Clean Mining. Clean Energy. Clean Future.

ASX: GTR & GTRO



6 April 2023

# INVESTOR PRESENTATION LIVESTREAM: FUTURE FACING COMMODITIES CONFERENCE, SINGAPORE

GTI Energy Ltd (ASX: GTR) (**GTI** or **Company**) is pleased to provide details of the livestream of its investor presentation (attached overleaf) at the inaugural Future Facing Commodities Conference, being held in Singapore on 4-6 April 2023.

Bruce Lane, Executive Director, will be delivering the presentation in person at 09:45am Singapore time (GMT+8 hrs) on Thursday April 6th to discuss the Company's recent JORC inferred resource estimate and Exploration Targets at the Great Divide Basin & Lo Herma Projects.

To register for FREE to view the livestream, please use the below link:

https://www.resourceconnectasia.com/live-streaming

A copy of the investor presentation to be delivered during the webinar is attached.

**-Ends-**

This ASX release was authorised by the Directors of GTI Energy Ltd. Bruce Lane, (Director), **GTI Energy Ltd**

# CLEAN FUEL FOR A CLEAN ENERGY FUTURE

Focussed on defining and developing economic ISR uranium resources in Wyoming - GTi is part of the US nuclear renaissance

ASX: GTR & GTRO

OTC: GTRIF

GTi energy.

Clean Mining. Clean Energy. Clean Future.

Bruce Lane – April 2023

# DISCLAIMER



## DISCLAIMER

The information presented to you by GTI Energy Ltd in this presentation and any related documents (together, Materials) has been prepared for information purposes by GTI Energy Ltd (**Company**). The Materials do not contain all of the information required in a prospectus, product disclosure statement or other disclosure document for the purpose of Chapter 6D or Chapter 7 of the Corporations Act and no prospectus has been filed with ASIC or any other regulatory authority in any other jurisdiction. By receiving the Materials, you represent and warrant that you are a person who does not require a disclosure document in connection with an offer for shares under Chapter 6D of the Corporations Act because of subsection 708(8) (sophisticated investors) or subsection 708(11) (professional investors) of the Corporations Act (Institutional Investor). If you are not an Institutional Investor, please immediately return or destroy the Materials.

## NO FINANCIAL ADVICE

The information contained in the Materials has been prepared without taking into account the investment objectives, financial situation or particular needs of any particular person. Nothing in the Materials constitutes financial advice. Before making any investment decision, you should consider, with or without the assistance of a financial advisor, whether an investment is appropriate in light of your particular investment needs, objectives and financial circumstances.

## CONFIDENTIALITY

By receiving the Materials, you acknowledge and agree to keep strictly confidential all information contained in it and all other information made available to you in connection with it. You must not reproduce or distribute, in whole or in part, the Materials or use it for any purpose other than the purpose for which it was provided.

## NO LIABILITY

The Company has prepared the Materials based on information available to it at the time of preparation, from sources believed to be reliable and subject to the qualifications in the Materials. To the maximum extent permitted by law, GTI Energy Ltd, its related bodies corporate and their respective officers, employees, representatives, agents or advisers accept no responsibility or liability for the contents of the Materials. No representation or warranty, express or implied, is made as to the fairness, accuracy, adequacy, validity, correctness or completeness of the information, opinions and conclusions contained in the Materials.

## LIMITED DISTRIBUTION

The Materials are intended to be provided only to Institutional Investors in Australia. The Company has not currently registered a prospectus in Australia or in any overseas jurisdiction. By receiving the Materials, you agree not to reproduce or distribute the Materials, in whole or in part, to any other persons without the express consent of the Company.

## PAST PERFORMANCE

Past performance information contained in the Materials is given for illustration purposes only and should not be relied upon as (and is not) an indication of future performance. Actual results could differ materially from those referred to in the Materials.

## COMPETENT PERSONS STATEMENT

The information in this announcement that relates to the Exploration Results on the Henry Mountains project is based on information compiled and fairly represents the exploration status of the project. Doug Beahm has reviewed the information and has approved the scientific and technical matters of this disclosure. Mr. Beahm is a Principal Engineer with BRS Engineering Inc. with over 45 years of experience in mineral exploration and project evaluation. Mr. Beahm is a Registered Member of the Society of Mining, Metallurgy and Exploration, and is a Professional Engineer (Wyoming, Utah, and Oregon) and a Professional Geologist (Wyoming). Mr Beahm has worked in uranium exploration, mining, and mine land reclamation in the Western US since 1975 and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and has reviewed the activity which has been undertaken in 2019 and 2020, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of exploration results, Mineral Resources and Ore Reserves. Mr Beahm provides his consent to the information provided relative to the planned Section 36 exploration programme herein.

## CAUTION REGARDING FORWARD LOOKING STATEMENTS

This announcement may contain forward looking statements which involve a number of risks and uncertainties. Forward-looking statements are expressed in good faith and are believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. The forward- looking statements are made as at the date of this announcement and the Company disclaims any intent or obligation to update publicly such forward looking statements, whether as the result of new information, future events or results or otherwise.

GTi energy.
Clean Mining. Clean Energy. Clean Future.

# USA Uranium Market Opportunity

Demand for US sourced uranium has returned with a vengeance as utilities move away from Russian supply and western enrichers move to overfeeding. This coincides with reactor life extensions, new reactor builds & financial players like Sprott & ANU buying yellow cake. US utilities have returned to term contracting in force and are switching back to US domestic supply at a time when US & global supply has tightened significantly to drive uranium prices up – we believe uranium price will strengthen further in 2023/4.

# Wyoming Is The Place To Be

Wyoming is a world leading low cost uranium mining friendly jurisdiction and is the leading US uranium supply state – in recent times exclusively from ISR mining, the lowest cost, lowest impact form of mining.

# GTI Has Discovered ISR Amenable Uranium

GTI holds high potential ISR uranium assets in Wyoming with ISR amenable mineralisation next to major producers. We've completed 2 seasons of successful drilling with a highly experienced execution team. Drilling completed in late 2022 has provided data for our maiden resource statement & an historical data set ($15m replacement value) was acquired for Lo Herma paving the way for a JORC resource at the end of Q2.

# NUCLEAR POWER IS VERY IMPORTANT TO THE US

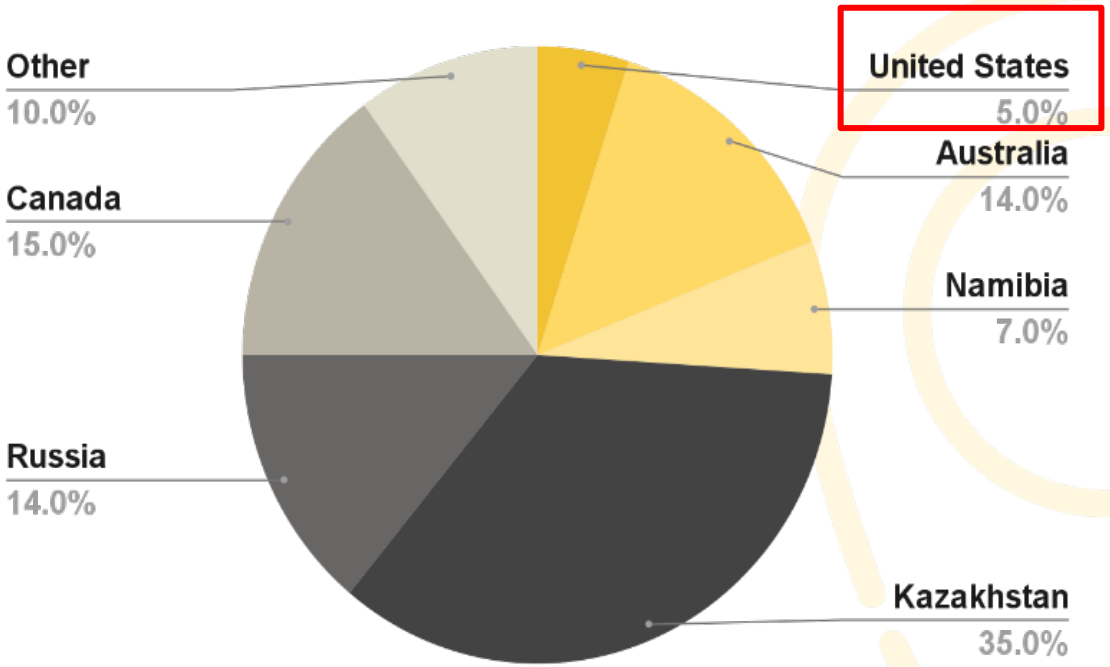



# US EMISSIONS & ENERGY SECURITY - DOMESTIC SUPPLY IS KEY



- World's largest reactor fleet producing ~95GW from 92 reactors which import 95% of ~47Mlbs p.a. $U_3O_8$
- **20%** of US baseload & **50%** of US clean energy from nuclear - underpins NetZero emissions targets
- Maintain & grow nuclear fleet with **$6Bn in grants plus green tax credits – Inflation Reduction Act**
- **Strategic Uranium Reserve** to buy **US$1.5bn** of US $U_3O_8$ over 10 yrs[1]
- US nuclear power & domestic uranium supply are being "**rebooted"**

## WHERE DOES THE U.S GET ITS URANIUM?




Source: Where our uranium comes from - U.S. Energy Information Administration (EIA)

**Emissions Reduction & Energy Security**

1. https://www.energy.gov/sites/prod/files/2020/04/f74/Restoring%20America%27s%20Competitive%20Nuclear%20Advantage-Blue%20version%5B1%5D.pdf

# US DOMESTIC URANIUM PRODUCTION COLLAPSE

GTi energy. Clean Mining. Clean Energy. Clean Future.

