

# CVX/XOM

# US Majors: Q2'22 Preview

We forecast a mixed quarter for CVX with our EPS above but CFPS below consensus. Execution remains in focus for CVX, especially with recent CPC headlines, and there's pressure to deliver more on the buyback given XOM's 2022 guidance. For XOM, our updated EPS is 1% below the implied 8-K midpoint.

#### **CVX**

**EPS above, CFPS below consensus:** Our updated Q2'22 EPS estimate of \$5.39 is 13% above consensus and includes \$2bn increases in each the upstream and downstream, along with a \$270mm decrease in corporate costs. However, our \$6.59 CFPS forecast is 6% below consensus. See Figure 1 for a comparison of Barclays vs. consensus estimates.

**Upstream:** In the upstream, we estimate a 3% decline in production to 2,956 MBOE/d reflecting higher maintenance activity (Wheatstone, APLNG, TCO), which is more than offset by higher oil, L48 natural gas, and contract LNG prices. We look forward to the earnings call for potential color on recent news that the Caspian Pipeline Consortium (CPC) is appealing a Russian court order calling for it to halt all terminal operations for 30 days due to alleged violations of an oil-spill prevention plan (Kazakh oil loadings proceed as CPC fights Russia court order, 7/7/22). Recall that the CPC pipeline transports CVX crude from Kazakhstan and terminates at a Russian port (Novorossiysk) on the Black Sea coast.

**Downstream**: Our downstream estimates assume: 1) turnaround expense at the high end of management's guidance range of \$250-\$350mm, 2) 65% capture of incremental margin improvement, and 3) estimated legacy REGI EBITDA of \$100mm pro-rated for the June 13 acquisition close.

We reiterate our OW rating and \$196 price target.

#### хом

**EPS above consensus, slightly below 8-K implied midpoint**: Our updated Q2'22 EPS estimate of \$3.99 is 21% above consensus and 1% below the midpoint of the EPS range implied by XOM's standard earnings 8-K factor filing. Our \$4.98 CFPS forecast is 10% above consensus, and represents an absolute delta vs. consensus of \$0.46/sh compared to our EPS delta of \$0.69/sh. See Figure 7 for a comparison of Barclays vs. consensus estimates.

We reiterate our OW rating and \$111 price target.

Barclays Capital Inc. and/or one of its affiliates does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Please see analyst certifications and important disclosures beginning on page 13. Completed: 08-Jul-22, 14:39 GMT Released: 08-Jul-22, 14:44 GMT Restricted - External

# CORE

U.S. Integrated Oil & E&P POSITIVE

Unchanged

#### U.S. Integrated Oil & E&P

#### Jeanine Wai

+1 212 526 3557 jeanine.wai@barclays.com BCI, US

Eli Bauman, CFA +1 212 526 6972 eli.bauman@barclays.com BCI, US

Kane Chen +1 212 526 6180 kane.chen@barclays.com BCI, US

# Summary of our Ratings, Price Targets and Earnings Changes in this Report (all changes are shown in bold)

	Rat	ting	Price Price Target		et	EPS FY1 (E)			EPS FY2 (E)			
Company	Old	New	7-Jul-22	Old	New	%Chg	Old	New	%Chg	Old	New	%Chg
U.S. Integrated Oil & E&P	Pos	Pos										
Chevron Corporation (CVX)	OW	OW	143.52	196.00	196.00	-	16.88	19.96	18	11.35	19.01	67
Exxon Mobil Corporation (XOM)	OW	OW	85.94	111.00	111.00	-	10.27	13.31	30	7.54	11.91	58

Source: Barclays Research. Share prices and target prices are shown in the primary listing currency and EPS estimates are shown in the reporting currency. FY1(E): Current fiscal year estimates by Barclays Research. FY2(E): Next fiscal year estimates by Barclays Research. Stock Rating: OW: Overweight; EW: Equal Weight; UW: Underweight; RS: Rating Suspended Industry View: Pos: Positive; Neu: Neutral; Neg: Negative

#### **Valuation Methodology and Risks**

### U.S. Integrated Oil & E&P

#### Chevron Corporation (CVX / CVX)

**Valuation Methodology:** Our \$196 12-month price target assumes CVX dividend yield is in-line with its historical delta vs. the S&P given line of sight to ~0% net debt/cap and measurable progress on renewables with RNG and biofuels, and implies \$196/share.

**Risks which May Impede the Achievement of the Barclays Research Valuation and Price Target:** Risks to our price target include lower than anticipated commodity prices, operational issues associated with long lead time, highly technical development projects, and contract risk associated with production sharing contracts and licenses with sovereign governments.

#### Exxon Mobil Corporation (XOM / XOM)

**Valuation Methodology:** Our \$111 price target is based on application of a 75 basis point premium to XOM's 2010 - 2019 1.3% yield premium to the S&P 500, or a total implied 3.4% dividend yield on estimated 2023 dividend of \$3.7/sh dividend.

**Risks which May Impede the Achievement of the Barclays Research Valuation and Price Target:** Risks to our price target include lower than anticipated commodity prices, operational issues associated with long lead time, highly technical development projects, and contract risk associated with production sharing contracts and licenses with sovereign governments.

Source: Barclays Research

# CVX: Q2'22 Preview

Our updated Q2'22 EPS estimate of \$5.39 is 13% above consensus and reflects \$2bn increases in each the upstream and downstream, along with a \$270mm decrease in corporate costs that is consistent with the quarterly run rate implied by the FY'22 guidance. However, our \$6.59 CFPS forecast is 6% below consensus. See Figure 1 for a comparison of Barclays vs. consensus estimates.

Our CFPS estimate is based on pre-working capital CFO of \$12.8bn, which includes an \$827mm deferred tax tailwind in the US which is offset by a working capital increase. While we model a marginal increase in Q2 affiliate distributions (\$743mm in Q2'22 vs. \$644mm in Q1'22), our estimated affiliate income in excess of distributions increases to \$1.9bn from \$1.4bn, reflecting our assumption that a TCO dividend will not be paid until later in the year. Our FY'22 distribution forecast of \$4.1bn assumes a \$1.25bn TCO distribution in Q4'22 and is ~\$1bn above the high end of CVX's original TCO distribution guidance range of \$2-3bn, but roughly in line with management commentary on CVX's Q1'22 conference call.

- In the upstream, our Q2'22 EPS and CFPS estimates reflect a 3% decline in production to 2,954 MBOE/d reflecting higher maintenance activity (Wheatstone, APLNG, TCO), which is more than offset by higher oil, L48 natural gas, and contract LNG prices.
- Our downstream estimates assume turnaround costs at the high end of the \$250-\$350mm range, or a ~\$50mm headwind vs. the prior quarter as we suspect higher costs may have been incurred due to a delay in the Richmond turnaround. As a result, in addition to higher direct maintenance costs we assume a \$100mm margin capture headwind in the US related. Also, note that the Richmond turnaround fell during CA's highest margin month for the quarter (\$48 in June vs. the Apr/May average of \$39). Finally, we include estimated legacy REGI EBITDA of \$100mm on a pro-rated basis for the June 13 close of the acquisition.

