

November 11, 2020

Uranium Participation Corporation

Model update

Our view: We are updating our UPC model to account for uranium sales and share buybacks, as well as to roll forward price assumptions used in our valuation. We value UPC based on our forecast of \$30/lb U308 in 2021 and maintain our price target at \$5/sh. We maintain our Sector Perform rating.

Key points:

Uranium market balanced through mid-2020s before entering significant deficit: We forecast a relatively balanced market through the mid-2020s as growing demand is met by increased supply. As we enter the late-2020s, we expect a growing deficit as supply decreases due to mine depletion and a reduction in secondary supply. We expect prices to increase gradually through mid-2020's into the \$35-40/lb range, from ~\$30/lb currently, supported by the uranium cost curve. As the market moves into deficit, we expect prices to increase more significantly and forecast a long-term uranium price at \$50/lb which we view as the necessary incentive price for new mine supply. Please see RBCCM Uranium Outlook: Recovery in progress as balance set to turn into L-T deficit for more details.

Uranium sales fund share buybacks: Since February 2020, UPC has sold 225Klbs U3O8 at an average price of \$33.02/lb, which was primarily used to repurchase 2,053,002 shares at an average price of \$4.94/share.

Rolling forward price assumptions, increase NAV forecast: We have moved forward our price assumptions used in our valuation for UPC shares. We use our FY2021 price forecast of US\$30/lb U308 and \$1.33 USD/ CAD exchange rate to set our 1-yr price target. As a result, our forecast net asset value increases to \$5.02/sh, from \$4.98/sh, previously.

Maintain Sector Perform, \$5.00 price target: We are maintaining our price target to reflect our NAV forecast. The shares are currently trading at 17.3% discount to current spot price implied NAV (\$4.98/sh at \$29.70/ Ib U308 spot price), which historically reflects a rising uranium price environment.

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Sector Perform

TSX: U; CAD 4.19

Price Target CAD 5.00

WHAT'S INSIDE	
☐ Rating/Risk Change	☐ Price Target Change
☐ In-Depth Report	☑ Est. Change
☐ Preview	✓ News Analysis

Scenario Analysis*

4	Downside Scenario	Current Price	Price Target	Upside Scenario	
	3.50	4.19	5.00	6.00	—
	↓ 16%		† 19%	↑ 43%	

*Implied Total Returns

Key Statistics

Shares O/S (MM):	136.0	Market Cap (MM):	570
Dividend:	0.00	Yield:	0.0%
NAVPS:	5.17	P/NAVPS:	0.81x
		Avg. Daily Volume:	705,814

All market data in CAD; all financial data in USD; dividends paid in CAD



Target/Upside/Downside Scenarios

Exhibit 1: Uranium Participation Corporation



Source: Bloomberg and RBC Capital Markets estimates for Upside/Downside/Target

Price target/base case

We rate UPC shares Sector Perform, with a \$5.00 price target. We value the company by attributing 100% to our net asset value calculation, which is calculated using the current inventory of uranium and applying our 2021 forecasts: \$30.00/ lb U₃O₈, \$21.00/kg conversion, and \$1.33 CAD\$ per US\$. We also adjust for changes to non-investment net assets including income tax asset or liability.

Upside scenario

Our upside scenario generates a \$6.00 price. We assume that uranium prices recover more quickly than expected due to strong demand, and higher prices are required to incentivize new mine supply. We increase our uranium price forecast to $$35/lb U_3O_8$ and arrive at \$6.02 NAV per share.

Downside scenario

Our downside scenario generates a \$3.50 price. We assume that uranium prices take longer than expected to recover due to weak demand and new mine supply is not required until later years. We decrease our uranium price forecast to \$20.00/ Ib U_3O_8 and arrive at \$3.48 NAV per share.

Investment summary

We believe that UPC provides investors the most readily accessible means to gain exposure to the uranium spot price with very limited company-specific risks. The company's share price and equity value have an excellent track record of being a strong proxy for uranium spot prices.