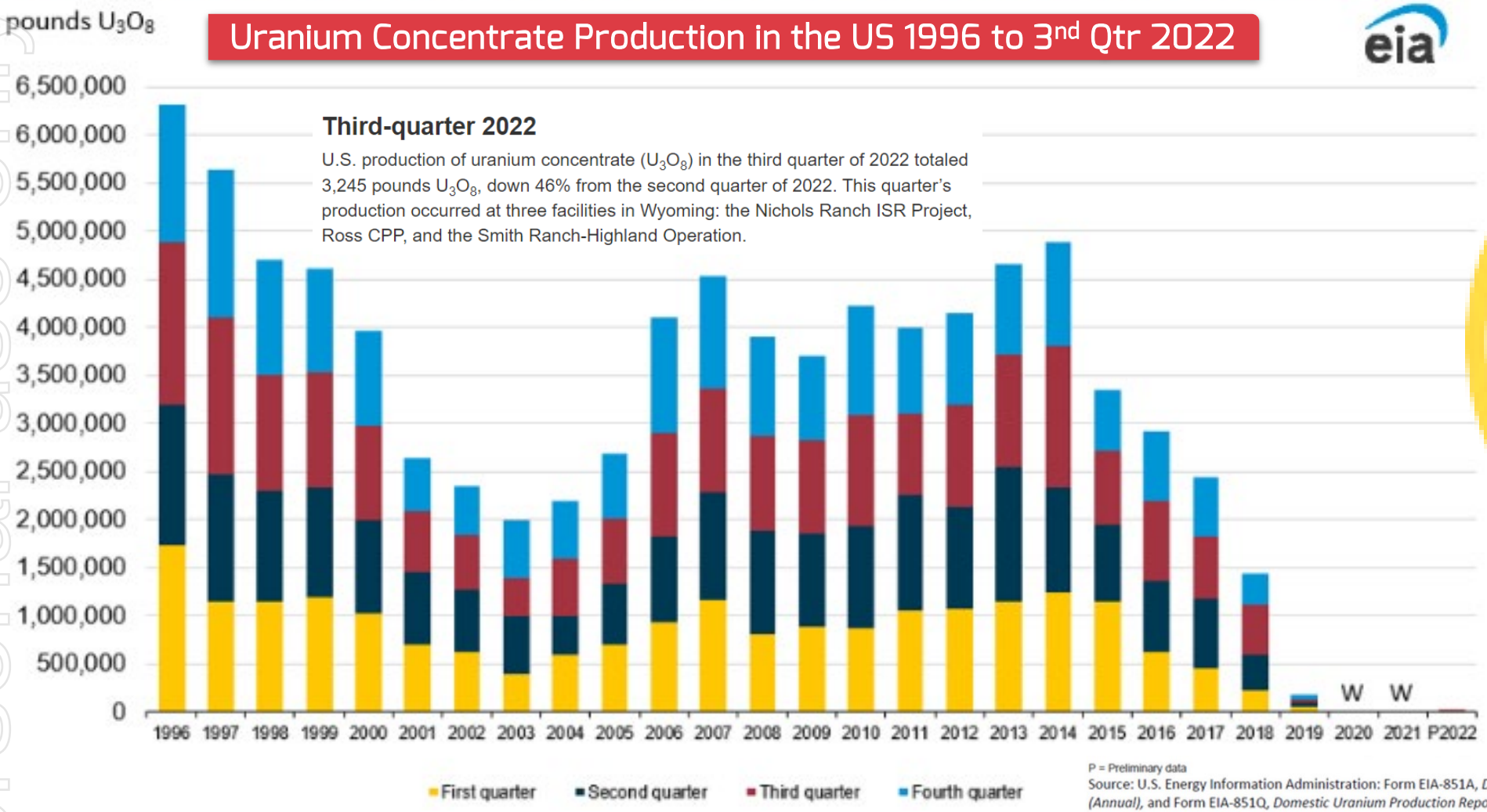
92 U



## Figure 1. Uranium concentrate production in the United States, 1996 to third-quarter 2022

**Uranium Concentrate Production in the US 1996 to 3nd Qtr 2022**

eia




**Third-quarter 2022**

U.S. production of uranium concentrate ($U_3O_8$) in the third quarter of 2022 totaled 3,245 pounds $U_3O_8$, down 46% from the second quarter of 2022. This quarter's production occurred at three facilities in Wyoming: the Nichols Ranch ISR Project, Ross CPP, and the Smith Ranch-Highland Operation.

P = Preliminary data

Source: U.S. Energy Information Administration: Form EIA-851A, *Domestic Uranium Production Report (Annual)*, and Form EIA-851Q, *Domestic Uranium Production Report (Quarterly)*

# GLOBAL NUCLEAR & URANIUM NEWS

GTi energy. Clean Mining. Clean Energy. Clean Future. 92 U



NEW BUILD

## World Economic Forum / Net Zero Will Need Doubling Of Nuclear Capacity, Says IAEA Chief

By David Dalton
26 May 2022

*Rafael Grossi also highlights potential of small modular reactors and hydrogen economy*

## Poll: 53 Percent of Voters – Build New Nuclear US Power Plants

By Scott Rasmussen
Thursday, 26 May 2022 11:24 AM
Current | Bio | Archive

**May 26, 2022:** Fifty-three percent (53%) of voters favor building new nuclear power plants in the United States. A Scott Rasmussen national survey found that 31% oppose such building.

WRITTEN BY ANDREAS LOCHNER ON JUL 19, 2022. POSTED IN LATEST NEWS

## Germany To Rethink Nuclear Shutdown As Energy Crisis Deepens

CLIMATE CHANGE DISPATCH

John Quakes Retweeted

**John Quakes** @quakes99 · 14h

Yee-Haw!🤠🦬 Another new Physical #Uranium investment vehicle is about to be launched.🚀 'Uranium Actively Managed Certificate', aided by Curzon Uranium traders, will invest in physical #U3O8 to be stored at Cameco, offering uranium market access "for larger pools of capital."💰

**John Quakes** @quakes99 · May 5

US working on #uranium strategy, should not import from #Russia🗣️ - **Granholm**🇷🇺⛔🇺🇸 US working to ensure it can supply low-enriched uranium to fuel existing #Nuclear reactors with a full federal uranium strategy plan now in interagency review process⚛️⛏️🦬

reuters.com
U.S. working on uranium strategy, should not import from Russia -Gra...
U.S. Energy Secretary Jennifer Granholm said on Thursday that the United States was working on a strategy to ensure steady uranium ...

NUCLEAR ENGINEERING INTERNATIONAL

Home | News | Features | Opinion | Video | Events | Jobs | Buyers' Guide

## Nuclear newcomers surge

7 July 2022

*Dozens of countries are turning to nuclear power to meet their energy needs. The nuclear newcomers are here.*

Currently some 30 countries are considering, planning or starting nuclear power programmes as they seek a secure, low-carbon supply of energy. According to Rafael Mariano Grossi, the International Atomic Energy Agency's (IAEA's) Director General, based on their current national plans, 10 to 12 newcomers to nuclear power are expected to have begun development by 2035. There are a number of reactors already under construction in newcomer nations.

INVESTING | Commodities | Company News | News Wire — May 24, 2022

## California Seeking Federal Funds to Keep Last Nuclear Plant Open

Mark Chediak, Bloomberg News

(Bloomberg) -- California asked the Biden administration whether it could qualify for federal funds to support its last nuclear power plant as the state grapples with potential electricity shortfalls.

BBC NEWS

bbc.com
Sizewell C nuclear plant gets go ahead from government
The Sizewell C plant is expected to cost £20bn and could provide the UK with 7% of its electricity

Bloomberg
Asia Edition

Live Now | Markets | Technology | Politics | Wealth | Pursuits | Opinion | Businessweek | Equality | Green | Cit

BREAKING | Amazon Plans to Pull Out of $7.7 Billion Race for Cricket Rights Read More

Green
New Energy

## US Seeks $4.3 Billion for Uranium to Wean Off Russia Supply

- Plan would boost enriched uranium purchases from US producers
- Biden administration proposal requires approval from Congress

John Quakes Retweeted

**John Quakes**
@quakes99

Supply shortage in the #Uranium space unless metal prices get to the $75 to $100 pound range, a +50% to +100% rise from today's U prices - @Sprott's John Ciampaglia ⏫⚛️⛏️🤠🦬 #Nuclear #EnergyTransition #EnergySecurity #NetZero #UraniumSqueeze 🗜️🌊🏄

Bill Gates and Warren Buffett to build new kind of nuclear reactor in Wyoming

# MORE NEWS

GTi energy. Clean Mining. Clean Energy. Clean Future. 92 U

## Korea Pares Back Renewables as It Taps Nuclear for Climate Goal

by Heesu Lee **+ Get Alerts**

August 29, 2022 11:48 PM

- Renewable energy share will fall to 21.5% under revised plan
- Nuclear share set to increase to almost one-third by 2030

## Japan Plans To Restart Seven Nuclear Reactors By Summer 2023

By ZeroHedge - Sep 14, 2022, 1:00 PM CDT

- Japan shutdown its nuclear plants following the 2011 Fukushima disaster.
- Nuclear energy is beginning to gain political and public support in Japan.
- The country's prime minister recently announced the restart of seven reactors by the summer of 2023.

