



Malaysia

HOLD (no change)

Hold 3 Sell 1 Consensus ratings*: Buy 4 Current price: RM0.12 RM0.115 Target price: Previous target: RM0.135 -4.2% Up/downside: CGS-CIMB / Consensus: -30.6% VELE.KL Reuters: Bloombera: VFB MK US\$224.3m Market cap: RM985.9m US\$0.49m Average daily turnover: RM2.07m Current shares o/s: 8,216m Free float: 38.0% *Source: Bloomberg

Key changes in this note

- FY22F core net profit forecast of RM35m slashed to a core net loss of RM38m, as we cut our JU utilisation assumption from 70% to 57%.
- FY23F core EPS forecast reduced by 5% and FY24F core EPS forecast raised by 6% on various housekeeping adjustments.



		Gource. L	bloomberg
Price performance	1M	ЗМ	12M
Absolute (%)	9.1	-4	-11.1
Relative (%)	12.5	-0.5	-8.4
Major shareholders			% held
Permodalan Nasional	Bhd		54.4

Velesto Energy Berhad

FY22F likely in the red; FY23F may improve

- 1Q22 core net loss of RM46m was below expectations against our full-year profit forecast of RM35m and consensus loss forecast of RM12m.
- Reiterate Hold with lower DCF-based TP of 11.5 sen as we cut our FY22F utilisation assumption and raise the cost of equity discount rate.
- We expect Velesto to report a quarterly loss in 2Q22F that is fairly similar to 1Q22, and for FY22F to be in the red, though we expect profits in FY23F.

Poor 1Q22 and low 2Q22F expectations; more 2H22F work needed

Velesto's 1Q22 core net loss of RM46m was a significant deterioration from 4Q21's RM12m core net profit, due mainly to the qoq drop in jack-up (JU) drilling rig utilisation to 39% in 1Q22 from 74% in 4Q21. Nevertheless, Velesto narrowed its loss yoy, as the JU utilisation in 1Q22 was better than 1Q21's 28%, depreciation fell due to the write-off of the Naga 7 JU rig which sank on 3 May 2021, and interest expense also dropped as Velesto used the insurance compensation to reduce its outstanding debt. We do not expect much improvement for Velesto in 2Q22F. Drilling contracts secured to-date suggest utilisation of just 41%, a marginal improvement from 1Q22's 39%; hence we expect Velesto's 2Q22F core net loss to be almost as large as for the 1Q22. Assuming no additional work, Velesto may deliver 55% utilisation in 3Q22F and 62% in 4Q22F, which is insufficient to report profits for 2H22F. This implies 49.5% utilisation for FY22F, just slightly better than FY21's disappointing 48% utilisation. Having said that, we expect new work to emerge for Naga 5 and Naga 6 in 2H22F, both of which have barely drilled this year and have not yet secured any forward jobs. In the most optimistic scenario where all available Naga 5 and Naga 6 capacity in 2H22F is fully utilised, we calculate that Velesto can at most achieve 65% utilisation for FY22F, or 57% if half of available Naga 5 and Naga 6 capacity in 2H22F is utilised. We have adopted 57% as the basis for our new FY22F utilisation assumption, revised lower from 70% previously.

FY23F outlook should be better; cost inflation remains a risk

The outlook for FY23F may improve because higher oil prices tend to spill over into higher drilling capex by oil companies with a lag. Hence, we retain our FY23F utilisation assumption of 70%, which is a step-up from FY22F's 57% utilisation. Velesto's average charter rates may also benefit after this year's upgrade of the Naga 5 and Naga 6 to possess offline capabilities, which typically lifts rates from the low-US\$70,000s to the high-US\$70,000s. Conversely, it may be difficult for Velesto to achieve utilisation higher than 70% unless it secures long-term contracts, which at the moment, remain rare. Apart from the Naga 5 and Naga 6, rate upside may be capped by Velesto having assigned all of its rigs to Petronas Carigali's call-out umbrella contract for the next two years, effective 1Q22. Cost inflation remains a concern, due to the rush to secure manpower and other resources as drilling work throughout SE Asia picks up pace. The main upside risk relates to the potential for utilisation rates to exceed our 70% assumption, but the key downside risk is for cost inflation to undo Velesto's 3-year cost optimisation efforts.

Analyst(s)

Urusharta Jamaah



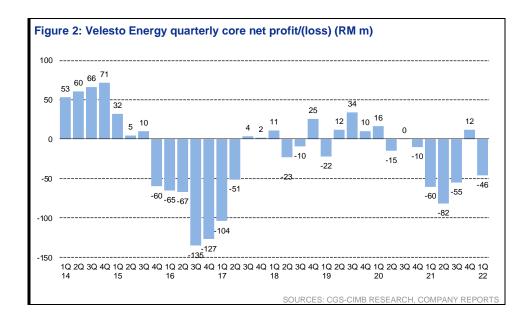
Raymond YAP, CFA T (60) 3 2635 9250 E raymond.yap@cgs-cimb.com

Financial Summary	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Revenue (RMm)	546.9	377.5	420.1	519.0	509.8
Operating EBITDA (RMm)	273.4	14.5	135.8	235.5	237.0
Net Profit (RMm)	(491.7)	(90.8)	(38.4)	59.7	64.5
Core EPS (RM)	(0.001)	(0.023)	(0.005)	0.007	0.008
Core EPS Growth	(125%)	2092%	(79%)		8%
FD Core P/E (x)	NA	NA	NA	16.51	15.29
DPS (RM)	-	-	-	-	-
Dividend Yield	0%	0%	0%	0%	0%
EV/EBITDA (x)	6.14	87.94	8.90	4.79	4.43
P/FCFE (x)	12.56	74.85	NA	26.59	77.60
Net Gearing	30.6%	12.8%	10.1%	6.3%	2.8%
P/BV (x)	0.43	0.44	0.44	0.43	0.42
ROE	(0.33%)	(8.20%)	(1.71%)	2.64%	2.78%
% Change In Core EPS Estimates			(209%)	(5%)	6%
CGS-CIMB/Consensus EPS (x)				1.82	0.98



Results comparison table ➤

FYE Dec (RM m)	1QFY22	1QFY21	yoy %	4QFY21	qoq %	Prev.	
			chg		chg	FY22F	Comments
Revenue	77.4	43.9	76.2	158.5	(51.2)	489.9	1Q22 rev fell 51% qoq on lower utilisation rate of 39% vs.
Operating costs	(83.1)	(53.5)	55.4	(108.2)	(23.2)	(273.4)	78% in 4Q21, which caused 1Q21 EBITDA to fall into a
EBITDA	(5.7)	(9.5)	(40.3)	50.2	(111.3)	216.5	loss, vs. profit in 4Q21.
EBITDA margin (%)	(7.4)	(21.7)	-	31.7	-	44.2	
Depn & amort.	(35.6)	(41.2)	(13.5)	(39.3)	(9.2)	(147.4)	Depreciation fell yoy due to write-off of the Naga 7, which sank
EBIT	(41.3)	(50.7)	nm	11.0	(476.7)	69.1	on 3 May 2021; Velesto received insurance compensation.
Interest expense	(5.1)	(10.8)	(52.8)	(8.1)	(37.1)	(31.6)	Lower interest expense due to lower level of borrowings, as
Interest & invt inc	0.6	1.2	(49.0)	8.8	(93.1)	4.5	Velesto utilised part of the insurance receipts to repay debt.
Associates' contrib	0.0	0.0	(11.4)	0.0	14.7	0.5	
Exceptionals	-	-	nm	(6.5)	(100.0)	-	
Pretax profit	(45.8)	(60.3)	(24.1)	5.2	(978.2)	42.5	
Гах	(0.4)	(0.2)	125.1	0.2	(298.6)	(7.2)	
Tax rate (%)	(0.9)	(0.3)	-	(4.1)		17.0	
Minority interests	-	-	nm	-	nm	-	
Net profit	(46.2)	(60.5)	(23.6)	5.4	(951.6)	35.3	Core net loss in 1Q22 due to the low utilisation, vs. core net
Core net profit	(46.2)	(60.5)	(23.6)	12.0	(486.1)	35.3	profit in 4Q21. Core net loss narrowed yoy from 1Q21, as the
PS (sen)	(0.6)	(0.7)	(23.6)	0.1	(951.6)	0.4	1Q21 utilisation was even lower at only 28%.
Core EPS (sen)	(0.6)	(0.7)	(23.6)	0.1	(486.1)	0.4	