Potential catalysts

We see a relatively balanced market through the mid-2020's as growing demand is met by increased supply. As we enter the late-2020's, we expect a growing deficit as supply decreases due to mine depletion and a reduction in secondary supply. As a result, we expect prices to increase gradually through mid-2020's into the \$35-40/lb range, and forecast a longterm uranium price at \$50/lb which we view as the necessary incentive price for new mine supply.

Japanese reactor restarts are starting to gain traction as companies work through the regulatory approval process and upgrade reactor facilities. As reactors come on-line, that should increase uranium demand and alleviate some supplyside pressure from Japanese inventories.

Any additional mine closures caused by low uranium prices would be considered positive for uranium prices.

Risks to our investment thesis

We highlight the following key risks and sensitivities that could be potentially material to our thesis on UPC: 1) weaker-thanexpected uranium prices; 2) currency volatility, primarily CAD/ USD; 3) changing premium or discount of UPC's net asset value vs. the share price; and 4) potential value dilution from operating costs.



Exhibit 2: RBC Uranium Supply & Demand Forecast

S&D (Mlbs U3O8)	2015	2016	2017	2018	2019	2020E	2021E	2022E	2023E	2024E	2025E	2026E	2027E	2028E	2029E	2030E	CAGR 20-30E	CAGF 20-35
Generating Capacity (GWe)	338	346	358	362	371	370	367	370	370	380	381	384	398	405	407	417	1%	1%
North America	52	53	54	55	54	52	52	50	50	49	49	48	48	48	48	48	-1%	0%
South America	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	3	7%	3%
West & Central Europe	52	50	50	47	48	50	48	45	43	45	44	43	43	42	40	41	-2%	-2%
East Europe	19	20	22	21	25	24	23	23	24	23	23	23	22	24	25	25	0%	0%
Africa	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	9%	3%
Central Asia & Middle East	1	1	1	4	2	1	3	2	3	4	8	5	6	5	6	7	17%	10%
East Asia	41	37	49	53	49	39	40	41	43	50	52	53	52	54	54	57	4%	2%
Other Asia	4	4	3	3	4	4	6	8	8	10	10	8	9	9	11	9	8%	6%
Demand	171	167	181	186	183	172	175	173	173	183	188	181	182	185	187	191	1%	0%
Africa	20	19	20	23	23	21	20	19	19	19	18	18	18	18	18	18	-1%	-4%
Australia	15	16	14	17	16	16	12	12	12	12	12	13	14	15	16	16	0%	-2%
Canada	34	36	34	18	18	10	17	18	27	36	36	36	36	24	18	18	5%	4%
Kazakhstan	61	64	61	56	59	47	59	59	62	63	62	62	60	60	60	60	2%	1%
Russia	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	0%	0%
Ukraine	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0%	0%
Uzbekistan	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0%	0%
United States	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
Other	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	0%	0%
Mine Supply	159	164	157	141	143	122	137	137	149	158	156	157	156	145	140	140	1%	0%
Russia	14	16	18	16	16	15	15	15	15	15	14	13	11	11	11	9	-5%	-4%
United States	8	6	5	4	3	3	1	1	2	1	2	1	2	2	3	1	-11%	-8%
Other	18	17	17	19	18	15	14	12	11	10	9	9	8	9	8	8	-6%	-5%
Secondary Supply	40	39	39	38	36	33	29	29	28	26	25	23	21	21	22	17	-6%	-5%
Mine Supply	159	164	157	141	143	122	137	137	149	158	156	157	156	145	140	140	1%	0%
Secondary Supply	40	39	39	38	36	33	29	29	28	26	25	23	21	21	22	17	-6%	-5%
Total Supply	199	203	196	180	180	156	166	166	177	184	181	180	177	166	162	157	0%	-1%
Surplus/Deficit	29	36	16	-6	-3	-16	-9	-7	4	2	-6	-1	-5	-19	-25	-34		
Supply as % of demand	117%	121%	109%	97%	98%	90%	95%	96%	102%	101%	97%	99%	97%	90%	87%	82%		
Spot Price (US\$/lb)	\$37	\$26	\$22	\$25	\$26	\$29	\$30	\$33	\$33	\$35	\$35	\$35	\$40	\$40	\$40	\$50	5%	6%
Term Price (US\$/lb)	\$47	\$40	\$31	\$31	\$32	\$32	\$34	\$35	\$38	\$40	\$40	\$40	\$50	\$50	\$50	\$50	5%	4%