FIGURE 1. Barclays vs. consensus at current strip

CVX	2Q22				3Q22			2022		
-	Barclays	Consensus	Delta	Barclays	Consensus	Delta	Barclays	Consensus	Delta	
Liquids Production (MBO/d)	1746	1758	-1%	1793	1819	-1%	1773	1777	0%	
Total Production (MBOE/d)	2954	2976	-1%	3065	3052	0%	3039	3038	0%	
Capex (\$mm)*	3,346	3,179	5%	3,128	3,109	1%	11,002	11,745	-6%	
Barclays Price Deck										
EPS	5.39	4.78	13%	5.78	4.97	16%	19.22	16.85	14%	
CFPS	6.59	7.05	-6%	6.59	7.39	-11%	24.15	24.99	-3%	
Pre- Dividend FCF (\$mm)	9,440	10,223	-8%	9,541	10,704	-11%	35,538	32,830	8%	
FCF Yield (EV)							12%	11%		

\*Represents cash flow statement capex \*\*Barclays FCF = CFO less cash capex

Source: Barclays Research, Bloomberg \*Barclays capex estimates include \$600mm related the Bunge JV, but not the \$3.15bn REGI acquisition

FIGURE 2. Sequential segment estimate comparison

	Q1'22A	Q2'22E	Delta (\$mm)	% Change
US Upstream	3,238	4,216	978	30%
Int'l Upstream	3,840	4,590	750	20%
US Downstream	486	1,632	1,146	236%
Int'l Downstream	(178)	592	770	432%
Corporate	(843)	(575)	268	-32%
Total (\$mm)	6,543	10,454	3,911	60%
CFO (ex WC)	8,992	12,786	3,794	42%
Post dividend FCF (cash capex)	4,281	6,681	2,400	56%
Net Debt	17,662	16,951	(711)	-4%
Net share buyback	(3,386)	2,300	5,686	na

Source: Barclays Research

#### Tengiz up and running

Tengiz downtime accounted for ~20 mboe/d of CVX's total guided maintenance downtime, which represents maintenance and port repairs roughly in line with that described by management on its Q1'22 conference call. Also in line with management commentary, Tengiz production and exports had been restored to full capacity by the end of April.

CPC differentials have also normalized in the mid-single digit range vs. the historical \$1-\$2/bbl discount after reaching discounts as high as ~\$11/bbl in March 2022. See Figure 3. We now model a 2Q'22 CPC discount of \$5/bbl vs. our prior \$10/bbl estimate.

We look forward to the earnings call for color on a recent news announcement that CPC is appealing a Russian court order calling for it to halt all terminal operations for 30 days due to alleged violations of an oil-spill prevention plan (Kazakh oil loadings proceed as CPC fights Russia court order, 7/7/22).

FIGURE 3. CPC/Brent differentials have normalized in the mid-single digit range

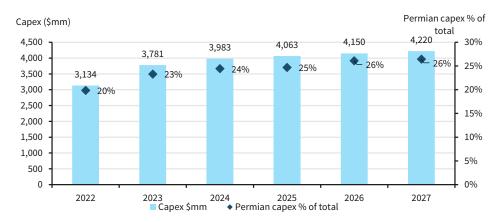


Source: Barclays Research, Argus

# **Permian Update**

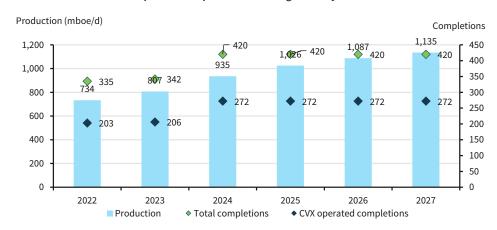
We model total Permian production increasing to 713 MMBOE/d in Q2'22 from 694 MMBOE/d in Q1'22, with growth accelerating slightly in H2'22 to an exit rate of 780 MBOE/d. For the year, our 734 MBOE/d is slightly above the midpoint of the 700-750 MBOE/d guidance range, with our forecast skewed to the upside.

FIGURE 4. We model capex of ~\$3bn in 2022 growing to \$4.2bn by 2027



Source: Barclays Research

FIGURE 5. We forecast CVX operated completions increasing to 272 by 2024 from 203 in 2022



Source: Barclays Research

# **CVX: Cash Return Assumptions**

On a gross basis we model share repurchases of \$2.5bn for Q2'22 and \$9.9bn for 2022, which is at the high end of the company's \$5-10bn guidance range for 2022. Recall that Q1'22 included \$3,561mm cash inflow related to option and share based compensation exercise. Going forward we model gross share buybacks of \$3.0/\$3.0bn in Q3/Q4.

As shown below, our model assumes that net share repurchases increase to \$13bn by 2025 and \$15bn by 2027 while net debt steadily declines over the period. Our assumptions demonstrate that CVX clearly has the capability to more rapidly return cash to shareholders at current strip. However, our estimates reflect management indications that it is inclined to hold cash for downturns, allowing for a more ratable buyback that over time should be capitalized at a higher rate than a more variable 'return stream.' Given strong cash balances this year and XOM increasing its 2022 buyback guidance to ~\$15bn/yr in 2022, we think the market is looking for CVX to increase the buyback this year and we wouldn't be surprised if CVX raises the low end of the 2022 buyback guidance range of \$5-10bn alongside Q2'22 earnings.

Dividend/Buyack, Net debt/cap \$bn \$30.0 15% 13% \$25.0 10% \$20.0 \$14.0 5% 12.04% \$15.0 0% \$10.0 -2% -5% \$11.2 \$11.3 \$11.2 \$10.9 \$11.3 \$11.3 \$5.0 \$0.0 -10% 2022 2024 2025 2026 2027 ■ Dividend ■ Buvback ♦ Net debt/cap

FIGURE 6. We estimate \$10bn of gross buybacks in 2022, or the high end of CVX's \$5 - \$10bn range, which could increase to \$15bn by 2027 and still result in net debt declining to 0 by 2026

Source: Barclays Research

U.S. Integrated Oil & E&P							POSITIVE
Chevron Corporation (CVX)							OVERWEIGHT
Income statement	2021A	2022E	2023E	2024E	CAGR	Price (07-Jul-2022)	USD 143.52
EBITDAX (\$mn)	41,491	70,164	66,398	N/A	N/A	Price Target	USD 196.00
EBITDAX (adj) (\$mn)	41,474	70,448	66,398	N/A	N/A	Why OVERWEIGHT	?
Net income (adj) (\$mn)	15,608	38,474	35,374	N/A	N/A	We believe Chevron	is well positioned
EPS (adj) (\$)	8.13	19.96	19.01	N/A	N/A	to both grow produc	'
Cash flow per share	15.9	24.9	24.2	N/A	N/A	free cash flow to sha	
Diluted shares (mn)	1,919	1,927	1,861	N/A	N/A	the cycle and its End	ergy Strategy will
DPS (\$)	5.33	5.71	6.06	N/A	N/A	begin to be recogniz	zed by investors
Balance sheet and cash flow (\$mn)	2021A	2022E	2023E	2024E	CAGR	over the coming yea	
Cash and equivalents	5,640	17,757	24,032	N/A	N/A	communication inci	
Total debt	31,369	25,133	20,383	N/A	N/A	also holds an advan	0 , ,
Shareholders' equity	139,940	162,783	176,005	N/A	N/A	position in the Perm exploration upside i	•
Discretionary cash flow	30,548	48,076	44,982	N/A	N/A	exploration upside i	ii tile Easterii Med.
Capital expenditure	-8,056	-11,002	-12,660	N/A	N/A	Upside case	USD 202.00
Dividends paid	-10,215	-10,953	-11,224	N/A	N/A	Our upside case ass	umes CVX trades in
Free cash flow	12,277	26,120	21,098	N/A	N/A	line with its 10 year yield premium to	
Valuation and leverage metrics	2021A	2022E	2023E	2024E	Average	the S&P.	
P/E (adj) (x)	17.7	7.2	7.6	N/A	10.8	Downside case	USD 112.00
EV/DACF (x)	16.7	10.3	10.6	N/A	12.5	Our downside case	assumes CVX
CROIC (%)	18.5	29.0	26.6	N/A	24.7	trades in line with th	ne 2020 average
EV/EBITDAX (adj) (x)	12.6	7.2	7.3	N/A	9.0	yield premium to th	e S&P.
Net debt/EBITDAX (adj) (x)	0.6	0.1	-0.1	N/A	0.2	Upside/Downside s	cenarios
Total debt/capital (%)	12.6	10.9	9.6	N/A	11.0	• ,	
Dividend yield (%)	3.7	4.0	4.2	N/A	4.0	Price History Prior 12 months	Price Target Next 12 months
FCF yield (%)	2.4	5.2	4.3	N/A	4.0	High	Upside
Selected operating metrics	2021A	2022E	2023E	2024E	Average	182.40	202.00 Target
Total production (000 boe/d)	3,099.2	3,036.6	3,102.7	N/A	3,079.5		196.00
Oil production (000 BO/d)	1,814.3	1,770.5	1,824.7	N/A	1,803.2	Current 143.52	
Natural gas prod (000 000 CF/d)	7,709.0	7,596.5	7,667.9	N/A	7,657.8	2.5152	112.00
NGL production (000 B/d)	N/A	N/A	N/A	N/A	N/A	92.86	112.00
YoY production growth (%)	0.52	-2.02	2.18	N/A	0.23	Low	Downside

