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EMERGING  
**URANIUM**  
PRODUCER

## Corporate Presentation – December 2021

URANIUM ENERGY CORP | NYSE AMERICAN: **UEC** | [URANIUMENERGY.COM](http://URANIUMENERGY.COM)



# Disclaimer

Statements contained in this presentation which are not historical facts are forward-looking statements that involve risks, uncertainties and other factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements. Factors that could cause such differences, without limiting the generality of the following, include: risks inherent in exploration activities; volatility and sensitivity to market prices for uranium; volatility and sensitivity to capital market fluctuations; the impact of exploration competition; the ability to raise funds through private or public equity financings; imprecision in resource and reserve estimates; environmental and safety risks including increased regulatory burdens; unexpected geological or hydrological conditions; a possible deterioration in political support for nuclear energy; changes in government regulations and policies, including trade laws and policies; demand for nuclear power; failure to obtain necessary permits and approvals from government authorities; weather and other natural phenomena; and other exploration, development, operating, financial market and regulatory risks. Although Uranium Energy Corp believes that the assumptions inherent in the forward-looking statements are reasonable, undue reliance should not be placed on these statements, which only apply as of the date of this release. Uranium Energy Corp. disclaims any intention or obligation to update or revise any forward-looking statement, whether as a result of new information, future event or otherwise.'

**Notice to U.S. Investors:** The mineral resources referred to herein have been estimated in accordance with the definition standards on mineral resources of the Canadian Institute of Mining, Metallurgy and Petroleum referred to in NI 43-101 and are not compliant with U.S. Securities and Exchange Commission (the "SEC") Industry Guide 7 guidelines. In addition, measured mineral resources, indicated mineral resources and inferred mineral resources, while recognized and required by Canadian regulations, are not defined terms under SEC Industry Guide 7 and are normally not permitted to be used in reports and registration statements filed with the SEC. Accordingly, we have not reported them in the United States. Investors are cautioned not to assume that any part or all of

the mineral resources in these categories will ever be converted into mineral reserves. These terms have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. In particular, it should be noted that mineral resources which are not mineral reserves do not have demonstrated economic viability. It cannot be assumed that all or any part of measured mineral resources, indicated mineral resources or inferred mineral resources will ever be upgraded to a higher category. In accordance with Canadian rules, estimates of inferred mineral resources cannot form the basis of feasibility or other economic studies. Investors are cautioned not to assume that any part of the reported measured mineral resources, indicated mineral resources or inferred mineral resources referred to herein are economically or legally mineable.

**Exploration Target Disclosure:** In the Company's subject technical report all tonnages, grade, and contained pounds of uranium should not be construed to reflect a calculated mineral resource (inferred, indicated, or measured). The potential quantities and grades, as stated in the technical report, are conceptual in nature and there has been insufficient work to date to define a NI 43-101 compliant resource. Furthermore, it is uncertain if additional exploration will result in the discovery of an economic mineral resource on the project.



# Leading Pure Play, American Uranium Producer

UEC'S HOBSON PLANT – TEXAS HUB & SPOKE OPERATIONS

Production ready, licensed, low-cost  
In-Situ Recovery (ISR) mining in Texas and  
Wyoming

Largest resource base of fully permitted ISR  
projects of any U.S. based producer

Newly established U.S. warehoused  
inventory of 4.1 M lbs.  $U_3O_8$

\$235.4 million of cash and liquid assets,  
positioning UEC with a leading balance  
sheet in the uranium sector

Developing the newest and largest ISR  
production-area in the U.S. at Burke Hollow  
in South Texas

**UEC**  
Uranium Energy Corp

# Robust Nuclear Power Growth

442

Operable Reactors  
Worldwide

51

Units Under  
Construction

58

New Reactors  
Connected since 2012

3.1%

CAGR Uranium Demand  
Growth Expected  
(2020-2040)<sup>1</sup>

**CHINA** is planning at least 150 new reactors in the next 15 years<sup>2</sup>

**INDIA** plans for 21 new nuclear reactors by 2031

**U.A.E.** completed 2 reactors; 2 units under construction

**U.K.** upgrading nuclear fleet to new advanced reactors

**RUSSIA** is building 36 reactors in China, India, Bangladesh, Turkey, Egypt, Iran, Finland, Belarus, Slovakia, Armenia, Uzbekistan and Hungary

**JAPAN** 33 operable reactors, Energy Plan targeting 20-22% nuclear power, nuclear deemed essential to achieve net-zero target by 2050

**U.S.** is completing two new AP-1000 reactors in Georgia and has maintained a 20% market share for 30 years with power uprates and efficiency = to 32 new reactors as electricity demand grew over 36% from 1989-2019 – A Stealth Growth Story!



Source: IAEA PRIS Dec 2, 2021; <sup>(1)</sup> WNA Fuel Report Sep 2021; <sup>(2)</sup> Bloomberg Green Nov 2, 2021; NEI Dec 2020, March 2021

# Nuclear Power is Critical to U.S. Energy

**Bi-Partisan Support** – First Time in 48 years Democratic Party Supports Nuclear Energy

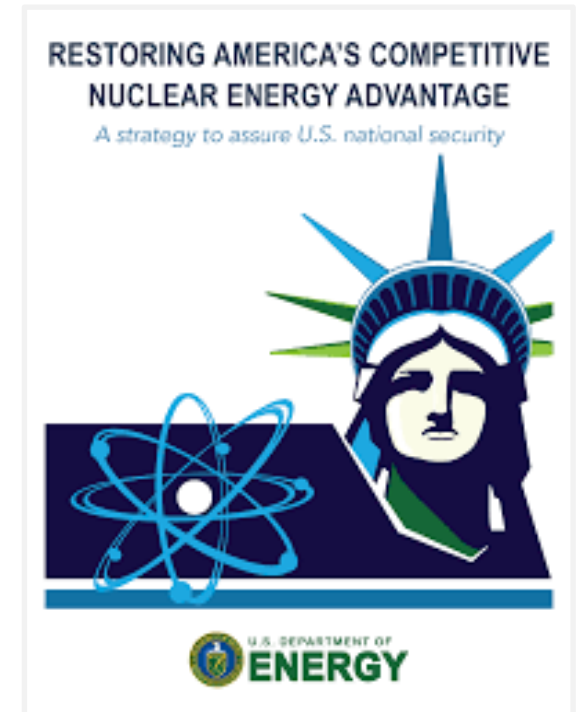
The U.S. Senate has passed a **Bipartisan infrastructure bill** that provides a \$6B nuclear credit program for qualifying nuclear plants with priority given to reactors using uranium produced in the United States

**The U.S. has set a goal to reach 100% carbon pollution-free electricity by 2035** – Nuclear Energy “Absolutely Essential” (US Energy Secretary Jennifer Granholm)

**2nd Largest Source of Electricity** – Largest Source of Carbon-Free Power Generation

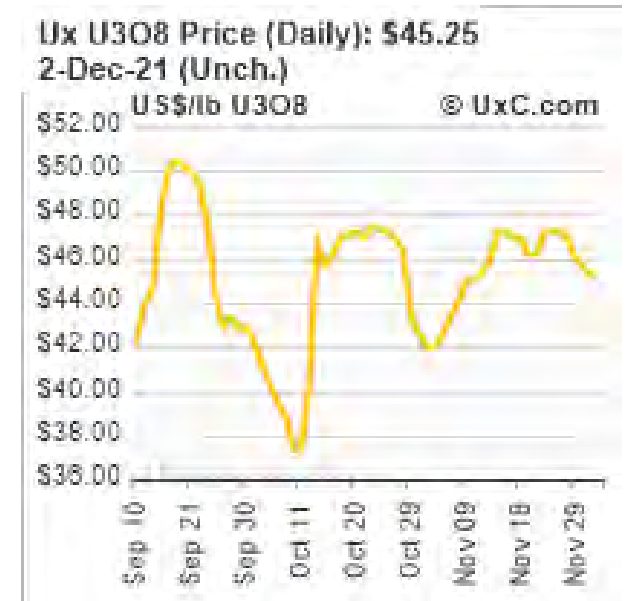
**No U.S. Uranium Production** Despite Operating the World’s Largest Nuclear Reactor Fleet

**Strategic Uranium Reserve – \$1.5 Billion Program**  
Over 10 Years for Domestic Uranium and Conversion  
(Appropriations for \$75 million scheduled for 2022)



# Uranium Spot Price Accelerating with Entry of Financial Players led by Sprott Uranium Trust

At \$45.25/lb, price still well below 2011 at \$70 high and incentive levels for new primary production



Source: TradeTech, Numerco, UxC, LLC: [www.uxc.com](http://www.uxc.com)



# Diversified Asset Portfolio

## Low-Cost ISR & Production Ready

**58M lbs. Measured & Indicated**  
**45M lbs. Inferred U<sub>3</sub>O<sub>8</sub>**

**Contracted physical inventory of U.S. warehoused uranium – 2.3 million lbs.**

**Infrastructure - Texas**  
 Hobson Processing Plant - Production Capacity of 2M lbs./year

### Texas Hub & Spoke ISR Portfolio

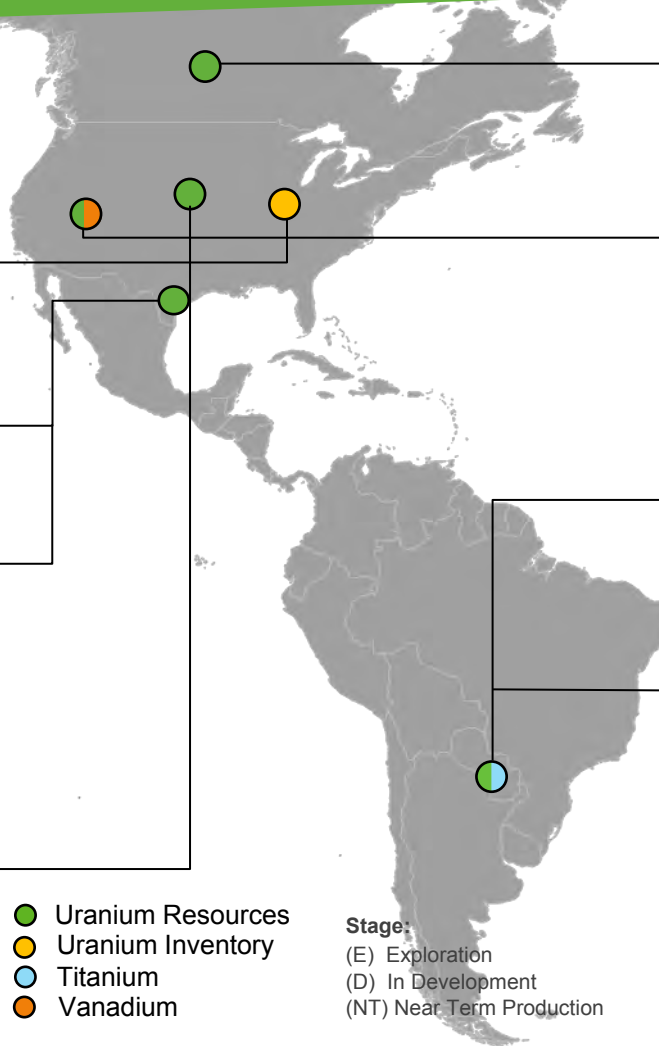
| Project Name                   | Stage | Resources (M lbs.) |          |
|--------------------------------|-------|--------------------|----------|
|                                |       | M&I                | Inferred |
| Palangana (Fully Permitted)    | (NT)  | 1.1                | 1.2      |
| Goliad (Fully Permitted)       | (NT)  | 5.5                | 1.5      |
| Burke Hollow (Fully Permitted) | (NT)  | -                  | 7.1      |
| Salvo                          | (E)   | -                  | 2.8      |

