

Uranium Investment Pure Commodity Play

October 2020

Uranium
Participation
Corporation



Cautionary Statements

This presentation contains certain forward-looking statements and forward-looking information based on the current internal expectations, estimates, projections, assumptions and beliefs of Uranium Participation Corporation (“Uranium Participation Corp.” or the “Corporation”). Forward-looking statements generally can be identified by the use of forward-looking terminology such as “may”, “will”, “expect”, “intend”, “estimate”, “anticipate”, “plan”, “should”, “believe” or “continue” or the negative thereof or variations thereon or similar terminology. By their very nature, forward-looking statements involve numerous factors, assumptions and estimates. A variety of factors, many of which are beyond the control of Uranium Participation Corp., may cause actual results to differ materially from the expectations expressed in the forward-looking statement. These factors include, but are not limited to, volatility and sensitivity to market prices for uranium, demands for nuclear power and the impact of change in foreign currency exchange.

Additional information about the material factors or assumptions on which forward-looking information is based and the material risk factors that may affect actual results is contained in the Corporation’s Annual Information Form, available on SEDAR, included under “Risk Factors”.

These and other factors should be considered carefully, and readers are cautioned not to place undue reliance on these forward-looking statements. Although management reviews the reasonableness of its assumptions and estimates, unusual and unanticipated events may occur which render them inaccurate. Under such circumstances, future performance may differ materially from those expressed or implied by the forward-looking statements. Except where required under applicable securities legislation, Uranium Participation Corp. does not undertake to update any forward-looking information or statement.

This presentation contains information and statistics relating to the global uranium and nuclear power industries. With respect to information and statistics derived from third-party publications and reports, while the Corporation believes these third-party sources are reliable as of their respective dates, the information and statistics has not been independently verified by the Corporation or any of their affiliates or advisers. Such information and statistics may be inaccurate and we cannot assure you the degree of accuracy with which such information and statistics are stated or compiled. None of the Corporation, nor any of its affiliates or advisers, makes any representation as to the accuracy or completeness of such information and statistics. Readers should not place undue reliance on any of such information and statistics contained in this presentation.

Investment Objective & Strategy

The Business of Uranium Participation Corp.

Objective:

- To provide investors with “pure” leverage to the uranium price without taking on mining or resource risk
- To let investors speculate on future changes in the uranium price by way of trading the shares of UPC

Strategy:

- Invest in holdings of physical uranium without actively speculating or trading on changes in uranium prices
- No royalties, streams, or mining investments
- Focus on maximizing indirect leverage to the price of the underlying uranium holdings by effectively managing Net Asset Value (“NAV”) per share – and the attributable equivalent pounds of U_3O_8 per share.

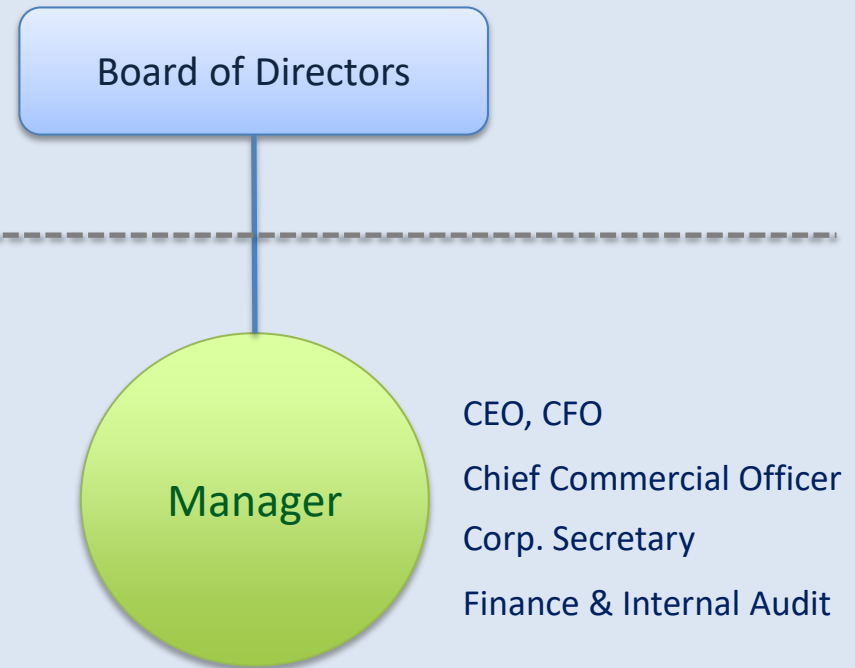


Corporate Governance

Independent Board of Directors Responsible for Corporate Affairs

- Publicly traded corporation (TSX Listed)
- All Board members are independent
- UPC Board is responsible for direction of the business, affairs and operation of the Corporation, and oversight of Manager

- **Denison Mines Inc.** provides administrative management services to UPC under a Management Services Agreement (“MSA”)
- All purchases and sales of uranium are completed by the Manager in accordance with industry practices, as approved by the UPC Board, for and on the behalf of UPC
- Responsibilities of the Manager include arranging storage and insurance for UPC, preparing regulatory filings (including financial statements and MD&A), and investor relations



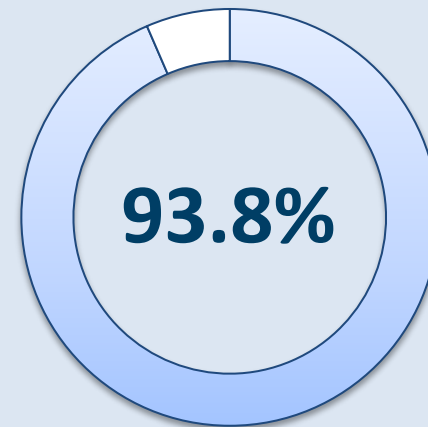
Objectives – Section 2.09:

“...the Corporation shall, as its primary objective, invest and hold uranium. In connection therewith, the Corporation shall use at least 85% of the Aggregate Gross Proceeds for Uranium Purchases.”