RM m	2021A		2022F			2023F		2024F			
KWITH		Old	New	chg	Old	New	chg	Old	New	chg	
Revenue	378	490	420	-14%	497	519	4%	487	510	5%	
EBITDA	14	216	136	-37%	238	235	-1%	232	237	2%	
Reported PBT	(82)	43	(38)	-190%	72	69	-4%	71	75	5%	
Core pretax profit	(177)	43	(38)	-190%	72	69	-4%	71	75	5%	
Reported net profit	(91)	35	(38)	-209%	63	60	-5%	61	64	6%	
Reported EPS	(0.01)	0.00	(0.00)	-209%	0.01	0.01	-5%	0.01	0.01	6%	
Core net profit	(186)	35	(38)	-209%	63	60	-5%	61	64	6%	
Core EPS	(0.02)	0.00	(0.00)	-209%	0.01	0.01	-5%	0.01	0.01	6%	



DCF assumptions and target price >

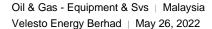
Figure 4: Assumptions and DCF value	ation				
Assumptions					
	2017-20	2021-23F	2024-33F	2033-45F	
JU: Utilisation (%)	72%	64%	70%	70%	
JU: Daily earnings (US\$/day)	71,108	71,207	72,357	72,000	
JU: Daily working cash costs (US\$/day)	36,367	22,167	27,700	28,000	
JU: Daily stacked cash costs (US\$/day)	10,000	10,000	10,000	10,000	
DCF valuation		9	Cost of equity	у	
	FY22F	F	Rf		4.25%
DCF value to equity (RM m)	432.6	F	ERP		6.00%
Add: Cash (end of FY)	255.1	F	Beta		2.0
Add: Residual net assets (end of FY)	252.6	F	Ke (nominal))	16.25%
Total equity valuation (RM m)	940.4				
No of shares (m)	8,215.6				
Per share equity valuation (RM)	0.114				
Rounded target price (RM)	0.115				
	SOL	JRCES: CGS-C	CIMB RESEARC	CH, COMPANY	REPORTS

We cut our DCF-based target price from 13.5 sen to 11.5 sen, on account of:

- A reduction of our FY22F JU utilisation rate assumption from 70% to 57%;
- An increase in the risk-free rate assumption from 3.7% to 4.25% (to reflect the increase in 10-year Malaysian government bond yields), which increases our cost of equity discount rate from 15.7% to 16.25%; partially offset by
- An increase in the US\$ exchange rate assumption from RM4.20 to RM4.30.

Upside risks: Petronas may raise its domestic drilling capex in light of the higher oil prices, particularly for FY23F. We have assumed JU utilisation of 70% from FY23F onwards, up from FY21's 48% and FY22F's 57%.

Downside risks: Operating cost inflation could accelerate in the quarters ahead as rig utilisation in Malaysia and SE Asia increases.





Velesto's secured drilling contracts ➤

BASED ON RIGLOGIX DATA					,	Day	s							
Firm contracts	FY19	FY20	1Q21	2Q21	3Q21	4Q21	FY21	1Q22	2Q22F	3Q22F	4Q22F	FY22F	FY23F	FY24
Naga 2	220	298	0	0	46	92	138	59	61	92	6	218	0	
Naga 3	231	0	0	0	0	0	0	0	0	30	50	80	0	
Naga 4	365	315	90	75	46	87	298	46	73	92	92	303	59	
Naga 5	289	182	0	61	92	92	245	5	0	0	0	5	0	
Naga 6	282	321	0	0	0	78	78	10	0	0	0	10	0	
Naga 7	286	337	90				90							
Naga 8	365	154	0	91	92	92	275	90	91	92	92	365	365	9
Total firm contract days	2,038	1,607	180	227	276	441	1,124	210	225	306	240	981	424	9
Option periods														
Naga 2	0	0	0	0	0	0	0	0	0	0	64	64	0	
Naga 3	0	0	0	0	0	0	0	0	0	0	40	40	0	
Naga 4	0	0	0	0	0	0	0	0	0	0	0	0	0	
Naga 5	0	0	0	0	0	0	199	0	0	0	0	5	0	
Naga 6	0	0	0	0	0	0	0	0	0	0	0	0	0	
Naga 7	0	0	0				0	0				-	-	
Naga 8	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Total option contract days	0	0	0	0	0	0	199	0	0	0	104	109	0	27
BASED ON RIGLOGIX DATA CURRENT CONTRACTS	(MODIFIE	D BY INFO	ORMATIO	N FROM V	ELESTO)									
Total contract days	2,038	1,636	180	227	276	441	1,124	210	225	306	344	1,085	424	36
- Firm contract days	2,038	1,636	180	227	276	441	1,124	210	225	306	240	981	424	ç
- Option contract days	0	0	0	0	0	0	0	0	0	0	104	104	0	27
, ,			637	576	552	552	2,317	540	546	552	552	2,190	2,190	2,19
Total calendar days	2,555	2,555	037	070										
Total calendar days	2,555 79.8%	2,555 64.0 %	28.3%	39.4%	50.0%	79.9%	48.5%	38.9%	41.2%	55.4%	62.3%	49.5%	19.4%	16.7
Total calendar days Total utilisation rate (%)		,					48.5% 48.5%	38.9% 38.9%	41.2% 41.2%	55.4% 55.4%	62.3% 43.5%	49.5% 44.8%	19.4% 19.4%	16.7
Total calendar days Total utilisation rate (%) - Firm contract days	79.8%	64.0%	28.3%	39.4%	50.0%	79.9%								4.2
Total calendar days Total utilisation rate (%) - Firm contract days - Option contract days	79.8% 79.8% 0.0%	64.0% 64.0% 0.0%	28.3% 28.3% 0.0%	39.4% 39.4%	50.0% 50.0%	79.9% 79.9%	48.5%	38.9%	41.2%	55.4%	43.5%	44.8%	19.4%	4.2
	79.8% 79.8% 0.0%	64.0% 64.0% 0.0%	28.3% 28.3% 0.0%	39.4% 39.4%	50.0% 50.0%	79.9% 79.9%	48.5%	38.9%	41.2%	55.4%	43.5%	44.8%	19.4%	

Naga 2

Naga 2's 5-well firm drilling contract with Petronas Carigali was supposed to begin in early-April 2022, but the start date was delayed to late-April instead. Drilling is scheduled to continue until early-October 2022, after which Petronas Carigali has the option to exercise two 1-well drilling contracts, lasting about 30 days each.

Naga 3

The Naga 3 has been idle since late-May 2020, and recently secured a 2-well firm and 1-well option drilling contract with Vietnam's Hoang Long Joint Operating Company (JOC). Drilling is scheduled to start in early-October and last until end-December 2022. In the meantime, the Naga 3 has been sent to a shipyard for technical modification works from mid-May and will remain in the yard until late-August. This means that it will not be able to accept any additional jobs while waiting for the Hoang Long JOC work to begin.

Naga 4

Naga 4's contract with Sarawak Shell was supposed to start in February or March 2022, but the start date was delayed to mid-April 2022. The 7-well drilling contract will last until end-February 2023.

Naga 5



Naga 5's drilling contract for Petronas Carigali ended in early-January 2022, and was sent to Keppel Shipyard for offline capability upgrades from early-March. It will exit the yard in late-May 2022. Velesto has not announced any work for the Naga 5 following its shipyard exit, but Riglogix reported it may drill for PTTEP Malaysia or Hess Malaysia, from October 2022 onwards.

