

NOBLE DEVELOPMENT

THAILAND / PROPERTY DEVELOPMENT

NOBLE TB

REDUCE

FROM HOLD

TARGET PRICE	THB3.70
CLOSE	THB3.90
UP/DOWNSIDE	-5.1%
PRIOR TP	THB4.70
CHANGE IN TP	-21.3%
TP vs CONSENSUS	-

Lack of catalysts amid challenges

- We have increased our 2023E profit to THB983m (+116% y-y) but decreased our 2024-2025 profit growth estimate to -30% y-y and +12% y-y, respectively.
- We expect q-q and y-y 4Q23 profit losses and challenges in 2024 due to the dependence on inventory sales.
- We have rolled over to our 2024 TP of THB3.70. Even with that, NOBLE is trading above our TP.

3Q23 profit increased due to sales of two JV condos to PROUD

NOBLE's 3Q23 net profit came in at THB535m (+378% q-q, +289% y-y) due mainly to revenue and gain from the sales of two JV condos, with a combined project value of THB700m, to PROUD, including Nue Cross Khukot and Nue District R9. However, the operating performance remained weak, with transfers of only THB1.3b (+3% q-q, -16% y-y). Although NOBLE completed one new condo, transfers started late in the quarter, and the project was small. Also, the sentiment was sluggish due to political uncertainty. The gross margin decreased due to aggressive promotions to clear inventories. Finally, its JVs made a higher loss sharing due to expenses related to new project launches.

Increase our 2023E profit by 18% but decrease our 2024-2025 forecast by 13%

We expect q-q and y-y 4Q23 profit losses because NOBLE recorded extra items in 3Q23 from sales of JV projects and completed three new condos in 4Q22 but only one project, i.e., Nue Noble Fai Chai-Wanglang, in 4Q23. We have raised our 2023E profit by 18% to THB983m (+116% y-y) due to a higher-than-expected gain from sales of JV condos to PROUD and a recovery in 2Q-3Q23 property sales' gross margin. However, we have decreased our 2024-2025 estimate by 13% p.a. to THB688m (-30% y-y) and THB770m (+12% y-y), respectively, to reflect a cut in our estimated transfer and profit sharing from JVs following our cautious view.

Challenging 2024 with few completed condo plans and reliance on inventory sales

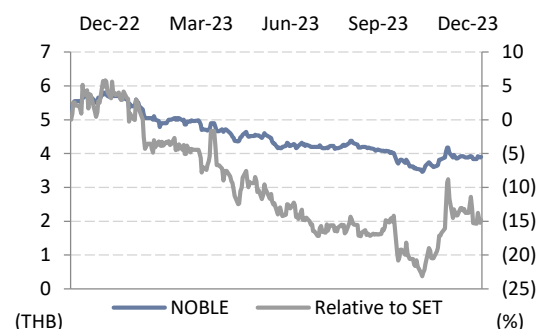
The 2024 performance should be lackluster. NOBLE plans to transfer only two new NOBLE and two new JV condos. Other than that, it relies on sales of inventories, which should stand at about THB10b. In this aspect, we anticipate price promotions to stimulate sales. It would pressure the gross margin to decrease amid a challenging property market from a slow purchasing power recovery, high interest rates, and banks' strict credit underwriting. Since Chinese buyers, crucial international customers in the past, have not signaled a recovery, NOBLE will focus on new markets, such as Myanmar and Taiwan. At the end of 3Q23, the backlog has already secured 42% of the 2024 transfer target. Also, NOBLE had a high IBD/E of 2.3x, higher than the sector's average of 1.2x but lower than its covenant of 2.5x. THB2.8b debentures will reach maturity next year. NOBLE plans to redeem some by issuing a new set of debentures late this year.

Roll over to our 2024 TP of THB3.70, but NOBLE already trades above our TP

We have rolled over to our 2024 TP of THB3.70. It assumes a PER of 7.4x, the sector's 2024 average PE. However, NOBLE already trades above our TP. Also, it lacks attractiveness due to its dull 4Q23 and 2024 profit outlook.

