

Diversified Energy PLC

United States / Energy
 London Stock Exchange
 Bloomberg: DEC LN
 ISIN: GB00BYX7JT74

Update

RATING **BUY**
PRICE TARGET **GBp 3600.00**
 Return Potential 174.7%
 Risk Rating Medium

WHY WE EXPECT DEC TO HOLD ITS DIVIDEND

Production from DEC's existing wells declines at 10% annually. DEC makes acquisitions to replace declining production as drilling wells is not part of its business model. Interest rate volatility has hampered acquisition activity since February this year. The hiatus in acquisitions, coupled with the 13% lower average hedge price for DEC's natural gas in 2024 vs 2023 has prompted concerns that the company's dividend (currently equating to a 21% yield) is under threat. We think these worries are exaggerated. As acquisitions are an indispensable part of DEC's business model, we expect one or more transactions over the next twelve months, especially as the interest rate environment appears to be becoming more benign. However, our 2024 forecast does not include acquisitions. We forecast 2024 hedged adjusted EBITDA of USD365m (in line with consensus) before asset disposals, which becomes free cashflow of ca. USD320m after interest, tax and CAPEX. In every reporting period to date, acquisition-related debt financing has meant that new debt has exceeded debt repayments. This will not be the case in 2024 under a no-acquisition scenario. Scheduled 2024 debt repayments are USD200m, we expect interest costs of USD120m, and holding the current dividend will cost USD168m. These numbers imply a financing requirement of ca. USD170m if the dividend is held. We do not expect an equity raise at the current low share price. DEC could raise the USD170m from existing liquidity (USD135m as of mid-November), the disposal of undeveloped/partially developed acreage worth >USD200m, and liquidity release through further refinancing of the reserve-based credit facility with asset-backed securitised lending. Furthermore, following the U.S. Environmental Protection Agency's recently announced final rule on methane emissions reduction, we note that with its commitment to Scope 1 and 2 net zero greenhouse gas emissions by 2040, DEC is still ahead of the regulatory curve. We think DEC will hold its dividend and that the share price will appreciate once concerns in this regard subside. We maintain our Buy recommendation and price target of GBp3,600. (p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

	2019	2020	2021	2022	2023E	2024E
Revenue (\$ m)	462.26	408.69	1007.56	1919.35	892.58	786.37
Y-o-y growth	60.0%	160.0%	260.0%	360.0%	460.0%	560.0%
Adj. EBITDA (hedged) (\$ m)*	273.27	300.59	343.15	503.42	564.40	475.45
Adj. EBITDA margin (hedged)	53.4%	65.5%	32.4%	25.5%	59.7%	56.5%
Net income (\$ m)	99.40	-23.47	-325.21	-620.60	950.46	67.01
EPS (diluted) (\$)	3.08	-0.68	-8.20	-0.74	19.93	1.38
DPS (\$c)	278.40	305.00	330.00	345.00	350.00	350.00
FCF (\$m)	246.84	219.76	270.01	301.69	342.20	319.58
Net gearing	67.7%	81.7%	152.1%	n.a.	186.4%	206.4%
Liquid assets (\$ m)	1.66	1.38	12.56	7.33	4.87	4.87

* including USD23.7m and USD110m of gains on disposals in 2023 and 2024 respectively

RISKS

Acquisitions are a vital part of DEC's strategy for protecting and growing its cashflow. There can be no guarantee that the group will be able to continue to source acquisitions at attractive valuations.

COMPANY PROFILE

Diversified Energy PLC is an established, independent owner and operator of producing natural gas & oil wells in the United States. Natural gas accounts for ca. 85% of total production. Ca. 60% of total production derive from the Appalachian Basin and the balance from the "Central Region" (Arkansas, Louisiana, Oklahoma, Texas) which DEC entered in 2021.

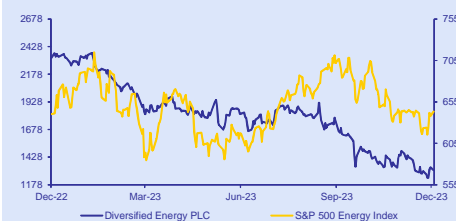
MARKET DATA

As of 18 Dec 2023

Closing Price GBp 1310.50
 Shares outstanding 48.15m
 Market Capitalisation GBp 626m
 52-week Range GBp 1240.00 / 2372.00
 Avg. Volume (12 Months) 130,803

Multiples	2022	2023E	2024E
P/E	n.a.	0.8	12.0
EV/Sales	0.8	1.7	1.9
EV/EBITDA	3.0	2.7	3.2
Div. Yield	20.8%	21.1%	21.1%

STOCK OVERVIEW



COMPANY DATA

As of 30 Jun 2023

Liquid Assets \$ 4.21m
 Current Assets \$ 338.71m
 Intangible Assets \$ 20.80m
 Total Assets \$ 3,763.01m
 Current Liabilities \$ 713.08m
 Shareholders' Equity \$ 547.95m

SHAREHOLDERS

Hargreaves Lansdown 5.0%
 M&G PLC 4.9%
 BlackRock Inc. 4.7%
 Vanguard Group Inc 4.6%
 Free float and other 80.8%

**Figure 1: Forecast natural gas pricing realised by DEC**

	2023E	2024E	% change
Natural gas hedge price (USD/mcf)	3.79	3.31	-12.7%
Natural gas hedge price (USD/MMBtu)	3.54	3.09	-12.7%
% natural gas production hedged	85%	80%	-5.9%
Average natural gas futures strip price (USD/MMBtu)	2.74	2.71	-0.9%
Realised natural gas price before basis differentials (USD/MMBtu)	3.42	3.02	-11.8%

Source: First Berlin Equity Research estimates

We expect realised 2024 natural gas price to be 12% below the 2023 level As of 30 September, 85% of DEC's natural gas production was hedged at USD3.54/MMBtu and 80% of 2024 production at USD3.09/MMBtu. Natural gas accounted for 86% of 9M/23 commodity production by volume. The current futures strip shows that in 2024 the average natural gas price will be close to the 2023 level. On a blended hedged/unhedged basis, these numbers indicate that in 2024, the natural gas price realised by DEC will be around 12% below the 2023 level (before basis differentials).