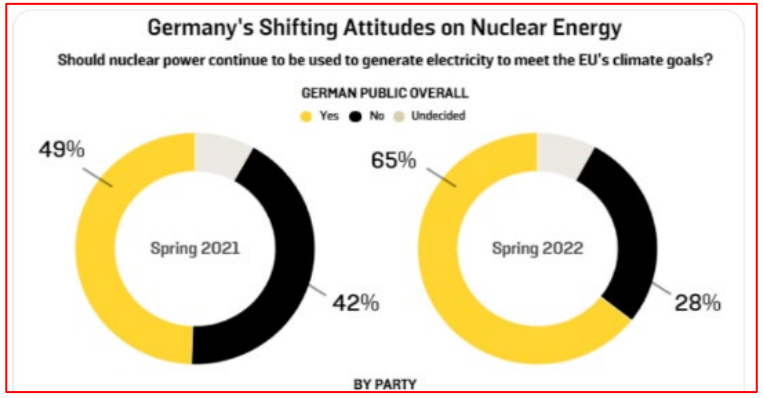
John Quakes Retweeted

**John Quakes**
@quakes99

US @Energy says 394 US #coal-fired power plants could be repurposed to #CarbonFree #Nuclear quadrupling US nuclear capacity to 350 Gigawatts. @Microsoft & @TerraPraxis team aim to do that globally at over 2,400 coal power plants! #Uranium

#Overfeeding is like Squeezing Lemons when you are in a rush, there will be much wasted. Under feeding is when you have time to squeeze out every drop. Enrichment demand is at decade highs, you will make more $ pushing through product =more #uranium used. #VirtuousUCycle #nuclear


3:59 AM · Apr 8, 2022 · Twitter for iPhone




**John Quakes** @quakes99 · 19h

#India Eyes Major Expansion of #Nuclear Power with officials calling for as many as 20 new nuclear power facilities to be brought online over the next decade, more than doubling the number of operating nuclear power plants #Uranium #NetZero

powermag.com
India Eyes Major Expansion of Nuclear Power
India's government is pushing for construction of more nuclear power plants as the country looks to increase its supply of cleaner energy. ...

John Quakes Retweeted

**John Quakes**
@quakes99

Supply shortage in the #Uranium space unless metal prices get to the $75 to $100 pound range, a +50% to +100% rise from today's U prices - @Sprott's John Ciampaglia #Nuclear #EnergyTransition #EnergySecurity #NetZero #UraniumSqueeze

# US SIGNALS A TRIPLING OF NUCLEAR POWER

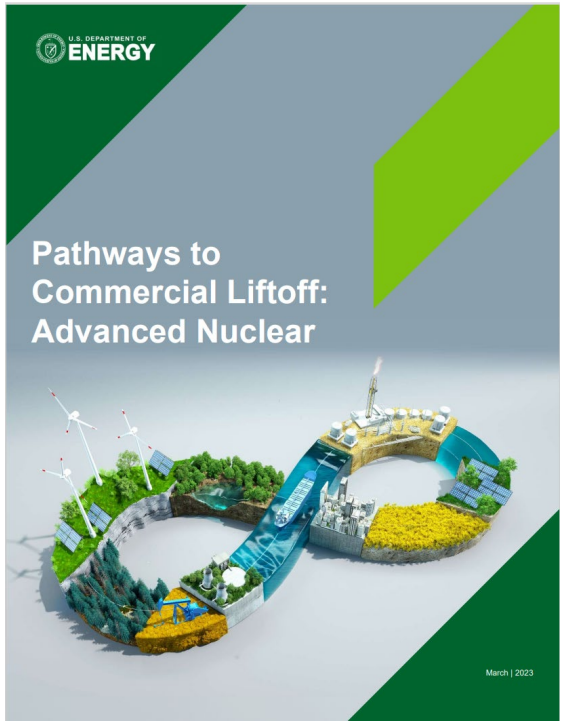


## US DOE LIFTOFF REPORT

**John Quakes** @quakes99 · 8h

ICYMI!🎇🎇😮 US Dept of @Energy has published a Liftoff Report🚀 advocating a rapid #Nuclear build-out plan even more aggressive than #China😮 of adding 13GW annually⚛️🏗️ to deploy another 200GW of nuclear by 2050.🌞🇺🇸 Mind-blowing #Uranium demand!🤯🚀🤠🐂

liftoff.energy.gov




**Section 3.c.ii: Fuel supply chain**

- A move **from ~100GW** to **300 GW** of nuclear by 2050 requires up to **300%** increase in fuel supply.
- Domestic U.S. uranium production peaked @ **2,263 MT** $U_3O_8$ mined in 2014 with an additional **22,000** MT $U_3O_8$ procured from foreign sources to supply ~100 GW of existing nuclear power capacity.
- 200GW of additional capacity will require the U.S. to expand mining/milling & procurement by an additional ~50,000 MT per year (i.e. **22x the 2014 domestic production peak**).

# URANIUM DEMAND OUTSTRIPPING SUPPLY

GTi energy. Clean Mining. Clean Energy. Clean Future.



## DEMAND GROWTH

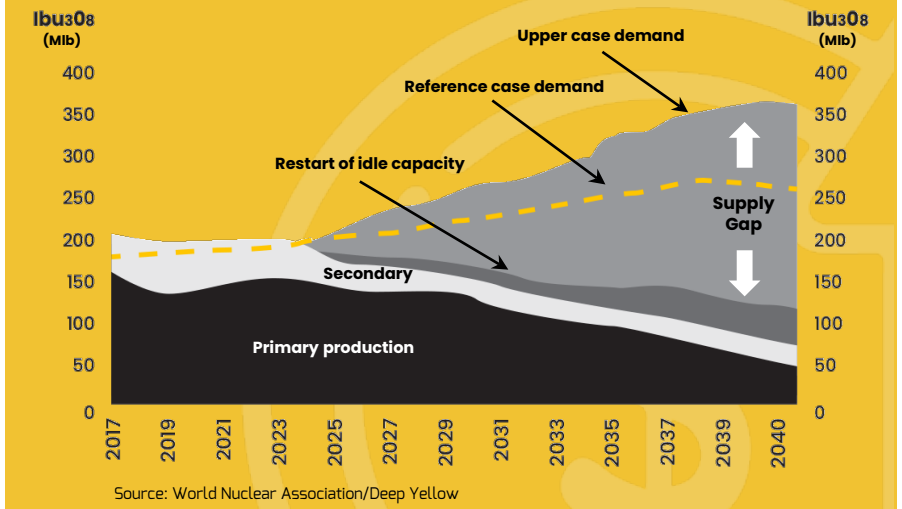
- Climate response is driving sustained rapid global nuclear power growth
- Reversal of reactor shut down decisions – Japan, France, US, South Korea
- Global reactor build renaissance incl SMR's - China, India, Russia, UAE, US
- EU, US & Canada categorise nuclear as "green" alongside "renewables"
- Financial players like Sprott & miners/developers aggressively buying $U_3O_8$

## SUPPLY CONTRACTION

- Sub economic pricing driven by secondary supply glut & Cheap Kazak ISR lead to global under-investment in new supply
- Kazatomprom & Cameco output is down, mine retirements, COVID
- Geopolitical instability (Russia/Ukraine) & Biden admin response
- Return of the east/west bifurcated uranium market - western conversion and enrichment capacity needs to be rebuilt so **"overfeeding"** occurs

## MAJOR $U_3O_8$ SUPPLY & DEMAND IMBALANCE

WIDENING SUPPLY/DEMAND GAP FORECAST




Source: World Nuclear Association/Deep Yellow

- 440 nuclear power reactors operating in 32 countries
- 55 reactors currently being constructed in 18 countries
- 90 reactors on order or planned & over 300 more proposed

Source: Plans for New Nuclear Reactors Worldwide - World Nuclear Association (world-nuclear.org)

**Market Imbalance**

Wyoming GTi

GTi energy.

Clean Mining. Clean Energy. Clean Future.

# THE TIME & PRICE IS RIGHT FOR US DOMESTIC ISR URANIUM PRODUCTION TO RESTART

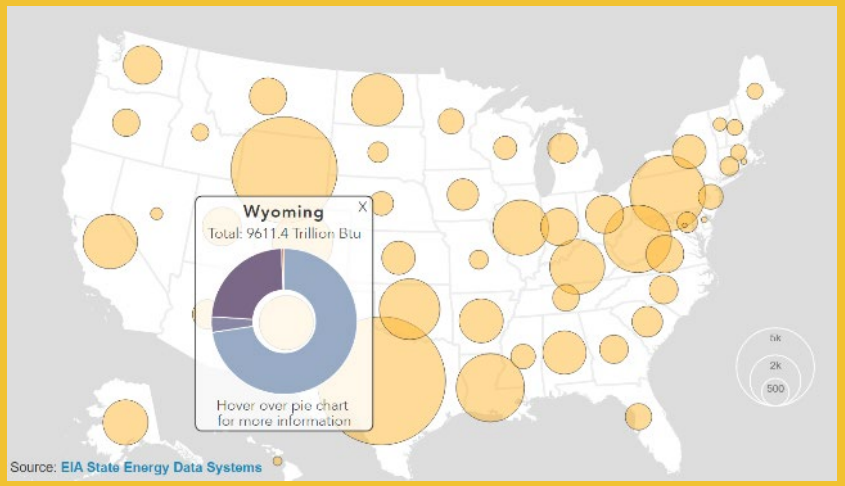
# WHY WYOMING?