KEY STOCK DATA

YE Dec (THB m)	2022	2023E	2024E	2025E
Revenue	8,215	9,871	9,429	9,885
Net profit	455	983	688	770
EPS (THB)	0.33	0.72	0.50	0.56
vs Consensus (%)	-	51.6	(19.4)	(13.8)
EBITDA	1,161	1,962	1,488	1,585
Recurring net profit	298	720	688	770
Core EPS (THB)	0.22	0.53	0.50	0.56
Chg. In EPS est. (%)	-	65.4	(12.8)	(13.5)
EPS growth (%)	(55.6)	141.8	(4.5)	12.0
Core P/E (x)	17.9	7.4	7.8	6.9
Dividend yield (%)	5.1	9.2	6.4	7.2
EV/EBITDA (x)	14.9	8.9	12.2	11.5
Price/book (x)	0.9	0.8	0.8	0.7
Net debt/Equity (%)	200.4	188.9	189.3	179.9
ROE (%)	5.2	11.6	10.4	11.1



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(6.7)	(5.3)	(25.0)
Relative to country (%)	(6.1)	2.6	(13.7)
Mkt cap (USD m)	154		
3m avg. daily turnover (USD m)	0.1		
Free float (%)	51		
Major shareholder	Raffles Nominees (Pte) Limited (20%)		
12m high/low (THB)	5.90/3.46		
Issued shares (m)	1,369.41		

Sources: Bloomberg consensus; FSSIA estimates



Thanyatorn Songwutti

Fundamental Investment Analyst on Securities;

License no. 101203

thanyatorn.s@fssia.com, +66 2646 9963

Investment thesis

NOBLE is a leading residential developer in prime locations in Greater Bangkok. Its core business is property development, including single-detached homes, townhomes, low-rise condominiums, and high-rise condominiums under its two main brands, Noble and NUE. Its competitive strength is its strong overseas buyer market share. Domestically, NOBLE's projects accounted for 52% of all Bangkok condominiums sold in 2021.

It targets becoming a top-five property developer in Thailand via its key strategies: 1) the penetration of high-growth segments; 2) a more aggressive and sustainable investment portfolio; 3) strategic partnerships; and 4) overseas expansion.

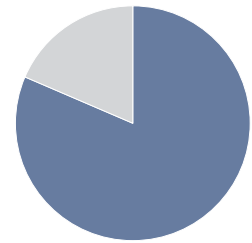
Company profile

Noble Development builds a wide range of residential projects from affordable to high-end, both low-rise and high-rise. In 2019, Noble and Hongkong Land entered into a joint venture agreement to develop high-rise condominiums in the luxury market segment to extend their businesses internationally.

www.noblehome.com

Principal activities (revenue, 2022)

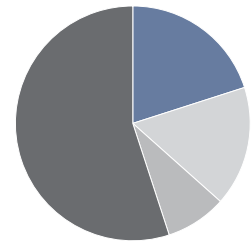
- Real estate - 81.5 %
- Rental & service - 18.5 %



Source: Noble Development

Major shareholders

- Raffles Nominees (Pte) Limited - 20.1 %
- Citibank Nominees Singapore Pte Ltd-Ubs Switzerland Ag - 16.5 %
- BTS Group Holdings PCL - 8.4 %
- Others - 55.0 %



Source: Noble Development

Catalysts

Key potential growth drivers include 1) the success of new launches; 2) more overseas customers; and 3) the monetisation of other projects via sales to investors.

Risks to our call

Downside risks to our P/E-based TP include 1) weaker-than-expected purchasing power; 2) cancellation of presales; 3) bank loan rejections; 4) delays in construction work and transfers; and 5) fierce competition. An upside risk would be 1) a stronger-than-expected presales; and 2) a sooner-than-expected overseas buyer recovery.

Event calendar

Date	Event
February 2024	4Q23 results announcement

Key assumptions

	2023E	2024E	2025E
Transfer revenue (THB m)	6,371	6,429	7,385
Service income (THB m)	3,500	3,000	2,500
Property GPM (%)	30.8	30.0	30.0
GPM (%)	25.6	25.2	26.2
SG&A to revenue (%)	16.4	17.7	18.3

Source: FSSIA estimates

Earnings sensitivity

- For every 5% increase in transfers, we estimate 2024 net profit to rise by 7%, and vice versa, all else being equal.
- For every 0.5% increase in property GPM, we estimate 2024 net profit to rise by 3.7%, and vice versa, all else being equal.
- For every 0.5% increase in SG&A to revenue, we estimate 2024 net profit to fall by 5.5%, and vice versa, all else being equal