### Reno Creek ISR Project (Approved Permit to Mine)

| Project Name                          | Stage | Resources (M lbs.) |          |
|---------------------------------------|-------|--------------------|----------|
|                                       |       | M&I                | Inferred |
| Reno Creek                            | (NT)  | 26                 | 1.49     |
| Permitted for 2M lbs./year production |       |                    |          |

- Uranium Resources
- Uranium Inventory
- Titanium
- Vanadium

**Stage:**  
 (E) Exploration  
 (D) In Development  
 (NT) Near Term Production



### Canada - Athabasca Basin

| Project Name | Stage | Resources (M lbs.) |          |
|--------------|-------|--------------------|----------|
|              |       | M&I                | Inferred |
| Diabase      | (E)   | NA                 | NA       |

### U.S. Hardrock Pipeline (Uranium & Vanadium)

| Project Name      | Stage | Resources (M lbs.) |          |
|-------------------|-------|--------------------|----------|
|                   |       | M&I                | Inferred |
| Anderson          | (D)   | 17.0               | 12.0     |
| Workman           | (D)   | -                  | 5.5      |
| Slick Rock (U308) | (D)   | -                  | 11.6     |
| Slick Rock (V205) | (D)   | -                  | 69.6     |

### Paraguay ISR Uranium Portfolio

| Project Name       | Stage | Resources (M lbs.) |          |
|--------------------|-------|--------------------|----------|
|                    |       | M&I                | Inferred |
| Yuty               | (D)   | 8.9                | 2.2      |
| Oviedo             | (E)   | 23.56              |          |
| Exploration target |       |                    |          |

### Paraguay Titanium Business

Alto Paraná  
 4.94 Billion Tons Grading 7.41% TiO<sub>2</sub> and 23.6% Fe<sub>2</sub>O<sub>3</sub>

### Strategic Equity Interest

**URANIUM**  
 ROYALTY CORP

18% stake in the Uranium Royalty Corp  
 The only pure play uranium royalty and streaming company and major shareholder in Yellow Cake plc

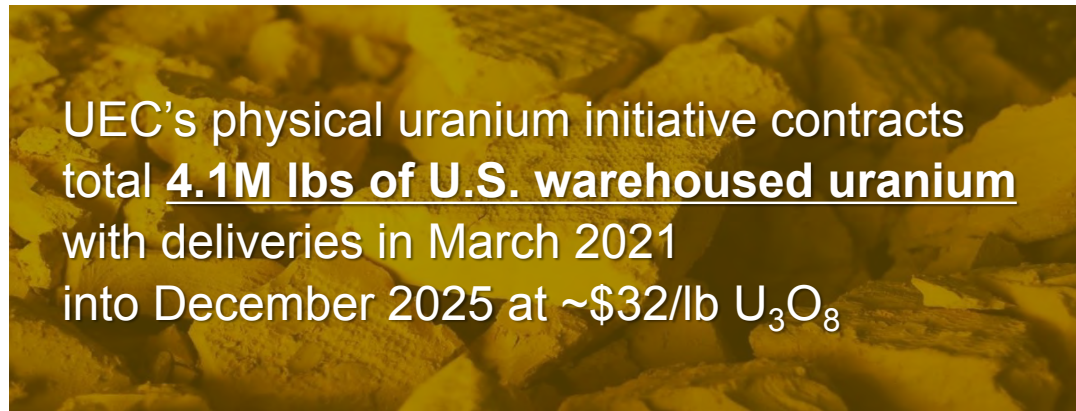
Please refer to a detailed breakdown of NI 43-101 resources and disclaimer in this presentation



# Physical Uranium Initiative

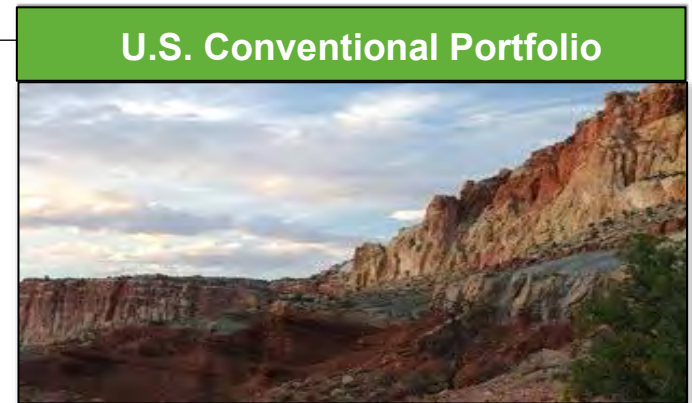
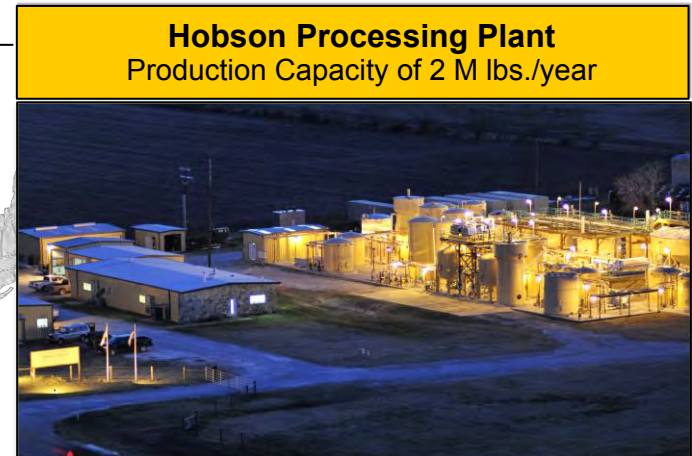
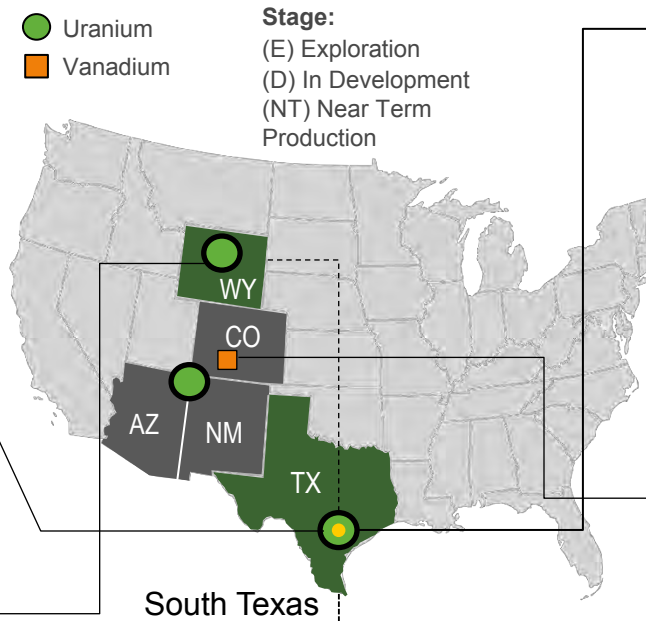
Purchasing drummed uranium at prevailing spot prices below most global industry mining costs:

- ✓ **Bolsters UEC balance sheet** as uranium prices appreciate
- ✓ **Provides strategic inventory** to support future marketing and production efforts and accelerate cashflows
- ✓ **Increases the availability of our Texas and Wyoming production capacity** for emerging U.S. origin specific opportunities





# U.S. Infrastructure, Resources and Permits



**ISR Hub & Spoke  
Production Strategy**

Please refer to technical reports on SEDAR and Company's website for a detailed breakdown of NI 43-101 resources and disclaimer.

# UEC At a Glance

Member of the **Russell 2000®** Index

|  |   |   |   |
|--|---|---|---|
| <b>Cash, Equity and Inventory Holdings<sup>(1,2,3)</sup></b> | <b>~\$235.4 million</b><br>Comprised of \$96.4M in cash, \$82.3M in equity holdings and \$56.7M in physical inventories                   |   |   |
| <b>Share Structure</b>                                       | <b>259.0 M</b><br>Outstanding   | <b>4.9 M</b><br>Warrants + Options & Stock Awards | <b>11.6 M</b><br>Fully Diluted <sup>(1)</sup>   |
| <b>Recent Activity</b>                                       | <b>\$3.65</b><br>As of Dec 2, 2021  | <b>7,463,882</b><br>Avg. Daily Vol. (3-mo)        |   |
| <b>Market Cap</b>  | <b>\$945 M</b><br>As of Dec 2, 2021   | <b>\$10 M<sup>(4)</sup></b><br>Debt               |   |
| <b>Top Shareholders</b>                                      | UEC Team, Blackrock, Vanguard Group, State Street, Fidelity, Northern Trust, UBS, CEF Holdings, Sprott, KCR Fund, and Global X Management |   |   |
| <b>ANALYST COVERAGE</b>                                      | <b>Heiko Ihle</b> , H.C. Wainwright & Co.<br><b>Katie Lachapelle</b> , Canaccord Genuity<br><b>Mitch Vanderydt</b> , Eight Capital        |   | <b>Colin Healey</b> , Haywood Securities Inc.<br><b>Joseph Reagor</b> , ROTH Capital Partners |

(1) As of October 26, 2021

(2) Equity holdings include 15M shares of Uranium Royalty Corp (UROY) having a trading price of US\$5.49 at closing on October 26, 2021

(3) As of October 26, 2021, Inventory holdings include 1.2M lbs of delivered U<sub>3</sub>O<sub>8</sub>, which is part of the 4.1M lbs physical uranium with multiple deliveries between March 2021 to December 2025

(4) In November 2020 and March 2021, UEC made voluntary principal repayments totaling \$10M, reducing the total principal outstanding to \$10M



# Our Team



**Amir Adnani**

**President, CEO, Director**

An entrepreneur, founding CEO of UEC, founder and Chairman of GoldMining Inc., with extensive experience building natural resource companies.