- # 2 **energy state** in the US after Texas
- The leading uranium state (~80% of US output) with a long history of uranium mining starting late 1940's
- ISR mining used commercially in Wyoming since mid 1980's
- Wyoming roll front deposits suit ISR mining when they are below ground water table & amenable to control of leach solutions
- **Fraser Institute** 2020 ranked Wyoming 2nd of 78 jurisdictions
- 7 Wyoming ISR facilities operable now & 2 more licensed for build
- ISR mining - lower OPEX, lower CAPEX & less environmental impact

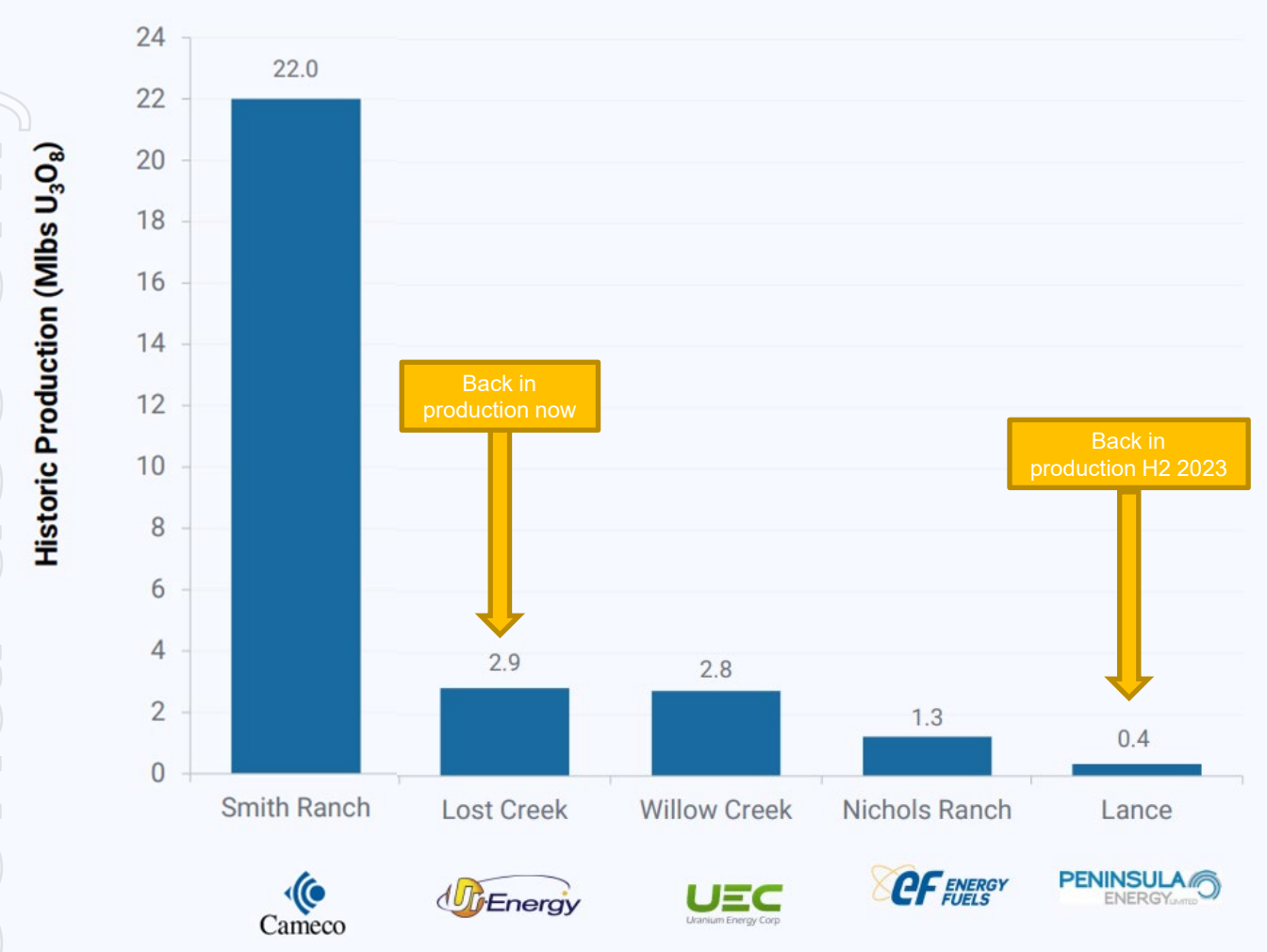
**Wyoming is the heart of US uranium mining industry & will lead its production renaissance**

ENERGY PRODUCTION IN TRILLION BTU: 2022

WYOMING ENERGY STATE



# 21st CENTURY WYOMING ISR PRODUCTION




Source: https://encoreuranium.com/wp-content/uploads/2023/01/EU-Corporate-Deck-FINAL-Jan-23-2023.pdf

# INSITU RECOVERY (ISR) SOLUTION MINING

GTi energy. Clean Mining. Clean Energy. Clean Future.

ISR (ISL) solution mining is used extensively in Kazakhstan, Uzbekistan & the US. Wyoming has 7 ISR facilities operable & 2 more licensed for build. There are two ISR mines & a satellite ISR operation in South Australia

**ISR is Lowest Capex, Lowest Opex, Lowest Impact**

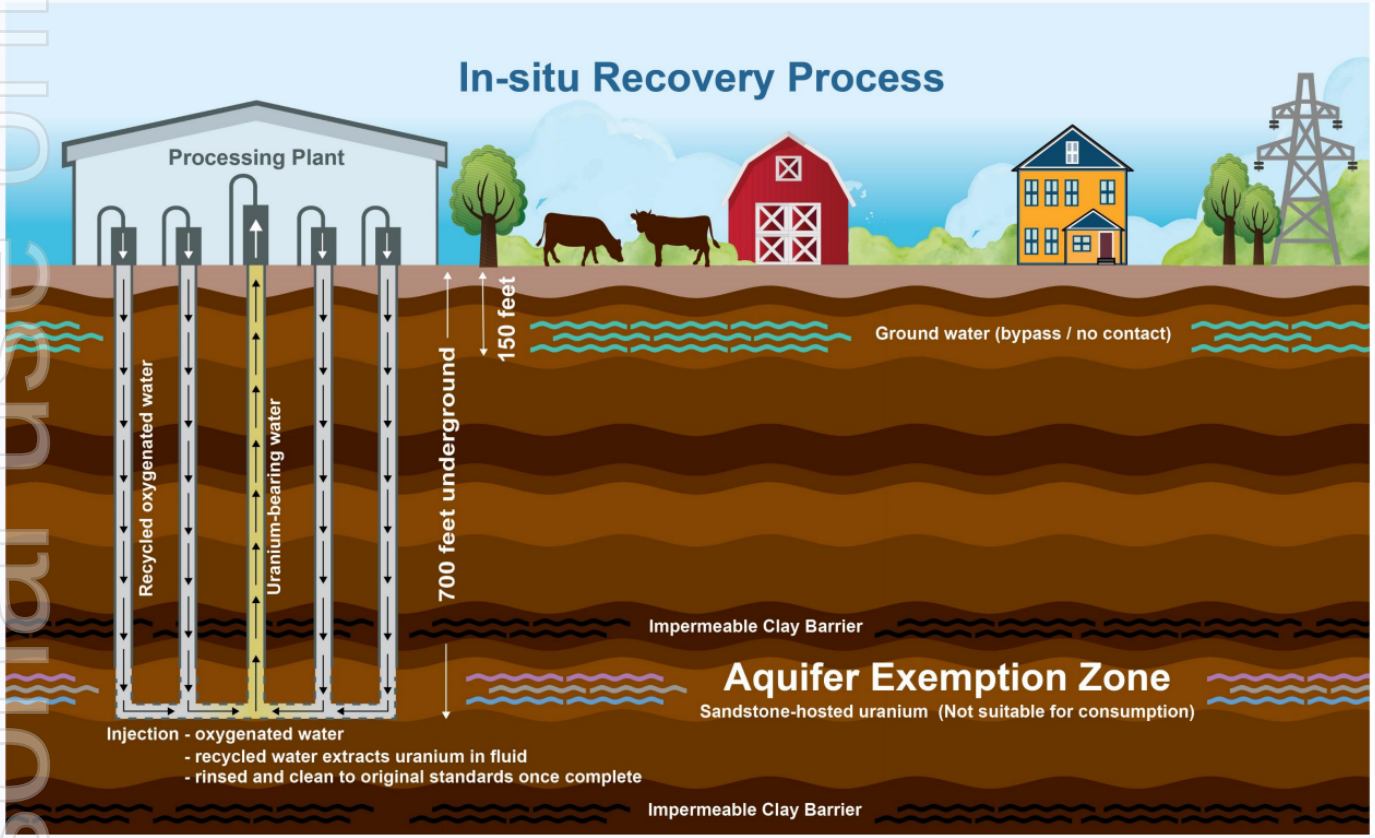
**Cameco's Smith Ranch ISR Uranium Mine, Glenrock, WY**

**Rossing Hard Rock Uranium Mine, Namibia**

# INSITU RECOVERY (ISR) SOLUTION MINING

GTi energy. Clean Mining. Clean Energy. Clean Future.