Investment Policies – Section 2.07:

“...the Uranium Purchases of the Corporation must be equal to or greater than 85% of the Aggregate Gross Proceeds.”

Percentage of Gross Proceeds
Invested in Uranium⁽¹⁾



12 equity financings
CAD\$775.0 million

in Aggregate Gross Proceeds (as defined),
since incorporation

⁽¹⁾ As of November 30, 2019

Net Asset Value (“NAV”) per Share

All amounts in Canadian dollars, unless otherwise stated.

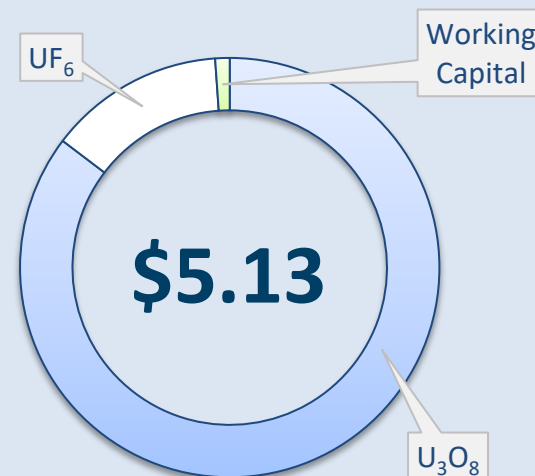
As at September 30, 2020

| CAD\$ | Quantity | Fair Value ⁽¹⁾ | Per Share ⁽²⁾ |
|-------------------------------|------------|---------------------------|--------------------------|
| U ₃ O ₈ | 16.1 M lbs | \$637 M | \$4.68 |
| UF ₆ | 0.4 M KgU | \$52 M | \$0.38 |
| Working Capital | | \$9 M | \$0.07 |
| NAV | | \$698 M | \$5.13 |

| | |
|--|----------------|
| NAV | \$698 M |
| FMV per lb U ₃ O ₈ | \$39.68 |
| Lbs U ₃ O ₈ equivalent | 17.58 M |
| Lbs U₃O₈ equivalent per Share⁽³⁾ | 0.1292 |

- (1) Fair values are month-end spot prices published by Ux Consulting Company, LLC, translated at the month-end exchange rate of \$1.3339
- (2) Based on the pro forma issued and outstanding share amount of 136,007,711 as at September 30, 2020. See news release dated October 6, 2020.
- (3) “Lbs U₃O₈ Equivalent” measure normalizes for working capital and other NAV adjustments, by converting to U₃O₈ at period end spot price

Components of NAV/Share



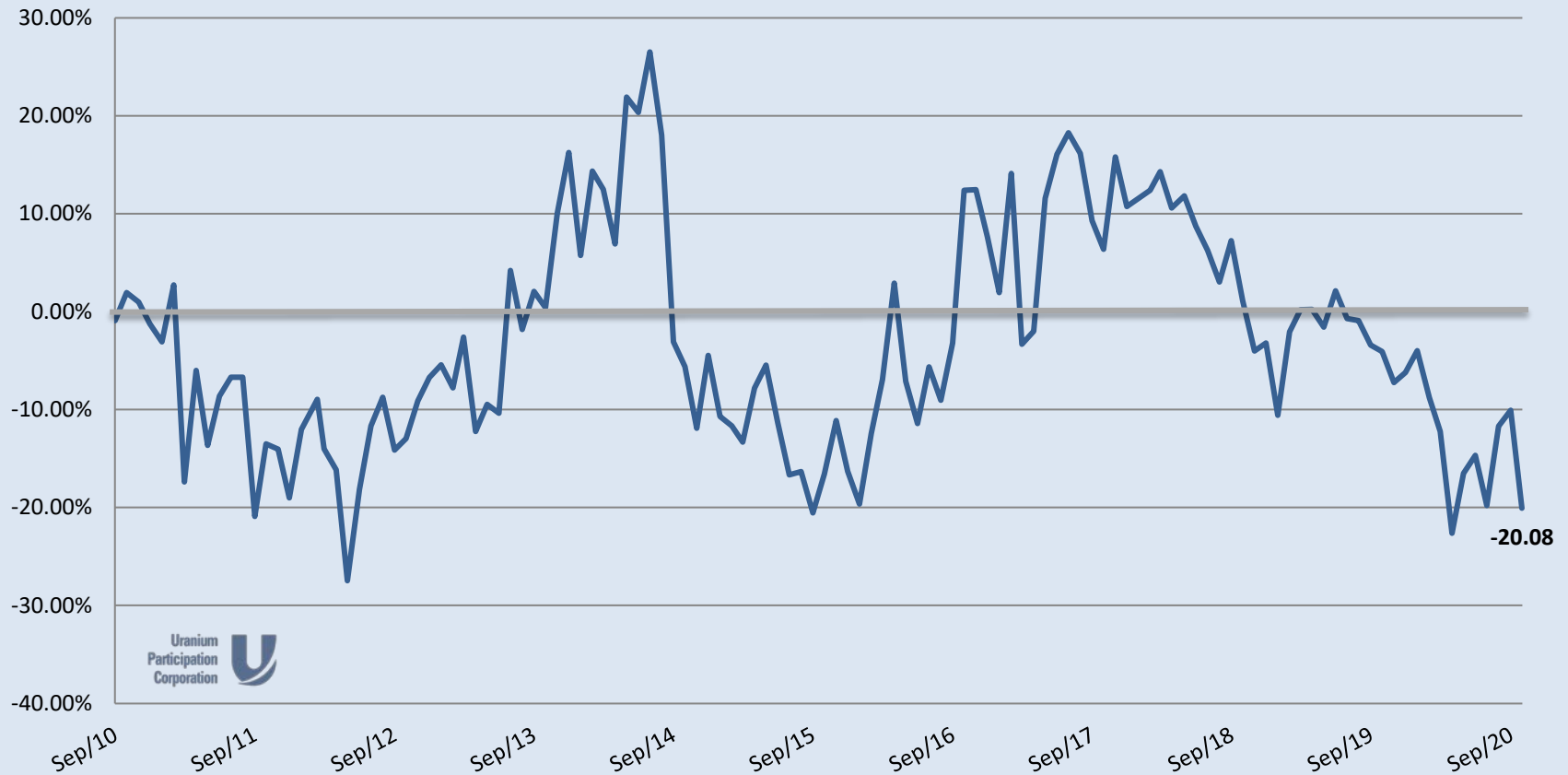
US\$29.75 (CAD\$39.68)
Fair Value per lb U₃O₈