Interest rate volatility has hampered acquisition activity for most of 2023 DEC has made acquisitions every year since its 2017 IPO. Acquisition-related debt financing is the main factor behind the company's unbroken record of net proceeds from debt financing between 2017 and H1/23. DEC's most recent acquisition was of the Tanos II assets in February 2023, which boosted production by ca. 10%. The USD250m consideration for the Tanos II acquisition was financed by net proceeds of USD156m from an equity issue and USD94m from DEC's revolving credit facility. Interest rate volatility has hampered price discovery with respect to acquisitions for most of 2023. We gather that the company has carried out due diligence on several transactions, but could not agree with the sellers on price.

Annual production decline is 10% without acquisitions Without acquisitions, DEC's volume falls by 10% annually and scope for additional debt financing is reduced. The prolonged hiatus in acquisition activity and the prospect of reduced realised commodity pricing in 2024 has given rise to concerns that the company's annualised USD3.50 dividend (equivalent to a 21% yield at the current share price) is under threat.

Figure 2: Forecast development of DEC's debt position

	2019	2021	FY 22	H1 23	H2 23E	FY 23E	FY 24E
Credit Facility	436,700	570,600	56,000	265,000	300,000	300,000	370,000
Total ABS notes		324,586	1,314,564	1,169,456	1,056,735	1,056,735	876,430
Term loan	0	137,099	120,518	112,433	106,153	106,153	88,040
Other	8,219	9,380	7,084	8,319	9,278	9,278	7,695
Total	644,919	1,041,665	1,498,166	1,555,208	1,472,166	1,472,166	1,342,166

Source: DEC, First Berlin Equity Research estimates

Figure 3: Abridged cashflow forecast

	2019	2021	FY 22	H1 23	H2 23E	FY 23E	FY 24E
Hedged adjusted EBITDA	273,266	343,145	502,954	282,864	281,537	564,401	475,448
Operating cashflow	279,156	320,182	387,764	172,566	243,965	416,531	383,577
Net investing cashflow	-466,887	-625,874	-386,457	-250,017	-3,238	-253,255	46,000
Free cashflow	-187,731	-305,692	1,307	-77,451	240,727	163,276	429,577
Equity	221,860	213,844	0	156,788	0	156,788	0
Net proceeds from debt financing	147,226	295,179	447,868	57,240	-83,240	-26,000	-130,000
Interest	-32,715	-41,623	-82,936	-59,415	-60,585	-120,000	-120,000
Dividends	-82,151	-130,239	-143,455	-84,029	-84,862	-168,891	-168,486
Other	-66,489	-31,469	-222,784	6,867	-12,040	-5,173	-11,091
Total financing cashflow	187,731	305,692	-1,307	77,451	-240,727	-163,276	-429,577

Source: DEC, First Berlin Equity Research estimates



Calls on cash totalling ca. USD490m in 2024 assuming no acquisitions Assuming no acquisitions, and that the dividend is held, DEC faces three major calls on its cash in 2024 totalling ca. USD490m: 1. debt repayment of USD200m; 2. interest payments of ca. USD120m; 3. USD168m in dividend payments.

The USD200m debt repayment relates primarily to DEC's ABS loans. DEC had total debt of USD1.6bn outstanding at the end of H1/23 split ca. 76:17:7 between ABS loans, the revolving credit facility, and the term loan taken out to finance the Carbon and EQT acquisitions in 2020. The ABS loans and the term loans are fixed interest. We expect annual interest payments on debt to amount to USD120m in both 2023 and 2024. Based on the current 48.1m shares outstanding, the annualised USD3.50 dividend equates to a payout of USD168m.

Financing requirement of ca. USD170m if the dividend is held... We forecast 2024 hedged adjusted EBITDA of USD365m (in line with consensus) before asset disposals, which becomes free cashflow of ca. USD320m after interest, tax and CAPEX. The latter number implies a financing requirement of ca. USD170m if the dividend is held.

...which we expect DEC to meet from existing liquidity, disposals, and liquidity release through refinancing DEC could raise the USD170m from a mixture of existing liquidity, disposal of undeveloped/partially developed acreage, and liquidity release through refinancing of the reserve-based credit facility with asset-backed securitised (ABS) lending. We do not expect an equity raise at the current low share price.

We assume USD70m from existing credit line... As of the mid-November trading update, the borrowing base on DRAG's revolving credit line was USD425m and available liquidity was USD135m. We assume that DEC will draw down USD70m of this figure in 2024, thereby reducing the net debt repayment to USD130m.

...and the balance from asset sales... The Tanos II acquisition included ca. 50 undeveloped locations with a management-estimated PV10 of ca. USD280m as well as four partially developed wells requiring estimated aggregate capital expenditure of USD25m for completion. We assume that monetisation of these assets will result in gains/proceeds of USD110m in 2024 and that this figure will be booked as part of EBITDA in keeping with DEC's recent practice. Two transactions entailing the disposal of non-core assets resulted in gains of USD24m during the first nine months of 2023. In the press release for the second of these transactions, management pointed out that the 22,000 acres sold represented only a small proportion of the company's undeveloped Central Region (Arkansas, Louisiana, Oklahoma, Texas) acreage.

...and debt refinancing Recent Central Region acquisitions, for which DEC paid ca. USD740m, are candidates for refinancing, whereby reserve-based lending (RBL) is replaced by ABS lending. The criteria for ABS lending are more stringent than for reserve-based lending. Assets need well-established production histories to qualify. However, as DEC has demonstrated with its Appalachian assets, all of which are now ABS-financed, advances are higher under ABS than RBL, and so this form of refinancing releases significant liquidity.

End September leverage ratio in line with targeted range The 3.0% upward revision to our FY/23 hedged adjusted EBITDA forecast (see figure 4 overleaf) mainly reflects lower Q3/23 unit lease operating expenses and third party transportation costs than we had previously modelled. As indicated above, the hedged adjusted EBITDA number in our 2024 forecast (included for the first time) includes USD110m of gains on disposals. The end September net debt:proforma hedged adjusted EBITDA ratio of 2.4x was in line with the company's targeted range of 2.0x-2.5x.