## environmentally superior & economically competitive




ISR uses injection wells which add oxygen and carbon dioxide creating a lixiviant solution; uranium dissolves into the solution

Recovery wells pump the solution back to the surface to a processing facility

Monitoring wells surround the wells

60% of global uranium is produced through ISR

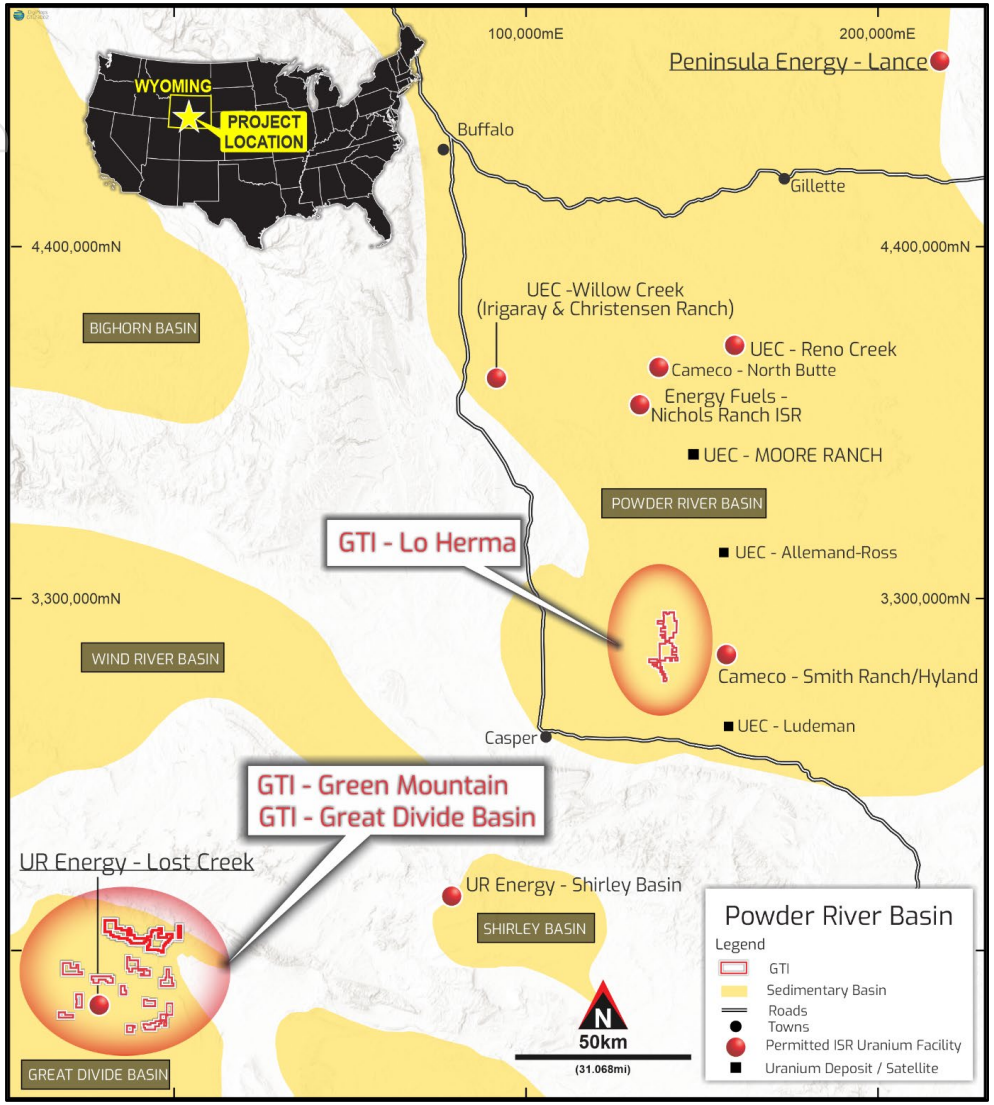
Environmental impact manageable - no tailings, minimal dust and less water consumption than conventional mining

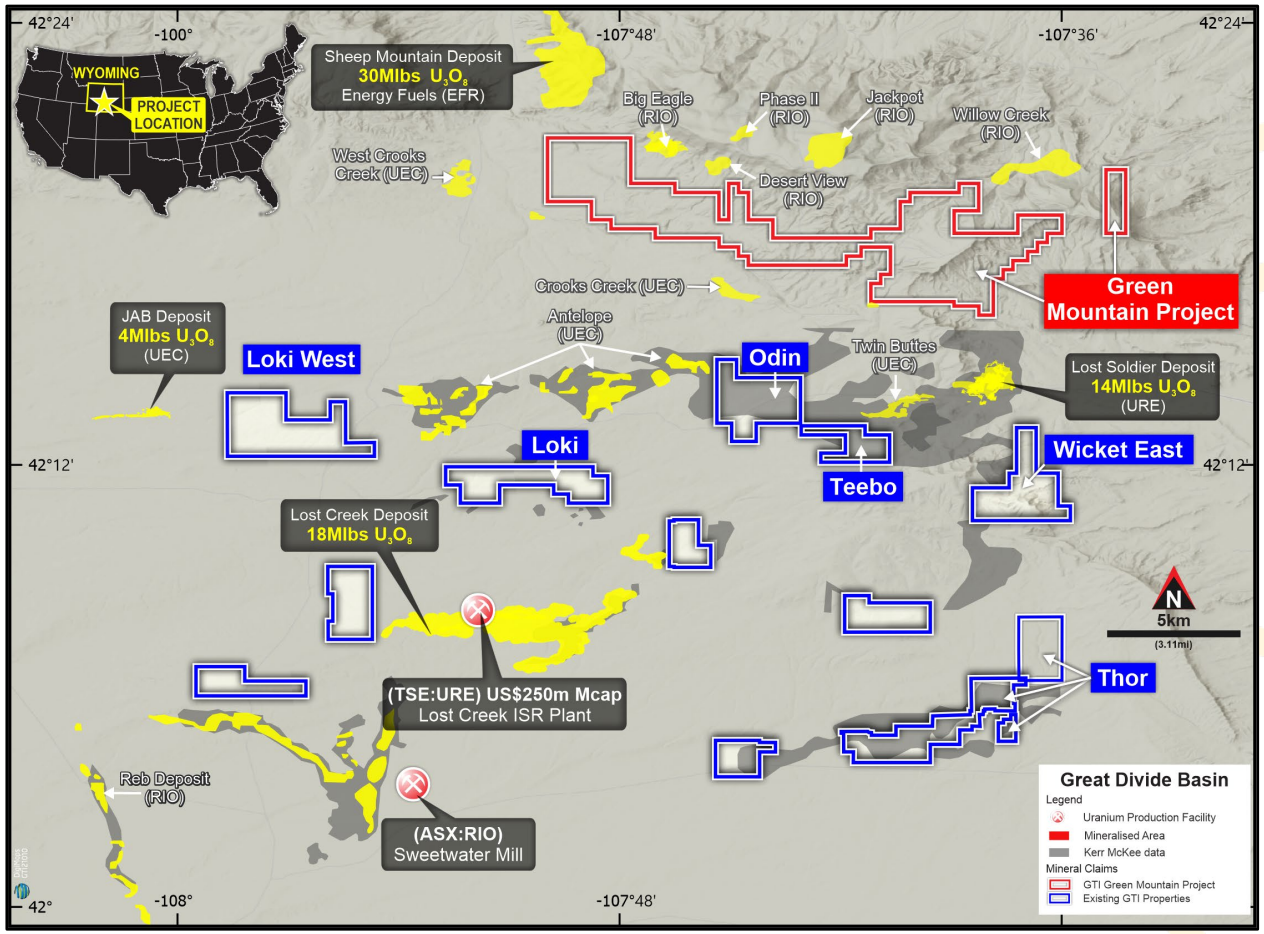
Economic advantage - operate at ~ 2/3 the cost of conventional mining

Average CAPEX of ISR operations less than 15% of conventional mines

Source: United States Nuclear Regulatory Commissions (www.nrc.gov) (1) World Nuclear Association – World Mining Uranium Production (December 2020) (2) TradeTech – The Nuclear Review (October 2016)

