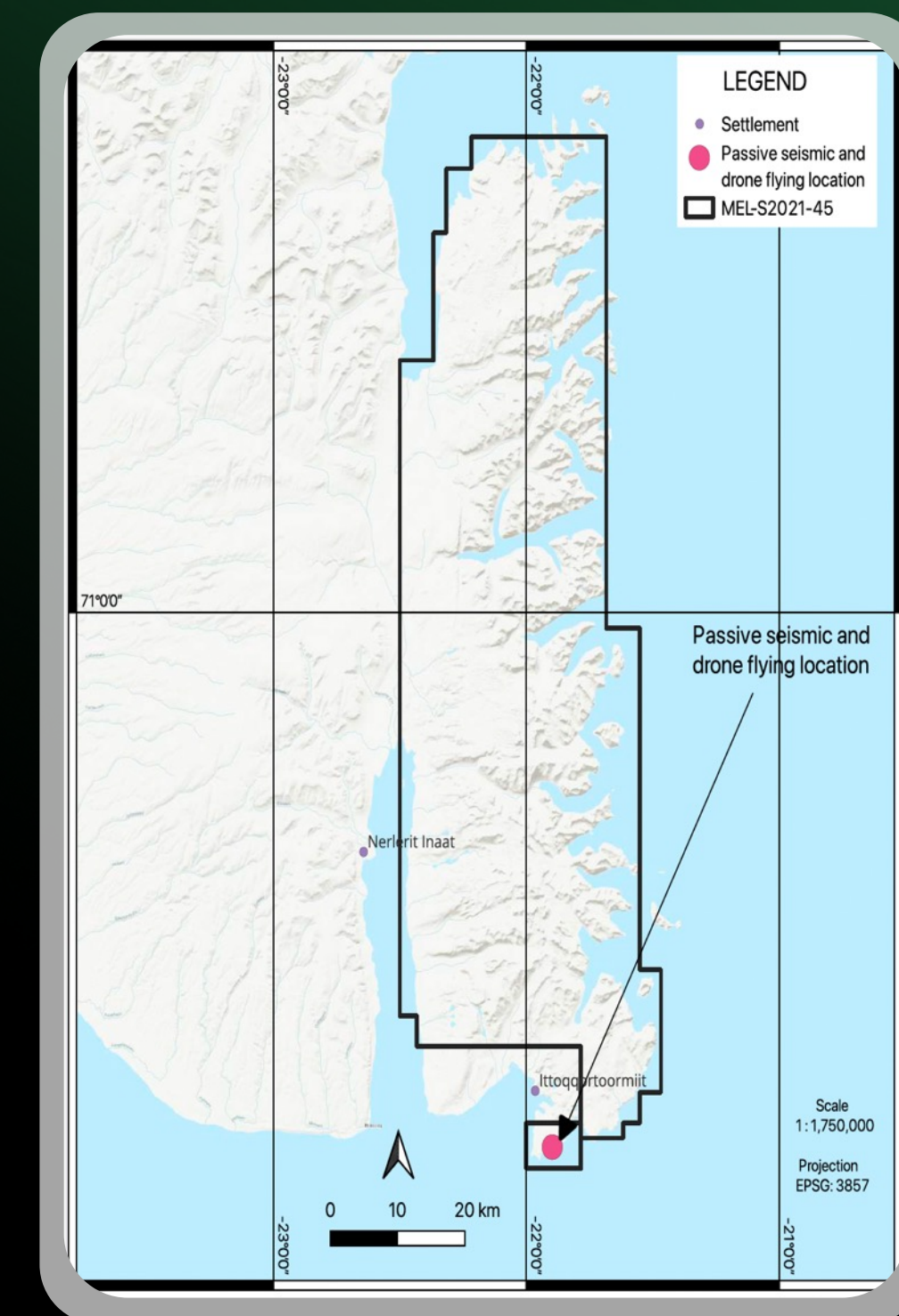
Overview

- ✦ The first company in Greenland to obtain a licence for helium and hydrogen
- ✦ East coast of Greenland, Europe facing
- ✦ Independent studies underpin exploration potential and high prospectivity of the licence
- ✦ 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 2,816km² (~696,000 acres)
- ✦ Exclusive rights to all mineral resources (including helium and hydrogen), except hydrocarbons and radioactive elements

* 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

High-concentration helium discovery in the USA

EMERGING HELIUM PROJECT DEVELOPER

Two high impact pure helium projects with excellent development potential in new districts where it has first mover advantage.

VALUABLE COMMODITY

Primary helium, which is hard to find, is increasingly used in multiple sectors including new technologies - creating shortages & driving price.

WORLD CLASS GRADES

Flagship Topaz project in USA flowed up to 14.5% helium concentration, ranking it among the highest-grade projects in North America.

STRONG NEWS FLOW

Rapid development chronology across the portfolio to create regular news flow.

DEFINED DEVELOPMENT STRATEGY

Strategy being implemented to de-risk the portfolio & advance discoveries to production to create value for the benefit of all stakeholders.

PROVEN EXPERIENCE


The team consists of those who wrote the playbook for pure play helium exploration and proven commodity & finance professionals.




Connect today and join
our vibrant community
of investors!

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#PULSARHELIUM

#PULSARSCHOLARS

#PULSARIGNITE

Appendix



Term	Description
1U (P90), 2U (P50) and 3U (P10)	In a probabilistic resource distribution, 1U (P90), 2U (P50), 3U (P10) estimates represent the 90% probability, 50% probability and 10% probability respectively that the quantity recovered will equal or exceed the estimate assuming a success case in the prospect
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
Gross acres and net acres	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 gross area of the tract of land is referred to as the "gross acres" of a lease. The "net acres" refers to the lessor's percentage share of the gross acres.
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"
Mcf	Thousand cubic feet
MMcf	Million cubic feet
Mineral right	The legal ownership rights to underground mineral resources
Prospect	A project associated with an undrilled potential accumulation that is sufficiently well defined to represent a viable drilling target. A project maturity sub-class of Prospective Resources.
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

Slide

Reference(s)

- | | |
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| 3 | ¹ https://repository.mines.edu/handle/11124/172822 |
| 7 | 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
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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/
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| 8 | 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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