Note: FY End Dec

Source: Company data, Bloomberg, Barclays Research

# XOM: Q2'22 Preview

# EPS and CFPS above consensus likely reflecting a lag in estimate updates

Our updated Q2'22 EPS of \$3.99 is 21% above consensus and 1% below the midpoint of the EPS range implied by XOM's standard 8-k earnings factor filing. Our \$4.98 CFPS forecast is 10% above consensus, and represents an absolute delta vs. consensus of \$0.46/sh compared to our EPS delta of \$0.69/sh. We note that our CFPS estimate is based on pre-working capital CFO of \$21.0bn. See Figure 4 for a comparison of Barclays vs. consensus estimates.

### Production estimates slightly below consensus

Our Q2'22 total production estimate of 3,699 MBOE/d is up 1% sequentially, and our liquids/total production estimates are 2/%/1% below consensus. Our model assumes a negative 14 MBOE/d impact related to TCO production downtime as well as the absence of 65 MBOE/d associated with Sakhalin-2 in Q1'22 given company commentary that production and cash flows would be limited by steps taken by XOM to turn over operatorship. In the 'Other Americas' segment, we forecast 18% sequential volume growth due to return of weather-related Kearl downtime from Q1'22, the impact of the Liza-1 de-bottlenecking in Guyana, and ramp-up of Liza-2. Lastly, in the Permian we estimate Q2'22 production of 576 MBOE/d vs. the Q1'22 March rate of 560 MBOE/d, and FY'22 at 576 MBOE/d.

FIGURE 7. Barclays vs. consensus at current strip

хом	2Q22				3Q22			2022		
	Barclays	Consensus	Delta	Barclays	Consensus	Delta	Barclays	Consensus	Delta	
Liquids Production (MBO/d)	2,305	2342	-2%	2,224	2377	-6%	2,264	2,512	-10%	
Total Production (MBOE/d)	3,699	3,752	-1%	3,560	3,752	-5%	3,631	3,739	-3%	
Capex (\$mm)*	4,342	4,542	-4%	4,642	4,637	0%	18,012	18,356	-2%	
EPS	3.99	3.30	21%	3.91	3.11	26%	12.96	10.97	18%	
CFPS	4.98	4.52	10%	4.86	4.46	9%	17.14	16.25	5%	
FCF (\$mm)**	16,534	15,496	7%	15,483	13,845	12%	53,523	50,043	7%	
FCF Yield (EV)							13%	12%		

<sup>\*</sup>Represents cash flow statement capex \*\*Barclays FCF = CFO less cash capex

Source: Barclays Research, Company Reports

FIGURE 8. Sequential segment estimate comparison

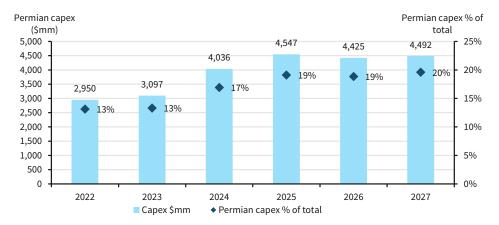
	1Q'22A	2Q'22A	Delta (\$mm)	% Change
Total Upstream	7,743	10,230	2,487	32%
Total Energy Products	(195)	5,137	5,332	na
Total Chemicals	1,406	1,481	76	5%
Total Specialty Products	476	488	12	3%
Corporate	(596)	(597)	(1)	0%
Total Earnings	8,833	16,740	7,907	90%
CFO (ex WC)	13,702	20,876	7,174	52%
FCF (cash capex)	5,550	12,587	7,037	127%
Net Debt	36,463	24,884	(11,579)	-32%

Source: Barclays Research, Company Reports

# **Permian Update**

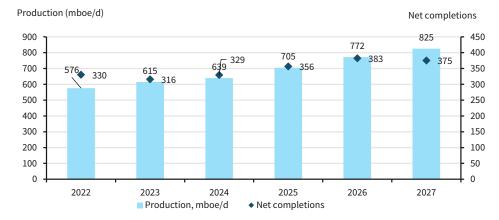
We model total Permian production increasing to 576 MMBOE/d in Q2'22 from 550 MMBOE/d in Q1'22, with ~steady growth to an exit rate of 595 MBOE/d. For the year, our 576 MBOE/d is ~in line with production implied by management's +25% annual Permian increase commentary.

FIGURE 9. We model Permian capex of ~\$3bn increasing to ~\$4.5bn by 2025



Source: Barclays Research, Company Reports

FIGURE 10. We model total Permian production growing to 705mboe/d by 2025, or slightly above the range outlined by the company at its 2022 analyst day



Source: Barclays Research, Company Reports

# **XOM Cash Return Assumptions**

On a gross basis, we model share repurchases of \$3.5bn for Q2'22, \$13.5bn for 2022, and \$16bn in 2023, putting us in line with the company's \$30bn buyback target through the end of next year. As shown below, we assume that XOM's annual net share repurchases increase to \$18bn by 2025 and \$22bn by 2027, which results in a a 'total return' equity yield (dividend + buyback) of 8% on average between 2022 and 2025, in line with our implied total return yield for CVX.

Dividend/Buyack, Net debt/cap \$bn \$40.0 8% \$35.0 6% 5% \$30.0 4% \$25.0 2% \$20.0 **\Pi** 1% \$15.0 -2% -2% \$10.0 \$14.9 \$14.8 \$14.5 \$14.1 \$13.5 \$12.8 -4% \$5.0 \$0.0 -6% 2022 2023 2024 2025 2026 2027 Dividend ■ Buyback ◆ Net debt/cap

FIGURE 11. We estimate \$14bn of net buyback in 2022 for XOM, growing to > \$20bn by 2026

