

TSX-V: SUU

OTC: SUUFF

Corporate Presentation January 2024

Strathmore **Plus** Uranium Corp.

Wyoming Based Uranium Explorer



Disclaimer

The following information may contain forward-looking statements. Forward-looking statements address future events and conditions and therefore involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements.

The technical information in this corporate presentation has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 and reviewed on behalf of the company by Terrence Osier, P.Geo., Vice President, Exploration of Strathmore Plus Uranium Corp., a Qualified Person.

World Energy Crisis

Facing Energy Crisis, Germans, Warily, Give Nuclear a Second Look

-New York times

Global Energy Crisis Spurs a Revival of Nuclear Power in Asia

-Bloomberg

Analysis: France braces for uncertain winter as nuclear power shortage looms

-Reuters

Europe's Energy Crisis Won't Be Over Anytime Soon, Experts Say

-Forbes

Japan turns back to nuclear power in significant policy shift as fuel prices soar

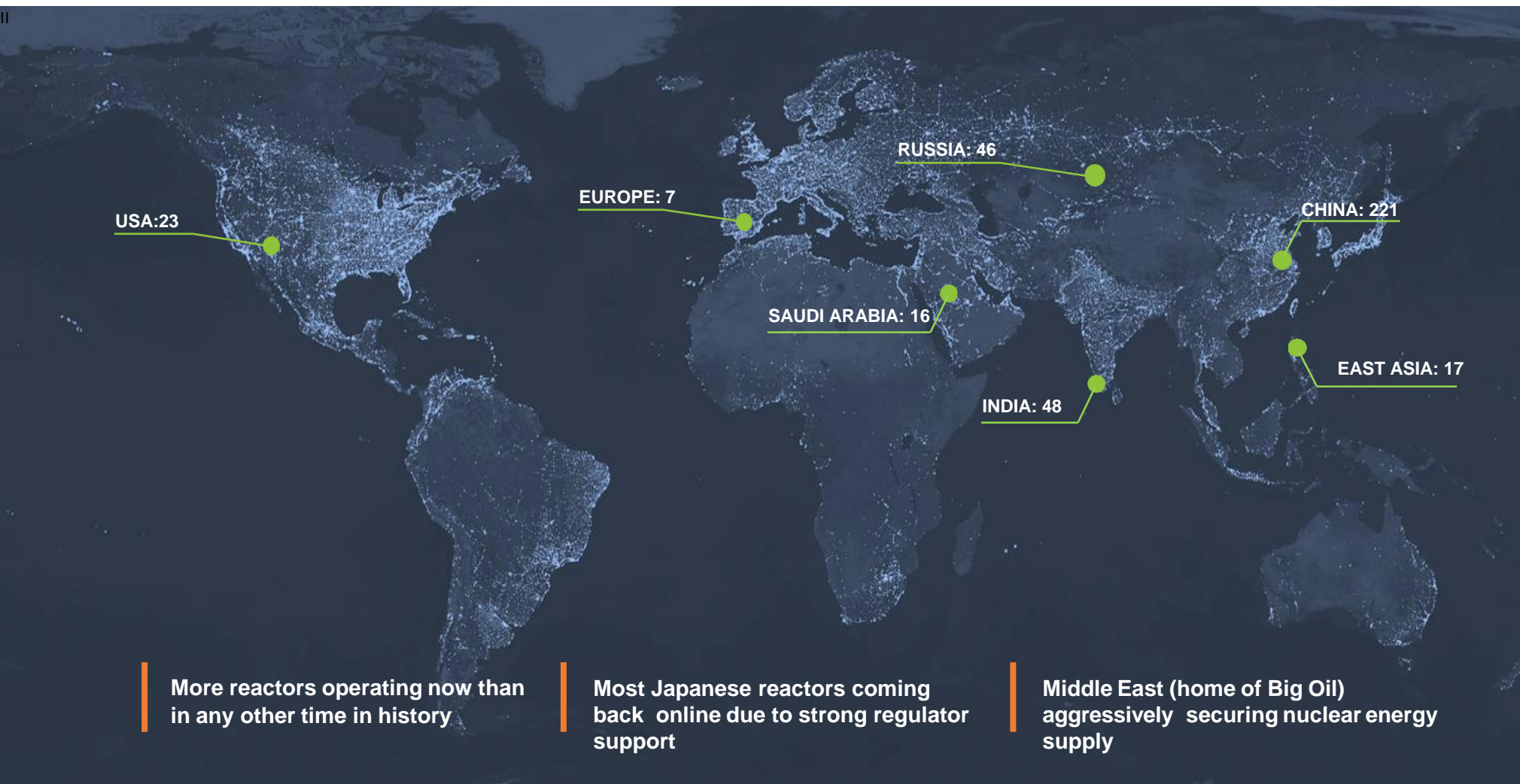
-CNN

Projection

COP28 - Nuclear to Triple by 2050

The U.S. and more than 20 other countries pledged to triple nuclear power by 2050 to achieve net-zero carbon emissions and limit climate change.