Naga 6

Naga 5's drilling contract for Petronas Carigali ended in early-January 2022, and was sent to Keppel Shipyard for offline capability upgrades from early-May to early-August 2022. Velesto is working to secure new work for Naga 6 after that.

Naga 8

The Naga 8 has been working for Carigali Hess Operating Company since early-April 2021 under a 3-year firm contract until early-April 2024, to be followed by three 6-month options.

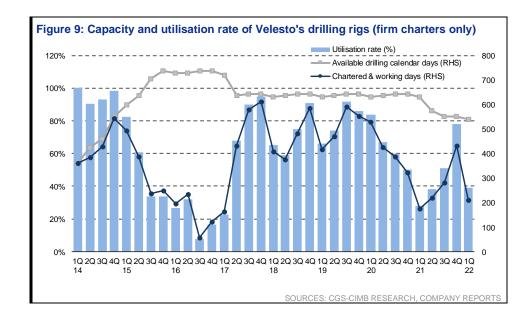
Further information on the results >

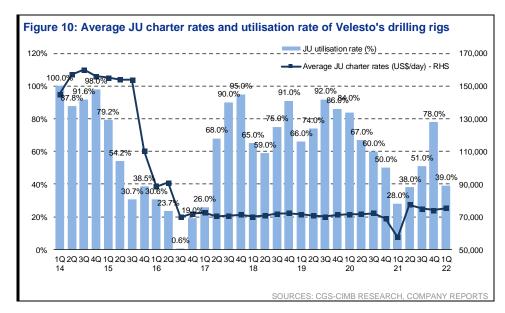
	1QFY22	1QFY21	yoy %	4QFY21	qoq %	
			chg		chg	Comments
Revenue (RM m)	77.4	43.9	76.2	158.5	(51.2)	Drilling revenue fell qoq in 1Q22 due to lower JU utilisation rates.
- Drilling services	74.2	40.8	82.0	151.0	(50.9)	Drilling revenue rose yoy in 1Q22 due to higher utilisation rates
- Oilfield services	2.3	3.0	(21.1)	7.1	(67.1)	and higher average charter rates.
Number of rigs	6	7	(14.3)	6	-	The number of JU rigs dropped by one, due to the sinking of the
Number of HWUs	4	4	-	4	-	Naga 7 on 3 May 2021.
Drilling calendar days	540	630	(14.3)	552	(2.2)	
Days employed	211	176	19.4	431	(51.1)	
Utilisation rate	39.0%	28.0%	11.0%	78.0%	-39.0%	Utilisation rates rose yoy but fell qoq.
Charter rates (US\$/day)	75,319	53,000	42.1	74,222	1.5	Average charter rates were depressed in 1Q21, as the Naga 7
						was used as a floating hotel at a low daily charter rate.

	1QFY22	1QFY21	yoy %	4QFY21	qoq %
			chg		chg Comments
Drilling costs (RM m)	105.3	79.5	32.6	128.7	(18.1) Cash opex rose yoy in 1Q22 due to higher utilisation rate of
- Cash operating costs	69.8	38.4	81.9	89.5	(22.0) JU rigs.
- Depreciation	35.5	41.1	(13.5)	39.1	(9.3)
Drilling EBIT (RM m)	(31.1)	(38.7)	nm	22.4	nm Drilling EBIT fell into a loss in 1Q22 vs. profit in 4Q21 due to
EBIT margin (%)	-42.0%	-94.9%		14.8%	the lower utilisation of JU rigs.

Figure 8: Segmental	profit afte	er tax				
	1QFY22	1QFY21	yoy %	4QFY21	qoq %	
			chg		chg	Comments
Profit after tax (RM m)	(44.1)	(58.6)	nm	5.4	(912.4)	Drilling segment turned into a loss in 1Q22 vs. profit in 4Q21, as
- Drilling services	(36.3)	(49.0)	(26.1)	15.0	(341.5)	utilisation rates fell qoq.
- Oilfield services	0.3	0.5	(37.0)	(1.5)	(119.0)	
- Others	(8.1)	(10.1)	(19.4)	(8.0)	0.7	
						SOURCES: CGS-CIMB RESEARCH, C









Sequential quarterly tables ➤

FYE Dec (RM m)	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22
Revenue	176.3	140.9	130.7	99.1	43.9	83.6	91.5	158.5	77.4
Operating costs	(80.2)	(79.7)	(64.4)	(49.2)	(53.5)	(104.9)	(96.4)	(108.2)	(83.1)
EBITDA	96.1	61.3	66.2	49.2) 49.8	(33.3) (9.5)		(90.4)	50.2	
	54.5	43.5	50.7	50.3	(21.7)	(21.3)	(5.3)	31.7	(5.7)
EBITDA margin (%)						(25.5)			(7.4)
Depn & amort.	(60.8)	(59.4)	(50.8)	(49.0)	(41.2)	(39.0)	(37.5)	(39.3)	(35.6)
EBIT	35.2	1.9	15.4	0.8	(50.7)	(60.4)	(42.4)	11.0	(41.3)
Interest expense	(19.5)	(17.6)	(14.4)	(12.8)	(10.8)	(10.8)	(10.1)	(8.1)	(5.1)
Interest & invt inc	2.0	2.1	1.8	11.2	1.2	(6.2)	1.3	8.8	0.6
Associates' contrib	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Exceptionals	-	-	-	(483.3)	-	98.2	3.2	(6.5)	-
Pretax profit	17.7	(13.5)	2.8	(484.0)	(60.3)	20.8	(48.0)	5.2	(45.8)
Tax	(1.4)	(1.7)	(2.4)	(9.3)	(0.2)	(4.5)	(4.1)	0.2	(0.4)
Tax rate (%)	7.9	(12.7)	83.2	(1.9)	(0.3)	21.8	(8.5)	(4.1)	(0.9)
Minority interests	-	-	-	-	-	-	-	-	-
Net profit	16.3	(15.2)	0.5	(493.3)	(60.5)	16.3	(52.0)	5.4	(46.2)
Core net profit	16.3	(15.2)	0.5	(10.0)	(60.5)	(81.9)	(55.3)	12.0	(46.2)
EPS (sen)	0.2	(0.2)	0.0	(6.0)	(0.7)	0.2	(0.6)	0.1	(0.6)
Core EPS (sen)	0.2	(0.2)	0.0	(0.1)	(0.7)	(1.0)	(0.7)	0.1	(0.6)
Breakdown of exceptionals		-	-	(483.3)	-	98.2	3.2	(6.5)	
- Gain/(loss) on disposal of PPE		_	-	- (-		-	_
- PPE written off	-	-	-	(22.7)	-	-	-	-	-
- Impairment of PPE				(460.6)		(460.5)	(3.8)	(1.7)	_
- Others				(100.0)		558.7	7.0	(4.9)	

	4051/00	005/00	005/00	405)/00	405)/04	005/04	0051/04	4051/04	405)/00
	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22
Revenue (RM m)	176.3	140.9	130.7	99.1	43.9	83.6	91.5	158.5	77.4
- Drilling services	174.2	137.9	127.8	95.7	40.8	80.2	87.2	151.0	74.2
- Oilfield services	1.8	3.0	2.7	3.0	3.0	2.9	4.1	7.1	2.3
- Others	0.2	0.1	0.2	0.4	0.2	0.4	0.2	0.4	0.6
Number of rigs	7	7	7	7	7	6	6	6	6
Number of HWUs	4	4	4	4	4	4	4	4	4
Drilling calendar days	630	637	644	644	630	576	552	552	540
Days employed	529	427	386	322	176	219	282	431	211
Utilisation rate	84.0%	67.0%	60.0%	50.0%	28.0%	38.0%	51.0%	78.0%	39.0%
Charter rates (US\$/day)	71,000	72,000	72,000	66,000	53,000	77,396	74,926	74,222	75,319