Source: Barclays Research, Company Reports

U.S. Integrated Oil & E&P							POSITIVE
Exxon Mobil Corporation (XOM)							OVERWEIGHT
Income statement (\$mn)	2021A	2022E	2023E	2024E	CAGR	Price (07-Jul-2022	USD 85.94
EBITDAX	54,636	103,982	92,287	79,674	13.4%	Price Target	USD 111.00
EBITDAX (adj)	54,689	107,335	92,287	79,674	13.4%	Why OVERWEIGH	Т?
Net income (adj)	23,015	55,578	47,293	39,053	19.3%		t XOM based on rate
EPS (adj) (\$)	5.38	13.31	11.91	10.37	24.4%	of change in chem	
Cash flow per share (\$)	10.29	17.48	15.98	14.89	13.1%	downstream, rapi	d deleveraging and
Diluted shares (mn)	4,275	4,174	3,972	3,767	-4.1%	potential shareho	lder return in the
DPS (\$)	3.49	3.57	3.73	3.84	3.3%	medium term.	
Balance sheet and cash flow (\$mn)	2021A	2022E	2023E	2024E	CAGR	Upside case	USD 128.00
Cash and equivalents	6,802	30,311	38,531	40,143	80.7%	Our upside scenar	io assumes a long-
Total debt	47,704	41,244	37,244	35,244	-9.6%	term oil price decl	of \$70/bl Brent in
Shareholders' equity	175,683	198,963	215,901	223,939	8.4%	our NAV, 5% servi	ce cost inflation, and
Discretionary cash flow	43,967	72,972	63,475	56,092	8.5%	downstream valua	ation based our 2022
Capital expenditure	-12,076	-18,012	-19,341	-19,968	N/A	post recovery EBI	ΓDA estimates.
Dividends paid	-15,148	-15,156	-15,059	-14,719	N/A	Downside case	USD 71.00
Free cash flow	14,972	38,788	28,219	20,613	11.2%	Our downside sce	
Valuation and leverage metrics	2021A	2022E	2023E	2024E	Average	long-term oil price	
P/E (adj) (x)	16.0	6.5	7.2	8.3	9.5	Brent in our NAV i	ncluding 10% service
EV/DACF (x)	9.1	5.1	5.7	6.4	6.6	cost deflation.	
CROIC (%)	20.2	34.8	30.2	26.1	27.8	Upside/Downside	scenarios
EV/EBITDAX (adj) (x)	7.5	3.5	4.0	4.5	4.9		
Net debt/EBITDAX (adj) (x)	0.7	0.1	0.0	-0.1	0.2	Price History Prior 12 months	Price Target Next 12 months
Total debt/capital (%)	13.7	13.3	13.1	13.3	13.4	High	Upside
Dividend yield (%)	4.1	4.2	4.3	4.5	4.3		128.00
FCF yield (%)	3.7	10.3	7.7	5.7	6.8	105.57	Target 111.00
Selected operating metrics	2021A	2022E	2023E	2024E	Average	Current 85.94	
Total production (000 boe/d)	3,791.7	3,621.4	3,532.0	3,630.3	3,643.8		71.00
Oil production (000 BO/d)	2,290.2	2,258.4	2,243.1	2,366.1	2,289.5	52.10	
Natural gas prod (000 000 CF/d)	9,008.9	8,178.0	7,733.4	7,584.9	8,126.3	Low	Downside
NGL production (000 B/d)	N/A	N/A	N/A	N/A	N/A		
YoY production growth (%)	1.0	-4.5	-2.5	2.8	-0.8		

Note: FY End Dec

Source: Company data, Bloomberg, Barclays Research

#### Analyst(s) Certification(s):

I, Jeanine Wai, hereby certify (1) that the views expressed in this research report accurately reflect my personal views about any or all of the subject securities or issuers referred to in this research report and (2) no part of my compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

#### **Important Disclosures:**

Barclays Research is produced by the Investment Bank of Barclays Bank PLC and its affiliates (collectively and each individually, "Barclays"). All authors contributing to this research report are Research Analysts unless otherwise indicated. The publication date at the top of the report reflects the local time where the report was produced and may differ from the release date provided in GMT.

#### **Availability of Disclosures:**

Where any companies are the subject of this research report, for current important disclosures regarding those companies please refer to https://publicresearch.barclays.com or alternatively send a written request to: Barclays Research Compliance, 745 Seventh Avenue, 13th Floor, New York, NY 10019 or call +1-212-526-1072.

The analysts responsible for preparing this research report have received compensation based upon various factors including the firm's total revenues, a portion of which is generated by investment banking activities, the profitability and revenues of the Markets business and the potential interest of the firm's investing clients in research with respect to the asset class covered by the analyst.

Analysts regularly conduct site visits to view the material operations of covered companies, but Barclays policy prohibits them from accepting payment or reimbursement by any covered company of their travel expenses for such visits.

Barclays Research Department produces various types of research including, but not limited to, fundamental analysis, equity-linked analysis, quantitative analysis, and trade ideas. Recommendations contained in one type of Barclays Research may differ from those contained in other types of Barclays Research, whether as a result of differing time horizons, methodologies, or otherwise.

In order to access Barclays Statement regarding Research Dissemination Policies and Procedures, please refer to https://publicresearch.barcap.com/S/RD.htm. In order to access Barclays Research Conflict Management Policy Statement, please refer to: https://publicresearch.barcap.com/S/CM.htm.

#### Primary Stocks (Ticker, Date, Price)

Chevron Corporation (CVX, 07-Jul-2022, USD 143.52), Overweight/Positive, CD/CE/D/E/GE/J/K/L/M/N

Exxon Mobil Corporation (XOM, 07-Jul-2022, USD 85.94), Overweight/Positive, CD/CE/E/J/K/L/M/N

Unless otherwise indicated, prices are sourced from Bloomberg and reflect the closing price in the relevant trading market, which may not be the last available closing price at the time of publication.

#### Disclosure Legend:

**A:** Barclays Bank PLC and/or an affiliate has been lead manager or co-lead manager of a publicly disclosed offer of securities of the issuer in the previous 12 months.

**B:** An employee or non-executive director of Barclays PLC is a director of this issuer.

CD: Barclays Bank PLC and/or an affiliate is a market-maker in debt securities issued by this issuer.

CE: Barclays Bank PLC and/or an affiliate is a market-maker in equity securities issued by this issuer.

CH: Barclays Bank PLC and/or its group companies makes, or will make, a market in the securities (as defined under paragraph 16.2 (k) of the HK SFC Code of Conduct) in respect of this issuer.

D: Barclays Bank PLC and/or an affiliate has received compensation for investment banking services from this issuer in the past 12 months.

**E:** Barclays Bank PLC and/or an affiliate expects to receive or intends to seek compensation for investment banking services from this issuer within the next 3 months.

**FA:** Barclays Bank PLC and/or an affiliate beneficially owns 1% or more of a class of equity securities of this issuer, as calculated in accordance with US regulations.

**FB:** Barclays Bank PLC and/or an affiliate beneficially owns a long position of more than 0.5% of a class of equity securities of this issuer, as calculated in accordance with EU regulations.

FC: Barclays Bank PLC and/or an affiliate beneficially owns a short position of more than 0.5% of a class of equity securities of this issuer, as calculated in accordance with EU regulations.

**FD:** Barclays Bank PLC and/or an affiliate beneficially owns 1% or more of a class of equity securities of this issuer, as calculated in accordance with South Korean regulations.

**FE:** Barclays Bank PLC and/or its group companies has financial interests in relation to this issuer and such interests aggregate to an amount equal to or more than 1% of this issuer's market capitalization, as calculated in accordance with HK regulations.

**GD:** One of the Research Analysts on the fundamental credit coverage team (and/or a member of his or her household) has a long position in the common equity securities of this issuer.

**GE:** One of the Research Analysts on the fundamental equity coverage team (and/or a member of his or her household) has a long position in the common equity securities of this issuer.

**H:** This issuer beneficially owns more than 5% of any class of common equity securities of Barclays PLC.

I: Barclays Bank PLC and/or an affiliate is party to an agreement with this issuer for the provision of financial services to Barclays Bank PLC and/or an affiliate.

J: Barclays Bank PLC and/or an affiliate is a liquidity provider and/or trades regularly in the securities of this issuer and/or in any related derivatives.

**K:** Barclays Bank PLC and/or an affiliate has received non-investment banking related compensation (including compensation for brokerage services, if applicable) from this issuer within the past 12 months.

L: This issuer is, or during the past 12 months has been, an investment banking client of Barclays Bank PLC and/or an affiliate.