**Spencer Abraham**

**Chairman, Board of Directors**

Served as a U.S. Senator from 1995 to 2001, as Secretary of Energy from 2001 to 2005 and previously as non-executive Chairman of Areva's U.S. board.



**Scott Melbye**

**Executive Vice President**

36 years of experience in senior roles with uranium majors, Cameco, Uranium One, and Kazatomprom. President of Uranium Producers of America and former Chair of the World Nuclear Fuel Market.



**Robert Underdown**

**VP of Production**

Has held senior operational positions at ISR uranium mines in Texas for over 35 years.



**Clyde Yancey**

**VP of Exploration**

Over 35 years of experience in uranium exploration in North and South America.

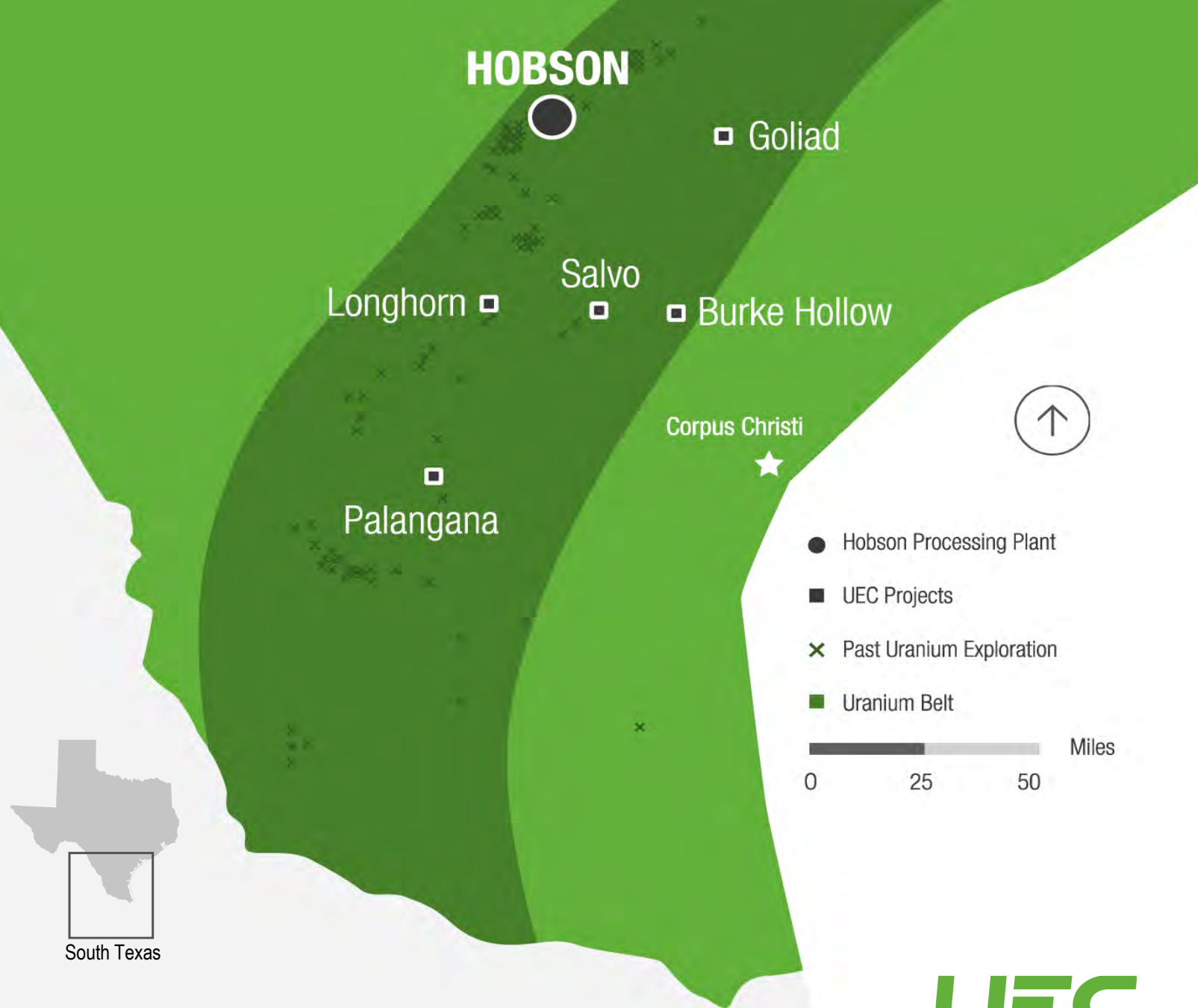


**Andy Kurrus**

**VP of Resource Development**

Over 30 years experience with uranium exploration in the United States.

# Hub & Spoke Production Strategy





**Hobson** is fully licensed and permitted



The Processing Plant has a 2M lbs. / year physical capacity

# Palangana ISR Mine

## First Producing Mine

### Proof of Concept

**\$10M**  
Initial CAPEX

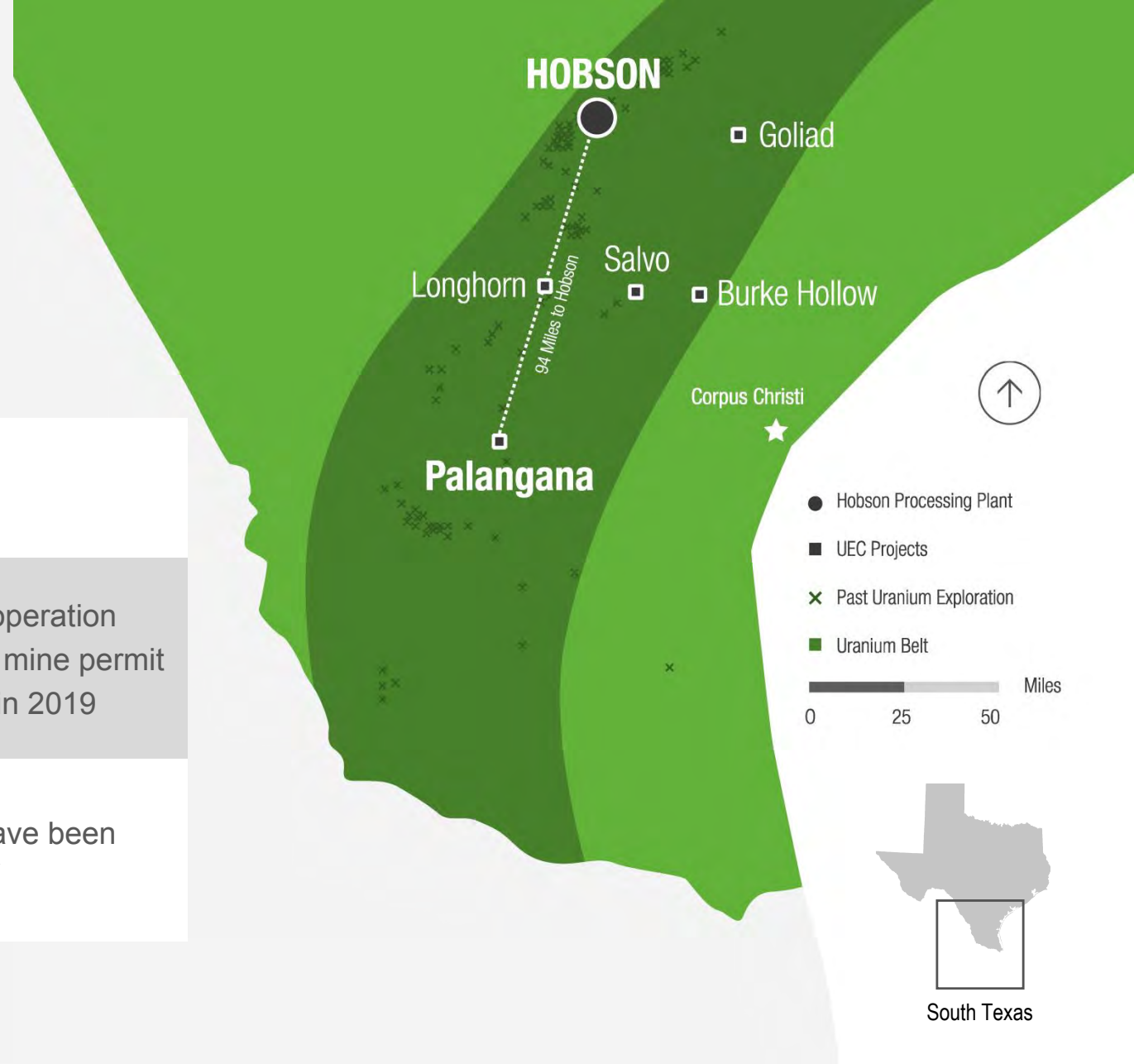
6 months construction timeline

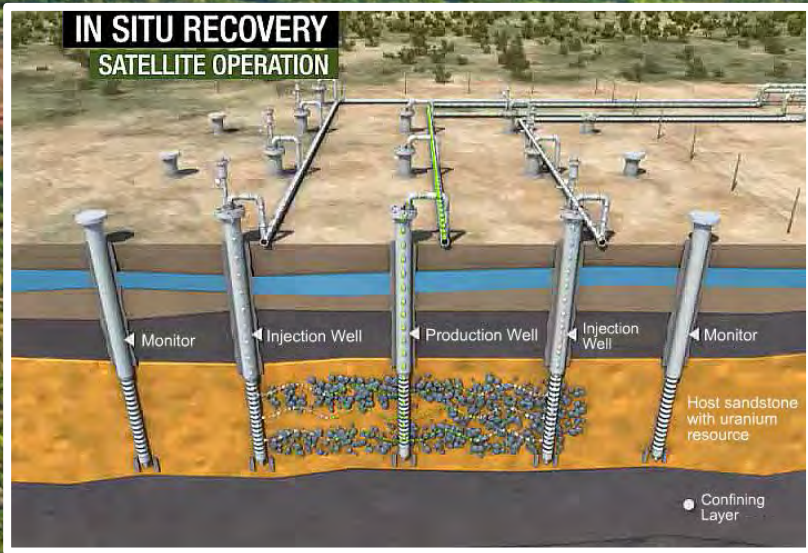
**Production Ready**

- Low cash-cost of \$21.77/lb during operation
- Fully permitted including expanded mine permit
- Received 10-year renewal permits in 2019