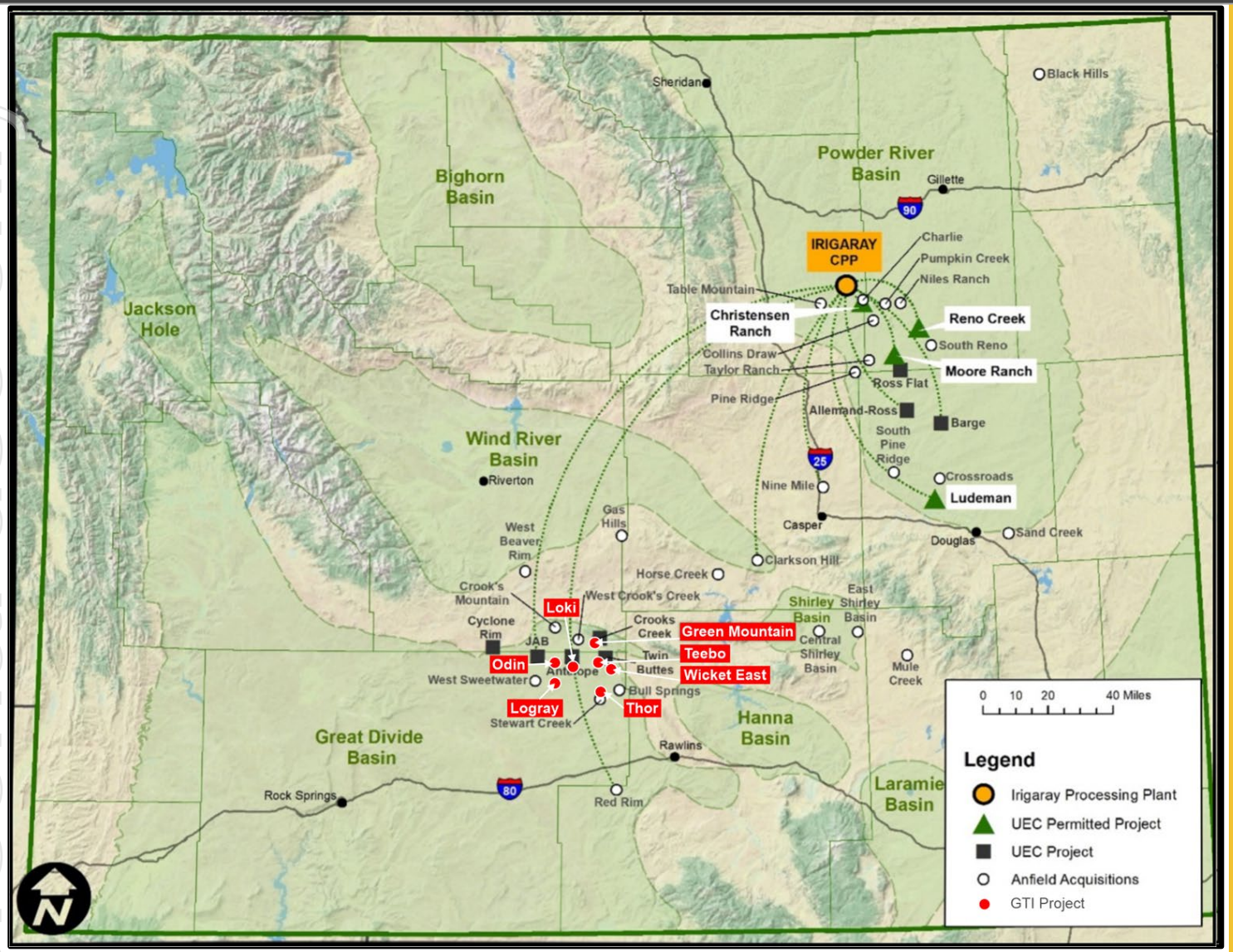
# WYOMING ISR PROJECT LOCATIONS




Richly mineralised basins with ISR amenable sandstone deposits & active producers

# HUB & SPOKE STRATEGY




"UEC's Wyoming Hub and Spoke Platform holds the largest resource base of fully permitted In-Situ Recovery ("ISR") projects in the United States"

Amir Adnani, President and CEO

# WHY WE CHOSE THE GDB PROJECTS

**Ur-Energy** @Ur_Energy · Jan 10

From 2013-2015, Ur-Energy's C1 cash cost at our mine site was approx. $16 per pound. Today, the company anticipates that we will reach that price once again. Hear the details from John Cash, Chairman, CEO & President: youtu.be/1asrtOukOzc

- Proven ISR uranium prospective sandstone geology
- The Great Divide Basin was drilled in 1970's/80's by US majors incl Kerr McGee Uranium, Conoco Minerals, Phillips, Wold Nuclear Co, Union Carbide, Occidental Petroleum, Western Nuclear & Pathfinder Mines. Data mostly confidential but Kerr McGee released data incl. **drill maps**
- **GTI's properties are located proximate to REDOX front, known deposits & guided by Kerr McGee drilling maps**
- Close to major players like UR-Energy (producing) Rio Tinto & UEC
- **Notable nearby deposits** include Energy Fuel's (EFR) 30Mlb Sheep Mountain, Ur-Energy's (URE) Lost Soldier, UEC's (UEC) Jab & Antelope & Rio Tinto's (RIO) Big Eagle (past producing), Jackpot, Desert View, Phase II and Willow Creek
- **Neighbouring Ur-Energy, claims that the Lost Creek ISR facility (within 15kms from Thor) is the lowest cost producer outside Kazakhstan**

UR-ENERGY'S OPERATING LOST CREEK ISR PLANT

THOR IS WITHIN ~15 KMS OF LOST CREEK

# KEY OPERATIONAL PEOPLE

## Doug Beahm, PE, PG, Principal BRS inc. Riverton, Wyoming

- Principal Engineer with over 45 years of experience in mineral exploration and project evaluation.
- Professional Engineer (Wyoming, Utah, and Oregon) and a Professional Geologist (Wyoming).
- Worked in uranium exploration, mining, and mine land reclamation in the Western US since 1975.
- Discovered the Jab deposit.

## James Baughman, QP (SME-RM) GDB/Red Desert, Wyoming Geologist.

- Former President & CEO High Plains Uranium (sold for US $55M in 2006) & Cyclone Uranium.
- 30+ years experience advancing minerals projects from grassroots to advance stage.
- Held senior positions incl. Chief Geo, Chairman, President, CFO & COO in private & pub cos
- Registered professional geologist (P. Geo) in the State of Wyoming.
- Member of the Society of Mining, Metallurgy, and Exploration (SME) and a Qualified Person (QP) on the Toronto Stock Exchange (TSX) and Australian Stock Exchange (ASX).

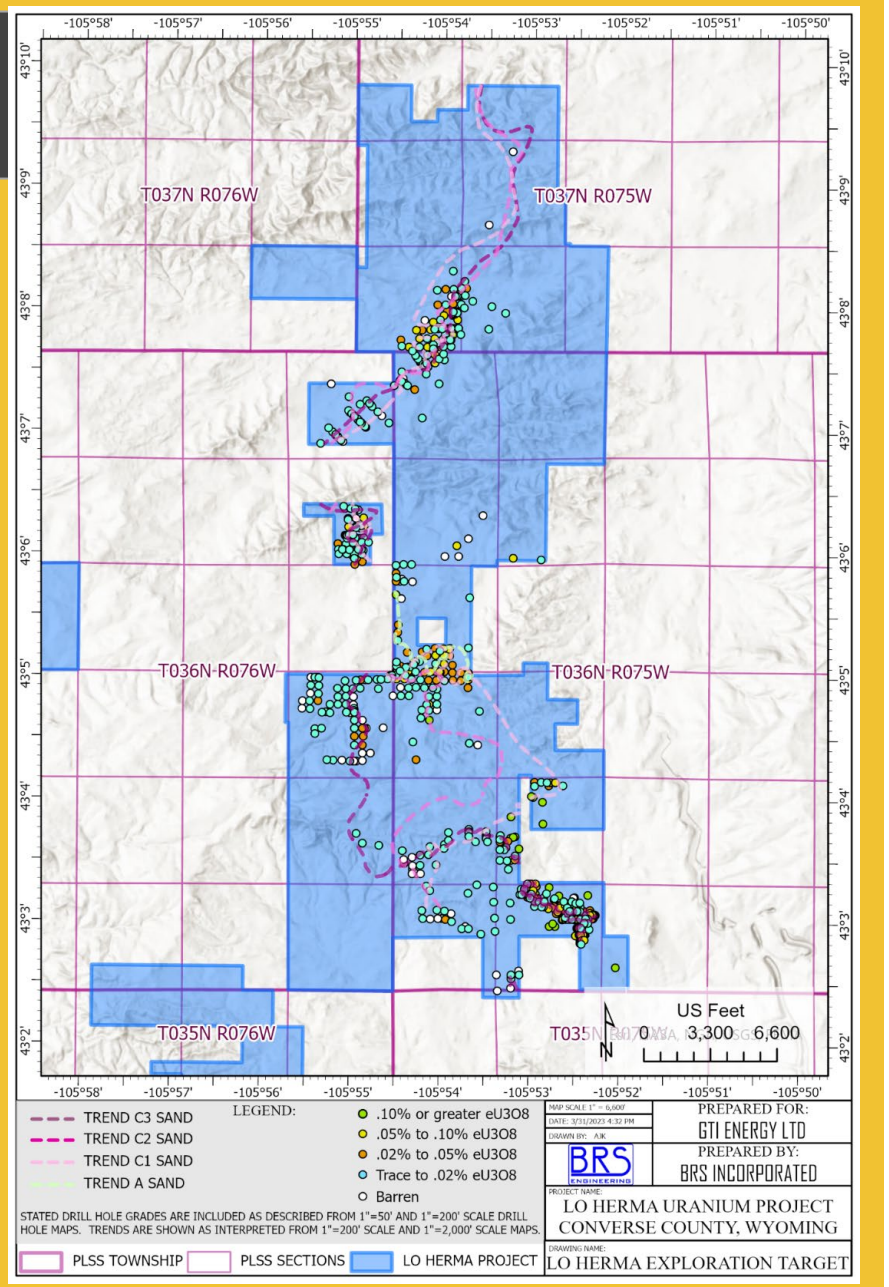
# 2022 GDB DRILLING

- Projected roll front trends increased to **7.5 miles** (39,614 ft)
- New trend in Section 29 with best hole a strong GT of 2.55
- 2.65 miles of new roll front discovered at Odin, Teebo & Loki with best hole to date 0.78 GT vs. target 0.2 GT cut-off
- 103-hole program completed across the Great Divide Basin prospects including 70-holes (34,010 ft) at Thor and 33-holes (30,210 ft) combined across Odin, Teebo & Loki
- 29 of 33 holes at Odin, Teebo & Loki found uranium mineralisation
- Conducive to ISR recovery, water table 100-200 ft above host sands

[1] ASX release 29 March 2022
[2] Typical economically viable ISR grade & GT cut-offs are: 0.02% (200 ppm) $U_3O_8$ & 0.2GT i.e., 10 ft (3m) @ 0.02% (200 ppm) $U_3O_8$

# LO HERMA HISTORICAL DRILLING

- ~12,000 acres in Wyoming's prolific Powder River Basin
- 1970's data set incl. 1,445 drill logs (530,000 ft) worth ~$15m*
- Data equates to 7x holes( 5 x footage) drilled by GTI to date.
- logs demonstrate sandstone hosted uranium with economic potential
- GTI believes sufficient historical data exists for an inferred mineral resource by June 31st, 2023, without further drilling
- 10 miles from Cameco's Smith Ranch-Highland ISR plant (largest in Wyoming) & within 100 miles of Peninsula Energy (PEN) & Ur-Energy (URE)  0 both in production by H2 2023
- 5 permitted ISR uranium production facilities & several satellite uranium deposits are located within ~50 miles