Figure 4: Changes to our forecasts

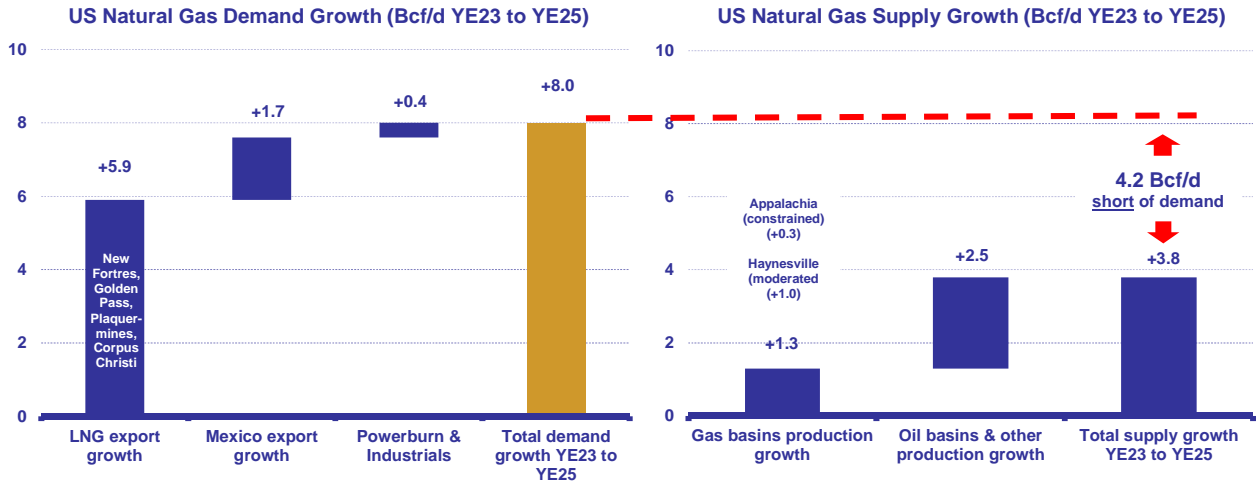
USD 000s	2022A	2023E	2023E	New vs.	2023 New	2024E	2024 New
	Actual	FBe Old	FBe New	Old %Δ	vs. 2022 % Δ	FBe New	vs. 2023 % Δ
Mboe	49,355	51,013	50,147	-1.7%	1.6%	45,731	-8.8%
Total revenue (unhedged)	1,910,140	892,743	892,575	0.0%	-53.3%	786,367	-11.9%
Natural gas	1,544,658	579,935	589,412	1.6%	-61.8%	518,602	-12.0%
NGLs	188,733	121,593	123,965	2.0%	-34.3%	105,889	-14.6%
Oil	139,620	132,706	109,190	-17.7%	-21.8%	89,876	-17.7%
Total commodity revenue	1,873,011	834,235	822,567	-1.4%	-56.1%	714,367	-13.2%
Midstream revenue	32,798	31,906	31,906	0.0%	-2.7%	30,000	-6.0%
Other	4,331	26,602	38,102	43.2%	779.8%	42,000	10.2%
Base lease operating expenses	173,140	221,732	207,947	-6.2%	20.1%	193,669	-6.9%
Gathering & compression, owned	71,154	70,244	70,424	0.3%	-1.0%	68,597	-2.6%
Gathering & transportation, 3rd party	118,073	100,260	103,883	3.6%	-12.0%	95,121	-8.4%
Production taxes	73,849	64,625	64,765	0.2%	-12.3%	53,505	-17.4%
Recurring admin. expenses	77,172	77,120	77,228	0.1%	0.1%	73,170	-5.3%
Total recurring expenses	513,388	533,980	524,246	-1.8%	2.1%	484,061	-7.7%
Gain on disposals	2,472	22,830	23,729	n.a	859.9%	110,000	363.6%
Adjusted EBITDA (unhedged)	1,399,224	381,592	392,058	2.7%	-72.0%	412,306	5.2%
Settled hedges	-895,802	166,285	172,343	3.6%	-119.2%	63,142	-63.4%
Natural gas	-782,525	159,319	165,590	3.9%	-121.2%	58,381	-64.7%
NGLs	-85,549	14,434	12,732	-11.8%	-114.9%	5,912	-53.6%
Oil	-27,728	-7,469	-5,080	-32.0%	-81.7%	-1,151	-77.3%
Total revenue (hedged)	1,014,338	1,059,027	1,064,918	0.6%	5.0%	849,509	-20.2%
Adjusted EBITDA (hedged)	503,422	547,877	564,401	3.0%	12.1%	475,448	-15.8%
<i>margin (%)</i>	49.6%	51.7%	53.0%	2.4%	6.8%	56.0%	5.6%
per BOE (USD)							
Total revenue (unhedged)	38.70	17.50	17.80	1.7%	-33.18	17.20	-3.4%
Settled hedges	-18.15	3.26	3.44	5.4%	n.a.	1.38	-59.8%
Total revenue (hedged)	20.55	20.76	21.24	2.3%	3.3%	18.58	-12.5%
Total recurring expenses	10.40	10.47	10.45	-0.1%	0.5%	10.58	1.3%
of which:							
Base LOE	3.51	4.35	4.15	-4.6%	18.2%	4.23	2.1%
Gathering & compression, owned	1.44	1.38	1.40	2.0%	-2.6%	1.50	6.8%
Gathering & transportation, 3rd party	2.39	1.97	2.07	5.4%	-13.4%	2.08	0.4%
Production taxes	1.50	1.27	1.29	1.9%	-13.7%	1.17	-9.4%
Recurring admin. expenses	1.56	1.51	1.54	1.9%	-1.5%	1.60	3.9%
Adjusted EBITDA (hedged)	10.20	10.29	10.78	4.8%	5.7%	7.99	-25.9%
margin (%)	49.6%	49.6%	50.8%	-	-	43.0%	-15.3%
Av. no shares (000s)	42,457	47,657	47,657	0.0%	0.6%	48,528	0.1%
Adj EBITDA (hedged) per share (USD)	11.86	0.57	11.84	n.a.	-0.1%	9.80	-17.3%

Source: First Berlin Equity Research forecasts

Long term outlook remains good As figure 5 below shows, the consultancy S&P Global Platts forecasts that growing LNG exports will push demand 4.2bcf/d ahead of supply over the next two years. The expectation of brisk LNG-driven demand growth is the main reason for the current upward slope in the gas futures curve to an average of USD3.47/MMBtu over the five year period January 2024 to December 2028. This compares with the average 2023 price level of USD2.74/MMBtu.