M: This issuer is, or during the past 12 months has been, a non-investment banking client (securities related services) of Barclays Bank PLC and/or an affiliate.

N: This issuer is, or during the past 12 months has been, a non-investment banking client (non-securities related services) of Barclays Bank PLC and/or an affiliate.

O: Not in use.

**P:** A partner, director or officer of Barclays Capital Canada Inc. has, during the preceding 12 months, provided services to the subject company for remuneration, other than normal course investment advisory or trade execution services.

Q: Barclays Bank PLC and/or an affiliate is a Corporate Broker to this issuer.

R: Barclays Capital Canada Inc. and/or an affiliate has received compensation for investment banking services from this issuer in the past 12 months.

S: This issuer is a Corporate Broker to Barclays PLC.

**T:** Barclays Bank PLC and/or an affiliate is providing equity advisory services to this issuer.

U: The equity securities of this Canadian issuer include subordinate voting restricted shares.

V: The equity securities of this Canadian issuer include non-voting restricted shares.

#### Risk Disclosure(s)

Master limited partnerships (MLPs) are pass-through entities structured as publicly listed partnerships. For tax purposes, distributions to MLP unit holders may be treated as a return of principal. Investors should consult their own tax advisors before investing in MLP units.

#### Disclosure(s) regarding Information Sources

Copyright © (2022) Sustainalytics. Sustainalytics retains ownership and all intellectual property rights in its proprietary information and data that may be included in this report. Any Sustainalytics' information and data included herein may not be copied or redistributed, is intended for informational purposes only, does not constitute investment advice and is not warranted to be complete, timely and accurate. Sustainalytics' information and data is subject to conditions available at https://www.sustainalytics.com/legal-disclaimers/

Bloomberg® is a trademark and service mark of Bloomberg Finance L.P. and its affiliates (collectively "Bloomberg") and the Bloomberg Indices are trademarks of Bloomberg. Bloomberg or Bloomberg's licensors own all proprietary rights in the Bloomberg Indices. Bloomberg does not approve or endorse this material, or guarantee the accuracy or completeness of any information herein, or make any warranty, express or implied, as to the results to be obtained therefrom and, to the maximum extent allowed by law, Bloomberg shall have no liability or responsibility for injury or damages arising in connection therewith.

#### **Guide to the Barclays Fundamental Equity Research Rating System:**

Our coverage analysts use a relative rating system in which they rate stocks as Overweight, Equal Weight or Underweight (see definitions below) relative to other companies covered by the analyst or a team of analysts that are deemed to be in the same industry (the "industry coverage universe").

In addition to the stock rating, we provide industry views which rate the outlook for the industry coverage universe as Positive, Neutral or Negative (see definitions below). A rating system using terms such as buy, hold and sell is not the equivalent of our rating system. Investors should carefully read the entire research report including the definitions of all ratings and not infer its contents from ratings alone.

#### Stock Rating

**Overweight** - The stock is expected to outperform the unweighted expected total return of the industry coverage universe over a 12-month investment horizon.

**Equal Weight** - The stock is expected to perform in line with the unweighted expected total return of the industry coverage universe over a 12-month investment horizon.

**Underweight** - The stock is expected to underperform the unweighted expected total return of the industry coverage universe over a 12-month investment horizon.

Rating Suspended - The rating and target price have been suspended temporarily due to market events that made coverage impracticable or to comply with applicable regulations and/or firm policies in certain circumstances including where the Investment Bank of Barclays Bank PLC is acting in an advisory capacity in a merger or strategic transaction involving the company.

# **Industry View**

**Positive** - industry coverage universe fundamentals/valuations are improving.

Neutral - industry coverage universe fundamentals/valuations are steady, neither improving nor deteriorating.

Negative - industry coverage universe fundamentals/valuations are deteriorating.

Below is the list of companies that constitute the "industry coverage universe":

### U.S. Integrated Oil & E&P

APA Corporation (APA) Brigham Minerals, Inc. (MNRL) Chevron Corporation (CVX)

ConocoPhillips (COP) Continental Resources, Inc. (CLR) Coterra Energy (CTRA)

Devon Energy Corporation (DVN)

Exxon Mobil Corporation (XOM)

Occidental Petroleum Corporation (OXY)

Sitio Royalties Corp. (STR)

Diamondback Energy (FANG)

Hess Corporation (HES)

Ovintiv Inc. (OVV) SM Energy (SM) EOG Resources, Inc. (EOG)

Marathon Oil Corporation (MRO)

Pioneer Natural Resources Company (PXD)

Viper Energy Partners LP (VNOM)

#### **Distribution of Ratings:**

Barclays Equity Research has 1715 companies under coverage.

51% have been assigned an Overweight rating which, for purposes of mandatory regulatory disclosures, is classified as a Buy rating; 52% of companies with this rating are investment banking clients of the Firm; 71% of the issuers with this rating have received financial services from the Firm.

33% have been assigned an Equal Weight rating which, for purposes of mandatory regulatory disclosures, is classified as a Hold rating; 42% of companies with this rating are investment banking clients of the Firm; 69% of the issuers with this rating have received financial services from the Firm.

13% have been assigned an Underweight rating which, for purposes of mandatory regulatory disclosures, is classified as a Sell rating; 31% of companies with this rating are investment banking clients of the Firm; 64% of the issuers with this rating have received financial services from the Firm.

#### **Guide to the Barclays Research Price Target:**

Each analyst has a single price target on the stocks that they cover. The price target represents that analyst's expectation of where the stock will trade in the next 12 months. Upside/downside scenarios, where provided, represent potential upside/potential downside to each analyst's price target over the same 12-month period.

#### **Top Picks:**

Barclays Equity Research's "Top Picks" represent the single best alpha-generating investment idea within each industry (as defined by the relevant "industry coverage universe"), taken from among the Overweight-rated stocks within that industry. While analysts may highlight other Overweight-rated stocks in their published research in addition to their Top Pick, there can only be one "Top Pick" for each industry. To view the current list of Top Picks, go to the Top Picks page on Barclays Live (https://live.barcap.com/go/keyword/TopPicks).

To see a list of companies that comprise a particular industry coverage universe, please go to https://publicresearch.barclays.com.

#### Types of investment recommendations produced by Barclays Equity Research:

In addition to any ratings assigned under Barclays' formal rating systems, this publication may contain investment recommendations in the form of trade ideas, thematic screens, scorecards or portfolio recommendations that have been produced by analysts within Equity Research. Any such investment recommendations shall remain open until they are subsequently amended, rebalanced or closed in a future research report.

Barclays may also re-distribute equity research reports produced by third-party research providers that contain recommendations that differ from and/or conflict with those published by Barclays' Equity Research Department.

#### Disclosure of other investment recommendations produced by Barclays Equity Research:

Barclays Equity Research may have published other investment recommendations in respect of the same securities/instruments recommended in this research report during the preceding 12 months. To view all investment recommendations published by Barclays Equity Research in the preceding 12 months please refer to https://live.barcap.com/go/research/Recommendations.