Source: RBC Capital Markets estimates



Exhibit 3: UPC valuation summary

RBC Capital Market	ts®			Andrew Wong
Global Mining R	esearch			416-842-7830 andrew.d.wong@rbccm.com
Uranium Participation Corpora	tion			Rating Sector Perform
(U - TSX)				12-Month Target C\$5.00
				Current Share Price C\$4.12
Current UPC Implied U ₃ O ₈ Price	(US\$/lb)		\$24.41	52-Week High C\$5.39
Premium/(Discount) to Recent Urani	um Spot Price		(17.8%)	52-Week Low C\$3.12
Current UPC Implied NAV (CAD			\$4.98	Market Capitalization (M) C\$560
Premium/(Discount) to Current Share	e Price		(17.3%)	Shares Outstanding (M) 136
Current Price (from Ux Consult	ing), November 9,	2020		Year-end 28-Feb Reporting Currency CAD\$
U₃O ₈ Spot Price	US\$/lb	\$29.70		
Conversion Price	US\$/kg	\$21.00		
CAD\$ per US\$	CAD\$	\$1.30		UPC Implied Uranium Price vs. Ux Reported Spot Price
RBC Model Assumptions				—— UPC Implied Price —— Ux Price
U₃O ₈ Spot Price	US\$/lb	\$30.00		\$80
Conversion Price	US\$/kg	\$21.00		© \$70 -
CAD\$ per US\$	CAD\$	\$1.33		S \$60 + \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
				\$ \$50
Current Holdings, Costs and Ma	Volume Held	Cost Base	Market Value	80 \$70 90 950 950 950 950 950 950 950 950 950
	(lbs/kgU)	(C\$ 000)	(C\$ 000)	Ē \$30
U ₃ O ₈ (lbs)	16,058,373	171,592	618,583	Eg \$20
UF ₆ (kg)	400,000	641,309	51,155	\$10
U₃O ₈ Equivalent Total (lbs)	17,103,513	812,901	669,738	Jan-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-12 Sep-12 Sep-13 Jun-16 Jun-18 Sep-17 Sep-17 Jun-18 Ju
Per Share	0.13	\$5.98	\$4.92	
Other Net Assets			\$0.06	
NAV (at spot prices and exchange ra	ites)		\$4.98	UPC Implied Premium/Discount vs. Share Price
Prem/(Disc.) to Current Price			(17.3%)	Implied Premium/Discount (LHS) ——UPC Share Price (RHS)
Net Asset Value Forecast (CADS				30%
	Base	Upside	Downside	<u>E</u> 20% - \$8 ⊊
U ₃ O ₈ Price	\$30.00	\$35.00	\$20.00	E 10% - \$7 ha
Conversion price CAD\$ per US\$	\$21.00 \$1.33	\$24.00 \$1.33	\$18.00 \$1.33	g
CAD y per 03 y	Ç1.33	Ş1.33	γ1.33	\$8 UPC Share Price (CADS/sh) \$6 (ADS/sh) \$20% \$6 (ADS/sh) \$6 (ADS/sh)
Assets				-10% - \$5 \(\text{A} \)
Investments at Market Value	695,341	810,964	465,694	<u>□</u> -20%
Cash and equivalents	4,089	4,089	4,089	□ -30%
Sundry receivables Future income tax asset	4,496 0	4,496 0	4,496 0	UPC 190
Total Assets	703,926	819,549	474,279	
	,	,-	,	
Liabilities				
Accounts payable and accruals	544	544	544	UPC NAV Sensitivity to Uranium Price and Currency
Other liabilities Future income tax liability	0 0	0 0	0 0	—— Uranium Price (US\$/lb) —— CAD per USD (CAD\$/US\$)
Total Liabilities	5 44	5 44	544	Exchange Rate (CAD\$ per US\$)
				\$1.40 \$1.10 \$1.10 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00
Net Asset Value	703,382	819,005	473,735	(£) \$10
Net Asset Value per Share	\$5.17	\$6.02	\$3.48	ADA \$8 \$
Target NAV Multiple	1.0x	1.0x	1.0x	<u>0</u> \$6
Target Price	\$5.00	\$6.00	\$3.50	OPC (AAS) (AAS) (AAS) (ABS)
Prem/(Disc.) to Current Price	21.4%	45.6%	(15.0%)	\$2
Target Price Sensitivities				
US\$5/lb Change in U ₃ O ₈ Price	\$0.82			\$38 \$38 \$39 \$39 \$39 \$39 \$39 \$39 \$39 \$39 \$39 \$39
\$0.05 Change in CAD\$ per US\$	\$0.22			U ₃ O ₈ Price (US\$/lb)
, ,	+3.22			
Priced as of November 9 th 2020 market clo	ose			
Source: Company reports, RBC Capital Ma	rkets estimates			