US\$97.75 (CAD\$130.39)
Fair Value per KgU UF₆

Corporate Performance

Premium (Discount) to NAV

10 Year Premium (Discount) to NAV

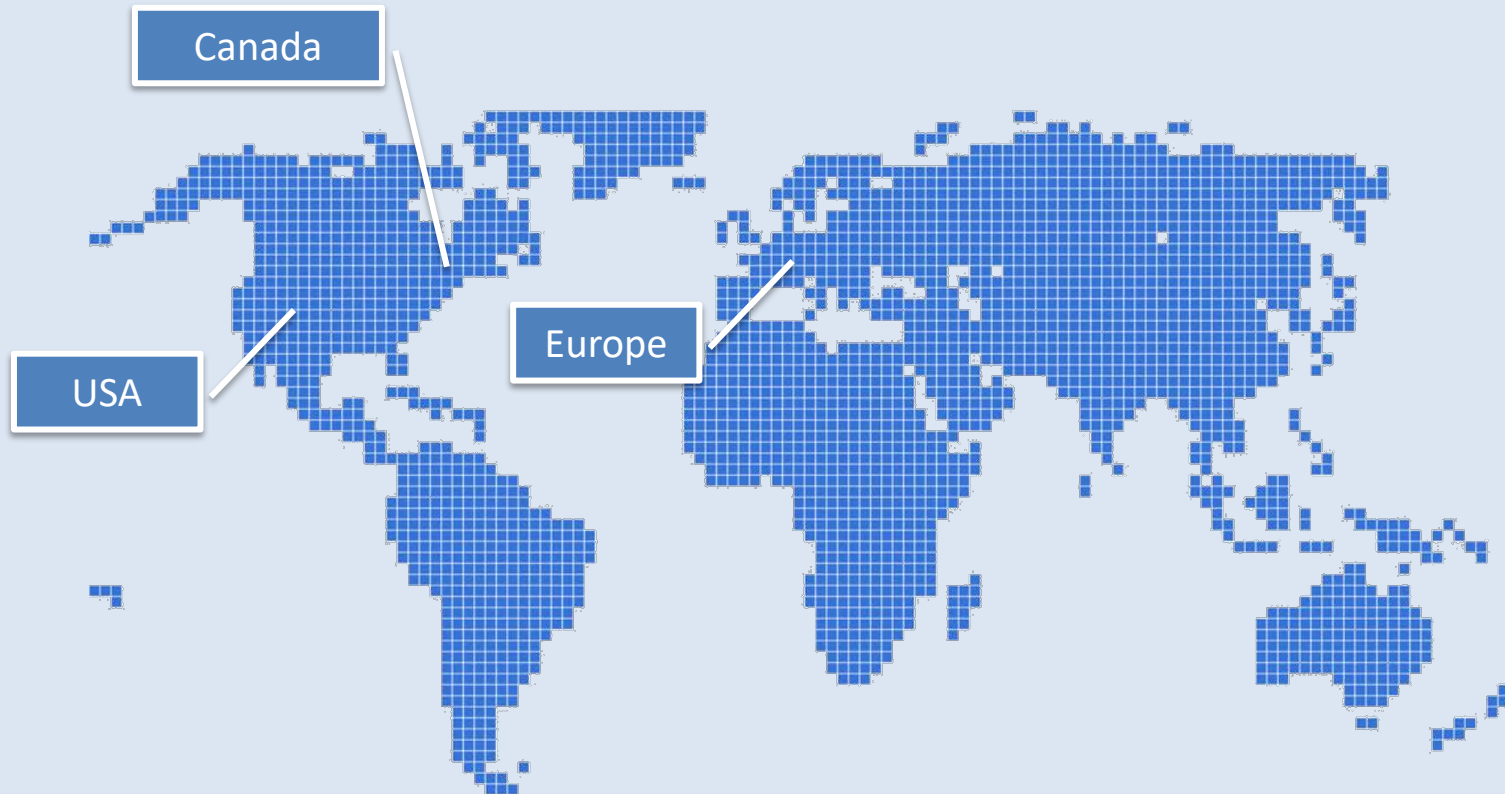


Uranium Participation Corporation



Ownership of Uranium

Globally Diversified Storage Arrangements

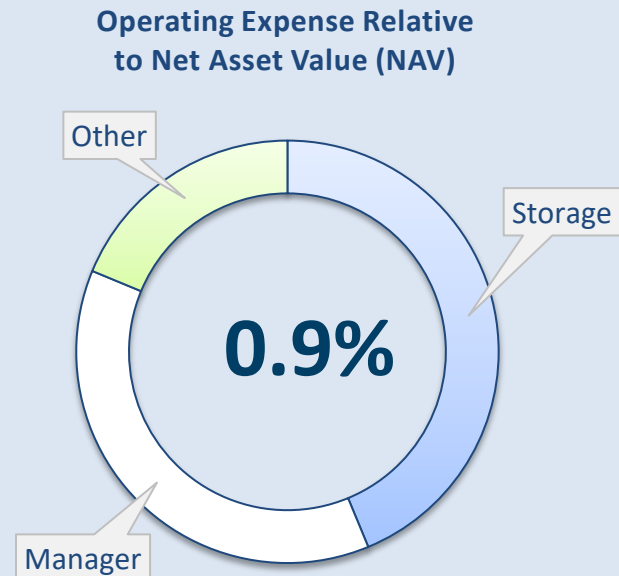


- UPC has storage agreements with various organizations, allowing it to store uranium at licensed uranium conversion, enrichment, and fuel fabrication facilities in Canada, the United States and Europe

Operating Costs

Lean Cost Structure Benefits from Large Scale of Operation