Figure 5: Next 2 years U.S. natural gas supply/demand growth*



* Demand change assumes LNG utilisation rate of 90% through 2025

Source: S&P Global Platts

DEC remains ahead of the regulatory curve on methane emissions reduction On 2 December, the U.S. Environmental Protection Agency (EPA) announced a final rule aimed at reducing methane and other harmful air pollutants from the oil and natural gas industry. The final rule builds on proposed rules published in November 2021 and December 2022, and aims to prevent an estimated 58 million tons of methane emissions from 2024 to 2038. The EPA expects adherence to the rule to result in a nearly 80% reduction in future methane emissions expected without the rule.

DEC committed to Scope 1 and 2 net zero GHG emissions by 2040 In 2022 DEC succeeded in reducing its scope 1 methane intensity by 25% compared to a 2020 baseline. The company is thus well on track to achieve its target of a 30% reduction by 2026. DEC plans to reduce this figure to 50% by 2030. In its 2022 Sustainability Report, published in 2023, the company for the first time committed to the achievement of Scope 1 and 2 net zero greenhouse gas emissions by 2040.



VALUATION MODEL

Figure 6: Dividend payout and return on capital employed

USD 000s	2019A	2020A	2021A	2022A	2023E	2024E
Adjusted EBITDA (hedged)	273,266	300,590	343,145	503,422	564,401	475,448
Recurring capital expenditures	-17,255	-15,981	-35,490	-60,000	-64,332	-64,000
Cash interest expenses	-32,715	-34,335	-41,623	-82,936	-120,000	-120,000
Asset retirement (plugging)	-2,541	-2,442	-2,879	-4,889	-5,476	-6,133
Cash paid for income taxes	-1,989	-5,850	-10,880	-26,314	0	0
Free cashflow (adjusted)	218,766	241,982	252,273	329,283	374,593	285,315
Net fixed assets	1,816,982	2,137,188	2,944,058	3,018,668	3,091,943	2,950,859
Net working capital	-18,573	-42,499	-135,110	315,614	-157,830	-208,317
Total capital employed	1,798,409	2,094,689	2,808,948	3,334,282	2,934,113	2,742,542
Average capital employed	1,614,279	1,946,549	2,451,819	3,071,615	3,134,198	2,838,328
Free cashflow (adjusted) ROCE	13.6%	12.4%	10.3%	10.7%	12.0%	10.1%
Dividends paid and declared	86,605	104,305	132,333	150,541	169,303	168,486
as % free cashflow (adjusted)	39.6%	43.1%	52.5%	45.7%	45.2%	59.1%
Dividends paid and declared per share (USD)	2.76	2.95	3.12	3.54	3.49	3.50
Dividends declared per share (USD)	2.78	3.05	3.30	3.45	3.50	3.50

Source: First Berlin Equity Research estimates

We have updated our dividend discount valuation of DEC which is based on the formula:

$$p^0 = d^1 / (r - g) \text{ where:}$$

p^0 is our assessment of the fair value of the DEC share today

d^1 is the value of dividends over the next year

r is the required rate of return

g is the expected long term organic growth rate

GBp3,000 price target unchanged. Buy rating maintained We derive g from ROCE adjusted for the production decline rate and payout ratio. Adjusting our average return on capital employed forecast for 2019-23 of 11.8% by our assumed medium-term 8.0% production decline rate gives a return of 2.8%. If we then reduce this number by 30% to reflect the dividend payout, we arrive at a sustainable growth rate in free cashflow (adjusted) of 2.0%. Our valuation also takes into account the ca. 50 undeveloped locations with a PV10 of USD280m acquired through the Tanos II acquisition. We value these assets on a PV11 basis (in keeping with our estimated return requirement) at USD268m. Plugging our estimates for d^1 (USD3.50), r (11.0%) and g (2.0%) into the formula above produces a valuation (see figures 7 and 8 below) for the DEC share of GBp3,563 (previously: GBp3,560). We maintain our Buy recommendation and price target of GBp3,600.

Figure 7: Sensitivity of valuation to growth rates and return requirements (GBp)

		return requirement						
		8.0%	9.0%	10.0%	11.0%	12.0%	13.0%	14.0%
growth rate	0.0%	3,945	3,563	3,257	3,006	2,798	2,621	2,470
	1.0%	4,437	3,945	3,563	3,257	3,006	2,798	2,621
	2.0%	5,093	4,437	3,945	3,563	3,257	3,006	2,798
	3.0%	6,010	5,093	4,437	3,945	3,563	3,257	3,006
	4.0%	7,384	6,010	5,093	4,437	3,945	3,563	3,257
	5.0%	9,673	7,384	6,010	5,093	4,437	3,945	3,563

Source: First Berlin Equity Research



Figure 8: Sensitivity of valuation to growth rates and return requirements (USc)

		return requirement						
		8.0%	9.0%	10.0%	11.0%	12.0%	13.0%	14.0%
growth rate	0.0%	5,004	4,519	4,131	3,813	3,548	3,324	3,132
	1.0%	5,628	5,004	4,519	4,131	3,813	3,548	3,324
	2.0%	6,459	5,628	5,004	4,519	4,131	3,813	3,548
	3.0%	7,623	6,459	5,628	5,004	4,519	4,131	3,813
	4.0%	9,366	7,623	6,459	5,628	5,004	4,519	4,131
	5.0%	12,270	9,366	7,623	6,459	5,628	5,004	4,519