#### Legal entities involved in producing Barclays Research:

Barclays Bank PLC (Barclays, UK)

Barclays Capital Inc. (BCI, US)

Barclays Bank Ireland PLC, Frankfurt Branch (BBI, Frankfurt)

Barclays Bank Ireland PLC, Paris Branch (BBI, Paris)

Barclays Bank Ireland PLC, Milan Branch (BBI, Milan)

Barclays Securities Japan Limited (BSJL, Japan)

Barclays Bank PLC, Hong Kong Branch (Barclays Bank, Hong Kong)

Barclays Capital Canada Inc. (BCCI, Canada)

Barclays Bank Mexico, S.A. (BBMX, Mexico)

Barclays Capital Casa de Bolsa, S.A. de C.V. (BCCB, Mexico)

Barclays Securities (India) Private Limited (BSIPL, India)

Barclays Bank PLC, India Branch (Barclays Bank, India)

Barclays Bank PLC, Singapore Branch (Barclays Bank, Singapore)

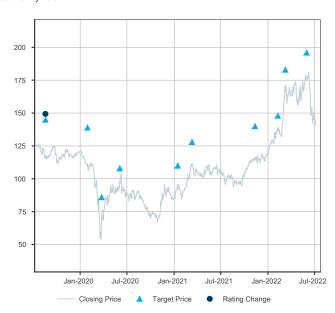
Barclays Bank PLC, DIFC Branch (Barclays Bank, DIFC)

# Chevron Corporation (CVX / CVX)

Stock Rating: **OVERWEIGHT**Industry View: **POSITIVE USD 143.52** (07-Jul-2022)

#### Rating and Price Target Chart - USD (as of 07-Jul-2022)

Currency=USD



Source: IDC, Barclays Research

Link to Barclays Live for interactive charting

Publication Date	Closing Price*	Rating	Adjusted Price Target
31-May-2022	178.28		196.00
09-Mar-2022	170.53		183.00
08-Feb-2022	138.55		148.00
11-Nov-2021	114.16		140.00
11-Mar-2021	111.19		128.00
14-Jan-2021	95.49		110.00
03-Jun-2020	97.18		108.00
24-Mar-2020	66.55		86.00
29-Jan-2020	110.37		139.00
19-Aug-2019	117.31	Overweight	145.00
03-Jun-2020 24-Mar-2020 29-Jan-2020	97.18 66.55 110.37	Overweight	108.00 86.00 139.00

Source: Bloomberg, Barclays Research

Historical stock prices and price targets may have been adjusted for stock splits and dividends.

CD: Barclays Bank PLC and/or an affiliate is a market-maker in debt securities issued by Chevron Corporation.

**CE:** Barclays Bank PLC and/or an affiliate is a market-maker in equity securities issued by Chevron Corporation.

D: Barclays Bank PLC and/or an affiliate has received compensation for investment banking services from Chevron Corporation in the past 12 months.

**E:** Barclays Bank PLC and/or an affiliate expects to receive or intends to seek compensation for investment banking services from Chevron Corporation within the next 3 months.

**GE:** One of the Research Analysts on the fundamental equity coverage team (and/or a member of his or her household) has a long position in the common equity securities of Chevron Corporation.

<sup>\*</sup>This is the closing price referenced in the publication, which may not be the last available closing price at the time of publication.

J: Barclays Bank PLC and/or an affiliate is a liquidity provider and/or trades regularly in the securities by Chevron Corporation and/or in any related derivatives.

**K:** Barclays Bank PLC and/or an affiliate has received non-investment banking related compensation (including compensation for brokerage services, if applicable) from Chevron Corporation within the past 12 months.

L: Chevron Corporation is, or during the past 12 months has been, an investment banking client of Barclays Bank PLC and/or an affiliate.

M: Chevron Corporation is, or during the past 12 months has been, a non-investment banking client (securities related services) of Barclays Bank PLC and/or an affiliate.

N: Chevron Corporation is, or during the past 12 months has been, a non-investment banking client (non-securities related services) of Barclays Bank PLC and/or an affiliate.

**Valuation Methodology:** Our \$196 12-month price target assumes CVX dividend yield is in-line with its historical delta vs. the S&P given line of sight to ~0% net debt/cap and measurable progress on renewables with RNG and biofuels, and implies \$196/share.

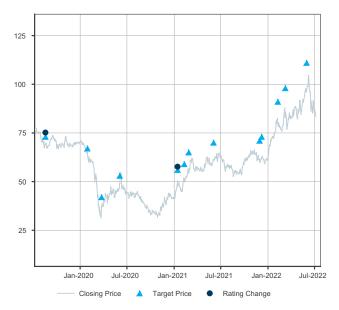
**Risks which May Impede the Achievement of the Barclays Research Valuation and Price Target:** Risks to our price target include lower than anticipated commodity prices, operational issues associated with long lead time, highly technical development projects, and contract risk associated with production sharing contracts and licenses with sovereign governments.

# Exxon Mobil Corporation (XOM / XOM)

Stock Rating: **OVERWEIGHT**Industry View: **POSITIVE USD 85.94** (07-Jul-2022)

# Rating and Price Target Chart - USD (as of 07-Jul-2022)

Currency=USD



Source: IDC, Barclays Research

#### Link to Barclays Live for interactive charting

Publication Date	Closing Price*	Rating	Adjusted Price Target
31-May-2022	97.59		111.00
09-Mar-2022	87.78		98.00
08-Feb-2022	82.39		91.00
07-Dec-2021	62.27		73.00
29-Nov-2021	61.25		71.00
03-Jun-2021	61.18		70.00
26-Feb-2021	54.37		65.00
09-Feb-2021	50.63		59.00

14-Jan-2021	50.31	Overweight	56.00
03-Jun-2020	49.24		53.00
24-Mar-2020	35.44		42.00
29-Jan-2020	64.11		67.00
19-Aug-2019	69.45	Equal Weight	73.00

Source: Bloomberg, Barclays Research

\*This is the closing price referenced in the publication, which may not be the last available closing price at the time of publication.

Historical stock prices and price targets may have been adjusted for stock splits and dividends.

CD: Barclays Bank PLC and/or an affiliate is a market-maker in debt securities issued by Exxon Mobil Corporation.

CE: Barclays Bank PLC and/or an affiliate is a market-maker in equity securities issued by Exxon Mobil Corporation.

**E:** Barclays Bank PLC and/or an affiliate expects to receive or intends to seek compensation for investment banking services from Exxon Mobil Corporation within the next 3 months.

J: Barclays Bank PLC and/or an affiliate is a liquidity provider and/or trades regularly in the securities by Exxon Mobil Corporation and/or in any related derivatives.

K: Barclays Bank PLC and/or an affiliate has received non-investment banking related compensation (including compensation for brokerage services, if applicable) from Exxon Mobil Corporation within the past 12 months.

L: Exxon Mobil Corporation is, or during the past 12 months has been, an investment banking client of Barclays Bank PLC and/or an affiliate.

M: Exxon Mobil Corporation is, or during the past 12 months has been, a non-investment banking client (securities related services) of Barclays Bank PLC and/or an affiliate.

N: Exxon Mobil Corporation is, or during the past 12 months has been, a non-investment banking client (non-securities related services) of Barclays Bank PLC and/or an affiliate.

**Valuation Methodology:** Our \$111 price target is based on application of a 75 basis point premium to XOM's 2010 - 2019 1.3% yield premium to the S&P 500, or a total implied 3.4% dividend yield on estimated 2023 dividend of \$3.7/sh dividend.

**Risks which May Impede the Achievement of the Barclays Research Valuation and Price Target:** Risks to our price target include lower than anticipated commodity prices, operational issues associated with long lead time, highly technical development projects, and contract risk associated with production sharing contracts and licenses with sovereign governments.

### Disclaimer:

This publication has been produced by Barclays Research Department in the Investment Bank of Barclays Bank PLC and/or one or more of its affiliates (collectively and each individually, "Barclays").