Operating expenses partially offset by income from lending and/or relocation of uranium for the year ended February 29, 2020, represents approximately 0.9% of the NAV at February 28, 2019.

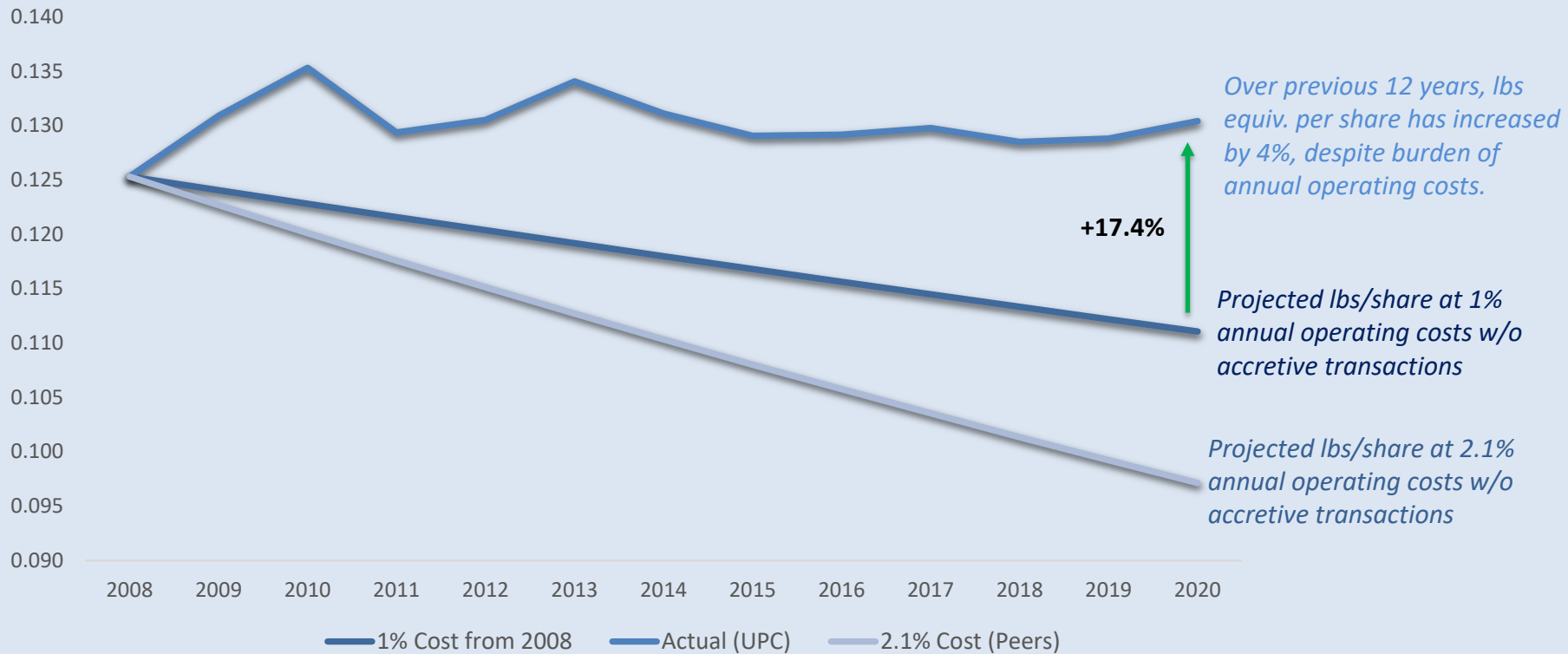


Majority of operating expenses are fixed / not variable to NAV

Pounds per Share

A History of Accretive Transactions – Minimizing Cost of Ownership

Lbs U₃O₈ Equivalent per Share - 12 Year



Note: "Lbs U₃O₈ Equivalent" measure normalizes for working capital and other NAV adjustments, by converting to U₃O₈ at period end spot price.