Source: First Berlin Equity Research



INCOME STATEMENT

All figures in USD '000	2019A	2020A	2021A	2022A	2023E	2024E
Revenues	462,256	408,693	1,007,561	1,919,349	892,575	786,367
Operating expense	-202,385	-203,963	-291,213	-445,893	-423,290	-300,892
Depreciation and depletion	-98,139	-117,290	-167,644	-222,257	-230,072	-208,459
Gross profit	161,732	87,440	548,704	1,251,199	239,214	277,016
Administrative expenses	-55,889	-77,234	-102,326	-170,735	-107,887	-101,170
Allowance for expected credit losses	-730	-8,490	4,265	0	0	0
Gain on oil/gas programme and equipment	0	-2,059	-901	2,379	0	0
Gain (loss) on derivative financial instruments	73,854	-94,397	-974,878	-1,758,693	1,266,434	63,142
Gain on bargain purchase	1,540	17,172	58,072	4,447	0	0
Operating income (EBIT)	180,507	-77,568	-467,064	-671,403	1,397,761	238,989
Finance costs	-36,667	-43,327	-50,628	-100,799	-120,000	-120,000
Loss on early retirement of debt	0	0	0	0	0	0
Accretion of asset retirement obligation	-12,349	-15,424	-24,396	-27,569	-27,153	-30,822
Other income (expense)	0	-421	-8,812	269	0	0
Income before taxation	131,491	-136,740	-550,900	-799,502	1,250,607	88,166
Taxation on income	-32,091	113,266	225,694	178,904	-300,146	-21,160
Net income / loss	99,400	-23,474	-325,206	-620,598	950,462	67,006
Diluted EPS (in USD)	3.08	-0.68	-0.41	-0.74	19.93	1.38
Adjusted EBITDA (hedged)*	273,266	300,590	343,145	503,422	564,401	475,448
Ratios						
Gross margin	35.0%	21.4%	54.5%	65.2%	26.8%	35.2%
Adjusted EBITDA margin (hedged)	53.4%	54.3%	50.0%	49.2%	53.0%	56.0%
Net margin	21.5%	-5.7%	-32.3%	-32.3%	106.5%	8.5%
Tax rate	24.4%	82.8%	41.0%	22.4%	24.0%	24.0%
Expenses as % of revenues						
Y-Y Growth						
Revenues	59.5%	-11.6%	146.5%	90.5%	-53.5%	-11.9%
Adjusted EBITDA (hedged)	86.9%	10.0%	14.2%	46.7%	12.1%	-15.8%
Net income/ loss	-50.6%	n.m.	n.m.	n.m.	n.m.	-93.0%

* adjusted for non-recurring items such as gain on the sale of assets, acquisition-related expenses and integration costs, mark-to-market adjustments related to the company's hedge portfolio, non-cash equity compensation charges and items of a similar nature.



BALANCE SHEET

All figures in USD '000	2019A	2020A	2021A	2022A	2023E	2024E
Assets						
Current assets, total	160,360	94,474	337,139	354,222	290,454	260,397
Cash and cash equivalents	1,661	1,379	12,558	7,329	4,871	4,871
Restricted cash	1,207	250	1,033	7,891	5,245	5,245
Receivables	73,924	66,991	282,922	296,781	240,995	212,319
Derivative financial instruments	73,705	17,858	1,052	27,739	27,739	27,739
Other current assets	9,863	7,996	39,574	14,482	11,603	10,223
Non-current assets, total	1,845,580	2,196,208	3,157,070	3,476,706	3,233,851	3,063,360
Oil and gas properties, net	1,496,029	1,755,085	2,530,078	2,555,808	2,590,698	2,420,771
Property, plant & equipment, net	320,953	382,103	413,980	462,860	501,245	530,088
Intangible assets	15,981	19,213	14,134	21,098	22,172	14,309
Restricted cash	6,505	20,100	18,069	47,497	31,569	31,569
Indemnification receivable	2,133	1,837	0	0	0	0
Derivative financial instruments	3,803	717	219	13,936	13,936	13,936
Deferred tax asset	0	14,777	176,955	371,156	71,010	49,850
Other non-current assets	176	2,376	3,635	4,351	3,220	2,837
Total assets	2,005,940	2,290,682	3,494,209	3,830,928	3,524,305	3,323,757
Shareholders' equity & debt						
Current liabilities, total	126,855	196,506	773,600	1,131,630	759,297	752,304
Short-term debt	23,723	64,959	58,820	271,096	266,202	239,646
Accounts payable	17,053	19,366	62,418	93,764	76,761	67,628
Capital lease	798	5,013	9,627	9,293	10,948	9,646
Derivative financial instruments	0	15,858	251,687	293,840	75,385	75,385
Other current liabilities	85,281	91,310	391,048	463,637	330,000	360,000
Long-term liabilities, total	940,950	1,207,518	2,056,659	2,837,022	1,997,663	1,946,663
Long-term debt	598,778	652,281	951,535	1,169,233	1,148,127	1,033,592
Capital lease	1,015	13,865	18,177	19,569	26,777	23,591
Asset retirement obligation	196,871	344,242	522,190	452,554	513,706	581,247
Deferred tax liability	124,112	15,746	0	12,490	0	0
Uncertain tax position	2,133	1,837	0	0	0	0
Derivative financial instruments	15,706	168,524	556,982	1,177,801	302,165	302,165
Other non-current liabilities	2,335	11,023	7,775	5,375	6,888	6,068
Shareholders' equity	938,135	886,658	663,950	-137,724	767,345	624,789
Total consolidated equity and debt	2,005,940	2,290,682	3,494,209	3,830,928	3,524,305	3,323,757
Ratios						
Current ratio (x)	1.26	0.48	0.44	0.31	0.38	0.35
Quick ratio (x)	1.26	0.48	0.44	0.31	0.38	0.35
Net debt	635,039	724,757	1,010,005	1,435,449	1,430,481	1,289,390
Net gearing	67.7%	81.7%	152.1%	n.a.	186.4%	206.4%
Book value per share (in GBP)	21.87	18.93	11.55	-2.70	12.57	10.23
Return on equity (ROE)	11.8%	-2.6%	-41.9%	n.a.	301.9%	9.6%