Valuation

We value the company by attributing 100% to our net asset value calculation, which is calculated using the current inventory of uranium and applying our 2021 forecasts: \$30.00/ lb U_3O_8 , \$21.00/kg conversion, and \$1.33 CAD\$ per US\$. We also adjust for changes to non-investment net assets including income tax asset or liability. Our price target of \$5 supports our Sector Perform rating.

Risks to rating and price target

We highlight several key risks and sensitivities that could be potentially material to our thesis on UPC: 1) weaker-than-expected uranium prices; 2) currency volatility, primarily CAD/USD; and 3) changing premium or discount of UPC's net asset value vs. the share price.

Company description

Uranium Participation Corporation (UPC) is an investment holding company based in Toronto, Canada, focused exclusively on investing in uranium. The company raises capital by issuing equity and/or warrants and invests at least 85% of the proceeds in uranium that can be in the form of uranium oxide concentrates (U3O8) or converted uranium hexafluoride (UF6). UPC also generates income to help offset operating costs through uranium lending and interest from cash.



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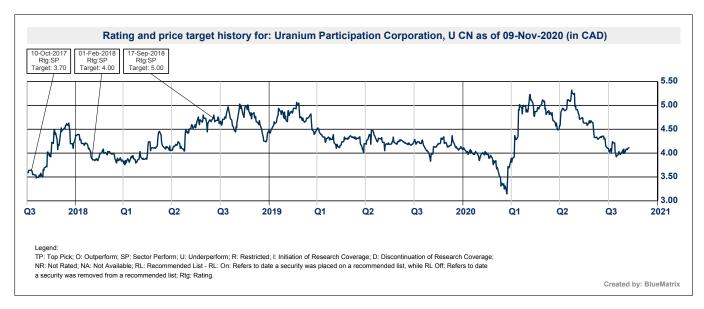
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RBC Capital Markets, Equity Research									
	As of 30-5	Sep-2020							
			Investment Bank	ing					
			Serv./Past 12 Mo	os.					
Rating	Count	Percent	Count	Percent					
BUY [Outperform]	788	52.96	248	31.47					
HOLD [Sector Perform]	619	41.60	135	21.81					
SELL [Underperform]	81	5.44	11	13.58					





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Uranium Participation Corporation

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