**Similar Costs for Future Projects**

- The major permits for production have been issued for Goliad and Burke Hollow





**In-Situ Recovery (ISR) Technology**  
Low Cost & Environmentally Friendly

**Palangana Production Area 1 (PA-1)**

**Palangana Ion Exchange Facility**





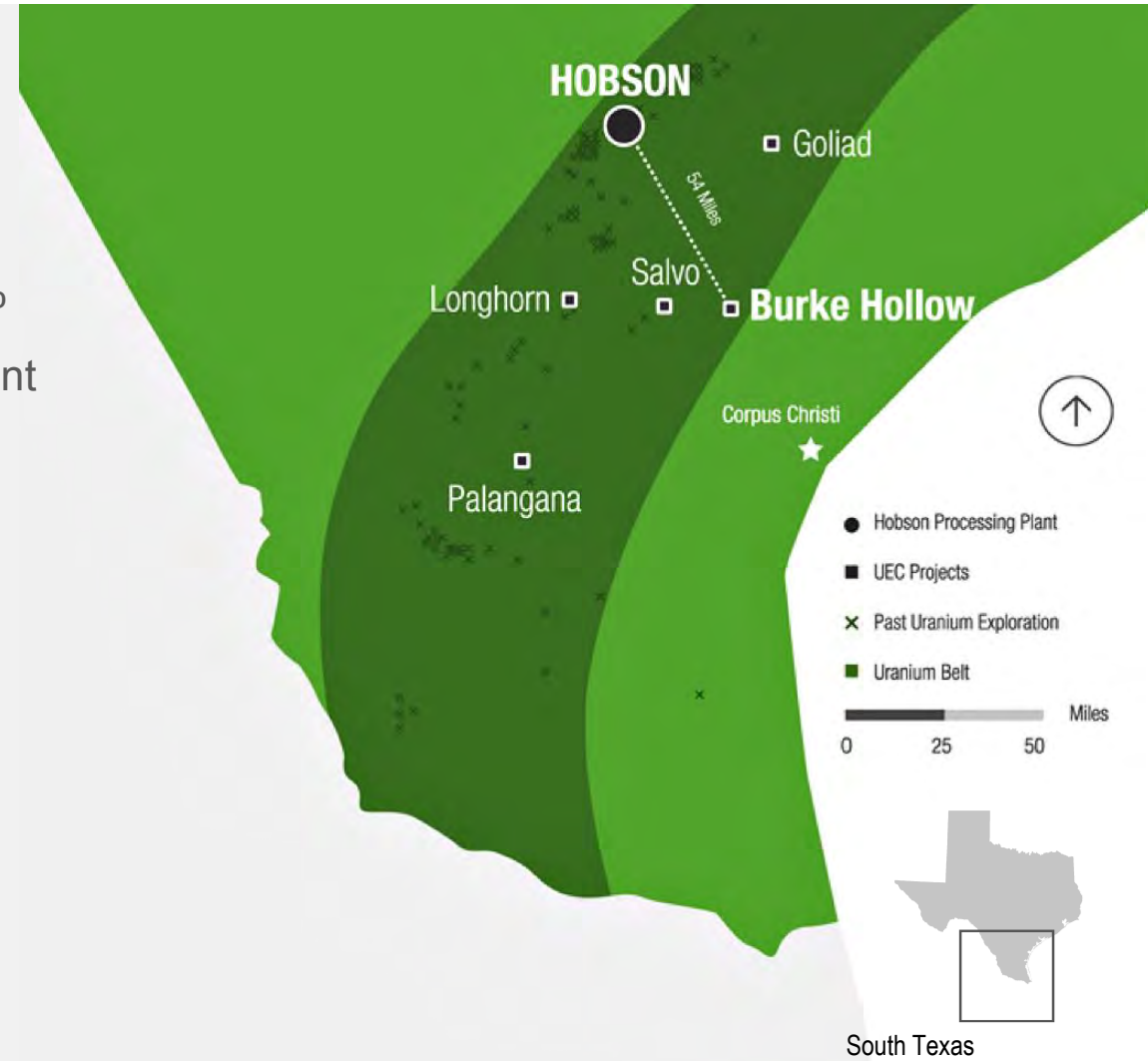
## Resin Hauling Truck And Trailer

**UEC**



# Burke Hollow ISR Project

- Discovery of six trends since 2012
- 7.09M lbs. in 4.06Mt grading 0.088%  $U_3O_8$
- Leach amenability testing indicates recovery greater than 90%
- ~20,000 acres located ~50 miles from Hobson Processing Plant
- 50% of the property unexplored



See news releases dated Jan 26, Apr 14, and Oct 28, 2021. Refer to a detailed breakdown of NI 43-101 resources and disclaimer on slide 2.

# Burke Hollow ISR Project

## Advancing Towards Uranium Extraction

The following final permits  
have been issued:

- ✓ Mine Production Area
- ✓ Two Class I disposal wells
- ✓ Aquifer Exemption
- ✓ Radioactive Materials License



Cased monitor wells in the Production Area 1 at Burke Hollow Project

See news releases dated Jan 26, Apr 14, and Oct 28, 2021. Refer to a detailed breakdown of NI 43-101 resources and disclaimer on slide 2.

# Burke Hollow ISR Project, South Texas

The Newest & Largest ISR Wellfield Being Developed in the U.S.

## *2021 Production Area Development*

- ✓ 126 resource delineation holes and 43 additional monitor wells were completed
- ✓ Permitting activities to include sampling and pumping tests in anticipation of commencing production activities

See news releases dated Jan 26, Apr 14, and Oct 28, 2021. Refer to a detailed breakdown of NI 43-101 resources and disclaimer on slide 2.

# Reno Creek ISR Project

*The largest permitted,  
pre-construction ISR uranium  
project in the U.S.*

Strategic Location within the Heart of the  
**Powder River Basin, Wyoming**

Received a modified Permit to Construct in  
2019, allowing the construction of the  
**Central Processing Plant (CPP)** and ISR  
wellfields



# Reno Creek ISR Project Pre-Feasibility Study Underway

**M&I Resource 26M lbs.**  
of  $U_3O_8$  grading 0.041% within 32Mt\*

**Inferred Resource 1.49M lbs.**  
of  $U_3O_8$  grading 0.039% within 1.92Mt\*

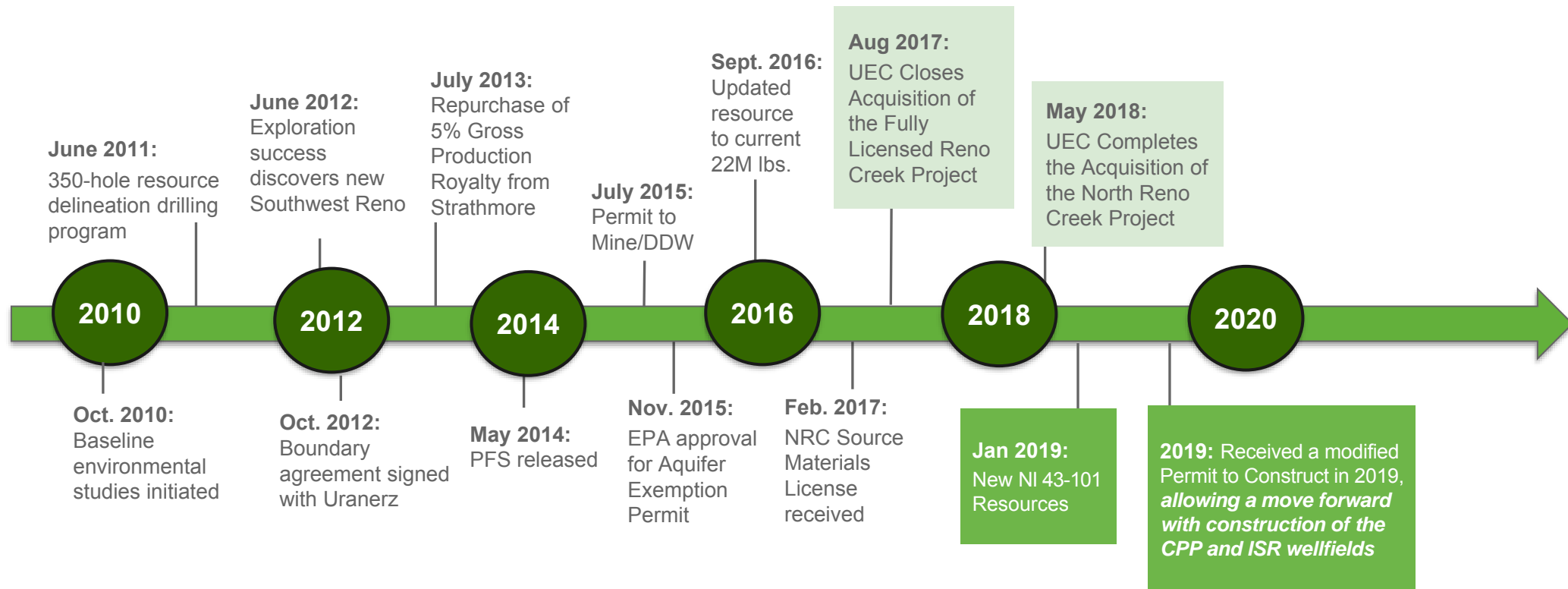
First time since 1980 that the major mineralized trends have been consolidated

Considerable ISR exploration and expansion potential

Production permits in place

\* See news release dated January 15, 2019. Please refer to a detailed breakdown of NI 43-101 resources and see disclaimer on slide 2.

# Reno Creek: Project Timeline



\* See news release dated January 15, 2019. Please refer to a detailed breakdown of NI 43-101 resources and see disclaimer on slide 2.