It has been prepared for institutional investors and not for retail investors. It has been distributed by one or more Barclays affiliated legal entities listed below or by an independent and non-affiliated third-party entity (as may be communicated to you by such third-party entity in its communications with you). It is provided for information purposes only, and Barclays makes no express or implied warranties, and expressly disclaims all warranties of merchantability or fitness for a particular purpose or use with respect to any data included in this publication. To the extent that this publication states on the front page that it is intended for institutional investors and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors under U.S. FINRA Rule 2242, it is an "institutional debt research report" and distribution to retail investors is strictly prohibited. Barclays also distributes such institutional debt research reports to various issuers, media, regulatory and academic organisations for their own internal informational news gathering, regulatory or academic purposes and not for the purpose of making investment decisions regarding any debt securities. Media organisations are prohibited from re-publishing any opinion or recommendation concerning a debt issuer or debt security contained in any Barclays institutional debt research report. Any such recipients that do not want to continue receiving Barclays institutional debt research reports should contact debtresearch@barclays.com. Clients that are subscribed to receive equity research reports, will not receive certain cross asset research reports co-authored by equity and FICC research analysts that are distributed as "institutional debt research reports" unless they have agreed to accept such reports. Eligible clients may get access to such cross asset reports by contacting debtresearch@barclays.com. Barclays will not treat unauthorized recipients of this report as its clients and accepts no liability for use by them of the contents which may not be suitable for their personal use. Prices shown are indicative and Barclays is not offering to buy or sell or soliciting offers to buy or sell any financial instrument.

Without limiting any of the foregoing and to the extent permitted by law, in no event shall Barclays, nor any affiliate, nor any of their respective officers, directors, partners, or employees have any liability for (a) any special, punitive, indirect, or consequential damages; or (b) any lost profits, lost revenue, loss of anticipated savings or loss of opportunity or other financial loss, even if notified of the possibility of such damages, arising from any use of this publication or its contents.

Other than disclosures relating to Barclays, the information contained in this publication has been obtained from sources that Barclays Research believes to be reliable, but Barclays does not represent or warrant that it is accurate or complete. Barclays is not responsible for, and makes no warranties whatsoever as to, the information or opinions contained in any written, electronic, audio or video presentations of third parties that are accessible via a direct hyperlink in this publication or via a hyperlink to a third-party web site ('Third-Party Content'). Any such Third-Party Content has not been adopted or endorsed by Barclays, does not represent the views or opinions of Barclays, and is not incorporated by reference into this publication. Third-Party Content is provided for information purposes only and Barclays has not independently verified its accuracy or completeness.

The views in this publication are solely and exclusively those of the authoring analyst(s) and are subject to change, and Barclays Research has no obligation to update its opinions or the information in this publication. Unless otherwise disclosed herein, the analysts who authored this report have

not received any compensation from the subject companies in the past 12 months. If this publication contains recommendations, they are general recommendations that were prepared independently of any other interests, including those of Barclays and/or its affiliates, and/or the subject companies. This publication does not contain personal investment recommendations or investment advice or take into account the individual financial circumstances or investment objectives of the clients who receive it. Barclays is not a fiduciary to any recipient of this publication. The securities and other investments discussed herein may not be suitable for all investors and may not be available for purchase in all jurisdictions. The United States imposed sanctions on certain Chinese companies (https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/chinese-military-companies-sanctions), which may restrict U.S. persons from purchasing securities issued by those companies. Investors must independently evaluate the merits and risks of the investments discussed herein, including any sanctions restrictions that may apply, consult any independent advisors they believe necessary, and exercise independent judgment with regard to any investment decision. The value of and income from any investment may fluctuate from day to day as a result of changes in relevant economic markets (including changes in market liquidity). The information herein is not intended to predict actual results, which may differ substantially from those reflected. Past performance is not necessarily indicative of future results. The information provided does not constitute a financial benchmark and should not be used as a submission or contribution of input data for the purposes of determining a financial benchmark.

**Third Party Distribution:** Any views expressed in this communication are solely those of Barclays and have not been adopted or endorsed by any third party distributor.

**United Kingdom:** This document is being distributed (1) only by or with the approval of an authorised person (Barclays Bank PLC) or (2) to, and is directed at (a) persons in the United Kingdom having professional experience in matters relating to investments and who fall within the definition of "investment professionals" in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order"); or (b) high net worth companies, unincorporated associations and partnerships and trustees of high value trusts as described in Article 49(2) of the Order; or (c) other persons to whom it may otherwise lawfully be communicated (all such persons being "Relevant Persons"). Any investment or investment activity to which this communication relates is only available to and will only be engaged in with Relevant Persons. Any other persons who receive this communication should not rely on or act upon it. Barclays Bank PLC is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority and is a member of the London Stock Exchange.

**European Economic Area ("EEA"):** This material is being distributed to any "Authorised User" located in a Restricted EEA Country by Barclays Bank Ireland PLC. The Restricted EEA Countries are Austria, Bulgaria, Estonia, Finland, Hungary, Iceland, Liechtenstein, Lithuania, Luxembourg, Malta, Portugal, Romania, Slovakia and Slovenia. For any other "Authorised User" located in a country of the European Economic Area, this material is being distributed by Barclays Bank PLC. Barclays Bank Ireland PLC is a bank authorised by the Central Bank of Ireland whose registered office is at 1 Molesworth Street, Dublin 2, Ireland. Barclays Bank PLC is not registered in France with the Autorité des marchés financiers or the Autorité de contrôle prudentiel. Authorised User means each individual associated with the Client who is notified by the Client to Barclays and authorised to use the Research Services. The Restricted EEA Countries will be amended if required.

**Finland:** Notwithstanding Finland's status as a Restricted EEA Country, Research Services may also be provided by Barclays Bank PLC where permitted by the terms of its cross-border license.

Americas: The Investment Bank of Barclays Bank PLC undertakes U.S. securities business in the name of its wholly owned subsidiary Barclays Capital Inc., a FINRA and SIPC member. Barclays Capital Inc., a U.S. registered broker/dealer, is distributing this material in the United States and, in connection therewith accepts responsibility for its contents. Any U.S. person wishing to effect a transaction in any security discussed herein should do so only by contacting a representative of Barclays Capital Inc. in the U.S. at 745 Seventh Avenue, New York, New York 10019.

Non-U.S. persons should contact and execute transactions through a Barclays Bank PLC branch or affiliate in their home jurisdiction unless local regulations permit otherwise.

This material is distributed in Canada by Barclays Capital Canada Inc., a registered investment dealer, a Dealer Member of IIROC (www.iiroc.ca), and a Member of the Canadian Investor Protection Fund (CIPF).

This material is distributed in Mexico by Barclays Bank Mexico, S.A. and/or Barclays Capital Casa de Bolsa, S.A. de C.V. This material is distributed in the Cayman Islands and in the Bahamas by Barclays Capital Inc., which it is not licensed or registered to conduct and does not conduct business in, from or within those jurisdictions and has not filed this material with any regulatory body in those jurisdictions.

**Japan:** This material is being distributed to institutional investors in Japan by Barclays Securities Japan Limited. Barclays Securities Japan Limited is a joint-stock company incorporated in Japan with registered office of 6-10-1 Roppongi, Minato-ku, Tokyo 106-6131, Japan. It is a subsidiary of Barclays Bank PLC and a registered financial instruments firm regulated by the Financial Services Agency of Japan. Registered Number: Kanto Zaimukyokucho (kinsho) No. 143.

Asia Pacific (excluding Japan): Barclays Bank PLC, Hong Kong Branch is distributing this material in Hong Kong as an authorised institution regulated by the Hong Kong Monetary Authority. Registered Office: 41/F, Cheung Kong Center, 2 Queen's Road Central, Hong Kong.