	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22
Drilling costs (RM m)	129.4	128.8	100.8	96.2	79.5	137.9	115.1	128.7	105.3
- Cash operating costs	68.7	69.6	50.1	47.3	38.4	99.0	77.8	89.5	69.8
- Depreciation	60.7	59.2	50.7	48.9	41.1	38.9	37.4	39.1	35.5
Drilling EBIT (RM m)	44.9	9.1	27.0	(0.5)	(38.7)	(57.6)	(27.9)	22.4	(31.1)
EBIT margin (%)	25.8%	6.6%	21.1%	-0.5%	-94.9%	-71.8%	-32.0%	14.8%	-42.0%
(///	20.070	3.070	270	3.070	J070		CGS-CIMB RESE		



Figure 14: Segmental profi	it after tax								
	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22
Profit after tax (RM m)	16.3	(15.2)	0.5	(493.3)	(58.6)	16.3	(52.0)	5.4	(44.1)
- Drilling services	25.5	(8.6)	12.0	(484.3)	(49.0)	25.8	(41.4)	15.0	(36.3)
- Oilfield services	(2.4)	(0.9)	(1.0)	(0.9)	0.5	(3.0)	(1.8)	(1.5)	0.3
- Others	(6.8)	(5.7)	(10.6)	(8.1)	(10.1)	(6.6)	(8.9)	(8.0)	(8.1)





ESG in a nutshell

Velesto has been included in Bursa Malaysia's FTSE4Good Index since 2019, and was given a 4-star ESG ranking by Bursa Malaysia and FTSE Russell, with an overall rating of 3.1 (out of a full score of 5.0), principally on the strength of its Governance rating (Environmental rating of 2.0; Social 3.0; Governance 4.7). Nevertheless, Velesto has its work cut out for it, especially on the Environmental front, where it has been rated lowly by FTSE Russell. Velesto has not set any carbon emission targets, nor does it have any renewable energy assets that can help generate carbon offsets. It also does not yet have a plan of action or roadmap to reduce the carbon emissions from its operations. We look forward to further disclosures and developments in this area.

Keep your eye on

One of Velesto's seven JU rigs, the Naga 7, sank offshore Sarawak on 3 May 2021 while positioning itself on the seabed in preparation to drill. Fortunately, this incident did not result in loss of life, and all crew members were evacuated safely.

Implications

No element of blame or responsibility has been attributed to Velesto, and it has been successful in its insurance claims. Velesto has also not lost potential drilling jobs because of the sinking incident.

ESG highlights

Velesto disclosed that its operations emitted 62,860 tonnes of CO2-equivalent (CO2-e) Scope 1 and Scope 2 emissions in 2020, which was 11% lower yoy. However, when juxtaposed against the 20% fall in rig employment days, with emissions per day of rig employment rose 11% yoy in 2020. The emissions per drilling day metric rose because 35% of available rig days were unemployed in 2020 (vs. just 20% in 2019). The fall in rig utilisation negatively affects the emissions per drilling day metric, as the unemployed rigs are kept on hot layup while waiting for work, and so diesel consumption continues.

However, Velesto's emissions track record in 2019 was not favourable either. CO2-e emissions rose 17% yoy in 2019, which outpaced the 11% rise in rig employment days, resulting in a 5% rise in emissions per drilling day.

Implications

Velesto has not yet established any short- or long-term targets for emissions reduction. Any emissions reduction measures will have to address the volume of diesel consumed by its drilling rigs, which are driven by five diesel-powered generators on each rig.

Each rig has a rig power management system (RPMS) that is able to detect when the rig equipment requires a lower power load and, with that, automatically shuts down or revs the engine(s) down. This enables more efficient use of energy for drilling activities. Velesto did not disclose if it is exploring additional measures to increase fuel efficiency.

However, Velesto did mention in its 2020 Sustainability Report that it will explore the use of lower-carbon fuels. We presume that Velesto is referring to the B7 biodiesel blend (containing 7% palm oil methyl ester) that has been mandated by the Malaysian government for use in industry since Jul 2019.

Trends

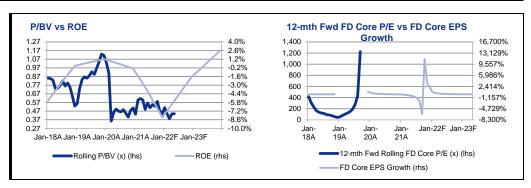
We expect fossil fuel consumption in Asia to continue growing in the 2020s and into the 2030s, but may plateau and slowly decline from the 2040s onwards as a result of the gathering pace of energy transition. This raises the issue of whether Velesto's existing JU drilling rigs will be obsolete, and also if Velesto will be able to thrive in the post-fossil fuel era.

Implications

Assuming 30-year JU useful lives, Velesto's oldest JU (the Naga 2) will reach the end of its useful life in 2039F, while its youngest JU (the Naga 8) will reach the end of its useful life in 2045F. As such, we do not expect that Velesto's existing assets will face issues of obsolescence in the foreseeable future. However, we are unsure if Velesto will have the financial capacity to future-proof itself and reinvent itself in light of the energy transition.



BY THE NUMBERS



(RMm)	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Total Net Revenues	546.9	377.5	420.1	519.0	509.8
Gross Profit	273.4	14.5	135.8	235.5	237.0
Operating EBITDA	273.4	14.5	135.8	235.5	237.0
Depreciation And Amortisation	(220.0)	(157.0)	(147.5)	(142.9)	(142.5)
Operating EBIT	53.4	(142.5)	(11.6)	92.5	94.5
Financial Income/(Expense)	(57.5)	(39.0)	(30.1)	(26.9)	(23.3)
Pretax Income/(Loss) from Assoc.	0.2	0.2	0.5	0.5	0.5
Non-Operating Income/(Expense)	10.1	4.3	3.0	3.0	3.0
Profit Before Tax (pre-EI)	6.3	(177.1)	(38.3)	69.1	74.7
Exceptional Items	(483.3)	94.9	0.0	0.0	0.0
Pre-tax Profit	(477.0)	(82.2)	(38.3)	69.1	74.7
Taxation	(14.8)	(8.6)	(0.1)	(9.4)	(10.2)
Exceptional Income - post-tax					
Profit After Tax	(491.7)	(90.8)	(38.4)	59.7	64.5
Minority Interests	0.0	0.0	0.0	0.0	0.0
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	(491.7)	(90.8)	(38.4)	59.7	64.5
Recurring Net Profit	(8.5)	(185.7)	(38.4)	59.7	64.5
Fully Diluted Recurring Net Profit	(8.5)	(185.7)	(38.4)	59.7	64.5

Cash Flow					
(RMm)	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
EBITDA	273.4	14.5	135.8	235.5	237.0
Cash Flow from Invt. & Assoc.					
Change In Working Capital	73.4	(33.4)	(3.0)	(46.4)	6.7
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense	756.2	103.8	150.6	142.4	142.0
Other Operating Cashflow	(692.9)	(57.7)	(144.0)	(139.4)	(139.0)
Net Interest (Paid)/Received	(51.0)	(33.1)	(30.1)	(26.9)	(23.3)
Tax Paid	(12.3)	(20.6)	(0.1)	(9.4)	(10.2)
Cashflow From Operations	346.7	(26.5)	109.2	155.8	213.1
Capex	(55.3)	(82.1)	(45.2)	(75.3)	(135.5)
Disposals Of FAs/subsidiaries	0.1	78.3	0.0	0.0	0.0
Acq. Of Subsidiaries/investments	0.0	0.0	0.0	0.0	0.0
Other Investing Cashflow	26.5	561.8	0.0	0.0	0.0
Cash Flow From Investing	(28.7)	558.1	(45.2)	(75.3)	(135.5)
Debt Raised/(repaid)	(239.5)	(518.4)	(102.5)	(43.4)	(64.9)
Proceeds From Issue Of Shares	0.0	0.0	0.0	0.0	0.0
Shares Repurchased					
Dividends Paid	0.0	0.0	0.0	0.0	0.0
Preferred Dividends					
Other Financing Cashflow					
Cash Flow From Financing	(239.5)	(518.4)	(102.5)	(43.4)	(64.9)
Total Cash Generated	78.5	13.2	(38.4)	37.1	12.7
Free Cashflow To Equity	78.5	13.2	(38.4)	37.1	12.7
Free Cashflow To Firm	375.9	566.9	95.6	108.8	102.4