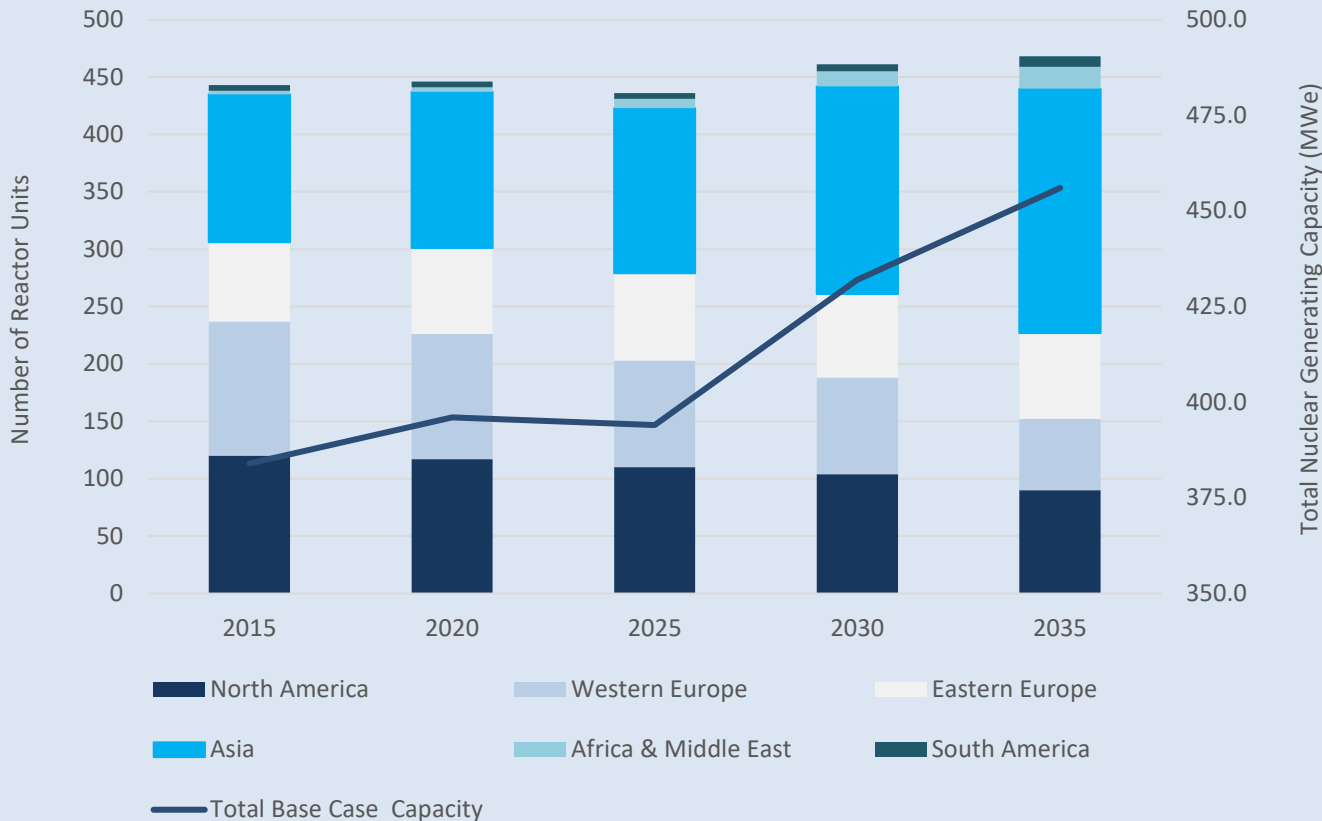
Key Uranium Market Themes

1. Demand story has been improving for some time – now exceeds pre-Fukushima levels and has been outstripping primary supply over the past couple years. Finite inventories and other secondary supplies are being depleted to make up the difference
2. Significant curtailment decisions have been made – including McArthur River shutdown – to help correct an over-supplied market
3. COVID-19 effect on uranium price has been fast and dramatic. Cigar Lake production was suspended and Kazakhstan slowed its production – recently announced it will maintain a 20% reduction through 2022. Though Cigar Lake coming back online, its temporary curtailment has contributed to market recovery
4. Between March and May, the uranium price rose almost USD\$10 to USD\$34. Since settled to around USD\$30, but sentiment around the uranium market remains positive. Producers have been buying to cover commitments and traders remain quite active. Many utilities that remained on the sidelines in early days of COVID-19 to managing internal challenges related to keeping nuclear fleet operating at full capacity during the pandemic, are starting to focus more on uncovered uranium requirements and procurement plans
5. Trade policy issues lingering. Section 232 investigation and Nuclear Fuel Working Group review have substantially concluded. Russian Suspension Agreement review has been concluded, with a new 20 year arrangement providing stability and a positive outcome for the nuclear fuel market
6. Positive news regarding new nuclear unit start-ups – UAE; China; Russia. And emerging commitments to new nuclear power programs – Poland announcing plans to build 6 units by 2040.

Demand Narrative

Nuclear Capacities Expected to Continue to Grow

UxC Nuclear Generating Capacity Forecast
(UxC Market Outlook Q2'20)



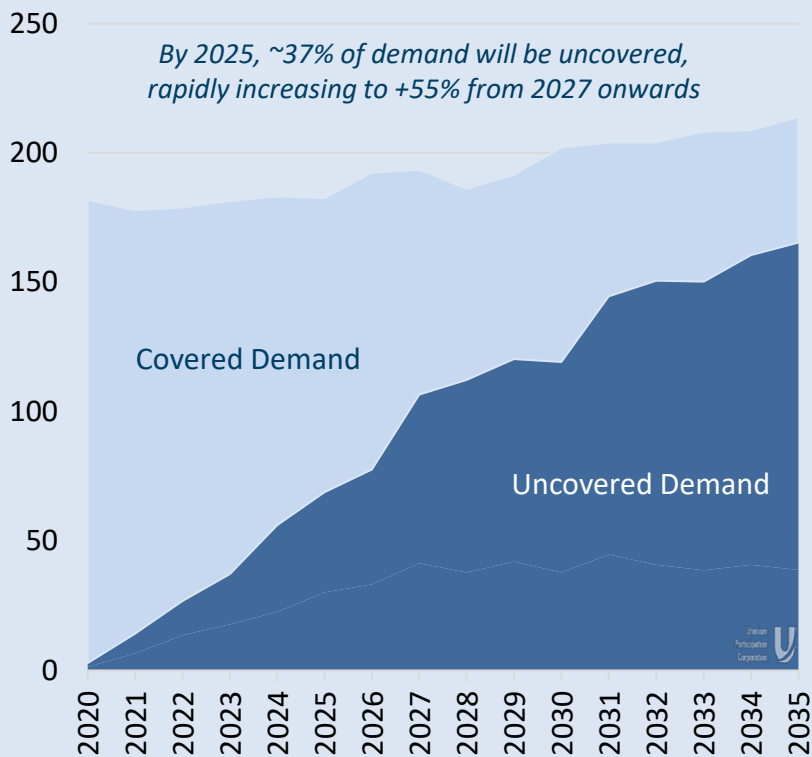
- Asia remains key driver of growing demand narrative with expectation to represent nearly half the global market by 2035
- Declines in North America and Western Europe are expected to be more than offset by Asian build-out
- UxC predicts a ~1% growth in nuclear capacities annually from 2020 to 2035