# Anderson Project - Arizona

|                                     |   |
|-------------------------------------|---|
| <p><b>A Large U.S. Resource</b></p> | <p><b>NI 43-101 compliant resource*:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Indicated Resource:</b> 29.5Mt, 17M lbs. avg. grade of 0.029%</li> <li>▪ <b>Inferred Resource:</b> 14.3Mt, 12M lbs. with avg. grade of 0.046%</li> </ul> |
| <p><b>9,852 Acres</b></p>           | <p>Project located ~75 miles northwest of Phoenix, AZ</p>   |
| <p><b>History</b></p>               | <p>Between 1955-1958 with ~\$40M spent by previous operators, including Urangesellschaft</p>  |
| <p><b>Extensive Work</b></p>        | <p>Feasibility studies, milling studies, and hydrological reports previously completed by third parties</p>   |



\*NI 43-101 Technical Report completed and available on SEDAR and see disclaimer on slide 2

# Slick Rock Project - Colorado

|                              |  |
|------------------------------|--|
| <b>Technical Report</b>      | <b>NI 43-101 Compliant Resource*:</b> <ul style="list-style-type: none"><li>▪ <b>Inferred Resource:</b> 2.5Mt, 11.6M lbs. avg. grade of 0.228%</li><li>▪ <b>Inferred Resource:</b> 2.5Mt, 69.6M lbs. vanadium with avg. grade of 1.37%</li></ul> |
| <b>Low CAPEX</b>             | <ul style="list-style-type: none"><li>▪ \$21M initial CAPEX with an annual production of 438,000 pounds U3O8 + vanadium inferred</li></ul>   |
| <b>Vanadium Resource</b>     | <ul style="list-style-type: none"><li>▪ Resource of 2.549Mt grading 1.37% V2O5 and containing 69.6M lbs.</li></ul>   |
| <b>Nearby Infrastructure</b> | Projected sale of mined product to the White Mesa mill in nearby Blanding, UT  |



\*NI 43-101 Technical Report completed and available on SEDAR and see the Company's disclaimer



# ISR District Opportunity in Paraguay

Similar geology as South Texas and leveraging ~\$50M of historic exploration work by Anschutz and Cameco, including new work completed by UEC.

| Project | Historic Operator      | Stage                     | Resource (M lbs)  |
|---------|------------------------|---------------------------|---|
| Yuty    | Cue Resources / Cameco | Exploration / Development | 8.9M lbs. in 7.8Mt grading 0.052% U3O8 M&I and 2.2M lbs. in 2.1Mt grading 0.047% U3O8 Inferred* |

| Project | Historic Operator | Stage       | Exploration Target (M lbs)                                   |
|---------|-------------------|-------------|--|
| Oviedo  | Anschutz Corp     | Exploration | 23 - 56M lbs. in 28.9 - 53.8Mt grading 0.04% to 0.052% U3O8* |



\*NI 43-101 Technical Report completed and available on SEDAR and see Company's disclaimer



# Alto Paraná Titanium Project

## Project Overview

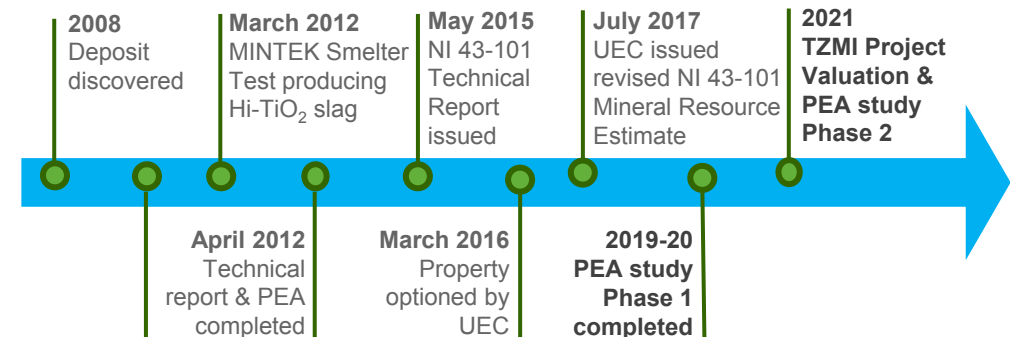
- One of the highest-grade and largest-known Ferro-Titanium deposits in the world
- NI 43-101 compliant resource with a mineral exploration claim of 70,498 hectares
- The PEA's first phase was completed in early 2021 and Resource estimation updated
- **Valuation and Market study completed and PEA Phase 2 underway**



UEC pilot plant at Alto Parana

| Cut-Off % | % TiO <sub>2</sub> | % Fe <sub>2</sub> O <sub>3</sub> | % Ilmenite calc | Tonnes Billions | Thickness (m) |
|-----------|--------------------|----------------------------------|-----------------|-----------------|---------------|
| 6.0       | 7.41               | 23.58                            | 13.95           | 4.94            | 6.61          |

## Project History



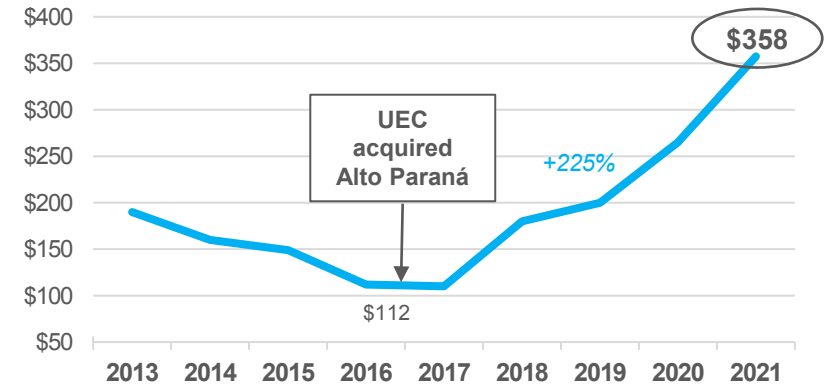
\*NI 43-101 Technical Report completed and available on SEDAR and see disclaimer on slide 2

# Titanium Feedstock Market – TiO<sub>2</sub> prices hitting 3-year highs

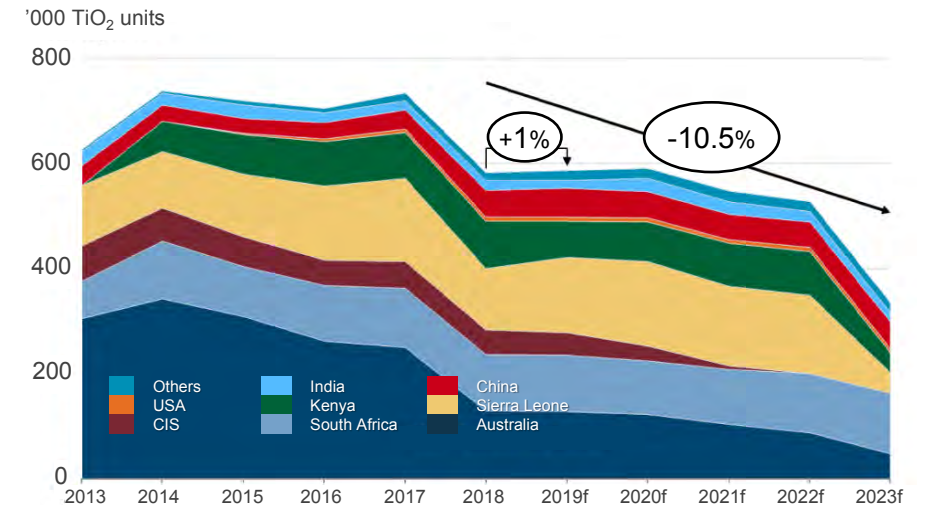
- 90% of TiO<sub>2</sub> feedstocks (ilmenite) used for pigment manufacturing
- Strong price recovery for ilmenite since 2017, with positive outlook, driven by:
  - Strong pigment demand & supply constraints
  - Stringent environmental regulations driving high-grade feedstock fundamentals
  - Anticipated high-grade feedstock supply deficit

**Good fit for Alto Parana – capable of producing high-grade TiO<sub>2</sub> feedstock for both sulfate or chloride slag production**

Price of TiO<sub>2</sub> Feedstock - ilmenite (USD per tonne)



Significant Supply Deficit – High Grade TiO<sub>2</sub> Feedstocks



Source: TZMI Nov 2019, Bloomberg Sep 2021



# Investment Summary

- \$235.4 million of cash and liquid assets, positioning UEC with a leading balance sheet in the uranium sector
- Fully permitted and state of the art infrastructure advantage with Hobson Processing Plant
- Pipeline of fully licensed, low-cost ISR projects – potential production profile of 4M lbs./year in Texas and Wyoming
- Physical uranium initiative includes 4.1M lbs. of U.S. warehoused uranium
- Advancing production-readiness at Reno Creek and Burke Hollow ISR projects
- Only U.S. mined uranium can supply the Department of Energy \$1.5B Uranium Reserve - \$75M Appropriations expected in FY 2022





# Nuclear Energy

*Clean, Safe, Reliable & Economic*

Perfect Compliment to Renewable Wind and Solar

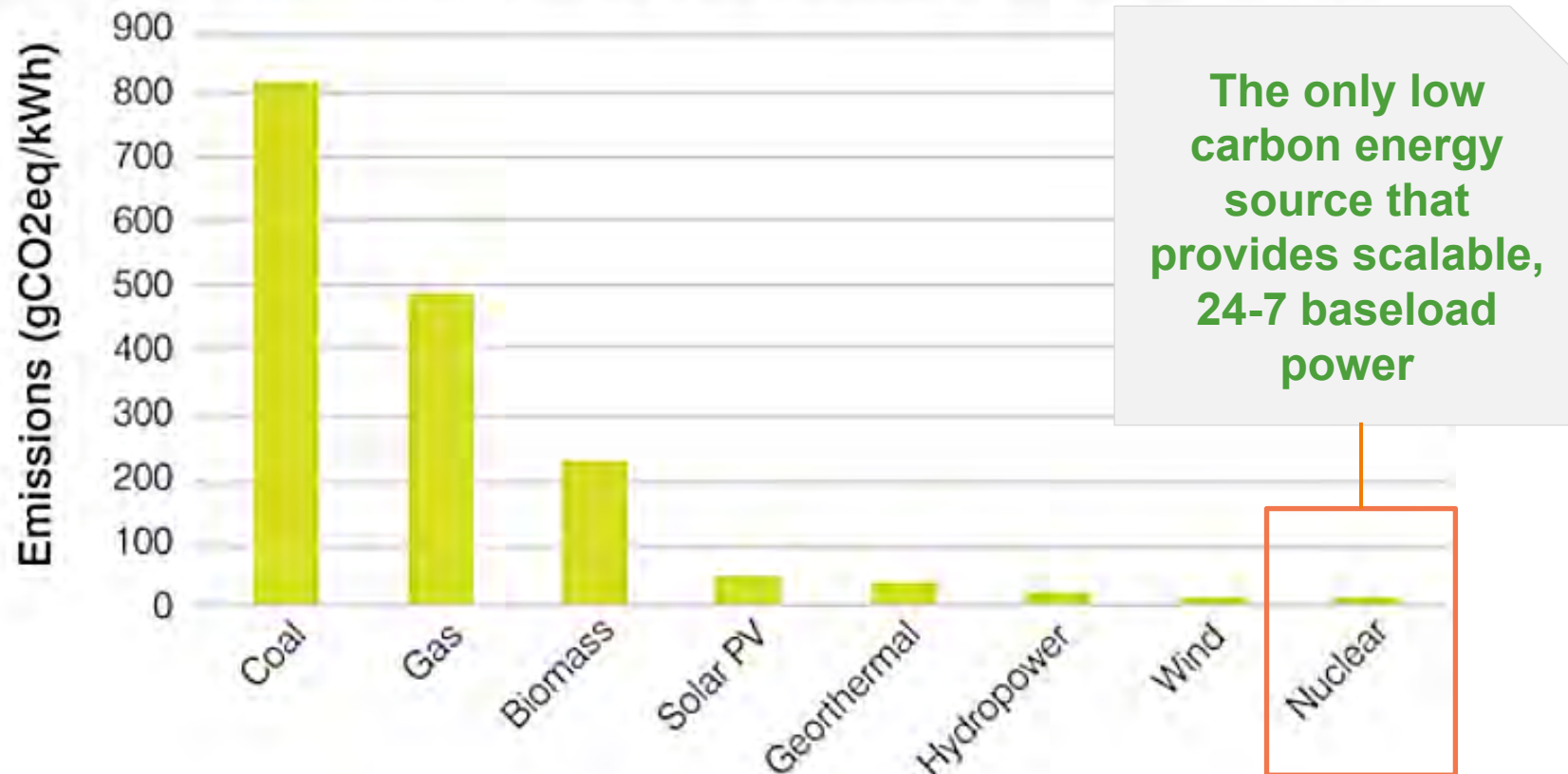
Saves Lives and Improves Quality of Life