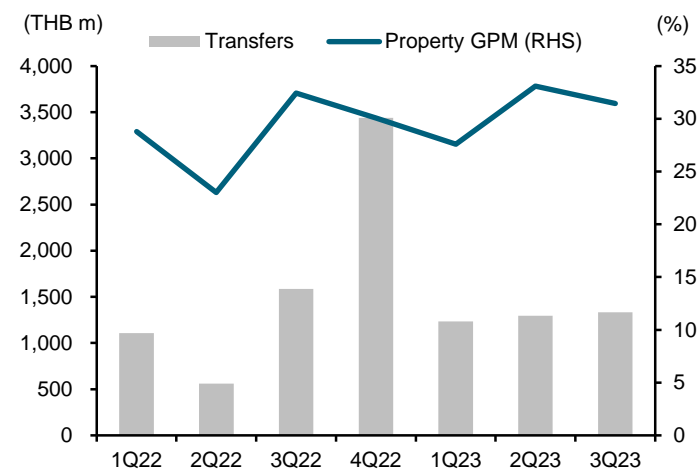
Source: FSSIA estimates

Exhibit 1: NOBLE – 3Q23 operations summary

	3Q22	4Q22	1Q23	2Q23	3Q23	Change	
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)
Total revenue	2,036	3,815	1,955	2,213	2,388	7.9	17.3
Gross profit	536	1,025	454	547	636	16.2	18.7
SG&A	376	574	350	371	381	2.6	1.2
Operating profit	160	450	104	176	256	44.8	60.0
Interest expense	87	107	120	119	115	(3.0)	33.1
Tax expense	46	97	32	22	167	642.1	266.4
Associates	(46)	(49)	(61)	(56)	(104)	na	na
Reported net profit	137	338	73	112	535	378.1	289.1
Normalised profit	139	328	71	108	277	155.9	99.9
Key ratios (%)						(ppt)	(ppt)
Gross margin	26.3	26.9	23.2	24.7	26.6	1.9	0.3
SG&A / Sales	18.5	15.1	17.9	16.8	15.9	(0.8)	(2.5)
Operating margin	7.8	11.8	5.3	8.0	10.7	2.7	2.9
Net profit margin	6.7	8.9	3.7	5.1	22.4	17.3	15.6
Normalised profit margin	6.8	8.6	3.6	4.9	11.6	6.7	4.8
Revenue breakdown							
Residential	1,585	3,440	1,233	1,294	1,333	3.0	(15.9)
Rental & services	451	375	722	919	1,055	14.8	134.0
Gross margin by business							
Residential	32.4	30.1	27.6	33.1	31.4	(1.7)	(1.0)
Rental & services	4.7	(2.7)	15.8	12.9	20.6	7.6	15.8

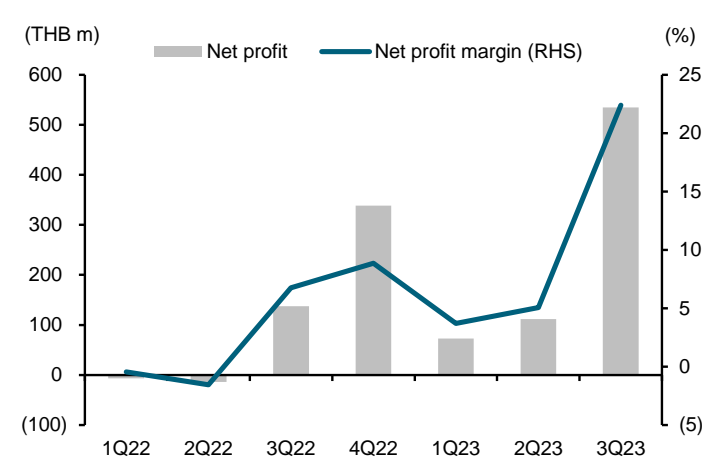
Sources: NOBLE; FSSIA's compilation

Exhibit 2: Quarterly transfers and property GPM



Sources: NOBLE; FSSIA's compilation

Exhibit 3: Quarterly core profit and normalised profit margin



Sources: NOBLE; FSSIA's compilation

Exhibit 4: New projects in 2023

No.	Project	Product	%	Total Value (MB)	Expected Launch	Expected Transfer	Remarks
1	Nue Core Khu Khot Station	CD Low Rise	50%	2,400	1Q'23	4Q'24	Launched
2	Nue Hybe Suksawat	Townhouse	50%	1,600	1Q'23	2Q'23	Launched
3	Noble Away Cha-Am	Land Plots	100%	300	3Q'23	3Q'23-1Q'24	Launched
4	Noble Terra Rama9-Ekamai	Single Detach House	100%	1,400	3Q'23	3Q'23	Launched
5	Noble Aqua Riverfront Ratburana	Single Detach House	50%	1,900	3Q'23	3Q'23	Launched
6	The Embassy Wireless	CD High Rise	26%	9,500	4Q'23	4Q'27	Launched
7	Nue Verse Krungthep Kreetha	Townhouse	100%	1,800	4Q'23	4Q'23	
8	Noble Norse Krungthep Kreetha	Single Detach House	100%	1,300	4Q'23	4Q'23	
Total Projects in 2023				20,200			