Source: UxC Uranium Market Outlook Q2 2020

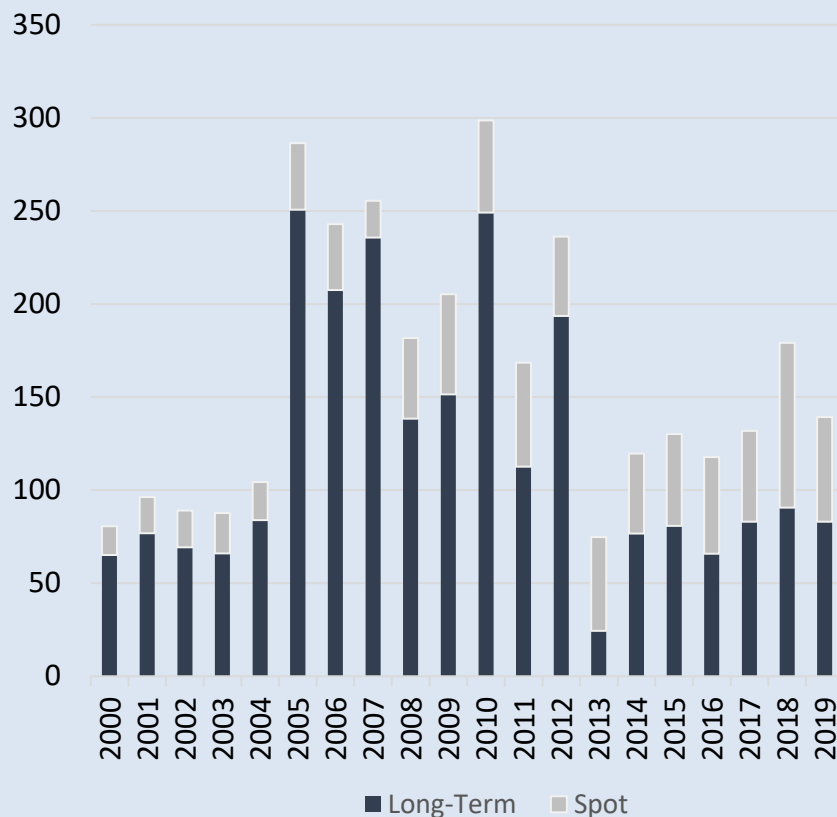
Long-term Contract Coverage

+1.5B lbs U₃O₈ remain Uncovered Between 2020 to 2035

Utility Uranium Requirements
(million pounds U₃O₈ - per UxC Q2'20)



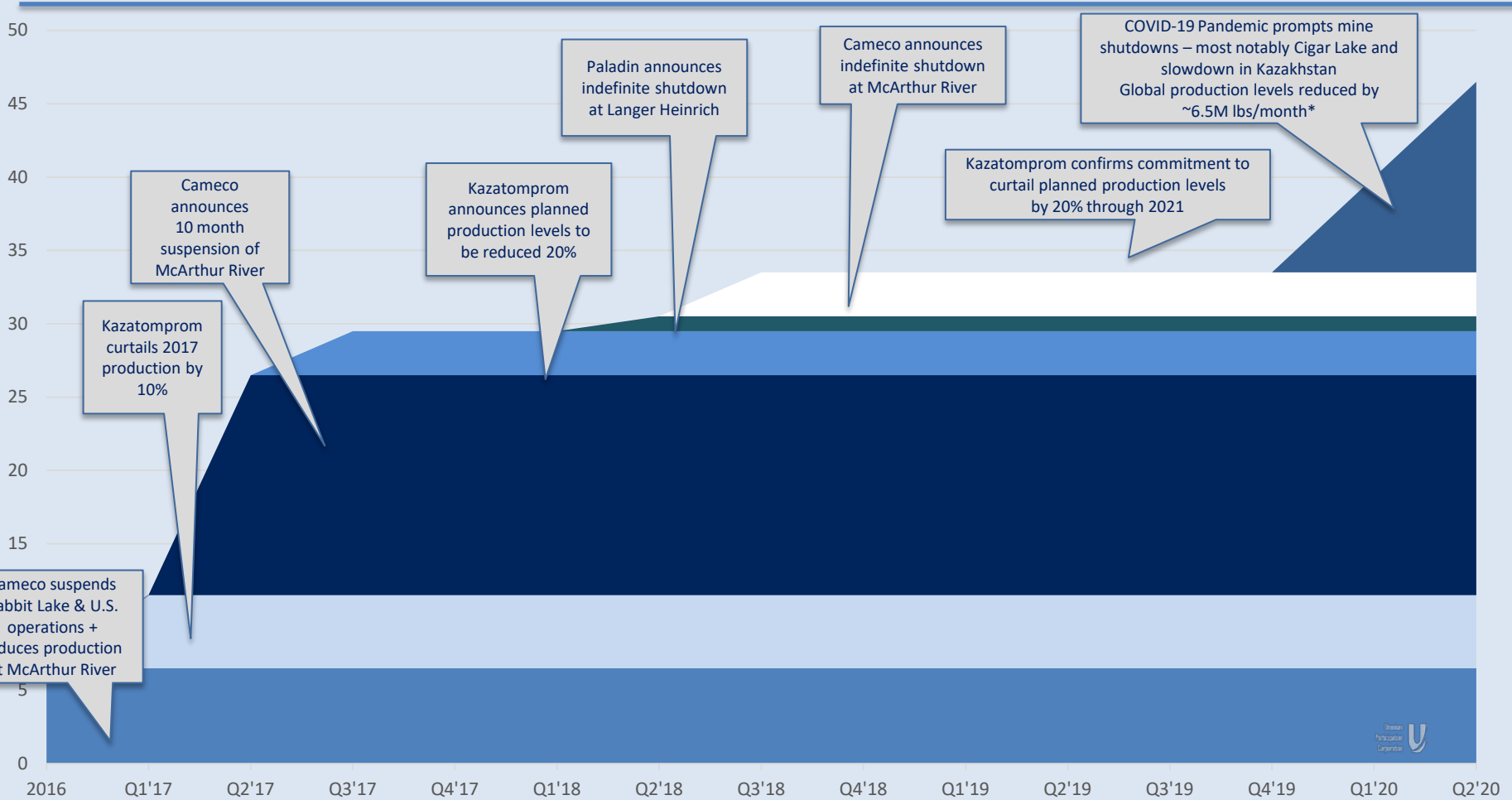
Contract Volumes – Low in Recent Years
(million pounds U₃O₈ - per UxC Q2'20)