*COP28 '23



436

IN OPERATION

61

UNDER CONSTRUCTION

+101

PLANNED

+318

PROPOSED

Builds at 25-year high

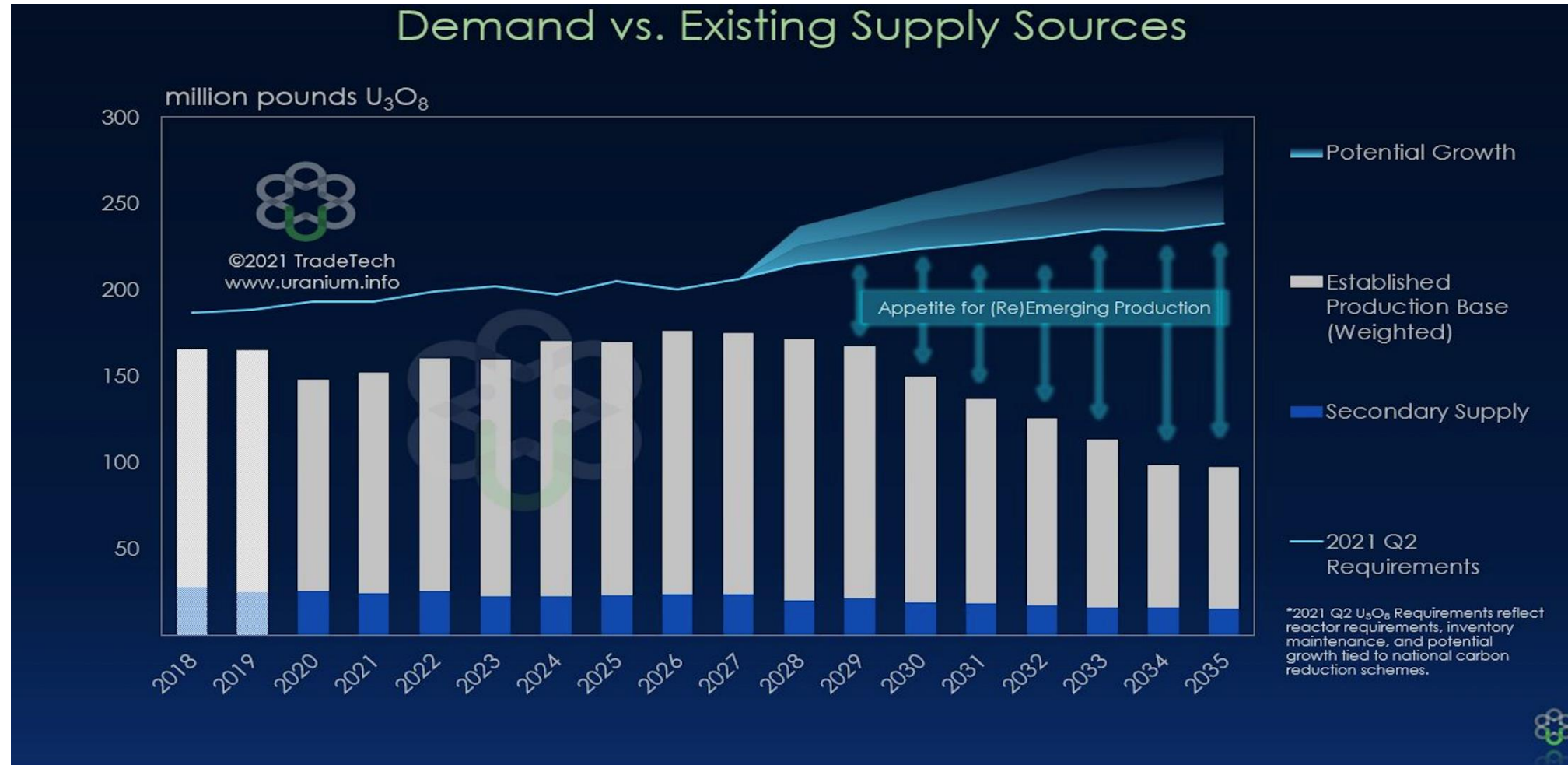
More reactors operating now than in any other time in history

Most Japanese reactors coming back online due to strong regulator support

Middle East (home of Big Oil) aggressively securing nuclear energy supply

Uranium Deficit

The current uranium deficit is 60 million lbs. per year and growing.