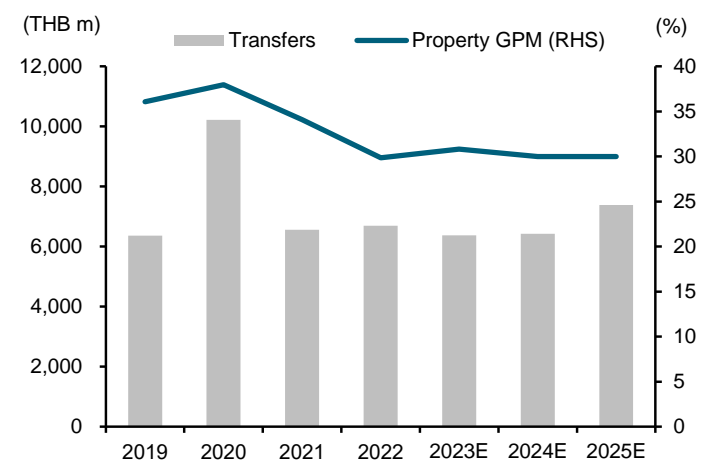
Source: NOBLE

Exhibit 5: Key assumptions for NOBLE

	Current			Previous			Change		
	2023E (THB m)	2024E (THB m)	2025E (THB m)	2023E (THB m)	2024E (THB m)	2025E (THB m)	2023E (%)	2024E (%)	2025E (%)
Total revenue (THB m)	9,871	9,429	9,885	9,777	10,660	10,620	1	(12)	(7)
- Transfers	6,371	6,429	7,385	6,777	7,660	8,620	(6)	(16)	(14)
- Management fees	3,500	3,000	2,500	3,000	3,000	2,000	17	0	25
Property gross margin (%)	30.8	30.0	30.0	28.5	29.0	29.0	2.3	1.0	1.0
Gross margin (%)	25.6	25.2	26.2	22.8	23.7	25.4	2.7	1.6	0.8
SG&A to revenue (%)	16.4	17.7	18.3	16.4	16.0	17.3	(0.0)	1.7	1.0
Interest expense (THB m)	468	481	492	461	470	471	1	2	4
Associates (THB m)	(307)	65	95	(96)	110	177	na	(41)	(46)
Core profit (THB m)	720	688	770	436	789	890	65	(13)	(13)
Net profit (THB m)	983	688	770	836	789	890	18	(13)	(13)