Source: UxC Uranium Market Outlook Q2 2020

Production Curtailments

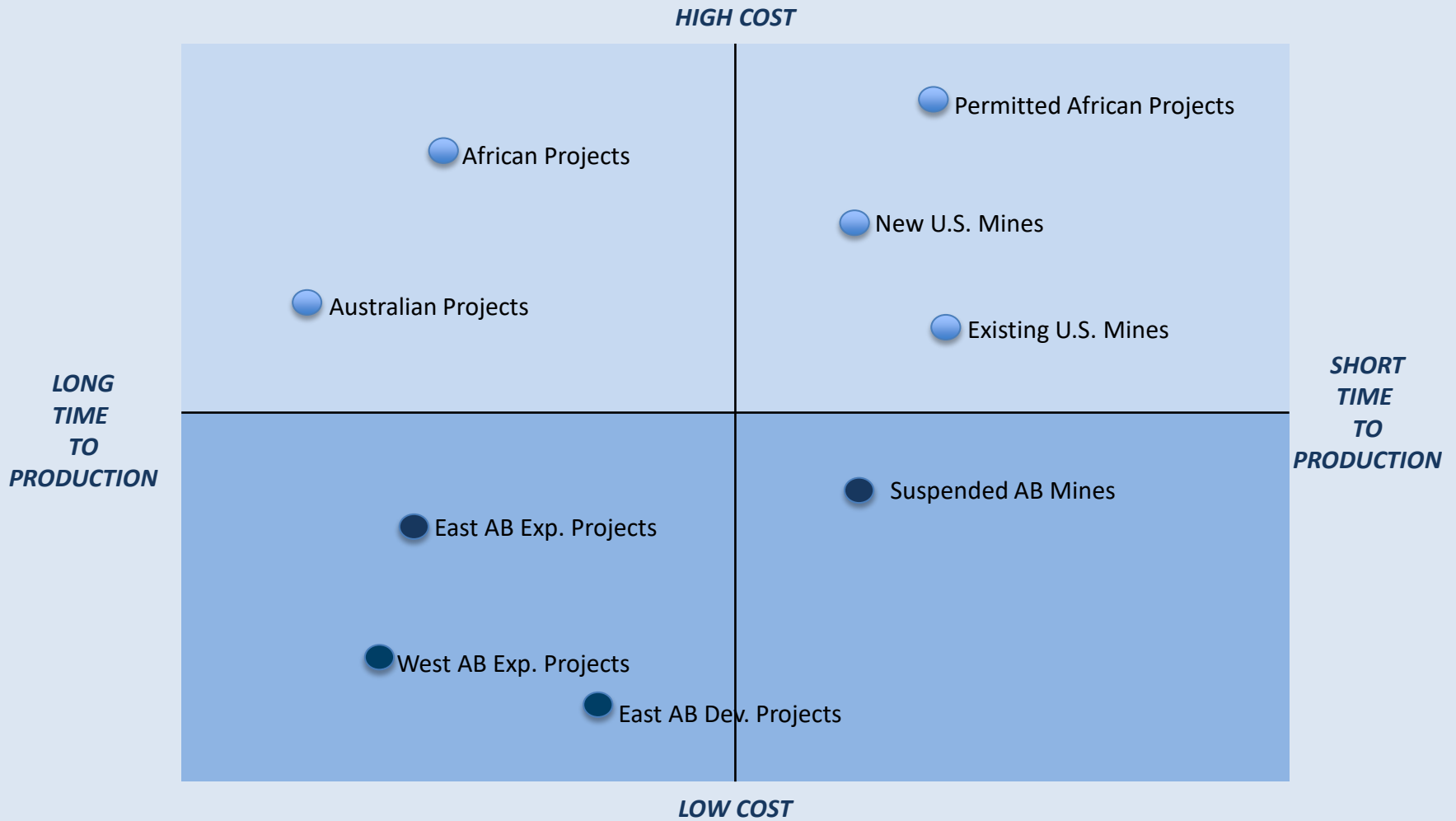
Close to 50M lbs U₃O₈ Per Annum Removed from Market