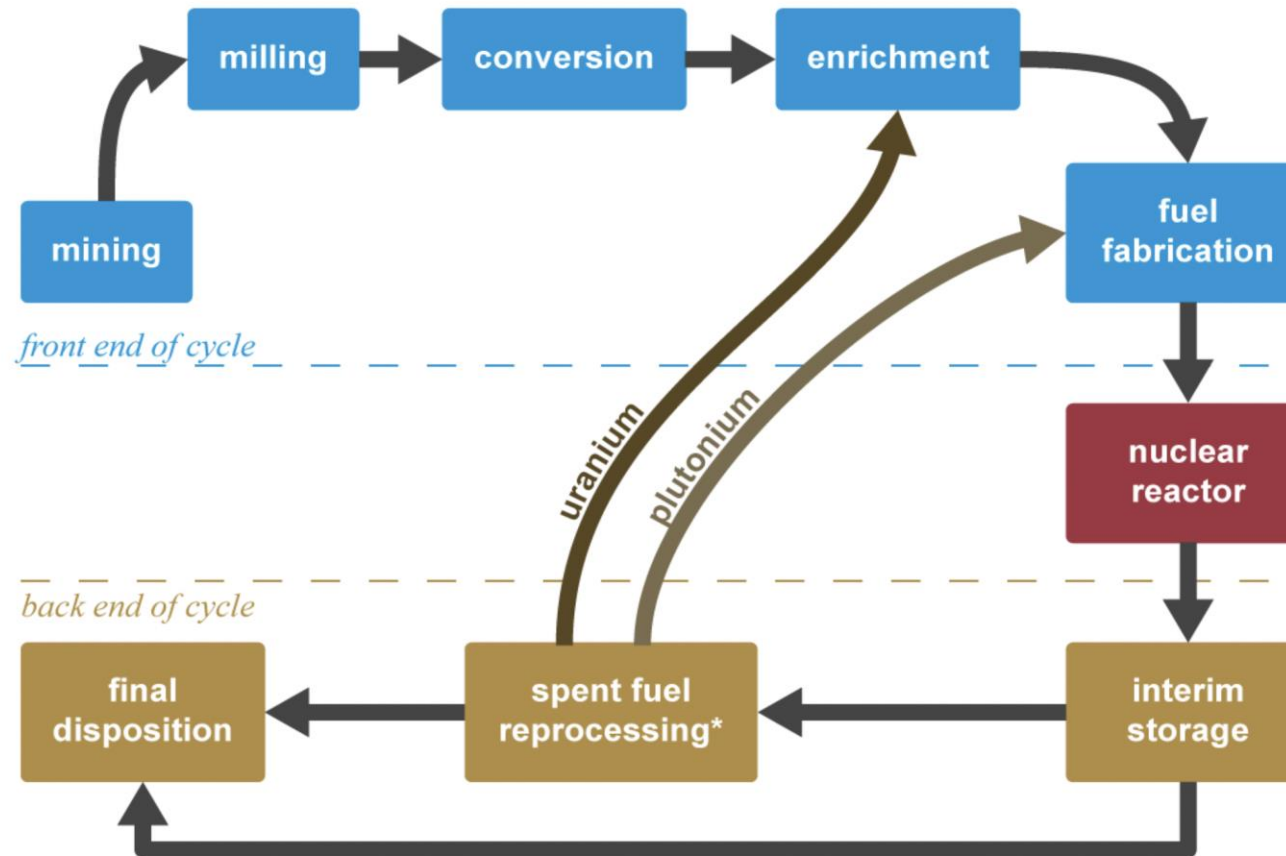


Uranium Industry Highlights

- U.S. senate voted 96-3 to approve legislation that would strengthen domestic nuclear fuel production and ensure that disruptions in uranium supply will not impact the development of advance reactors or the operation of the USA's existing reactor fleet.
- U.S. to ban imports of Russian uranium.
- Today Nuclear power capacity & Uranium demand is greater now than it was before Fukushima. Demand is surging in a global decarbonization drive to fight Climate Change & achieve Net Zero in the midst of an Energy Crisis. A 'Nuclear Renaissance' is now underway.
- The E.U. has recently labeled Nuclear as Green Energy.
- China plans to build 150+ new reactors in the next 15 years, which is more than what the rest of the world has built in the past 35 years.
- U.S. Department of Energy lays out a rapid nuclear build out plan more aggressive than China's, adding 13GW annually.

Uranium Fuel Cycle

There is a 2-year process from mining to fuel fabrication.



*Spent fuel reprocessing is omitted from the cycle in most countries, including the United States.

Source: Pennsylvania State University Radiation Science and Engineering Center (public domain)

Building Shareholder Value Since 1996

Strathmore Minerals Corp (SMC)

*\$2M Mkt Cap to \$457M ('07)

*JV Sumitomo \$50M

U.S. Assets



Energy Fuels

*Acquires SMC and its US assets ('13)

CDN Assets



Fission Energy Corp ('07)

*(SMC Canadian Assets)

*JV KEPCO (Korea) \$44M

*J-Zone Discovery & sale to Denison Mines (\$85M)

F3 Uranium ('13)

*Project Generator with 18 projects in the Athabasca Basin

*JV with Traction Uranium ('21)



Fission Uranium Corp ('13)

*Takeover Alpha Minerals

*¹Triple R discovery 43-101 PFS
Resource 102.4M lbs indicated/32.8M lbs inferred

*¹PFS – OPEX \$9.57 C\$ / lb. U₃O₈

*CGN (China) buys 19.99% (\$82M)

*F3 Uranium Corp. Spin Out



Award Winning Management Team

- Strathmore's CEO Dev Randhawa has won many prestigious awards in Canada's mining industry. He was behind both the Waterbury (unconformity model) and the Triple R (basement hosted model) uranium discoveries in the Athabasca Basin, Canada, as well as F3's most recent JR zone discovery at PLN.
- John DeJoia, one of the most experienced uranium geologists in the US, helped to acquire all of Strathmore's projects. John has overseen the mining of over 20 million lbs of uranium in Wyoming and has been in the industry for almost 50 years.



Wyoming:

Leading Recent U.S. Uranium Production

70+

Years of Mining

250m + Lbs.