BY THE NUMBERS... cont'd

Balance Sheet					
(RMm)	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Total Cash And Equivalents	359	294	255	292	305
Total Debtors	145	178	198	244	240
Inventories	202	174	136	136	130
Total Other Current Assets	21	56	56	56	56
Total Current Assets	727	700	644	728	731
Fixed Assets	2,726	2,303	2,201	2,133	2,126
Total Investments	2	1	2	2	3
Intangible Assets	0	0	0	0	0
Total Other Non-Current Assets	0	0	0	0	0
Total Non-current Assets	2,728	2,304	2,202	2,135	2,129
Short-term Debt	183	280	47	69	95
Current Portion of Long-Term Debt					
Total Creditors	94	95	74	74	71
Other Current Liabilities	31	64	64	64	64
Total Current Liabilities	307	439	185	207	230
Total Long-term Debt	871	302	432	367	277
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	6	6	0	0	0
Total Non-current Liabilities	877	308	432	367	277
Total Provisions	0	0	0	0	0
Total Liabilities	1,184	746	618	574	506
Shareholders' Equity	2,270	2,258	2,229	2,289	2,353
Minority Interests	1	0	0	0	0
Total Equity	2,271	2,258	2,229	2,289	2,353

Key Ratios					
	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Revenue Growth	(18.5%)	(31.0%)	11.3%	23.6%	(1.8%)
Operating EBITDA Growth	(12%)	(95%)	838%	73%	1%
Operating EBITDA Margin	50.0%	3.8%	32.3%	45.4%	46.5%
Net Cash Per Share (RM)	(0.085)	(0.035)	(0.027)	(0.018)	(0.008)
BVPS (RM)	0.28	0.27	0.27	0.28	0.29
Gross Interest Cover	0.83	-3.58	-0.37	3.27	3.81
Effective Tax Rate	0.0%	0.0%	0.0%	13.6%	13.7%
Net Dividend Payout Ratio	NA	NA	NA	NA	NA
Accounts Receivables Days	142.8	156.2	163.0	155.3	173.7
Inventory Days	260.5	188.8	198.6	174.7	178.4
Accounts Payables Days	142.2	94.9	108.6	95.5	97.5
ROIC (%)	1.07%	(3.60%)	(0.34%)	2.83%	2.92%
ROCE (%)	1.63%	(4.60%)	(0.37%)	3.46%	3.52%
Return On Average Assets	0.90%	(4.84%)	(0.54%)	2.80%	2.86%

Key Drivers					
	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Number of drilling rigs	7.0	6.0	6.0	6.0	6.0
Utilisation rate (%)	66.0%	0.0%	57.0%	70.0%	70.0%
Average daily charter rate (US\$/day)	71,207.3	72,305.1	74,261.5	74,857.1	72,712.3



DISCLAIMER

The content of this report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by and belongs to CGS-CIMB. Reports relating to a specific geographical area are produced and distributed by the corresponding CGS-CIMB entity as listed in the table below.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.

By accepting this report, the recipient hereof represents and warrants that he is entitled to receive such report in accordance with the restrictions set forth below and agrees to be bound by the limitations contained herein (including the "Restrictions on Distributions" set out below). Any failure to comply with these limitations may constitute a violation of law. This publication is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of CGS-CIMB.

The information contained in this research report is prepared from data believed to be correct and reliable at the time of issue of this report. CGS-CIMB may or may not issue regular reports on the subject matter of this report at any frequency and may cease to do so or change the periodicity of reports at any time. CGS-CIMB has no obligation to update this report in the event of a material change to the information contained in this report. CGS-CIMB does not accept any obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant, (ii) ensure that the content of this report constitutes all the information a prospective investor may require, (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, CGS-CIMB, its affiliates and related persons including China Galaxy International Financial Holdings Limited ("CGIFHL") and CIMB Group Sdn. Bhd. ("CIMBG") and their respective related corporations (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof. In particular, CGS-CIMB disclaims all responsibility and liability for the views and opinions set out in this report.

Unless otherwise specified, this report is based upon sources which CGS-CIMB considers to be reasonable. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research.

Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of CGS-CIMB or any of its affiliates (including CGIFHL, CIMBG and their respective related corporations) to any person to buy or sell any investments.

CGS-CIMB, its affiliates and related corporations (including CGIFHL, CIMBG and their respective related corporations) and/or their respective directors, associates, connected parties and/or employees may own or have positions in securities of the company(ies) covered in this research report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities. Further, CGS-CIMB, its affiliates and their respective related corporations (including CGIFHL, CIMBG and their respective related corporations) do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in securities of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

CGS-CIMB or its affiliates (including CGIFHL, CIMBG and their respective related corporations) may enter into an agreement with the company(ies) covered in this report relating to the production of research reports. CGS-CIMB may disclose the contents of this report to the company(ies) covered by it and may have amended the contents of this report following such disclosure.

The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report. The analyst(s) who prepared this research report is prohibited from receiving any compensation, incentive or bonus based on specific investment banking transactions or for providing a specific recommendation for, or view of, a particular company. Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations and the research personnel involved in the preparation of this report may also participate in the solicitation of the businesses as described above. In reviewing this research report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request.

Reports relating to a specific geographical area are produced by the corresponding CGS-CIMB entity as listed in the table below. The term "CGS-CIMB" shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case except as otherwise stated herein, CGS-CIMB Securities International Pte. Ltd. and its affiliates, subsidiaries and related corporations.



Country	CGS-CIMB Entity	Regulated by
Hong Kong	CGS-CIMB Securities (Hong Kong) Limited	Securities and Futures Commission Hong Kong
India	CGS-CIMB Securities (India) Private Limited	Securities and Exchange Board of India (SEBI)
Indonesia	PT CGS-CIMB Sekuritas Indonesia	Financial Services Authority of Indonesia
Malaysia	CGS-CIMB Securities Sdn. Bhd.	Securities Commission Malaysia
Singapore	CGS-CIMB Securities (Singapore) Pte. Ltd.	Monetary Authority of Singapore
South Korea	CGS-CIMB Securities (Hong Kong) Limited, Korea Branch	Financial Services Commission and Financial Supervisory Service
Thailand	CGS-CIMB Securities (Thailand) Co. Ltd.	Securities and Exchange Commission Thailand

Other Significant Financial Interests:

- (i) As of April 30, 2022 CGS-CIMB has a proprietary position in the securities (which may include but not be limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:
- (a) ·
- (ii) Analyst Disclosure: As of May 26, 2022, the analyst(s) who prepared this report, and the associate(s), has / have an interest in the securities (which may include but not be limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:
- (a) ·

This report does not purport to contain all the information that a prospective investor may require. Neither CGS-CIMB nor any of its affiliates (including CGIFHL, CIMBG and their related corporations) make any guarantee, representation or warranty, express or implied, as to the adequacy, accuracy, completeness, reliability or fairness of any such information and opinion contained in this report. Neither CGS-CIMB nor any of its affiliates nor their related persons (including CGIFHL, CIMBG and their related corporations) shall be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

This report is general in nature and has been prepared for information purposes only. It is intended for circulation amongst CGS-CIMB's clients generally and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. The information and opinions in this report are not and should not be construed or considered as an offer, recommendation or solicitation to buy or sell the subject securities, related investments or other financial instruments or any derivative instrument, or any rights pertaining thereto. Investors are advised to make their own independent evaluation of the information contained in this research report, consider their own individual investment objectives, financial situation and particular needs and consult their own professional and financial advisers as to the legal, business, financial, tax and other aspects before participating in any transaction in respect of the securities of company(ies) covered in this research report. The securities of such company(ies) may not be eligible for sale in all jurisdictions or to all categories of investors.