*$15m based on 530,000 feet of drilling at a current estimated "all in" drilling cost of US$20 p/foot & an exchange rate of A$0.70 per US$1

# RESOURCES & EXPLORATION TARGETS

| INFERRED RESOURCES* | TONNES (MILLIONS) | AVERAGE GRADE (PPM $U_3O_8$) | CONTAINED $U_3O_8$ (MILLION POUNDS) |
|---|---|---|---|
| **GDB INFERRED MRE** | **1.32** | **570** | **1.66** |

| EXPLORATION TARGETS** | MIN TONNES (MILLION TONNES) | MAX TONNES (MILLION TONNES) | MIN GRADE (ppm $U_3O_8$) | MAX GRADE (ppm $U_3O_8$) | MIN LBS (MILLION $U_3O_8$) | MAXM LBS (MILLION LBS $U_3O_8$) |
|---|---|---|---|---|---|---|
| GDB Exploration Target Range | 6.55 | 8.11 | 420 | 530 | 6.10 | 9.53 |
| Lo Herma Exploration Target Range | 7.31 | 9.02 | 500 | 700 | 8.05 | 13.92 |
| **TOTAL EXPLORATION TARGET** | **13.86** | **17.13** | | | **14.15** | **23.45** |

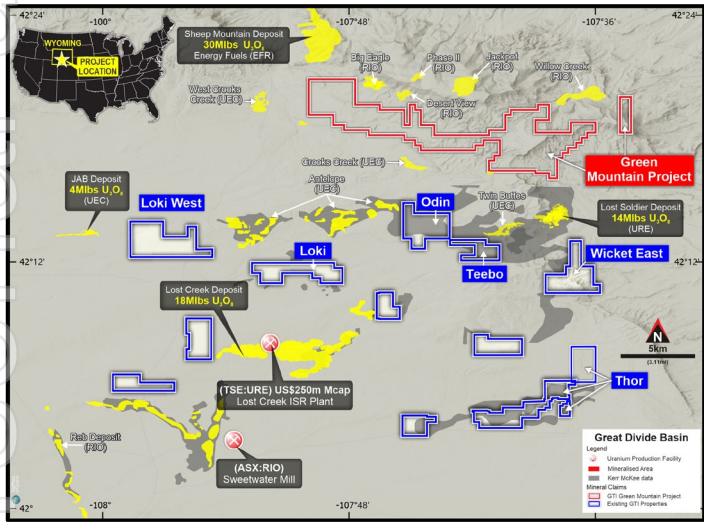
* Refer to ASX release on 05 March 2023

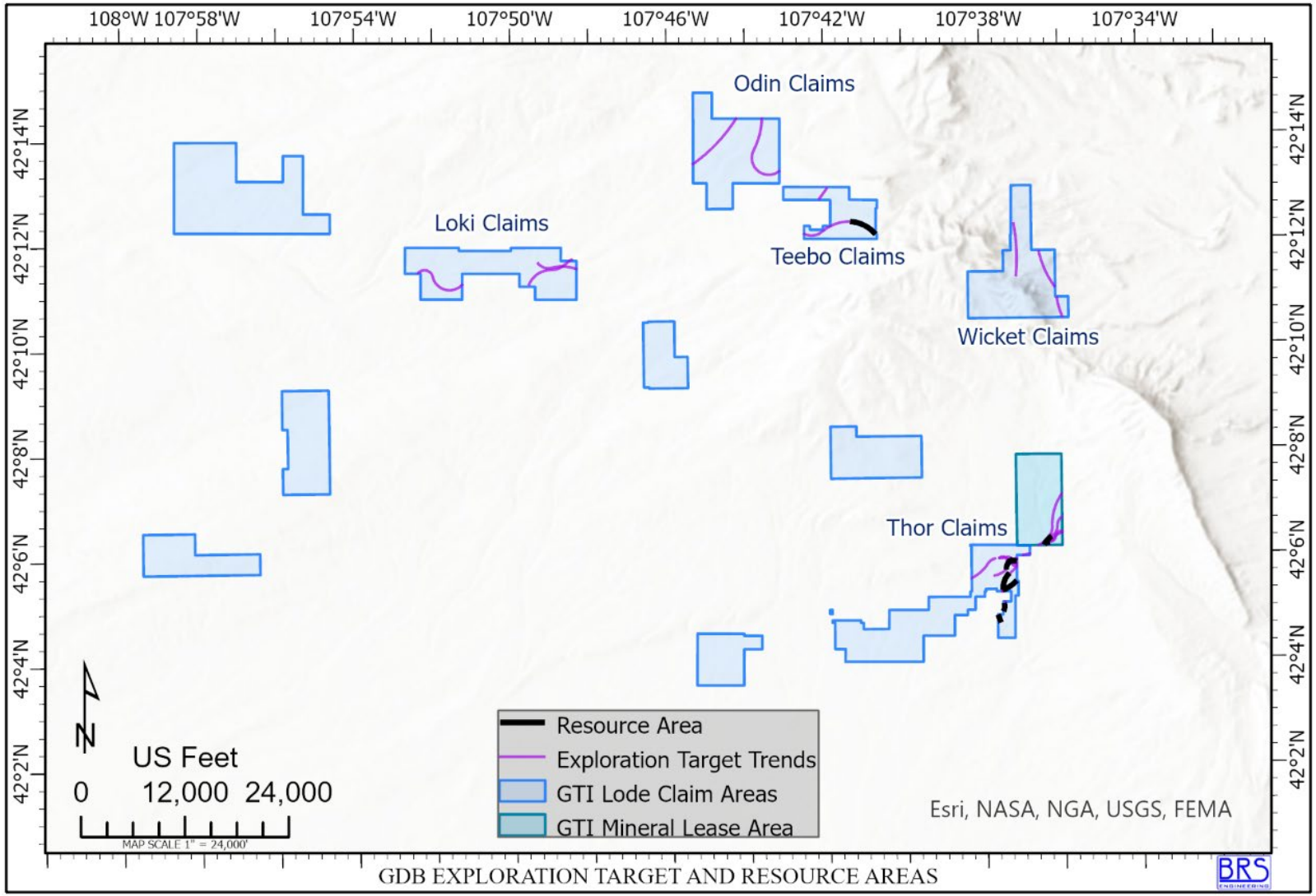
** The initial Exploration Targets do not include areas of Mineral Resource. The potential quantity and grade of the Exploration Targets is conceptual in nature. There has been insufficient exploration to estimate a JORC-compliant Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource in the defined exploration target areas.