Mined

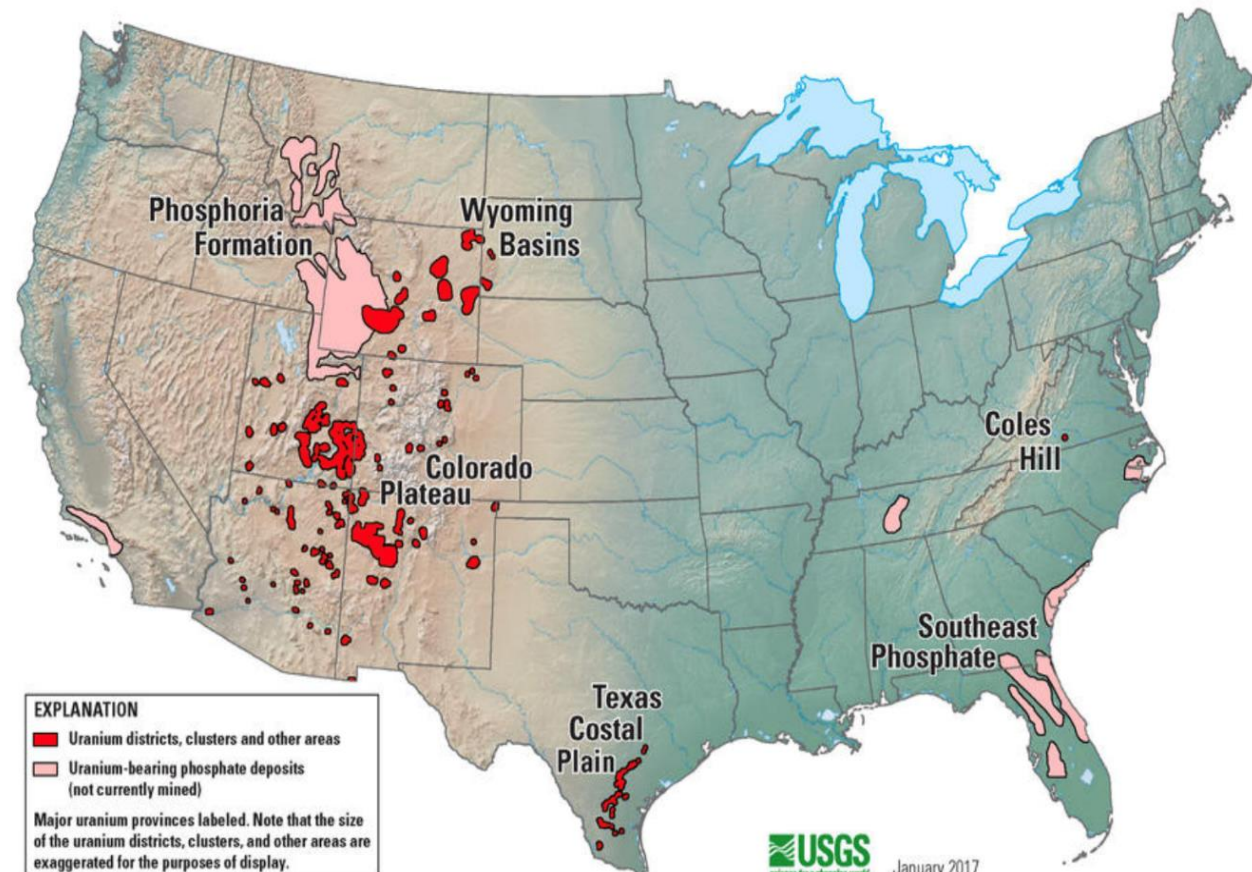
Prolific Jurisdiction

Wyoming has historically been one of the largest producers of Uranium in the US. In 2018 it produced 78% of all U.S. Uranium. Very Politically friendly for uranium mining.

Cost

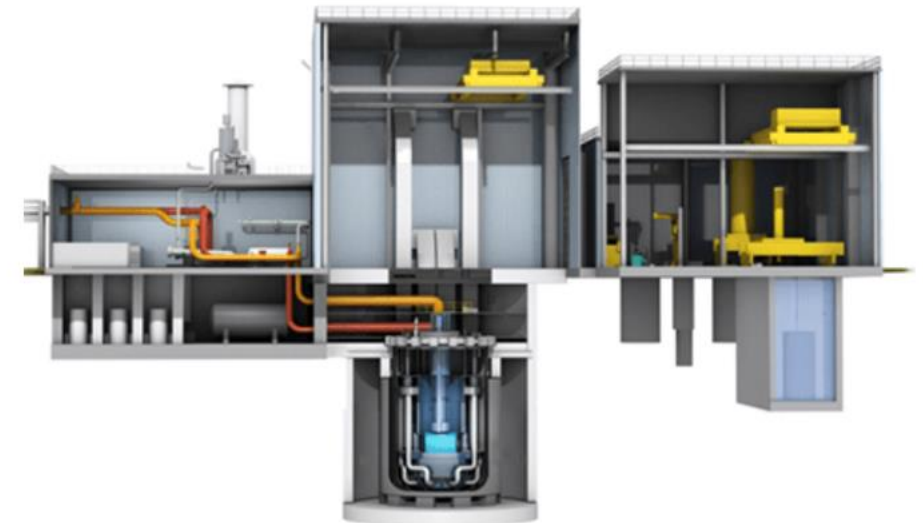
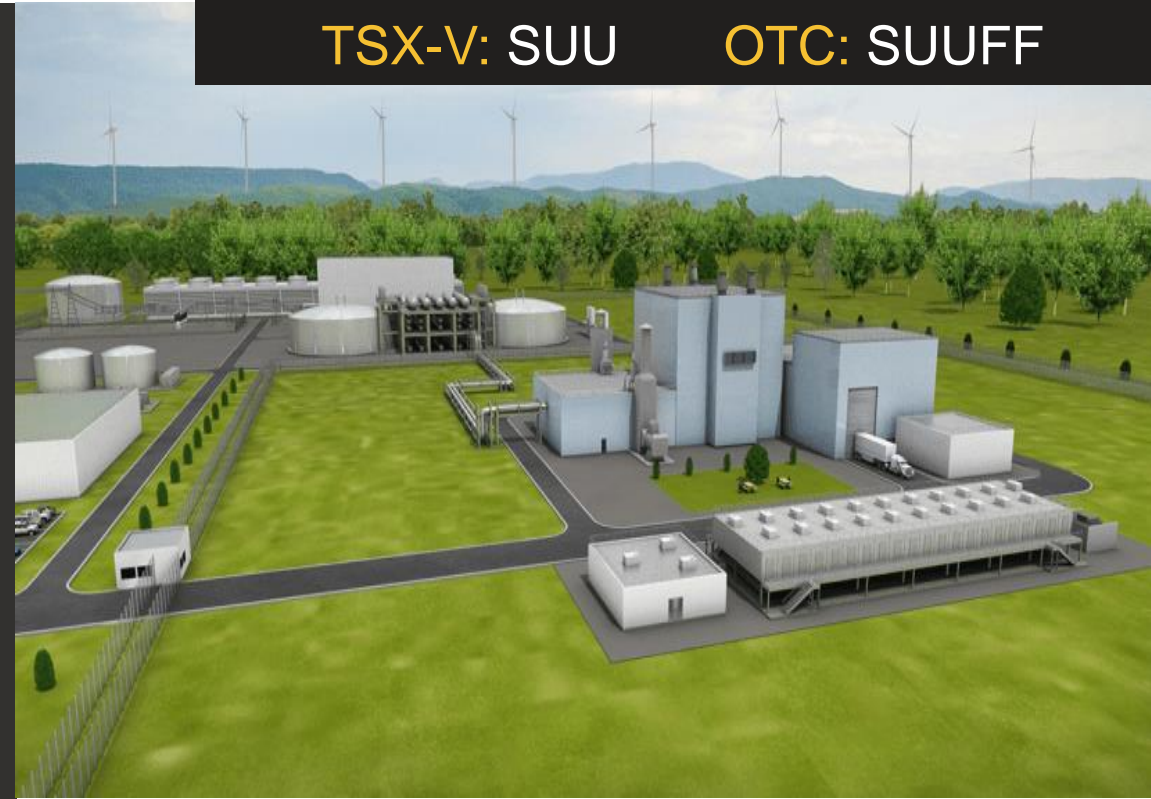
Drilling costs are significantly cheaper in Wyoming compared to the Athabasca basin in Canada