Restrictions on Distributions

Australia: Despite anything in this report to the contrary, this research is provided in Australia by CGS-CIMB Securities (Singapore) Pte. Ltd. and CGS-CIMB Securities (Hong Kong) Limited. This research is only available in Australia to persons who are "wholesale clients" (within the meaning of the Corporations Act 2001 (Cth) and is supplied solely for the use of such wholesale clients and shall not be distributed or passed on to any other person. You represent and warrant that if you are in Australia, you are a "wholesale client". This research is of a general nature only and has been prepared without taking into account the objectives, financial situation or needs of the individual recipient. CGS-CIMB Securities (Singapore) Pte. Ltd. and CGS-CIMB Securities (Hong Kong) Limited do not hold, and are not required to hold an Australian financial services license. CGS-CIMB Securities (Singapore) Pte. Ltd. and CGS-CIMB Securities (Hong Kong) Limited rely on "passporting" exemptions for entities appropriately licensed by the Monetary Authority of Singapore (under ASIC Class Order 03/1102) and the Securities and Futures Commission in Hong Kong (under ASIC Class Order 03/1103).

Canada: This research report has not been prepared in accordance with the disclosure requirements of Dealer Member Rule 3400 – Research Restrictions and Disclosure Requirements of the Investment Industry Regulatory Organization of Canada. For any research report distributed by CIBC, further disclosures related to CIBC conflicts of interest can be found at https://researchcentral.cibcwm.com.

China: For the purpose of this report, the People's Republic of China ("PRC") does not include the Hong Kong Special Administrative Region, the Macau Special Administrative Region or Taiwan. The distributor of this report has not been approved or licensed by the China Securities Regulatory Commission or any other relevant regulatory authority or governmental agency in the PRC. This report contains only marketing information. The distribution of this report is not an offer to buy or sell to any person within or outside PRC or a solicitation to any person within or outside of PRC to buy or sell any instruments described herein. This report is being issued outside the PRC to a limited number of institutional investors and may not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose.

France: Only qualified investors within the meaning of French law shall have access to this report. This report shall not be considered as an offer to subscribe to, or used in connection with, any offer for subscription or sale or marketing or direct or indirect distribution of financial instruments and it is not intended as a solicitation for the purchase of any financial instrument.

Germany: This report is only directed at persons who are professional investors as defined in sec 31a(2) of the German Securities Trading Act (WpHG). This publication constitutes research of a non-binding nature on the market situation and the investment instruments cited here at the time of the publication of the information.

The current prices/yields in this issue are based upon closing prices from Bloomberg as of the day preceding publication. Please note that neither the German Federal Financial Supervisory Agency (BaFin), nor any other supervisory authority exercises any control over the content of this report.

Hong Kong: This report is issued and distributed in Hong Kong by CGS-CIMB Securities (Hong Kong) Limited ("CHK") which is licensed in Hong Kong by the Securities and Futures Commission for Type 1 (dealing in securities) and Type 4 (advising on securities) activities. Any investors wishing to purchase or otherwise deal in the securities covered in this report should contact the Head of Sales at CGS-CIMB Securities (Hong Kong) Limited. The views and opinions in this research report are our own as of the date hereof and are subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected.



CHK has no obligation to update its opinion or the information in this research report.

This publication is strictly confidential and is for private circulation only to clients of CHK.

CHK does not make a market on other securities mentioned in the report.

India: This report is issued and distributed in India by CGS-CIMB Securities (India) Private Limited ("CGS-CIMB India"). CGS-CIMB India is a subsidiary of CGS-CIMB Securities International Pte. Ltd. which is in turn is a 50:50 joint venture company of CGIFHL and CIMBG. The details of the members of the group of companies of CGS-CIMB can be found at www.cgs-cimb.com, CGIFHL at www.chinastock.com.hk/en/ACG/ContactUs/index.aspx and CIMBG at www.cimb.com/en/who-we-are.html. CGS-CIMB India is registered with the National Stock Exchange of India Limited and BSE Limited as a trading and clearing member (Merchant Banking Number: INM000012037) under the Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) Regulations, 1992. In accordance with the provisions of Regulation 4(g) of the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013, CGS-CIMB India is not required to seek registration with the Securities and Exchange Board of India ("SEBI") as an Investment Adviser. CGS-CIMB India is registered with SEBI (SEBI Registration Number: INZ000209135) as a Research Analyst (INH000000669) pursuant to the SEBI (Research Analysts) Regulations, 2014 ("Regulations").

This report does not take into account the particular investment objectives, financial situations, or needs of the recipients. It is not intended for and does not deal with prohibitions on investment due to law/jurisdiction issues etc. which may exist for certain persons/entities. Recipients should rely on their own investigations and take their own professional advice before investment.

The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of CGS-CIMB India and they have received compensation based upon various factors, including quality, accuracy and value of research, firm profitability or revenues, client feedback and competitive factors. Research analysts', strategists' or economists' compensation is not linked to investment banking or capital markets transactions performed or proposed to be performed by CGS-CIMB India or its affiliates.

CGS-CIMB India does not have actual / beneficial ownership of 1% or more securities of the subject company in this research report, at the end of the month immediately preceding the date of publication of this research report. However, since affiliates of CGS-CIMB India are engaged in the financial services business, they might have in their normal course of business financial interests or actual / beneficial ownership of one per cent or more in various companies including the subject company in this research report.

CGS-CIMB India or its associates, may: (a) from time to time, have long or short position in, and buy or sell the securities of the subject company in this research report; or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company in this research report or act as an advisor or lender/borrower to such company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

CGS-CIMB India, its associates and the analyst engaged in preparation of this research report have not received any compensation for investment banking, merchant banking or brokerage services from the subject company mentioned in the research report in the past 12 months.

CGS-CIMB India, its associates and the analyst engaged in preparation of this research report have not managed or co-managed public offering of securities for the subject company mentioned in the research report in the past 12 months. The analyst from CGS-CIMB India engaged in preparation of this research report or his/her relative (a) do not have any financial interests in the subject company mentioned in this research report; (b) do not own 1% or more of the equity securities of the subject company mentioned in the research report as of the last day of the month preceding the publication of the research report; (c) do not have any material conflict of interest at the time of publication of the research report.

Indonesia: This report is issued and distributed by PT CGS-CIMB Sekuritas Indonesia ("CGS-CIMB Indonesia"). The views and opinions in this research report are our own as of the date hereof and are subject to change. CGS-CIMB Indonesia has no obligation to update its opinion or the information in this research report. This report is for private circulation only to clients of CGS-CIMB Indonesia. Neither this report nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable Indonesian capital market laws and regulations.

This research report is not an offer of securities in Indonesia. The securities referred to in this research report have not been registered with the Financial Services Authority (Otoritas Jasa Keuangan) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market law and regulations.

Ireland: CGS-CIMB is not an investment firm authorised in the Republic of Ireland and no part of this document should be construed as CGS-CIMB acting as, or otherwise claiming or representing to be, an investment firm authorised in the Republic of Ireland.

Malaysia: This report is distributed in Malaysia by CGS-CIMB Securities Sdn. Bhd. ("CGS-CIMB Malaysia") solely for the benefit of and for the exclusive use of our clients. Recipients of this report are to contact CGS-CIMB Malaysia, at Level 29, Menara Bumiputra-Commerce, No. 11, Jalan Raja Laut, 50350 Kuala Lumpur, Malaysia, in respect of any matters arising from or in connection with this report. CGS-CIMB Malaysia has no obligation to update, revise or reaffirm its opinion or the information in this research reports after the date of this report.

New Zealand: In New Zealand, this report is for distribution only to persons who are wholesale clients pursuant to section 5C of the Financial Advisers Act 2008.