# Nuclear Power = Carbon Free - Clean Energy

## 55% of America's Clean Energy

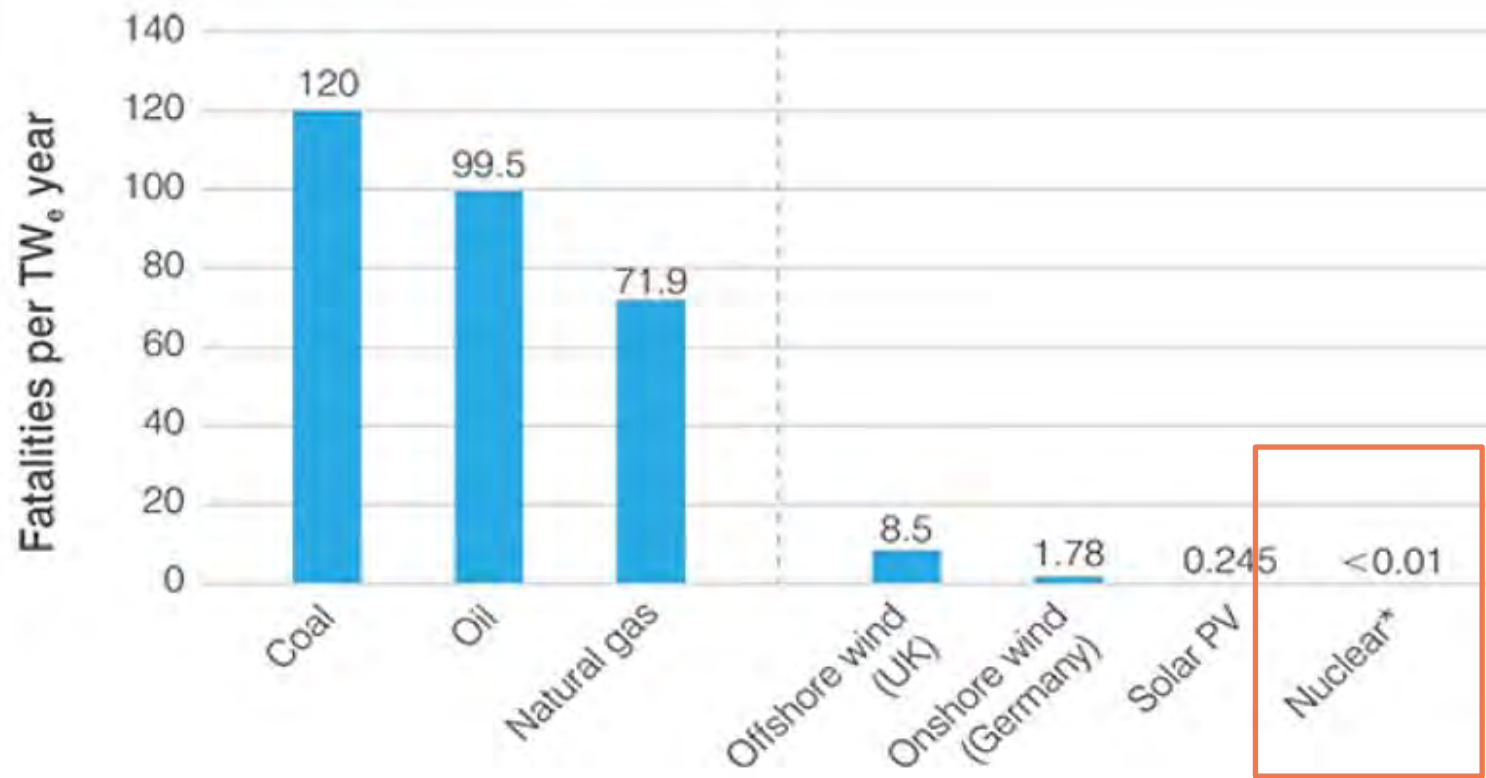
Life-cycle carbon emissions from selected electricity supply technologies



Source: World Nuclear Association – Harmony Program

# Nuclear Power = Safest Form of Electricity Generation

Nuclear has the lowest energy accident fatalities for OECD countries



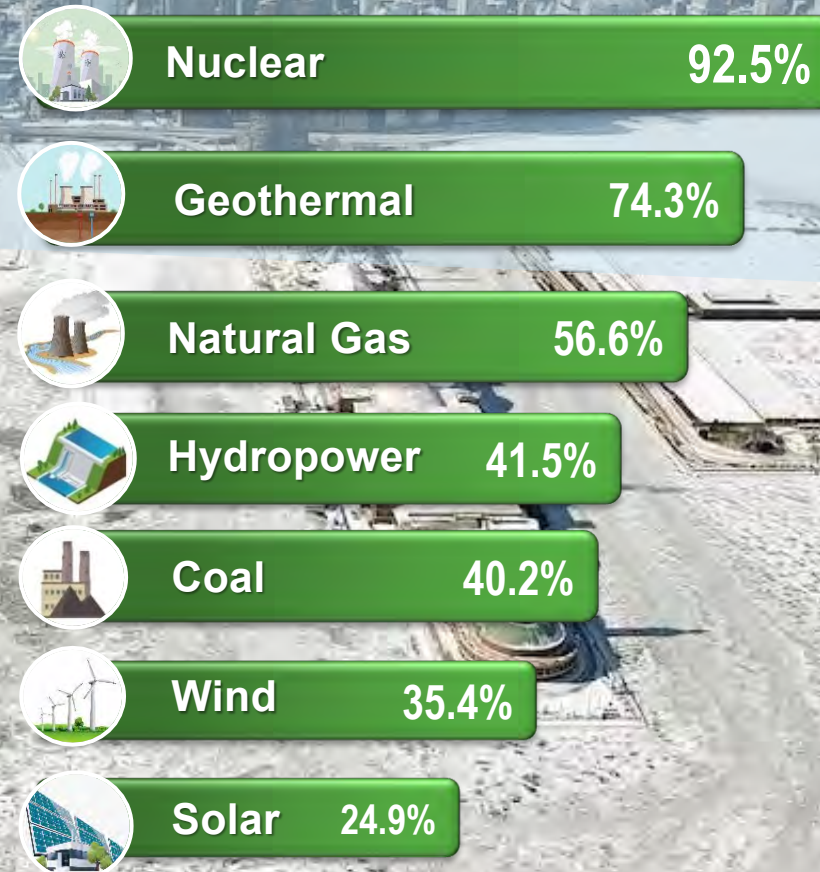
TradeTech

Source: World Nuclear Association – Harmony Program



# 2021 Polar Vortex – Nuclear Reliability at 95%

## Capacity Factor by Energy Source in 2020



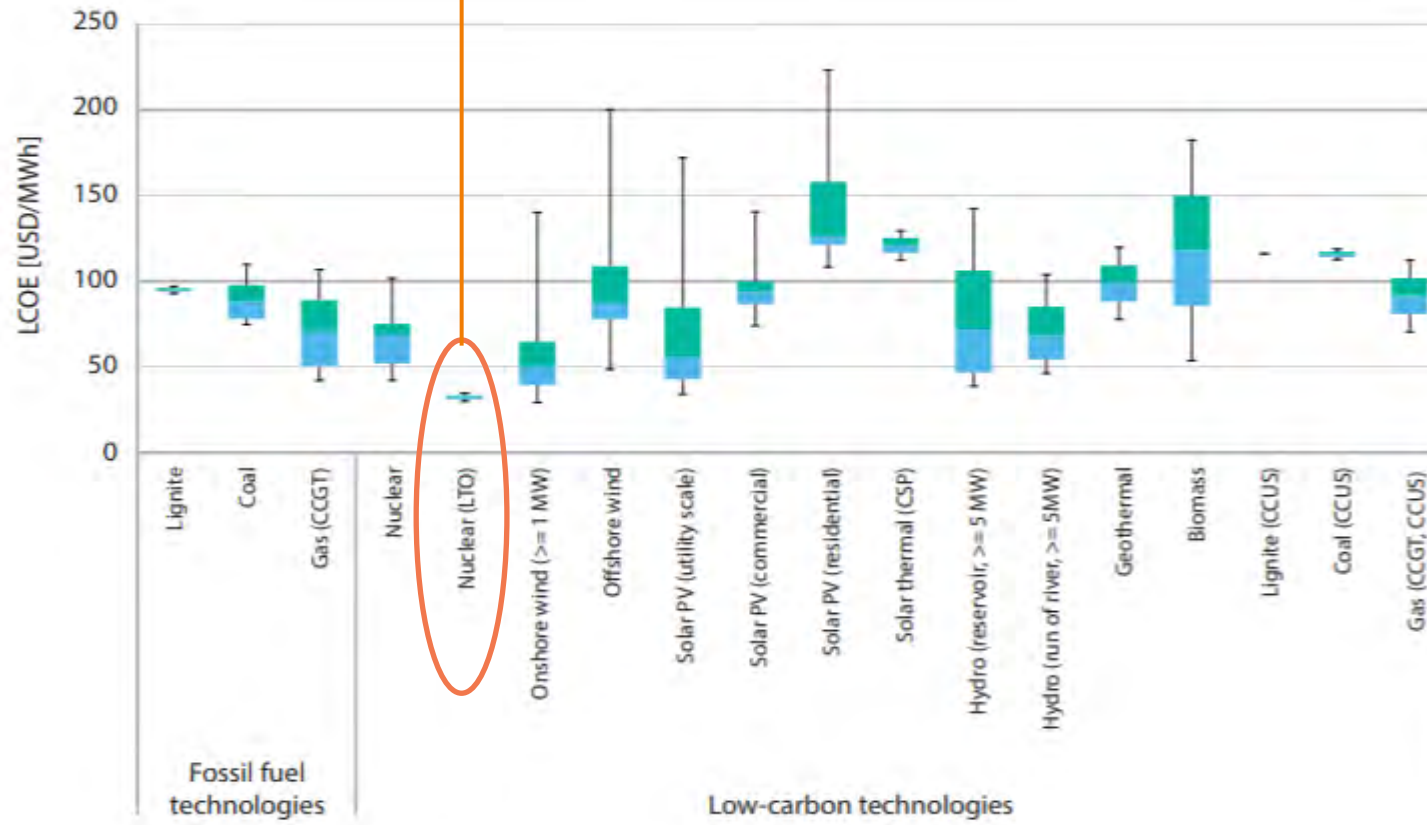
Source: U.S. Energy Information Administration