Uranium Resources of the United States

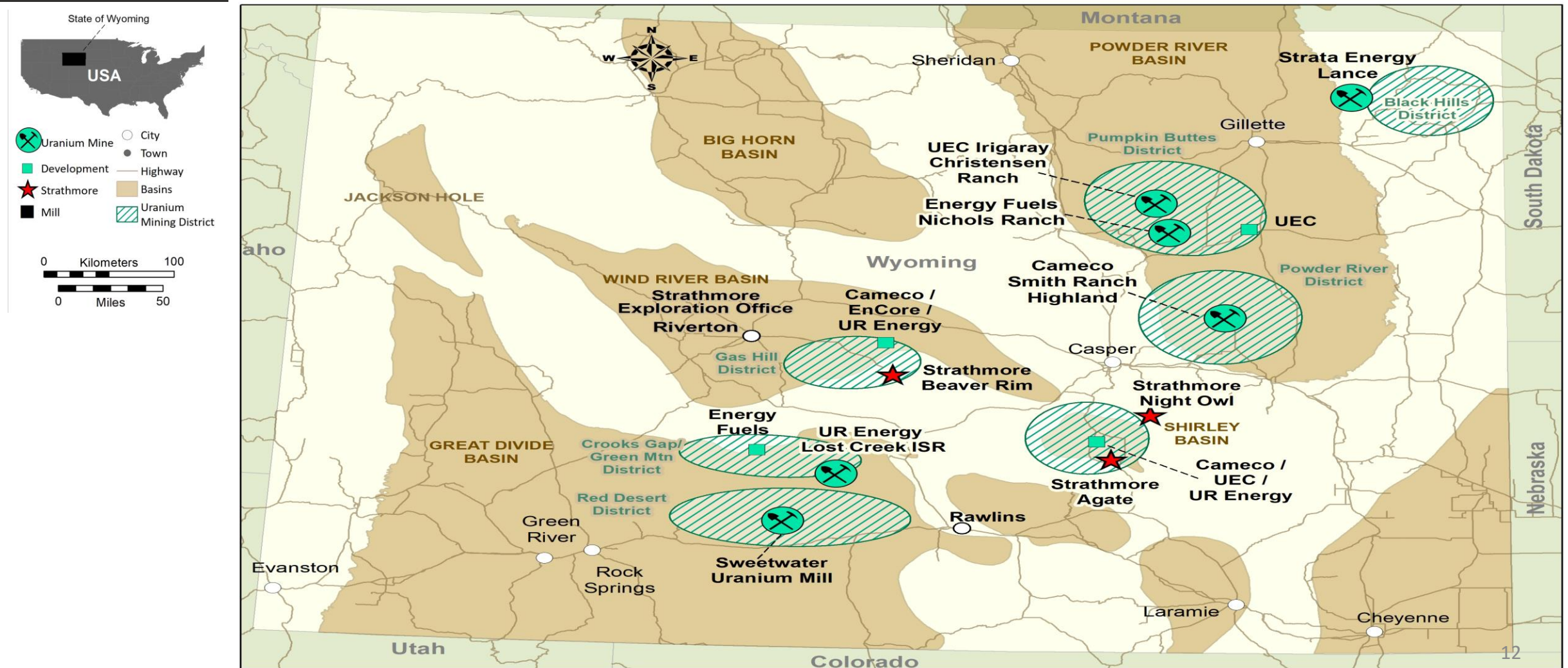


Wyoming's New SMR

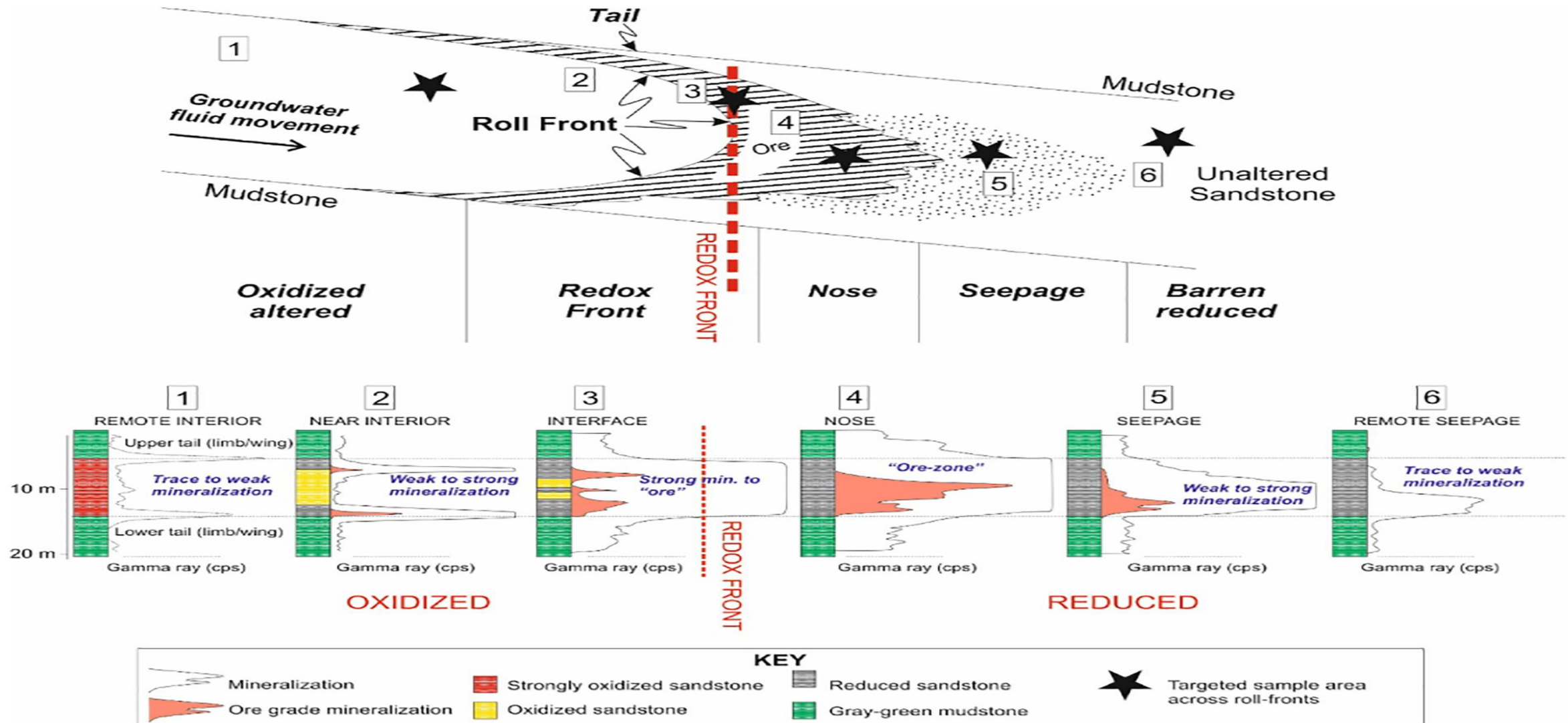
- Power companies run by billionaire friends Bill Gates and Warren Buffett have chosen Wyoming to launch the first Natrium nuclear reactor project on the site of a retiring coal plant.
- The US department of energy plans to invest \$2 Billion in the project creating thousands of new jobs.