CASH FLOW STATEMENT

All figures in USD '000	2019A	2020A	2021A	2022A	2023E	2024E
Net profit	99,400	-23,474	-325,206	-620,598	950,462	67,006
Depreciation and depletion	98,139	117,290	167,644	222,257	230,072	208,459
Accretion of asset retirement obligation	12,349	15,424	24,396	27,569	27,153	30,822
Deferred income taxes	32,091	-113,266	-225,694	-178,904	300,146	21,160
(Gain)/loss on derivative financial instruments	-20,270	238,795	652,465	861,457	-1,094,091	0
Asset retirement obligations	-2,541	-2,442	-2,879	-4,889	-4,150	-4,358
Gain on oil/gas properties and equipment	0	1,356	901	-2,379	-23,729	-110,000
Gain on bargain purchase	-1,540	-17,172	-58,072	-4,447	0	0
Finance costs	36,677	43,327	50,628	100,799	120,000	120,000
Revaluation of contingent consideration	0	0	8,963	0	0	0
Hedge modifications	0	0	-10,164	-133,573	0	0
Cancellation/retirement of debt	0	0	0	0	0	0
Changes in working capital	21,786	-10,129	40,680	138,735	-89,332	50,487
Non cash equity compensation	3,065	5,007	7,400	8,051	0	0
Cash paid for income taxes	-1,989	-5,850	-10,880	-26,314	0	0
Other adjustments	1,989	-7,156	0	0	0	0
Operating cash flow	279,156	241,710	320,182	387,764	416,531	383,577
Oil and gas properties and equipment	-32,313	-21,947	-50,175	-86,079	-74,332	-64,000
Free cash flow	246,843	219,763	270,007	301,685	342,199	319,577
Acquisitions	-439,272	-223,091	-574,134	-276,571	-251,000	0
(Increase)/decrease in restricted cash	-5,302	-12,637	1,838	0	18,574	0
Proceeds from disposal of assets	10,000	3,712	88,887	0	53,503	110,000
Other acquired intangibles	0	-2,900	0	0	0	0
Contingent consideration payments	0	-893	-10,822	-23,807	0	0
Payments associated with potential acquisitions	0	0	-25,002	0	0	0
Acquisition-related debt and hedge extinguishment	0	0	-56,466	0	0	0
Investment cash flow	-466,887	-257,756	-627,712	-386,457	-253,255	46,000
Repayment of borrowings	-618,010	-705,314	-1,432,566	-2,139,686	-270,000	-200,000
Proceeds of borrowings	765,236	799,650	1,727,745	2,587,554	244,000	70,000
Net proceeds/(repayment) of borrowings	147,226	94,336	295,179	447,868	-26,000	-130,000
Financing expense	-32,715	-34,335	-41,623	-82,936	-120,000	-120,000
Cost incurred to secure financing	-11,574	-7,799	-10,255	-34,234	0	0
(Increase) decrease in restricted cash	0	0	1,838	-36,287	0	0
ABS note hedge modifications	0	0	0	-105,316	0	0
Proceeds from capital lease	0	0	0	0	0	0
Principal element of lease payments	-1,724	-3,684	-8,606	-11,233	0	0
Proceeds from equity issuance, net	221,860	81,407	213,844	0	156,400	0
Cancellation of warrants	0	0	-1,429	137	0	0
Dividends to shareholders	-82,151	-98,527	-130,239	-143,455	-168,891	-168,486
Distributions to non-controlling interest owners	0	0	0	-6,389	0	0
Repurchase of shares	-52,902	-15,634	0	-34,691	-7,243	0
Financing cash flow	188,020	15,764	318,709	-6,536	-165,734	-418,486
Other	0	0	0	0	0	-11,091
Net cash flows	289	-282	11,179	-5,229	-2,458	0
Cash, start of the year	1,372	1,661	1,379	12,558	7,329	4,871
Cash, end of the year	1,661	1,379	12,558	7,329	4,871	4,871
Adjusted EBITDA (hedged)/share (in GBP)	6.67	6.83	6.29	9.59	9.52	7.87
Y-Y Growth						
Operating cash flow	222.5%	-13.4%	32.5%	21.1%	7.4%	-7.9%
Free cash flow	362.7%	89.0%	122.9%	111.7%	113.4%	93.4%
EBITDA/share	-82.4%	2.4%	-8.0%	52.5%	-0.7%	-17.3%

Imprint / Disclaimer

First Berlin Equity Research

First Berlin Equity Research GmbH ist ein von der BaFin betreffend die Einhaltung der Pflichten des §85 Abs. 1 S. 1 WpHG, des Art. 20 Abs. 1 Marktmissbrauchsverordnung (MAR) und der Markets Financial Instruments Directive (MiFID) II, Markets in Financial Instruments Directive (MiFID) II Durchführungsverordnung und der Markets in Financial Instruments Regulations (MiFIR) beaufsichtigtes Unternehmen.

First Berlin Equity Research GmbH is one of the companies monitored by BaFin with regard to its compliance with the requirements of Section 85 (1) sentence 1 of the German Securities Trading Act [WpHG], art. 20 (1) Market Abuse Regulation (MAR) and Markets in Financial Instruments Directive (MiFID) II, Markets in Financial Instruments Directive (MiFID) II Commission Delegated Regulation and Markets in Financial Instruments Regulations (MiFIR).

Anschrift:

First Berlin Equity Research GmbH
Friedrichstr. 34
10117 Berlin
Germany

Vertreten durch den Geschäftsführer: Martin Bailey

Telefon: +49 (0) 30-80 93 9 680

Fax: +49 (0) 30-80 93 9 687

E-Mail: info@firstberlin.com

Amtsgericht Berlin Charlottenburg HR B 103329 B

UST-Id.: 251601797

Ggf. Inhaltlich Verantwortlicher gem. § 6 MDStV

First Berlin Equity Research GmbH

Authored by: Simon Scholes, Analyst

All publications of the last 12 months were authored by Simon Scholes.

Company responsible for preparation: First Berlin Equity Research GmbH, Friedrichstraße 69, 10117 Berlin

The production of this recommendation was completed on 19 December 2023 at 13:39

Person responsible for forwarding or distributing this financial analysis: Martin Bailey

Copyright© 2023 First Berlin Equity Research GmbH No part of this financial analysis may be copied, photocopied, duplicated or distributed in any form or media whatsoever without prior written permission from First Berlin Equity Research GmbH. First Berlin Equity Research GmbH shall be identified as the source in the case of quotations. Further information is available on request.

INFORMATION PURSUANT TO SECTION 85 (1) SENTENCE 1 OF THE GERMAN SECURITIES TRADING ACT [WPHG], TO ART. 20 (1) OF REGULATION (EU) NO 596/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF APRIL 16, 2014, ON MARKET ABUSE (MARKET ABUSE REGULATION) AND TO ART. 37 OF COMMISSION DELEGATED REGULATION (EU) NO 2017/565 (MIFID) II.