# GREAT DIVIDE EXPLORATION PLAN

## GREAT DIVIDE BASIN

- Potential follow-up drilling 2023/24
- Airborne geophysics @ Loki West

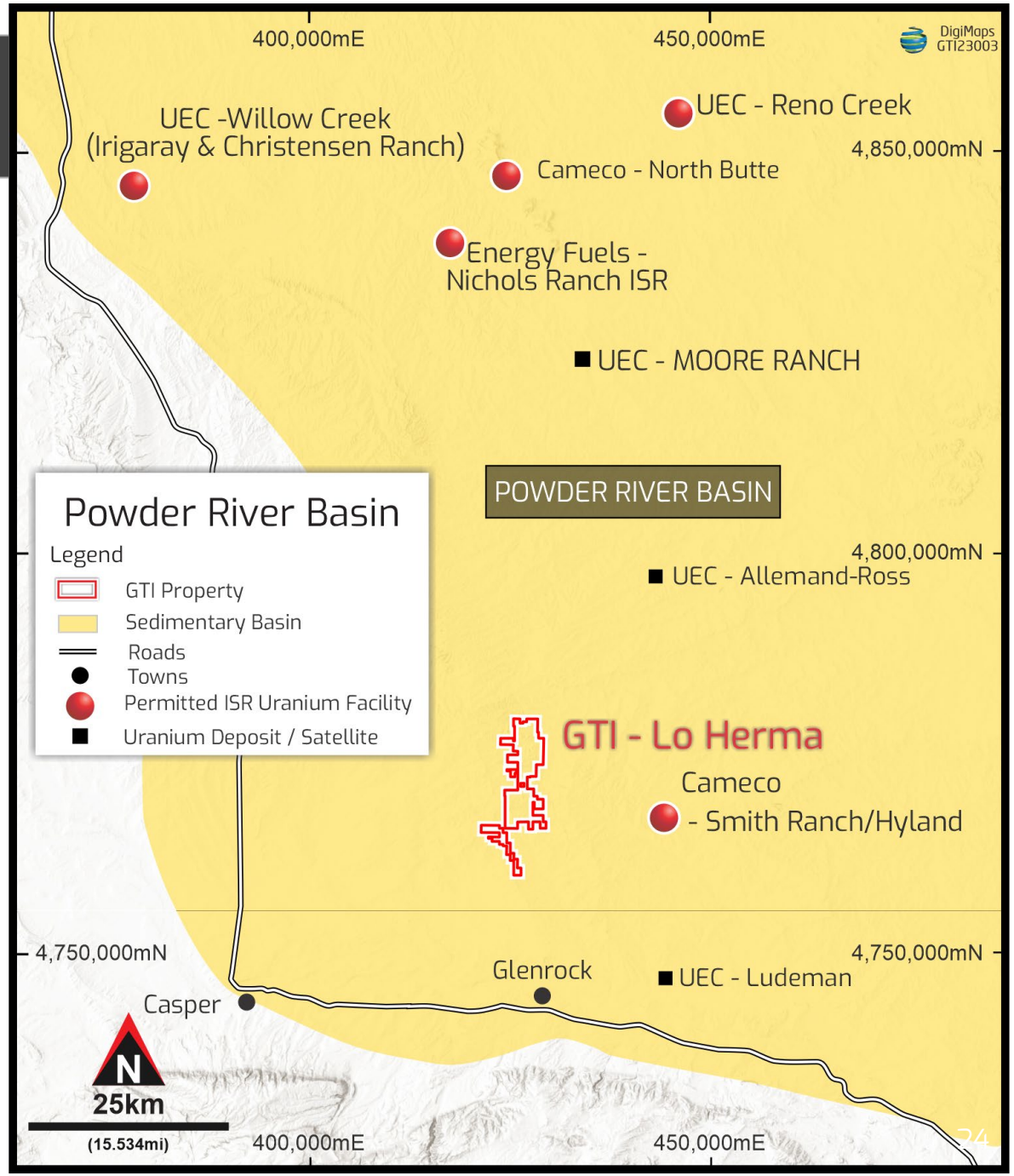


# LO HERMA EXPLORATION PLAN

## LO HERMA - POWDER RIVER BASIN

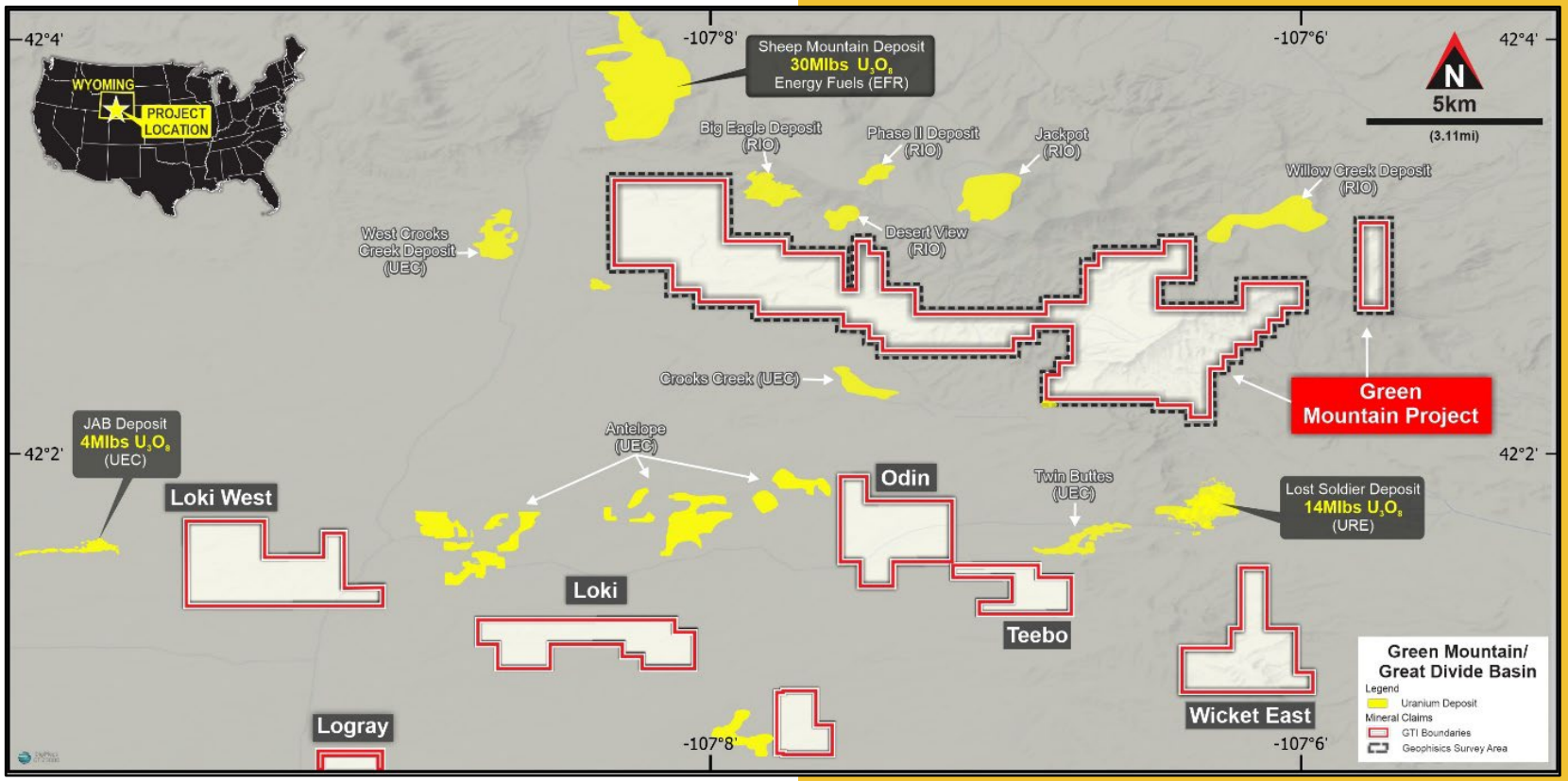
- Digitise & analyse historical data
- Maiden JORC Resource By end Q2 2023
- Airborne geophysics
- Drill targeting – verification, hydrogeolical & exploration (strike & depth)
- Permitting
- Drilling Q3/Q4 2023



# GREEN MOUNTAIN EXPLORATION PLAN

## GREEN MOUNTAIN

- Drill targets to be tested with airborne geophysics April/May
- Refine drill targeting
- Permitting
- Drilling Q3/4 of 2023



# PATH TO PRODUCTION

GTi energy.
Clean Mining. Clean Energy. Clean Future.

*Define*

## Drill Resource

Phase 1

Drill to define the resource & then prepare PEA (PFS)

*Plan*

## Feasibility

Phase 2

Prepare Feasibility Study & development plan, plant design & permitting

*Construct*

## Build Mine & Plant

Phase 3

Develop bore field, build ion-exchange, precipitation & drying plants

# CORPORATE SUMMARY

| GTI Energy Ltd as at 5 April 2023 | |
|---|---|
| **Markets:** | **ASX & OTC** |
| **ASX Codes:** | **GTR & GTRO** |
| **OTC Code:** | **GTRIF** |
| **Share Price:** (05/04/23) | **~A$0.08** |
| **Total Ordinary Shares:**[1] | **1,792,483,579** |
| **Market Capitalisation:** | **~A$17m** |
| **Cash:** (excl $1.354m rights issue) | **A$3.4m** |

1. Ordinary shares does not include:
- 300,513,059 listed options (ASX: GTRO) exercisable at $0.03 expiring on or before 20/10/2024
- 5,500,000 unexercised performance rights held by directors and management of GTI
- 37,500,000 unvested & unexercised performance rights held by the vendors of Branka Minerals LLC
- 130,000,000 listed options (ASX: GTRO) exercisable at $0.03 expiring on or before 20/10/2024 subject to shareholder approval on 11 May 2023

## NATHAN LUDE
Masters of Asset Management, Post Grad Diploma in Asset Management and Bachelor of Business.
Non-Executive Chairman

## BRUCE LANE
BCom, MSc (LBS), GAICD.
Executive Director

## JAMES BAUGHMAN
QP (SME-RM) GDB/Red Desert, Wyoming Geologist.
Executive Director

## PETAR TOMASEVIC
Non-Executive Director

## MATTHEW FOY
BCom, GradDipAppFin, GradDipACG, SAFin, FGIA, FCIS
Company Secretary

# GTI'S EVOLUTION

GTI energy.
Clean Mining. Clean Energy. Clean Future.

## 2020/21

- GDB ISR Project Acquired
- Secured Team
- Maiden Drilling Success
  100 drill holes
- Gold Divested to ASX:R8R
- Name Changed to GTI Energy
- Green Mountain Project Acquired

## 2022

- GDB Follow up Drilling completed end 2022
  103 drill holes
- Green Mountain Drill Targeting
- Lo Herma Staking Commenced

## 2023

- **Lo Herma** *Staking & Historical Data Acquired*
- **Lo Herma** *Data Digitised. Exploration Target Reported & Airborne Geophysics Flown*
- **GDB** *Maiden Resource Report Q1 2023*
- **Lo Herma** *Maiden Resource Report H1 2023 & Drill Planning*
- **Green Mountain** *Airborne Geophysics & Drill Plan, Permitting*
- **Lo Herma** *Verification Drilling & Resource Upgrade*
- **GDB** *Follow-up*

Completed → Upcoming

# THE WRAP UP

GTi energy.
Clean Mining. Clean Energy. Clean Future.

1. The US has re-committed to nuclear & domestic uranium creating a generational opportunity for domestic producers.
2. Uranium demand & price are improving as supply tightens.
3. Our projects are in a top tier ISR mining jurisdiction with the worlds largest customers on the doorstep.
4. We plan to deliver more JORC resources by end Q2 2023.
5. GTI is surrounded by uranium companies pursuing “hub and spoke” strategies.
6. GTR’s market cap @ ~$17m is leveraged to success.

ASXGTR

Clean **Mining**
Clean **Energy**
Clean **Future**

# CLEAN FUEL FOR A CLEAN ENERGY F[92 U]TURE


333c Charles Street, North Perth, WA 6006

+61 (0) 8 9226 2011

info@gtienergy.au


ASX: GTR & GTRO

OTC: GTRIF

GTi energy.

Clean Mining. Clean Energy. Clean Future.

gtienergy.au