# Nuclear Power = Lowest Levelized Cost of Electricity For Extended Life Plants vs any Other Source

Most nuclear plants in the U.S. have or will extend their operational lives by at least 20 - 40 years



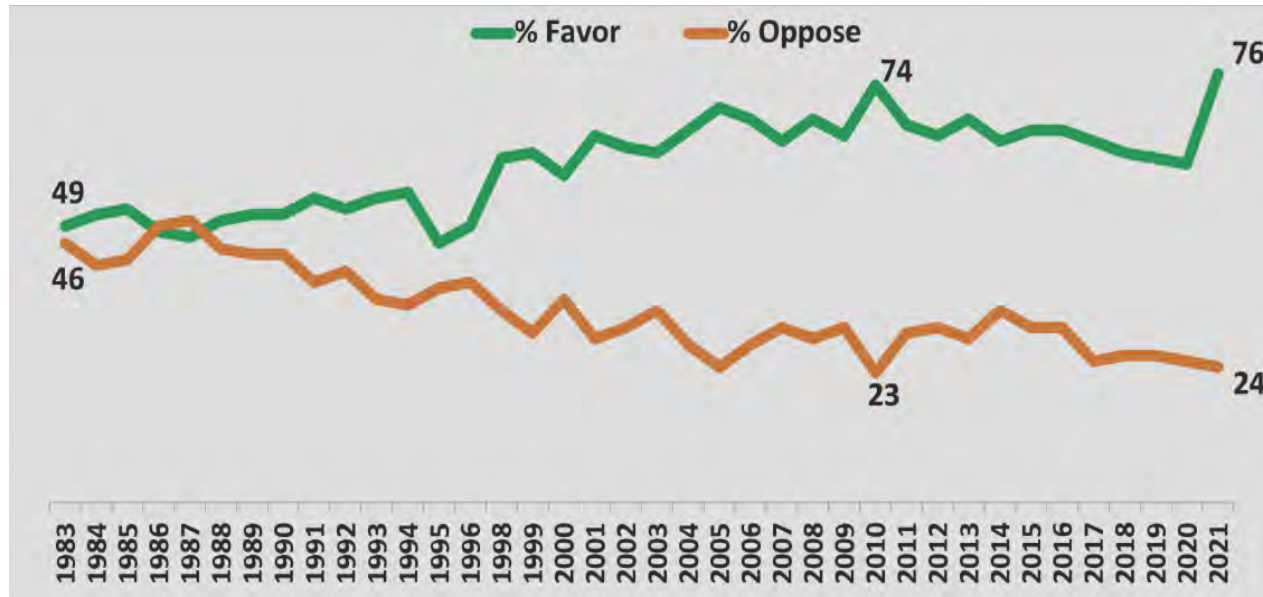
TradeTech

Projected Costs of Generating Electricity, 2020 Edition, International Energy Agency and Nuclear Energy Agency

# Support for Nuclear Energy is Strong and Increasing

## Favorability to Nuclear Energy 1983-2021

Overall, do you strongly favor, somewhat favor, somewhat oppose the use of nuclear energy as one of the ways to provide electricity in the United States?



Source: NuclearNewswire – ANS; Nuclermatters.com/jobs  
<https://www.ans.org/news/article-2974/support-for-nuclear-energy-grows-with-climate-change-concerns/>

## ECONOMIC BENEFITS



SAVES CONSUMERS  
AN AVERAGE OF  
**6 PERCENT**  
ON ELECTRICITY BILLS



# Small Modular Reactor (SMR) An Important Emerging Market

## Small Modular Reactors (SMR's)

Scalable, factory-built, smaller footprint, flexible operations, manageable investments, cost competitive, unique applications

## Advanced Reactors

Leverages pros/cons of previous designs, takes advantage of technological and material advances, fuel cycle advances, higher efficiencies

## New Applications

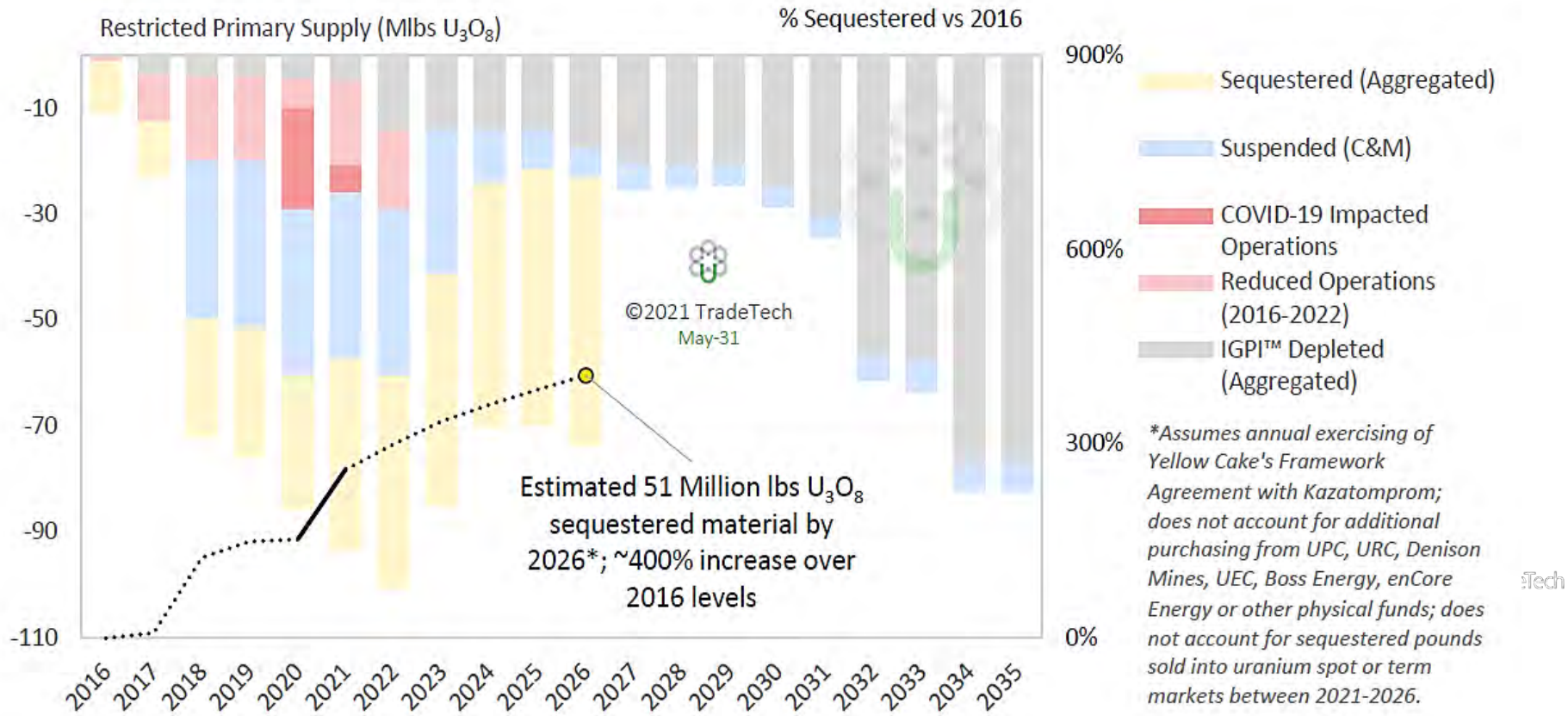
Hydrogen production, clean water through desalination, transportation, waste solutions, medicine



# Uranium Supply Removed from the Market

## Restricted Primary Supply 2016 – 2035

### Sequestered, Suspended, Covid, Operational & Depletion Reductions

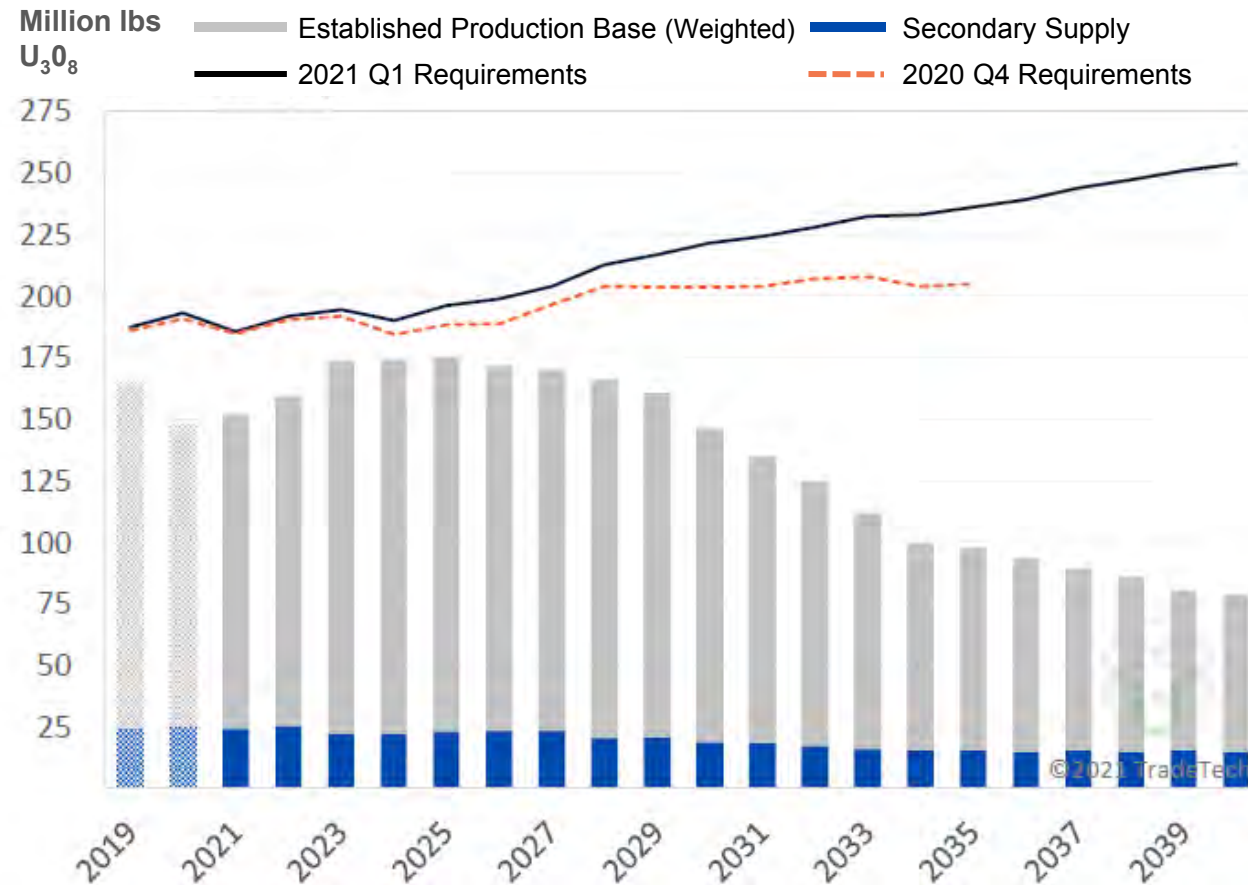


Source: TradeTech, May 31, 2021

# Global Supply & Demand

## Existing Primary Production + Secondary Market Supply

- Inventory Overhang Drawing Down
- Uranium Price Too Low to Stimulate New Production
- Within the Permitting and Development Lead Times to Bring On New Mines