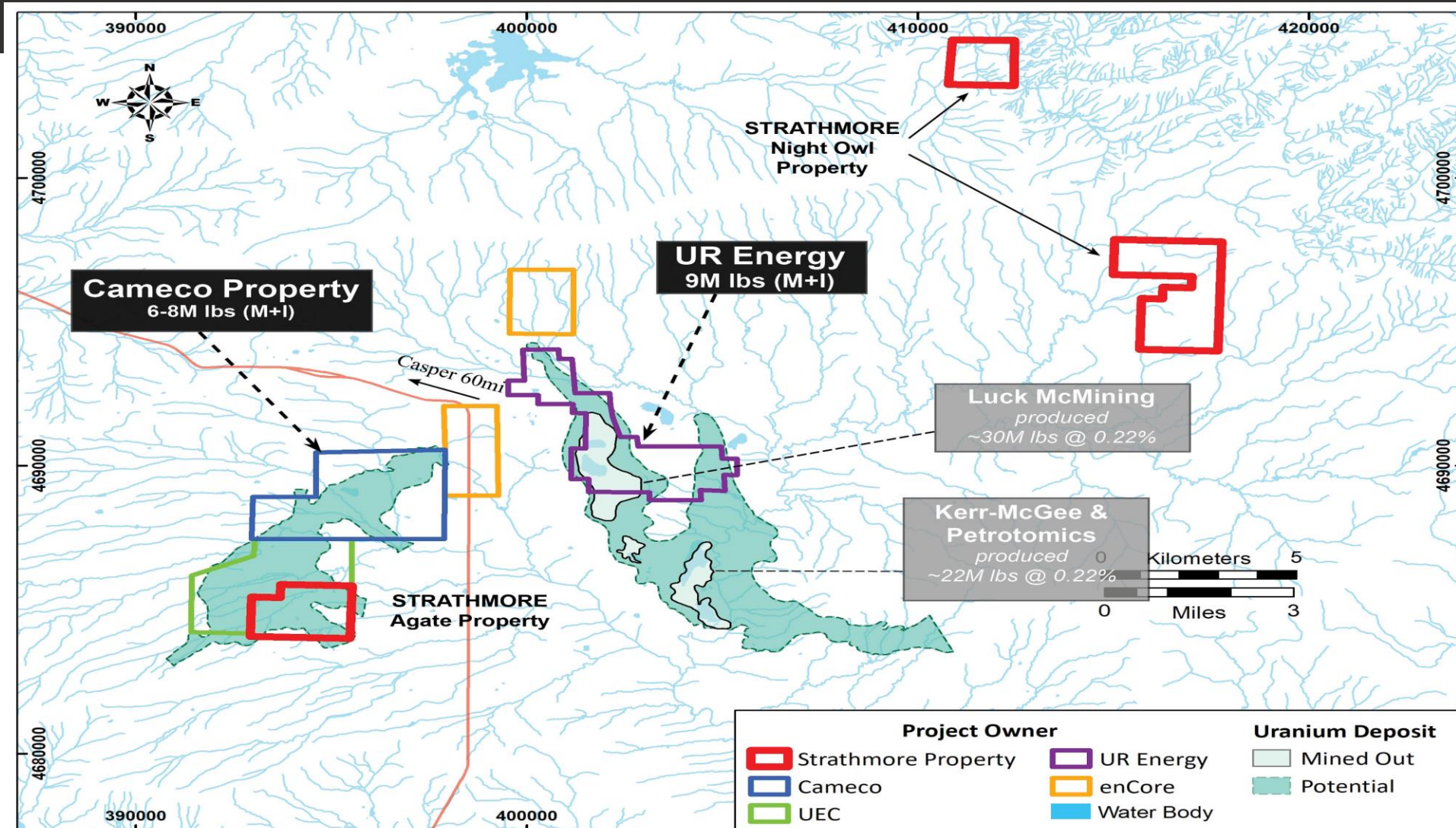
Wyoming Uranium Districts



Shirley Basin Roll Front Deposit



Strathmore's Agate & Night Owl Projects



Agate Project

- An in-situ recovery (ISR) project in the Shirley Basin uranium district of Wyoming, that lies to the south of Cameco's and borders UEC's properties.
- The property consists of 52 mining claims covering 1,075 acres. Kerr-McGee drilled at least 500 holes in the area covered by the claim. 300 of these holes have available data and are currently being evaluated, with the help of the University of Wyoming's geology dept.
- The mineralization is shallow, from 15 to 150 feet deep and is below the water table which is amenable to in-situ recovery. The average thickness varies from several feet to tens of feet, with grades ranging from 0.02% to 0.09% eU_3O_8 as noted on the following drill results from the 100 hole program last summer.