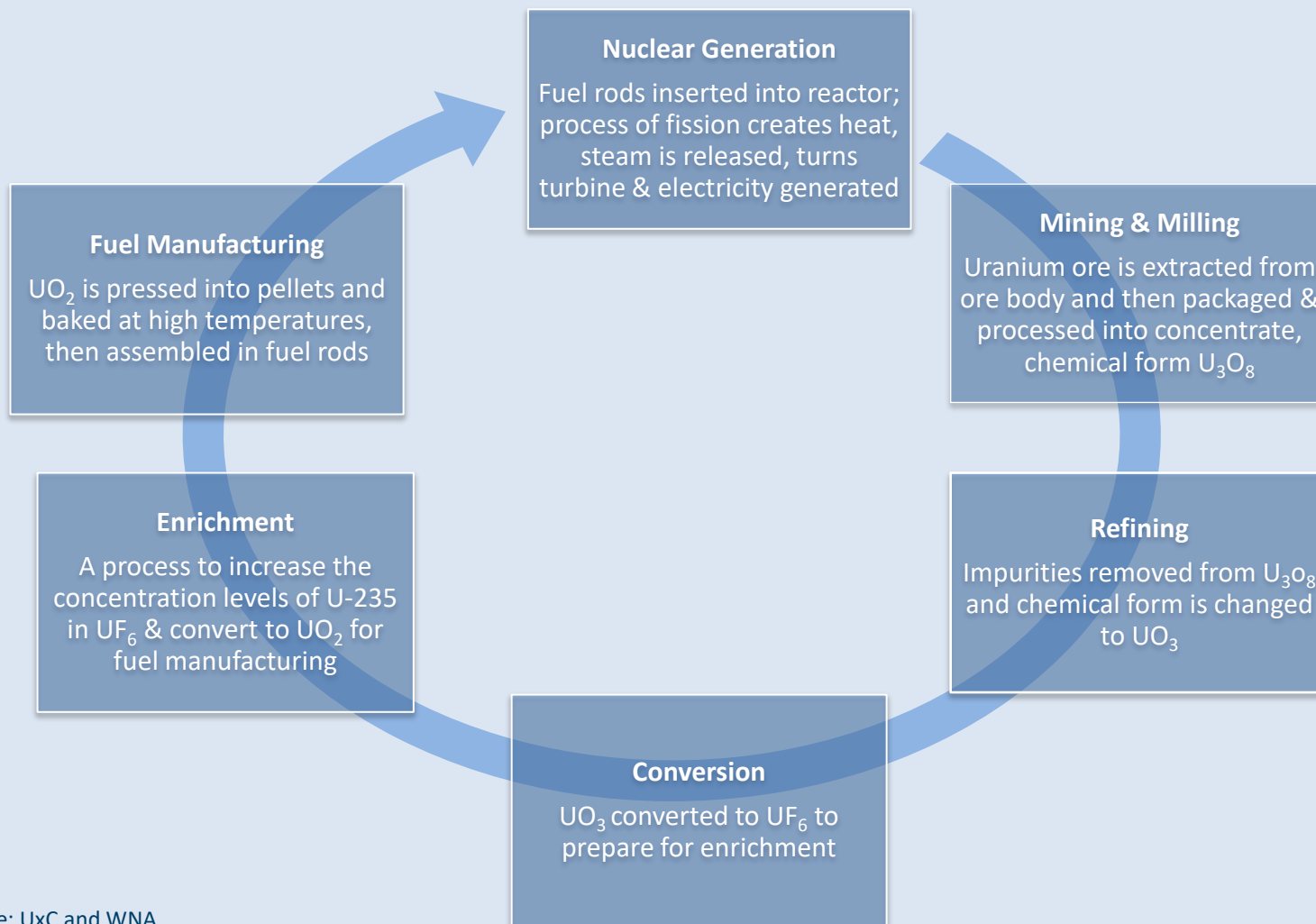
*Note: UPC assumes at least 2 months of reduced production levels and mine shutdowns, removing an additional ~13M lbs U₃O₈ from global supply in 2020.

Dysfunctional Project Pipeline

Global Project Development Struggles to Advance in Current Market



The Nuclear Fuel Cycle



Source: UxC and WNA

Capital Structure & Corporate Information

Market Summary ⁽¹⁾

| | |
|-------------------------------------|-------------|
| Exchange | TSX: U |
| Shares Outstanding | 136.0 M |
| Warrants | nil |
| Options | nil |
| Fully Diluted Shares | 136.0 M |
| Share Price ⁽²⁾ | CAD \$5.13 |
| Market Cap ⁽²⁾ | CAD \$698 M |
| Daily Trading Volume ⁽³⁾ | 550K |

(1) Based on the pro forma issued and outstanding share amount of 136,007,711 as at September, 2020. See news release dated October 6, 2020.

(2) Based on shares outstanding above and UPC share price as at September 30, 2020

(3) Average daily trading volume over the 3-months as at July 13th, 2020 per Bloomberg

Management & Directors

- David Cates (President & CEO)
- Mac McDonald (VP Finance & CFO)
- Tim Gabruch (CCO)

- Jeff Kennedy (Non-Executive Chairman)
- Paul Bennett (Director)
- Thomas Hayslett (Director)
- Garth A.C. MacRae (Director)
- Ganpat Mani (Director)
- Dorothy Sanford (Director)

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TSX: U

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