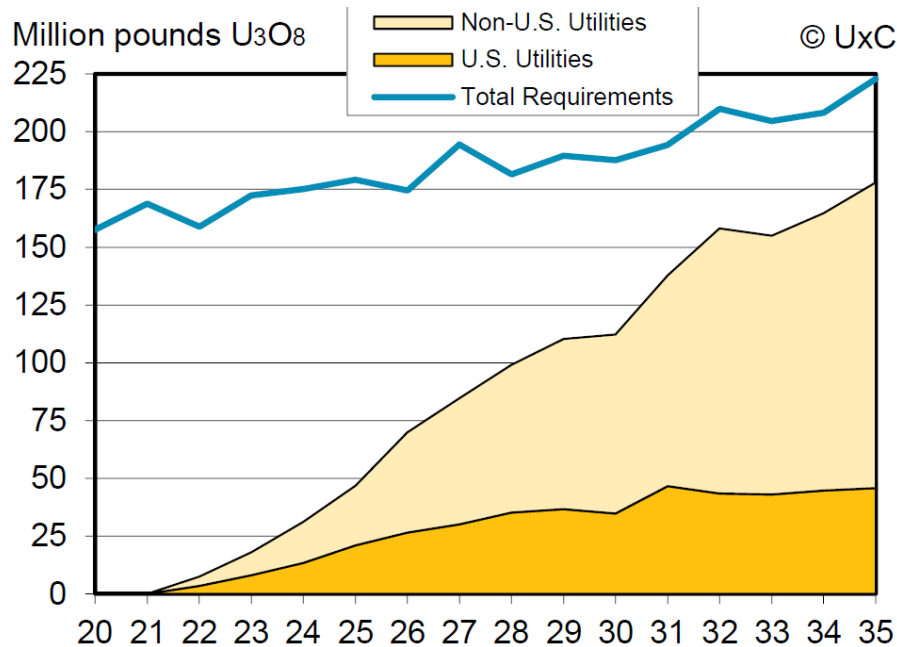


Source: TradeTech June 2021 Uranium Market Study Issue 1 – Forward Availability Model 1

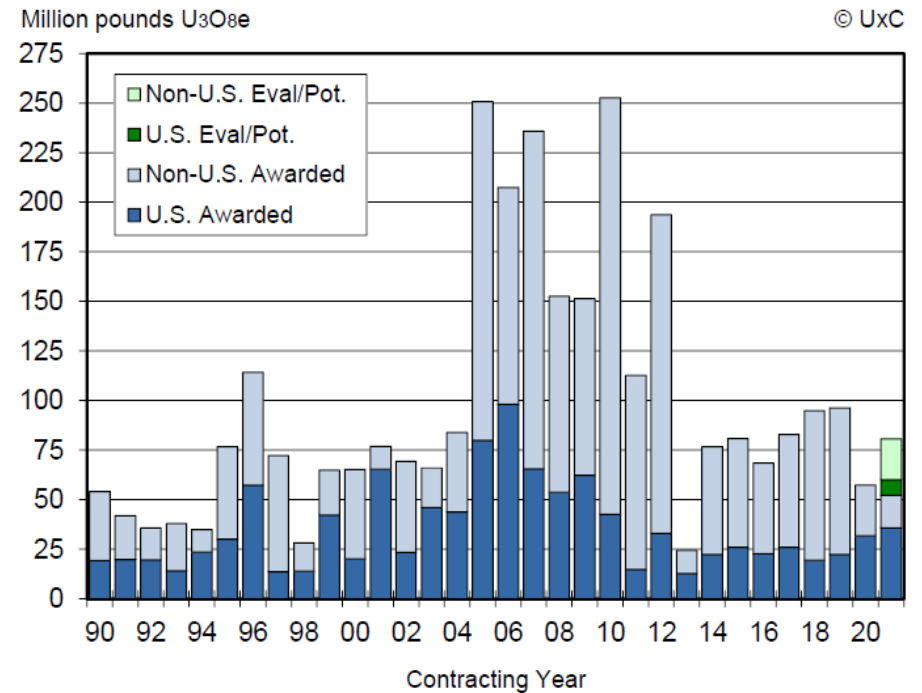
# Utility Procurement Cycle: Old Contracts Rolling Off...New Contracts Need to be Signed

1.4 Billion Pounds of Contracting needed by 2035!

### Utility Uncommitted Demand



### Historic Long-Term Contracting



Source: UxC Market Outlook Q3 2021



# Bottom Line - Positive Market Outlook

- ✓ **Demand Growth** – 58 reactors added to grid in past 8 years; 51 reactors under construction – nuclear generation has recovered to pre-Fukushima levels
- ✓ **Strategic Interest in Physical Inventory** – Producers, Developers, Financial buyers
- ✓ **The Department of Energy’s historic announcement to purchase 17-19M lbs. U.S. mined U3O8 starting within 2021 (\$75M Appropriations expected for fiscal 2022)**
- ✓ **Strong Bipartisan Support for Nuclear Energy, Included in U.S. Energy Carbon Free Goals, Clean Energy Standard, American Jobs Plan**
- ✓ **Utility Procurement Cycle Looming** – “New” fundamentals have not been tested
- ✓ **Underinvestment and Supply Cutbacks** – significant primary supply deficit and mine depletions are increasing
- ✓ **Lead Time to Advance Large New Mines** can be 10 years or longer. Industry incentive price of \$60/lb.
- ✓ **Accelerated Market Re-Balancing** – Growing primary production shortfall exists. COVID removed about 20M lbs pounds from 2020 production – this will not be made up.

# Combined Resource Summary<sup>(1)</sup>



| Projects                               | Measured & Indicated                                     |  |  | Inferred   |  |  |
|--|--|--|--|--|--|--|
|  | Tons ('000)  | Grade (% U <sub>3</sub> O <sub>8</sub> ) | Lbs U <sub>3</sub> O <sub>8</sub> ('000) | Tons ('000)  | Grade (% U <sub>3</sub> O <sub>8</sub> ) | Lbs U <sub>3</sub> O <sub>8</sub> ('000) |
| <b>Hub &amp; Spoke ISR Portfolio</b>   |  |  |  |  |  |  |
| <b>Texas ISR</b>                       |  |  |  |  |  |  |
| Palangana                              | 393  | 0.14                                     | 1,057                                    | 328  | 0.18                                     | 1,154                                    |
| Burke Hollow                           | -  | -  | -  | 4,064  | 0.088                                    | 7,093                                    |
| Goliad                                 | 3,790  | 0.05                                     | 5,475                                    | 1,547  | 0.05                                     | 1,501                                    |
| Salvo                                  | -  | -  | -  | 1,200  | 0.08                                     | 2,839                                    |
| Longhorn                               | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| <b>Texas ISR Total</b>                 | <b>4,183</b>   | <b>0.095</b>                             | <b>6,532</b>                             | <b>7,139</b>   | <b>0.10</b>                              | <b>12,587</b>                            |
| <b>Wyoming ISR</b>                     |  |  |  |  |  |  |
| Reno Creek                             | 32,000   | 0.041                                    | 26,000                                   | 1,920  | 0.039                                    | 1,490                                    |
| <b>Wyoming ISR Total</b>               | <b>32,000</b>  | <b>0.041</b>                             | <b>26,000</b>                            | <b>1,920</b>   | <b>0.045</b>                             | <b>1,490</b>                             |
| <b>U.S. Conventional Portfolio</b>     |  |  |  |  |  |  |
| Anderson, AZ                           | 29,532   | 0.03*                                    | 17,000                                   | 14,295   | 0.04*                                    | 12,000                                   |
| Workman Creek, AZ                      | -  | -  | -  | 3,222  | 0.09                                     | 5,542                                    |
| Slick Rock, CO                         | -  | -  | -  | 2,549  | 0.228                                    | 11,600                                   |
| Los Cutaros, AZ                        | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| C de Baca, NM                          | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| Dalton Pass, NM                        | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| Long Park, CO                          | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| <b>U.S. Conventional Total</b>         | <b>29,532</b>  | <b>0.03*</b>                             | <b>17,000</b>                            | <b>20,066</b>  | <b>0.12</b>                              | <b>29,142</b>                            |
| <b>Canadian Conventional Portfolio</b> |  |  |  |  |  |  |
| Diabase, SK                            | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| <b>Paraguay ISR</b>                    |  |  |  |  |  |  |
| Yuty                                   | 8,621  | 0.05*                                    | 8,914                                    | 2,353  | 0.05                                     | 2,226                                    |
| Coronel Oviedo                         | <i>Developmental with historical resources</i>           |  |  |  |  |  |
| <b>Paraguay ISR Total</b>              | <b>8,621</b>   | <b>0.05*</b>                             | <b>8,914</b>                             | <b>2,353</b>   | <b>0.05</b>                              | <b>2,226</b>                             |
| <b>Company Total</b>                   | <b>58,446</b> ('000 lbs. U <sub>3</sub> O <sub>8</sub> ) |  |  | <b>45,445</b> ('000 lbs. U <sub>3</sub> O <sub>8</sub> ) |  |  |

(1) Cautionary Note to US Investors. The Company is without known mineral reserves under SEC Industry Guide 7. Measured, Indicated and Inferred Resources are estimated in accordance with NI 43-101 and do not constitute SEC Industry Guide 7 compliant reserves. (\*) Weighted averages





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