Singapore: This report is issued and distributed by CGS-CIMB Securities (Singapore) Pte Ltd ("CGS-CIMB Singapore"). CGS-CIMB Singapore is a capital markets services licensee under the Securities and Futures Act (Chapter 289). Accordingly, it is exempted from the requirement to hold a financial adviser's licence under the Financial Advisers Act, Cap 110 ("FAA") for advising on investment products, by issuing or promulgating research analyses or research reports, whether in electronic, print or other form. CGS-CIMB Singapore is subject to the applicable rules under the FAA unless it is able to avail itself to any prescribed exemptions.

Recipients of this report are to contact CGS-CIMB Singapore, 10 Marina Boulevard, Marina Bay Financial Centre Tower 2, #09-01, Singapore 018983 in respect of any matters arising from, or in connection with this report. CGS-CIMB Singapore has no obligation to update its opinion or the information



in this research report. This publication is strictly confidential and is for private circulation only. If you have not been sent this report by CGS-CIMB Singapore directly, you may not rely, use or disclose to anyone else this report or its contents.

If the recipient of this research report is not an accredited investor, expert investor or institutional investor, CGS-CIMB Singapore accepts legal responsibility for the contents of the report without any disclaimer limiting or otherwise curtailing such legal responsibility. If the recipient is an accredited investor, expert investor or institutional investor, the recipient is deemed to acknowledge that CGS-CIMB Singapore is exempt from certain requirements under the FAA and its attendant regulations, and as such, is exempt from complying with the following:

- (a) Section 25 of the FAA (obligation to disclose product information);
- (b) Section 27 (duty not to make recommendation with respect to any investment product without having a reasonable basis where you may be reasonably expected to rely on the recommendation) of the FAA;
- (c) MAS Notice on Information to Clients and Product Information Disclosure [Notice No. FAA-N03];
- (d) MAS Notice on Recommendation on Investment Products [Notice No. FAA-N16];
- (e) Section 36 (obligation on disclosure of interest in specified products), and
- (f) any other laws, regulations, notices, directive, guidelines, circulars and practice notes which are relates to the above, to the extent permitted by applicable laws, as may be amended from time to time, and any other laws, regulations, notices, directive, guidelines, circulars, and practice notes as we may notify you from time to time. In addition, the recipient who is an accredited investor, expert investor or institutional investor acknowledges that as CGS-CIMB Singapore is exempt from Section 27 of the FAA, the recipient will also not be able to file a civil claim against CGS-CIMB Singapore for any loss or damage arising from the recipient's reliance on any recommendation made by CGS-CIMB Singapore which would otherwise be a right that is available to the recipient under Section 27 of the FAA.

CGS-CIMB Singapore, its affiliates and related corporations, their directors, associates, connected parties and/or employees may own or have positions in specified products of the company(ies) covered in this research report or any specified products related thereto and may from time to time add to or dispose of, or may be materially interested in, any such specified products. Further, CGS-CIMB Singapore, its affiliates and its related corporations do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in specified products of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

As of May 25, 2022, CGS-CIMB Singapore does not have a proprietary position in the recommended specified products in this report.

CGS-CIMB Singapore does not make a market on the securities mentioned in the report.

South Korea: This report is issued and distributed in South Korea by CGS-CIMB Securities (Hong Kong) Limited, Korea Branch ("CGS-CIMB Korea") which is licensed as a cash equity broker, and regulated by the Financial Services Commission and Financial Supervisory Service of Korea. In South Korea, this report is for distribution only to professional investors under Article 9(5) of the Financial Investment Services and Capital Market Act of Korea ("FSCMA").

Spain: This document is a research report and it is addressed to institutional investors only. The research report is of a general nature and not personalised and does not constitute investment advice so, as the case may be, the recipient must seek proper advice before adopting any investment decision. This document does not constitute a public offering of securities.

CGS-CIMB is not registered with the Spanish Comision Nacional del Mercado de Valores to provide investment services.

Sweden: This report contains only marketing information and has not been approved by the Swedish Financial Supervisory Authority. The distribution of this report is not an offer to sell to any person in Sweden or a solicitation to any person in Sweden to buy any instruments described herein and may not be forwarded to the public in Sweden.

Switzerland: This report has not been prepared in accordance with the recognized self-regulatory minimal standards for research reports of banks issued by the Swiss Bankers' Association (Directives on the Independence of Financial Research).

Thailand: This report is issued and distributed by CGS-CIMB Securities (Thailand) Co. Ltd. ("CGS-CIMB Thailand") based upon sources believed to be reliable (but their accuracy, completeness or correctness is not guaranteed). The statements or expressions of opinion herein were arrived at after due and careful consideration for use as information for investment. Such opinions are subject to change without notice and CGS-CIMB Thailand has no obligation to update its opinion or the information in this research report.

CGS-CIMB Thailand may act or acts as Market Maker, and issuer and offeror of Derivative Warrants and Structured Note which may have the following securities as its underlying securities. Investors should carefully read and study the details of the derivative warrants in the prospectus before making investment decisions.

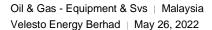
AAV, ACE, ADVANC, AEONTS, AMATA, AOT, AP, BAM, BANPU, BBL, BCH, BCP, BCPG, BDMS, BEC, BEM, BGRIM, BH, BJC, BTS, CBG, CENTEL, CHG, CK, CKP, COM7, CPALL, CPF, CPN, CRC, DELTA, DOHOME, DTAC, EA, EGCO, ESSO, GLOBAL, GPSC, GULF, GUNKUL, HANA, HMPRO, ICHI, INTUCH, IRPC, IVL, JAS, JMART, JMT, KBANK, KCE, KKP, KTB, KTC, LH, MAJOR, MEGA, MINT, MTC, NRF, OR, ORI, OSP, PLANB, PRM, PSL, PTG, PTL, PTT, PTTEP, PTTGC, QH, RATCH, RBF, RS, SAWAD, SCB, SCC, SCGP, SINGER, SPALI, SPRC, STA, STEC, STGT, SUPER, SYNEX, TASCO, TCAP, THANI, TISCO, TKN, TOP, TQM, TRUE, TTB, TU, TVO, VGI, WHA

Corporate Governance Report:

The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. CGS-CIMB Thailand does not confirm nor certify the accuracy of such survey result.

Score Range:	90 - 100	80 – 89	70 - 79	Below 70	No Survey Result
Description:	Excellent	Very Good	Good	N/A	N/A





United Arab Emirates: The distributor of this report has not been approved or licensed by the UAE Central Bank or any other relevant licensing authorities or governmental agencies in the United Arab Emirates. This report is strictly private and confidential and has not been reviewed by, deposited or registered with UAE Central Bank or any other licensing authority or governmental agencies in the United Arab Emirates. This report is being issued outside the United Arab Emirates to a limited number of institutional investors and must not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose. Further, the information contained in this report is not intended to lead to the sale of investments under any subscription agreement or the conclusion of any other contract of whatsoever nature within the territory of the United Arab Emirates.

United Kingdom and European Economic Area (EEA): In the United Kingdom and European Economic Area, this material is also being distributed by CGS-CIMB Securities (UK) Limited ("CGS-CIMB UK"). CGS-CIMB UK is authorized and regulated by the Financial Conduct Authority and its registered office is at 53 New Broad Street, London EC2M 1JJ. The material distributed by CGS-CIMB UK has been prepared in accordance with CGS-CIMB's policies for managing conflicts of interest arising as a result of publication and distribution of this material. This material is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of CGS-CIMB UK; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Order"), (c) fall within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc") of the Order; (d) are outside the United Kingdom subject to relevant regulation in each jurisdiction, material(all such persons together being referred to as "relevant persons"). This material is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

This material is categorised as non-independent for the purposes of CGS-CIMB UK and therefore does not provide an impartial or objective assessment of the subject matter and does not constitute independent research. Consequently, this material has not been prepared in accordance with legal requirements designed to promote the independence of research and will not be subject to any prohibition on dealing ahead of the dissemination of research. Therefore, this material is considered a marketing communication.