First Berlin Equity Research GmbH (hereinafter referred to as: "First Berlin") prepares financial analyses while taking the relevant regulatory provisions, in particular section 85 (1) sentence 1 of the German Securities Trading Act [WpHG], art. 20 (1) of Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) and art. 37 of Commission Delegated Regulation (EU) no. 2017/565 (MiFID II) into consideration. In the following First Berlin provides investors with information about the statutory provisions that are to be observed in the preparation of financial analyses.

CONFLICTS OF INTEREST

In accordance with art. 37 (1) of Commission Delegated Regulation (EU) no. 2017/565 (MiFID) II and art. 20 (1) of Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) investment firms which produce, or arrange for the production of, investment research that is intended or likely to be subsequently disseminated to clients of the firm or to the public, under their own responsibility or that of a member of their group, shall ensure the implementation of all the measures set forth in accordance with Article 34 (2) lit. (b) of Regulation (EU) 2017/565 in relation to the financial analysts involved in the production of the investment research and other relevant persons whose responsibilities or business interests may conflict with the interests of the persons to whom the investment research is disseminated. In accordance with art. 34 (3) of Regulation (EU) 2017/565 the procedures and measures referred to in paragraph 2 lit. (b) of such article shall be designed to ensure that relevant persons engaged in different business activities involving a conflict of interests carry on those activities at a level of independence appropriate to the size and activities of the investment firm and of the group to which it belongs, and to the risk of damage to the interests of clients.

In addition, First Berlin shall pursuant to Article 5 of the Commission Delegated Regulation (EU) 2016/958 disclose in their recommendations all relationships and circumstances that may reasonably be expected to impair the objectivity of the financial analyses, including interests or conflicts of interest, on their part or on the part of any natural or legal person working for them under a contract, including a contract of employment, or otherwise, who was involved in producing financial analyses, concerning any financial instrument or the issuer to which the recommendation directly or indirectly relates.

With regard to the financial analyses of Diversified Energy PLC the following relationships and circumstances exist which may reasonably be expected to impair the objectivity of the financial analyses: The author, First Berlin, or a company associated with First Berlin reached an agreement with the Diversified Energy PLC for preparation of a financial analysis for which remuneration is owed.

Furthermore, First Berlin offers a range of services that go beyond the preparation of financial analyses. Although First Berlin strives to avoid conflicts of interest wherever possible, First Berlin may maintain the following relations with the analysed company, which in particular may constitute a potential conflict of interest:

- The author, First Berlin, or a company associated with First Berlin owns a net long or short position exceeding the threshold of 0.5 % of the total issued share capital of the analysed company;
- The author, First Berlin, or a company associated with First Berlin holds an interest of more than five percent in the share capital of the analysed company;

- The author, First Berlin, or a company associated with First Berlin provided investment banking or consulting services for the analysed company within the past twelve months for which remuneration was or was to be paid;
- The author, First Berlin, or a company associated with First Berlin reached an agreement with the analysed company for preparation of a financial analysis for which remuneration is owed;
- The author, First Berlin, or a company associated with First Berlin has other significant financial interests in the analysed company;

With regard to the financial analyses of Diversified Energy PLC the following of the aforementioned potential conflicts of interests or the potential conflicts of interest mentioned in Article 6 paragraph 1 of the Commission Delegated Regulation (EU) 2016/958 exist: The author, First Berlin, or a company associated with First Berlin reached an agreement with the Diversified Energy PLC for preparation of a financial analysis for which remuneration is owed.

In order to avoid and, if necessary, manage possible conflicts of interest both the author of the financial analysis and First Berlin shall be obliged to neither hold nor in any way trade the securities of the company analyzed. The remuneration of the author of the financial analysis stands in no direct or indirect connection with the recommendations or opinions represented in the financial analysis. Furthermore, the remuneration of the author of the financial analysis is neither coupled directly to financial transactions nor to stock exchange trading volume or asset management fees.

INFORMATION PURSUANT TO SECTION 64 OF THE GERMAN SECURITIES TRADING ACT [WPHG], DIRECTIVE 2014/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 15 MAY 2014 ON MARKETS IN FINANCIAL INSTRUMENTS AND AMENDING DIRECTIVE 2002/92/EC AND DIRECTIVE 2011/61/EU, ACCOMPANIED BY THE MARKETS IN FINANCIAL INSTRUMENTS REGULATION (MIFIR, REG. EU NO. 600/2014).

First Berlin notes that it has concluded a contract with the issuer to prepare financial analyses and is paid for that by the issuer. First Berlin makes the financial analysis simultaneously available for all interested security financial services companies. First Berlin thus believes that it fulfils the requirements of section 64 WpHG for minor non-monetary benefits.

PRICE TARGET DATES

Unless otherwise indicated, current prices refer to the closing prices of the previous trading day.

AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

The present financial analysis is based on the author's own knowledge and research. The author prepared this study without any direct or indirect influence exerted on the part of the analysed company. Parts of the financial analysis were possibly provided to the analysed company prior to publication in order to avoid inaccuracies in the representation of facts. However, no substantial changes were made at the request of the analysed company following any such provision.

ASSET VALUATION SYSTEM

First Berlin's system for asset valuation is divided into an asset recommendation and a risk assessment.

ASSET RECOMMENDATION

The recommendations determined in accordance with the share price trend anticipated by First Berlin in the respectively indicated investment period are as follows:

Category		1	2
Current market capitalisation (in €)		0 - 2 billion	> 2 billion
Strong Buy ¹	An expected favourable price trend of:	> 50%	> 30%
Buy	An expected favourable price trend of:	> 25%	> 15%
Add	An expected favourable price trend of:	0% to 25%	0% to 15%
Reduce	An expected negative price trend of:	0% to -15%	0% to -10%
Sell	An expected negative price trend of:	< -15%	< -10%

¹ The expected price trend is in combination with sizable confidence in the quality and forecast security of management.

Our recommendation system places each company into one of two market capitalisation categories. Category 1 companies have a market capitalisation of €0 – €2 billion, and Category 2 companies have a market capitalisation of > €2 billion. The expected return thresholds underlying our recommendation system are lower for Category 2 companies than for Category 1 companies. This reflects the generally lower level of risk associated with higher market capitalisation companies.