Agate Project – 2023 Drilling Results

Hole ID	Latitude	Longitude	Interval (ft)	Thickness (ft)	Grade % eU ₃ O ₈	Grade x Thickness
AG-1-23	N 42.3150	W-106.2856	85.5-90.5	5	0.05	0.25
AG-2-23	N 42.3150	W-106.2862	79.5-86.5	7	0.082	0.574
AG-3-23	N 42.3150	W-106.2866	83.5-85.5	2	0.033	0.066
AG-4-23	N 42.3155	W-106.2867	107.5-112.5	5	0.05	0.25
AG-5-23	N 42.3155	W-106.2862	99.5-101.5	2	0.026	0.052
AG-6-23	N 42.3155	W-106.2856	98.5-102.5	4	0.056	0.224
AG-7-23	N 42.3152	W-106.2856	87.5-98.0	10.5	0.033	0.347
AG-8-23	N 42.3152	W-106.2861	92.0-96.0	4	0.033	0.132
AG-9-23	N 42.3153	W-106.2866	93.5-100.0	6.5	0.063	0.41
AG-10-23	N 42.3150	W-106.2852	82.0-98.0	16	0.081	1.3
AG-11-23	N 42.3153	W-106.2852	85.5-90.0	4.5	0.04	0.18
AG-12-23	N 42.3155	W-106.2851	88.5-91.0	2.5	0.073	0.183

Agate Project – 2023 Drilling Results

Hole ID	Latitude	Longitude	Interval (ft)	Thickness (ft)	Grade % eU ₃ O ₈	Grade x Thickness
AG-13-23	N 42.31551	W-106.28705	88.5-91.0	2.5	0.073	0.183
AG-14-23	N 42.31522	W-106.28698	101.0-107.5	6.5	0.016	0.104
			122.0-124.0	2	0.019	0.038
AG-15-23	N 42.31544	W-106.28696	Non-mineralized			
AG-16-23	N 42.31473	W-106.28720	79.0-100.0	21	0.089	1.869
AG-17-23	N 42.31471	W-106.28667	91.5-99.5	8	0.013	0.104
AG-18-23	N 42.31469	W-106.28619	90.0-93.5	3.5	0.012	0.042
AG-19-23	N 42.31445	W-106.28663	76.5-81.5	5	0.045	0.225
			89.5-92.5	3	0.067	0.201
AG-20-23	N 42.31444	W-106.28715	89.5-95.0	5.5	0.031	0.171
AG-21-23	N 42.31442	W-106.28779	76.5-79.5	3	0.02	0.06
AG-22-23	N 42.31469	W-106.28766	83.0-85.0	2	0.027	0.054
AG-23-23	N 42.31497	W -106.28754	104.0-112.0	8	0.011	0.088
AG-24-23	N 42.31458	W -106.28719	96.5-99.0	2.5	0.021	0.053
AG-25-23	N 42.31532	W -106.28452	74.0-77.5	3.5	0.014	0.049
			91.0-97.5	6.5	0.015	0.098
AG-26-23	N 42.31562	W -106.28460	Non-mineralized			
AG-28-23	N 42.31684	W -106.28555	128.5-130.5	2	0.011	0.022
			133.5-135.5	2	0.011	0.022
AG-29-23	N 42.31693	W -106.28612	120.0-124.0	4	0.036	0.144

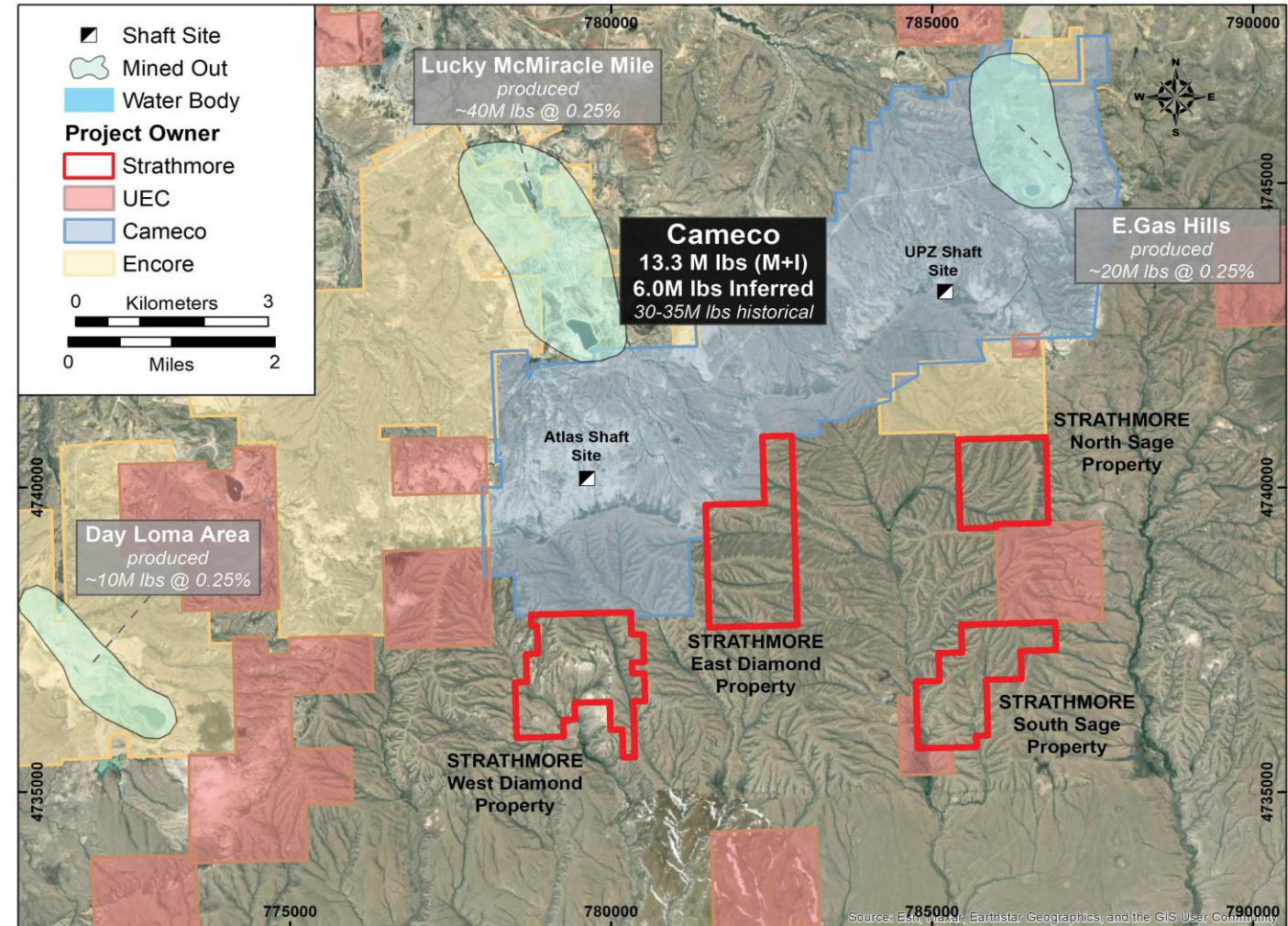
Agate Project

David Talbot of Red Cloud Commented:

“We continue to like what we see in the initial stages of drilling at Agate in the Shirley Basin. These holes are testing an area previously identified in up to 650 drill holes drilled by Kerr McGee in the 1970s. Roll front deposits below the water table were known at depths of 80-150 feet. The Lower A sand of the Eocene Wind River Formation is also known for its high porosity, permeability and transmissivity, suggesting that this area would be a very good host for potential uranium ISR mining. We believe drill holes with thicker and single intercepts, are close to the nose of the roll front, while thinner and lower grade intercepts (sometimes not reported) are interpreted to be along the limbs of the roll front deposit. It is too early to determine whether or not a management could define a mineral inventory estimate or include any of the previous drilling into its database”.

Beaver Rim

Beaver Rim consists of 131 claims totaling 2,706 acres, strategically located in areas previously delineated by drilling as highly prospective for uranium. The claim groups are adjacent to and south of Cameco's Gas Hills project that is fully permitted for in-situ recovery. Historical and recent reports suggest 50-100 million pounds of uranium resources remain in the Gas Hills, with significant discovery potential in the less explored areas to the south. Strathmore has received a drilling and exploration permit.



Night Owl

A former producing Uranium mine in the Shirley Basin Uranium district of Wyoming. Night Owl was formerly mined by Night Owl Properties & Battle Axe Mining Co. producing 93 tons at a grade of 0.24% U_3O_8 , which was mined at or near surface with just a backhoe in the late 1950s to early 1960s. Production at Night Owl ceased due to low uranium prices (\$7/lbs).

Although the Company identified surface uranium, there was no abundant mineralization in the down hole drilling. We obtained much better knowledge of the depth, thickness and extent of the Madison Limestone host rock and acquired surface mineral samples that will be used for radiometric equilibrium analyses and amenability research. This year's investigation also determined the presence and depth of the groundwater in the area. The program identified an area of oxidation that may prove to be where the mineralizing solutions moved. We will continue with more geoscience work with Raymond Ashley and Sam Hartmann, our technical advisors to determine exactly where the fluids ended up and where there may be significant mineralization for our next exploration targets in 2024.



UR-Energy Working Agreement

Strathmore Plus Uranium & UR-Energy signed a Confidentiality and Non-Disclosure agreement in April 2023.

The goal of the agreement is to assess the feasibility of a negotiated business transaction for future processing of uranium from Strathmore's Wyoming projects at Ur-Energy's nearby facilities. These include Ur-Energy's operating Lost Creek and permitted Shirley Basin projects, which are fully licensed for in-situ recovery, mill processing, and disposal. Strathmore anticipates shorter lead times for development and production of our projects by building upon Ur-Energy's expertise in permitting and the future utilization of their fully licensed facilities.

Strathmore and UR will develop a Memorandum of Undertaking (MOU) to define each companies' roles and responsibilities.

Exploration Schedule 2023 - 2024

2023 – Exploration

AGATE 2023

- Reclamation Bond: US\$74,300
- Drilling Est: US\$250,000
- 100 holes @ 15,000ft drilled

Total US\$324,300

NIGHT OWL 2023

- Reclamation Bond: US\$17,000
- Drilling Est: US\$250,000
- Metallurgical Testing: US\$50,000
- 35 holes @ 3,000ft drilled
- Geophysical: \$83,000

Total US\$400,000

2024- Exploration

AGATE – Summer 2024

- Reclamation Bond: US\$125,000
- Drilling Est: US\$1,000,000
- 400 holes @ 60,000ft drilled
- Geophysical: \$50,000

Total US\$1,175,000

BEAVER RIM – Summer 2024

- Reclamation Bond: US\$122,000
- Drilling Est: US\$500,000
- 30 holes @ 30,000ft drilled
- Geophysical: \$45,000

Total US\$667,000

NIGHT OWL – Summer 2024

- Reclamation Bond: US\$35,000
- Drilling Est: US\$100,000
- Metallurgical Testing: US\$25,000
- 60 holes @ 36,000ft drilled
- Geophysical and Surveying. \$50,000.

Total US\$210,000

Strathmore Plus Management Team



Dev Randhawa,
Chairman & CEO

- Chairman & CEO of F3 Uranium Corp.
- Former CEO & Founder of Fission Energy and Fission Uranium. Former CEO & Founder of Strathmore Minerals.
- Founder of Pacific Asia China Energy, sold for \$34m.



Terrence Osier,
VP of Exploration

- Professional Geologist with 17 Years of Experience in Uranium Industry.
- Lead Geologist for Strathmore Minerals Corp from 2004-2013 in their Wyoming operation.



John DeJoia,
Director

- Professional Geologist
- Directly responsible for mining 22 million pounds of uranium in Wyoming.
- Worked in open-pit, underground and In-Situ uranium production, exploration, mine development and nuclear remediation.
- B.S. in Geology from the University of Wyoming.



Ryan Cheung,
CFO

- Provides accounting management and securities regulatory compliance services to private and publicly listed companies.

Corporate Summary

As of January 9, 2024

Cash:	approx. C\$2.05 million
Market Cap:	approx. C\$23.3 million
Shares outstanding:	44,819,423
Options & RSUs:	8,272,895
Warrants:	6,996,036
Fully diluted:	60,088,354

EXECUTIVE MANAGEMENT & BOARD

Dev Randhawa, MBA, Chairman, CEO, Director

Terrence Osier, P. Geo. VP Exploration

Ryan Cheung – CFO

John DeJoia P.Geo, Director

Jordan Potts – Director

Jeremy Wiebe - Director

Raymond Ashley – P.Geo, Technical Advisor

Sam Hartmann – P.Geo, Technical Advisor

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