All Indian securities-related research and other equity research produced by Barclays' Investment Bank are distributed in India by Barclays Securities (India) Private Limited (BSIPL). BSIPL is a company incorporated under the Companies Act, 1956 having CIN U67120MH2006PTC161063. BSIPL is registered and regulated by the Securities and Exchange Board of India (SEBI) as a Research Analyst: INH000001519; Portfolio Manager INP000002585; Stock Broker INZ000269539 (member of NSE and BSE); Depository Participant with the National Securities & Depositories Limited (NSDL): DP ID: IN-DP-NSDL-299-2008; Investment Adviser: INA000000391. BSIPL is also registered as a Mutual Fund Advisor having AMFI ARN No. 53308. The registered office of BSIPL is at 208, Ceejay House, Shivsagar Estate, Dr. A. Besant Road, Worli, Mumbai – 400 018, India. Telephone No: +91 22 67196363. Fax number: +91 22 67196399. Any other reports produced by Barclays' Investment Bank are distributed in India by Barclays Bank PLC, India Branch, an associate of BSIPL in India that is registered with Reserve Bank of India (RBI) as a Banking Company under the provisions of The Banking Regulation Act, 1949 (Regn No BOM43) and registered with SEBI as Merchant Banker (Regn No INM000002129) and also as Banker to the Issue (Regn No INB100000950). Barclays Investments and Loans (India) Limited, registered with RBI as Non Banking Financial Company (Regn No RBI CoR-07-00258), and Barclays Wealth Trustees (India) Private Limited, registered with Registrar of Companies (CIN U93000MH2008PTC188438), are associates of BSIPL in India that are not authorised to distribute any reports produced by Barclays' Investment Bank.

This material is distributed in Singapore by the Singapore Branch of Barclays Bank PLC, a bank licensed in Singapore by the Monetary Authority of Singapore. For matters in connection with this material, recipients in Singapore may contact the Singapore branch of Barclays Bank PLC, whose registered address is 10 Marina Boulevard, #23-01 Marina Bay Financial Centre Tower 2, Singapore 018983.

This material, where distributed to persons in Australia, is produced or provided by Barclays Bank PLC.

This communication is directed at persons who are a "Wholesale Client" as defined by the Australian Corporations Act 2001.

Please note that the Australian Securities and Investments Commission (ASIC) has provided certain exemptions to Barclays Bank PLC (BBPLC) under paragraph 911A(2)(l) of the Corporations Act 2001 from the requirement to hold an Australian financial services licence (AFSL) in respect of financial services provided to Australian Wholesale Clients, on the basis that BBPLC is authorised by the Prudential Regulation Authority of the United Kingdom (PRA) and regulated by the Financial Conduct Authority (FCA) of the United Kingdom and the PRA under United Kingdom laws. The United Kingdom has laws which differ from Australian laws. To the extent that this communication involves the provision of financial services by BBPLC to Australian Wholesale Clients, BBPLC relies on the relevant exemption from the requirement to hold an AFSL. Accordingly, BBPLC does not hold an AFSL.

This communication may be distributed to you by either: (i) Barclays Bank PLC directly or (ii) Barrenjoey Markets Pty Limited (ACN 636 976 059, "Barrenjoey"), the holder of Australian Financial Services Licence (AFSL) 521800, a non-affiliated third party distributor, where clearly identified to you by Barrenjoey. Barrenjoey is not an agent of Barclays Bank PLC.

This material, where distributed in New Zealand, is produced or provided by Barclays Bank PLC. Barclays Bank PLC is not registered, filed with or approved by any New Zealand regulatory authority. This material is not provided under or in accordance with the Financial Markets Conduct Act of 2013 ("FMCA"), and is not a disclosure document or "financial advice" under the FMCA. This material is distributed to you by either: (i) Barclays Bank PLC directly or (ii) Barrenjoey Markets Pty Limited ("Barrenjoey"), a non-affiliated third party distributor, where clearly identified to you by Barrenjoey. Barrenjoey is not an agent of Barclays Bank PLC. This material may only be distributed to "wholesale investors" that meet the "investment business", "investment activity", "large", or "government agency" criteria specified in Schedule 1 of the FMCA.

Middle East: Nothing herein should be considered investment advice as defined in the Israeli Regulation of Investment Advisory, Investment Marketing and Portfolio Management Law, 1995 ("Advisory Law"). This document is being made to eligible clients (as defined under the Advisory Law) only. Barclays Israeli branch previously held an investment marketing license with the Israel Securities Authority but it cancelled such license on 30/11/2014 as it solely provides its services to eligible clients pursuant to available exemptions under the Advisory Law, therefore a license with the Israel Securities Authority is not required. Accordingly, Barclays does not maintain an insurance coverage pursuant to the Advisory Law.

This material is distributed in the United Arab Emirates (including the Dubai International Financial Centre) and Qatar by Barclays Bank PLC. Barclays Bank PLC in the Dubai International Financial Centre (Registered No. 0060) is regulated by the Dubai Financial Services Authority (DFSA). Principal place of business in the Dubai International Financial Centre: The Gate Village, Building 4, Level 4, PO Box 506504, Dubai, United Arab Emirates. Barclays Bank PLC-DIFC Branch, may only undertake the financial services activities that fall within the scope of its existing DFSA licence. Related financial products or services are only available to Professional Clients, as defined by the Dubai Financial Services Authority. Barclays Bank PLC in the UAE is regulated by the Central Bank of the UAE and is licensed to conduct business activities as a branch of a commercial bank incorporated outside the UAE in Dubai (Licence No.: 13/1844/2008, Registered Office: Building No. 6, Burj Dubai Business Hub, Sheikh Zayed Road, Dubai City) and Abu Dhabi (Licence No.: 13/952/2008, Registered Office: Al Jazira Towers, Hamdan Street, PO Box 2734, Abu Dhabi). This material does not constitute or form part of any offer to issue or sell, or any solicitation of any offer to subscribe for or purchase, any securities or investment products in the UAE (including the Dubai International Financial Centre) and accordingly should not be construed as such. Furthermore, this information is being made available on the basis that the recipient acknowledges and understands that the entities and securities to which it may relate have not been approved, licensed by or registered with the UAE Central Bank, the Dubai Financial Services Authority or any other relevant licensing authority or governmental agency in the UAE. The content of this report has not been approved by or filed with the UAE Central Bank or Dubai Financial Services Authority. Barclays Bank PLC in the Qatar Financial Centre (Registered No. 00018) is authorised by the Qatar Financial Centre Regulatory Authority (QFCRA). Barclays Bank PLC-QFC Branch may only undertake the regulated activities that fall within the scope of its existing OFCRA licence. Principal place of business in Qatar: Qatar Financial Centre, Office 1002, 10th Floor, QFC Tower, Diplomatic Area, West Bay, PO Box 15891, Doha, Qatar. Related financial products or services are only available to Business Customers as defined by the Qatar Financial Centre Regulatory Authority.

**Russia:** This material is not intended for investors who are not Qualified Investors according to the laws of the Russian Federation as it might contain information about or description of the features of financial instruments not admitted for public offering and/or circulation in the Russian Federation and thus not eligible for non-Qualified Investors. If you are not a Qualified Investor according to the laws of the Russian Federation, please dispose of any copy of this material in your possession.

**IRS Circular 230 Prepared Materials Disclaimer:** Barclays does not provide tax advice and nothing contained herein should be construed to be tax advice. Please be advised that any discussion of U.S. tax matters contained herein (including any attachments) (i) is not intended or written to be used, and cannot be used, by you for the purpose of avoiding U.S. tax-related penalties; and (ii) was written to support the promotion or marketing of the transactions or other matters addressed herein. Accordingly, you should seek advice based on your particular circumstances from an independent tax advisor.

© Copyright Barclays Bank PLC (2022). All rights reserved. No part of this publication may be reproduced or redistributed in any manner without the prior written permission of Barclays. Barclays Bank PLC is registered in England No. 1026167. Registered office 1 Churchill Place, London, E14 5HP. Additional information regarding this publication will be furnished upon request.