RISK ASSESSMENT

The First Berlin categories for risk assessment are low, average, high and speculative. They are determined by ten factors: Corporate governance, quality of earnings, management strength, balance sheet and financial risk, competitive position, standard of financial disclosure, regulatory and political uncertainty, strength of brandname, market capitalisation and free float. These risk factors are incorporated into the First Berlin valuation models and are thus included in the target prices. First Berlin customers may request the models.

RECOMMENDATION & PRICE TARGET HISTORY

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	30 June 2020	GBp1888.00	Buy	GBp2600.00
2...10	↓	↓	↓	↓
11	1 April 2022	GBp2372.00	Buy	GBp3000.00
12	5 May 2022	GBp2500.00	Buy	GBp3000.00
13	25 May 2022	GBp2466.00	Buy	GBp3200.00
14	11 October 2022	GBp2622.00	Buy	GBp3600.00
15	20 February 2023	GBp2082.00	Buy	GBp3600.00
16	12 July 2023	GBp1713.00	Buy	GBp3600.00
17	19 September 2023	GBp1661.00	Buy	GBp3600.00
18	6 October 2023	GBp1433.00	Buy	GBp3600.00
19	Today	GBp1310.50	Buy	GBp3600.00

INVESTMENT HORIZON

Unless otherwise stated in the financial analysis, the ratings refer to an investment period of twelve months.

UPDATES

At the time of publication of this financial analysis it is not certain whether, when and on what occasion an update will be provided. In general First Berlin strives to review the financial analysis for its topicality and, if required, to update it in a very timely manner in connection with the reporting obligations of the analysed company or on the occasion of ad hoc notifications.

SUBJECT TO CHANGE

The opinions contained in the financial analysis reflect the assessment of the author on the day of publication of the financial analysis. The author of the financial analysis reserves the right to change such opinion without prior notification.

Legally required information regarding

- key sources of information in the preparation of this research report
- valuation methods and principles
- sensitivity of valuation parameters

can be accessed through the following internet link: <https://firstberlin.com/disclaimer-english-link/>

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Marie-Curie-Straße 24-28, 60439 Frankfurt am Main

EXCLUSION OF LIABILITY (DISCLAIMER)

RELIABILITY OF INFORMATION AND SOURCES OF INFORMATION

The information contained in this study is based on sources considered by the author to be reliable. Comprehensive verification of the accuracy and completeness of information and the reliability of sources of information has neither been carried out by the author nor by First Berlin. As a result no warranty of any kind whatsoever shall be assumed for the accuracy and completeness of information and the reliability of sources of information, and neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be liable for any direct or indirect damage incurred through reliance on the accuracy and completeness of information and the reliability of sources of information.

RELIABILITY OF ESTIMATES AND FORECASTS

The author of the financial analysis made estimates and forecasts to the best of the author's knowledge. These estimates and forecasts reflect the author's personal opinion and judgement. The premises for estimates and forecasts as well as the author's perspective on such premises are subject to constant change. Expectations with regard to the future performance of a financial instrument are the result of a measurement at a single point in time and may change at any time. The result of a financial analysis always describes only one possible future development – the one that is most probable from the perspective of the author – of a number of possible future developments.

Any and all market values or target prices indicated for the company analysed in this financial analysis may not be achieved due to various risk factors, including but not limited to market volatility, sector volatility, the actions of the analysed company, economic climate, failure to achieve earnings and/or sales forecasts, unavailability of complete and precise information and/or a subsequently occurring event which affects the underlying assumptions of the author and/or other sources on which the author relies in this document. Past performance is not an indicator of future results; past values cannot be carried over into the future.

Consequently, no warranty of any kind whatsoever shall be assumed for the accuracy of estimates and forecasts, and neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be liable for any direct or indirect damage incurred through reliance on the correctness of estimates and forecasts.

INFORMATION PURPOSES, NO RECOMMENDATION, SOLICITATION, NO OFFER FOR THE PURCHASE OF SECURITIES

The present financial analysis serves information purposes. It is intended to support institutional investors in making their own investment decisions; however in no way provide the investor with investment advice. Neither the author, nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be considered to be acting as an investment advisor or portfolio manager vis-à-vis an investor. Each investor must form his own independent opinion with regard to the suitability of an investment in view of his own investment objectives, experience, tax situation, financial position and other circumstances.

The financial analysis does not represent a recommendation or solicitation and is not an offer for the purchase of the security specified in this financial analysis. Consequently, neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall as a result be liable for losses incurred through direct or indirect employment or use of any kind whatsoever of information or statements arising out of this financial analysis.

A decision concerning an investment in securities should take place on the basis of independent investment analyses and procedures as well as other studies including, but not limited to, information memoranda, sales or issuing prospectuses and not on the basis of this document.

NO ESTABLISHMENT OF CONTRACTUAL OBLIGATIONS

By taking note of this financial analysis the recipient neither becomes a customer of First Berlin, nor does First Berlin incur any contractual, quasi-contractual or pre-contractual obligations and/or responsibilities toward the recipient. In particular no information contract shall be established between First Berlin and the recipient of this information.

NO OBLIGATION TO UPDATE

First Berlin, the author and/or the person responsible for passing on or distributing the financial analysis shall not be obliged to update the financial analysis. Investors must keep themselves informed about the current course of business and any changes in the current course of business of the analysed company.

DUPLICATION

Dispatch or duplication of this document is not permitted without the prior written consent of First Berlin.

SEVERABILITY

Should any provision of this disclaimer prove to be illegal, invalid or unenforceable under the respectively applicable law, then such provision shall be treated as if it were not an integral component of this disclaimer; in no way shall it affect the legality, validity or enforceability of the remaining provisions.

APPLICABLE LAW, PLACE OF JURISDICTION

The preparation of this financial analysis shall be subject to the law obtaining in the Federal Republic of Germany. The place of jurisdiction for any disputes shall be Berlin (Germany).

NOTICE OF DISCLAIMER

By taking note of this financial analysis the recipient confirms the binding nature of the above explanations.

By using this document or relying on it in any manner whatsoever the recipient accepts the above restrictions as binding for the recipient.

QUALIFIED INSTITUTIONAL INVESTORS

First Berlin financial analyses are intended exclusively for qualified institutional investors.

This report is not intended for distribution in the USA and/or Canada.