United States: This research report is distributed in the United States of America by CGS-CIMB Securities (USA) Inc, a U.S. registered broker-dealer and an affiliate of CGS-CIMB Securities Sdn. Bhd., CGS-CIMB Securities (Singapore) Pte Ltd, PT CGS-CIMB Sekuritas Indonesia, CGS-CIMB Securities (Thailand) Co. Ltd, CGS-CIMB Securities (Hong Kong) Limited and CGS-CIMB Securities (India) Private Limited, and is distributed solely to persons who qualify as "U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934. This communication is only for Institutional Investors whose ordinary business activities involve investing in shares, bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. CGS-CIMB Securities (USA) Inc, is a FINRA/SIPC member and takes responsibility for the content of this report. For further information or to place an order in any of the above-mentioned securities please contact a registered representative of CGS-CIMB Securities (USA) Inc.

CGS-CIMB Securities (USA) Inc. does not make a market on other securities mentioned in the report.

CGS-CIMB Securities (USA) Inc. has not managed or co-managed a public offering of any of the securities mentioned in the past 12 months.

CGS-CIMB Securities (USA) Inc. has not received compensation for investment banking services from any of the company mentioned in the past 12 months.

CGS-CIMB Securities (USA) Inc. neither expects to receive nor intends to seek compensation for investment banking services from any of the company mentioned within the next 3 months.

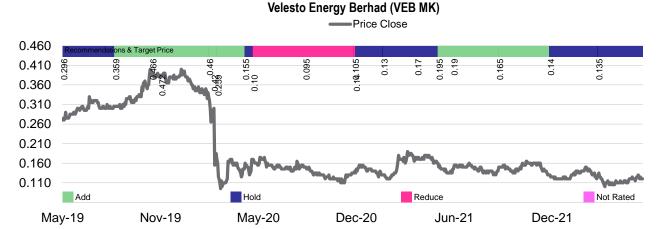
United States Third-Party Disclaimer: If this report is distributed in the United States of America by Raymond James & Associates, Inc ("RJA"), this report is third-party research prepared for and distributed in the United States of America by RJA pursuant to an arrangement between RJA and CGS-CIMB Securities International Pte. Ltd. ("CGS-CIMB"). CGS-CIMB is not an affiliate of RJA. This report is distributed solely to persons who qualify as "U.S. Institutional Investors" or as "Major U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934, as amended. This communication is only for U.S. Institutional Investors or Major U.S. Institutional Investor whose ordinary business activities involve investing in shares, bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major U.S. Institutional Investor must not rely on this communication. The delivery of this report to any person in the U.S. is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. If you are receiving this report in the U.S from RJA, a FINRA/SIPC member, it takes responsibility for the content of this report. For further information or to place an order in any of the above-mentioned securities please contact a registered representative of CGS-CIMB Securities (USA) Inc. or RJA. https://raymondjames.com/InternationalEquityDisclosures

Other jurisdictions: In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is only for distribution to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

Distribution of stock ratings and investment banking clients for quarter ended on 31 March 2022					
632 companies under coverage for quarter ended on 31 March 2022					
	Rating Distribution (%)	Investment Banking clients (%)			
Add	70.3%	0.8%			
Hold	22.0%	0.0%			
Reduce	7.8%	0.2%			



Spitzer Chart for stock being researched (2 year data)



Corporate Governance Report of Thai Listed Companies (CGR). CG Rating by the Thai Institute of Directors Association (Thai IOD) in 2021, Anti-Corruption 2021

ADVANC - Excellent, Certified, AMATA - Excellent, Certified, ANAN - Excellent, n/a, AOT - Excellent, n/a, AP - Excellent, Certified, ASP - Excellent, n/a, AWC - Excellent, Declared, AU - Good, n/a, BAM - Very Good, Certified, BAY - Excellent, Certified, BBL - Excellent, Certified, BCH - Very Good, Certified, BCP - Excellent, Certified, BCPG - Excellent, Certified, BDMS - Excellent, n/a, BEAUTY - Good, n/a, BEM - Excellent, n/a BH -Good, n/a, BJC - Very Good, n/a, BLA - Very Good, Certified, BTS - Excellent, Certified, CBG - Very Good, n/a, CCET - n/a, n/a, CENTEL -Excellent, Certified, CHAYO - Very Good, n/a, CHG - Very Good, n/a, CK - Excellent, n/a, COM7 - Excellent, Certified, CPALL - Excellent, Certified, CPF - Excellent, Certified, CPN - Excellent, Certified, CPNREIT - n/a, n/a, CRC - Excellent, Declared, DELTA - Excellent, Certified, DDD - Excellent, n/a, DIF - n/a, n/a, DOHOME - Very Good, Declared, DREIT - n/a, n/a, DTAC - Excellent, Certified, ECL - Excellent, Certified, EGCO - Excellent, Certified, EPG - Excellent, Certified, ERW - Very Good, Certified, GFPT - Excellent, Certified, GGC - Excellent, Certified, GLOBAL - Excellent, n/a, HANA - Excellent, Certified, HMPRO - Excellent, Certified, HUMAN - Good, n/a, ICHI - Excellent, Certified, III - Excellent, Declared, INTUCH -Excellent, Certified, IRPC - Excellent, Certified, ITD - Very Good, n/a, IVL - Excellent, Certified, JASIF - n/a, n/a, JKN - n/a, Certified, JMT - Very Good, n/a, KBANK - Excellent, Certified, KCE - Excellent, Certified, KEX - Very Good, Declared, KKP - Excellent, Certified, KSL - Excellent, Certified, KTB - Excellent, Certified, KTC - Excellent, Certified, LH - Excellent, n/a, LPN - Excellent, Certified, M - Very Good, Certified, MAKRO - Excellent, Certified, MC - Excellent, Certified, MEGA - Very Good, n/a, MINT - Excellent, Certified, MTC - Excellent, Certified, NETBAY - Very Good, n/a, NRF - Very Good, Declared, OR - Excellent, n/a, ORI - Excellent, Certified, OSP - Excellent, n/a, PLANB - Excellent, Certified, PRINC - Very Good, Certified, PR9 - Excellent, Declared, PSH - Excellent, Certified, PTT - Excellent, Certified, PTTEP - Excellent, n/a, PTTGC - Excellent, Certified, QH Excellent, Certified, RAM - n/a, n/a, RBF - Very Good, n/a, RS - Excellent, Declared, RSP - Good, n/a, S - Excellent, n/a, SAK - Very Good. Declared, SAPPE - Very Good, Certified, SAWAD - Very Good, n/a, SCB - Excellent, Certified, SCC - Excellent, Certified, SCGP - Excellent, Declared, SECURE - n/a, n/a, SHR - Excellent, n/a, SIRI - Excellent, Certified, SPA - Very Good, n/a, SPALI - Excellent, Certified, SPRC - Excellent, Certified, SSP - Good, Certified, STEC - Excellent, n/a, SVI - Excellent, Certified, SYNEX - Very Good, Certified, TCAP - Excellent, Certified, THANI - Excellent, Certified, TIDLOR - n/a, Certified TISCO - Excellent, Certified, TKN - Very Good, n/a, TOP - Excellent, Certified, TRUE - Excellent, Certified, TTB - Excellent, Certified, TU - Excellent, Certified, TVO - Excellent, Certified, VGI - Excellent, Certified, WHA - Excellent, Certified, WHART - n/a, n/a, WICE - Excellent, Certified, WORK - Good, n/a.

- CG Score 2021 from Thai Institute of Directors Association (IOD)
- Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of August 5, 2021) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.

Recommendation Fram	ework
Stock Ratings	Definition:
Add	The stock's total return is expected to exceed 10% over the next 12 months.
Hold	The stock's total return is expected to be between 0% and positive 10% over the next 12 months.
Reduce	The stock's total return is expected to fall below 0% or more over the next 12 months.
	of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net ck. Stock price targets have an investment horizon of 12 months.
Sector Ratings	Definition:
Overweight	An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.
Neutral	A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.
Underweight	An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.
Country Ratings	Definition:
Overweight	An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.
Neutral	A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.
Underweight	An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.