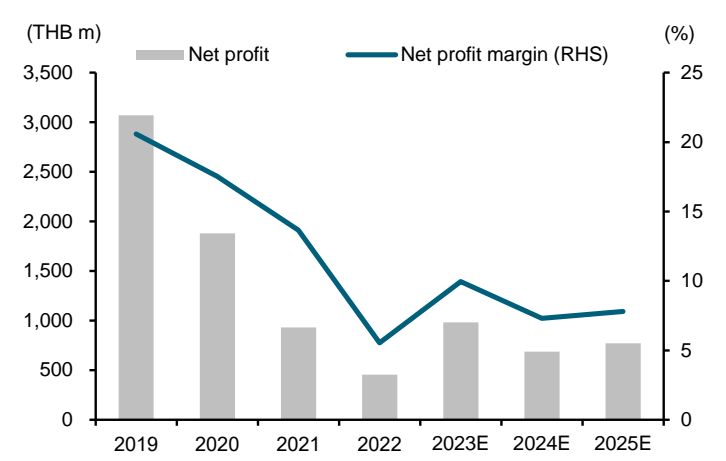
Source: FSSIA estimates

Exhibit 6: Yearly transfers and property GPM



Sources: NOBLE; FSSIA estimates

Exhibit 7: Yearly net profit and net profit margin

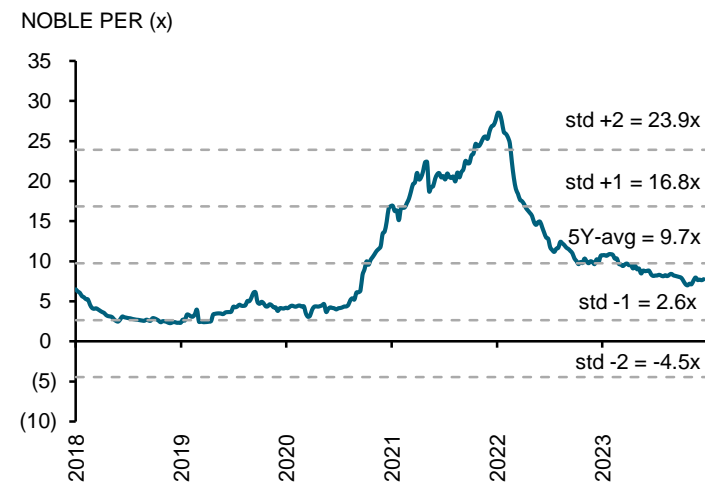


Sources: NOBLE; FSSIA estimates

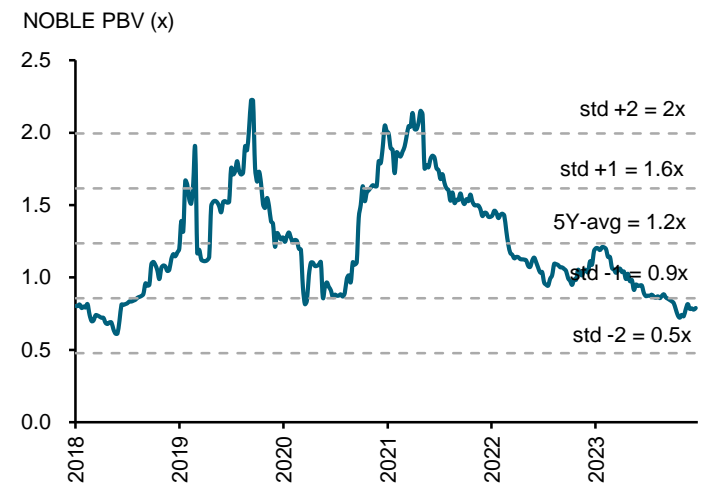
Exhibit 8: Value of expected transfers by condo project

Transfer	Project	Value (THB m)	% Sold (%)
3Q23	Nue Z-Square Suan Luang Station	700	35
4Q23	Nue Noble Fai Chai-Wanglang	1,120	70
1Q24	Nue Noble Ratchada-Lat Phrao (JV)	2,000	88
2Q24	Nue Connex Condo Don Mueang	2,370	40
4Q24	Noble Form Thonglor	5,230	39
	Nue Core Khukhot Station (JV)	2,400	81
1Q25	Nue Mega Plus Bangna	3,100	72
4Q25	Noble Create (JV)	4,250	39
	Nue Riverest Ratburana (JV)	4,680	45
	Nue Evo Ari	3,000	62

Source: NOBLE

Exhibit 9: Historical P/E band

Sources: Bloomberg; FSSIA estimates

Exhibit 10: Historical P/BV band

Sources: Bloomberg; FSSIA estimates

Exhibit 11: Peer comparisons as of 22 December 2023

Company	BBG	Rec	Rec profit growth		PE		DivYld		ROE		PBV		PE
			23E	24E	23E	24E	23E	24E	23E	24E	23E	24E	5Y-avg
			(%)	(%)	(x)	(x)	(%)	(%)	(x)	(x)	(x)	(x)	(x)
Thailand													
Assetwise	ASW TB	BUY	16.4	45.2	9.3	6.7	6.3	6.3	13.8	18.1	1.2	1.1	8.9
Noble Development	NOBLE TB	REDUCE	46.2	81.2	12.3	6.8	7.8	8.1	7.1	12.1	0.8	0.8	9.7
SC Asset Corp	SC TB	BUY	(8.7)	5.8	5.6	5.3	7.8	7.8	10.6	10.5	0.6	0.5	6.3
Supalai	SPALI TB	BUY	(22.5)	4.4	5.6	5.3	7.2	7.2	13.1	12.6	0.7	0.7	7.0
Sansiri	SIRI TB	BUY	23.0	(5.4)	6.0	6.4	10.0	8.3	11.1	9.8	0.6	0.6	7.7
AP Thailand	AP TB	BUY	6.8	2.8	5.6	5.4	6.3	6.4	16.2	15.0	0.9	0.8	5.8
Britania	BRI TB	BUY	26.3	1.9	5.5	5.4	8.4	8.4	25.2	22.4	1.3	1.1	7.1
Origin Property	ORI TB	BUY	(3.9)	14.6	8.3	7.2	8.3	8.3	13.5	14.6	1.1	1.0	8.6
Land & Houses	LH TB	n/a	(14)	6	13.7	12.6	6.9	6.9	13.7	14.1	1.8	1.8	13.1
LPN Development	LPN TB	n/a	(16)	12	11.2	9.9	5.0	5.6	4.2	4.6	0.5	0.5	11.1
Pruksa Holding	PSH TB	n/a	(19)	2	11.7	11.8	7.1	6.6	5.4	5.0	0.6	0.6	8.9
Quality Houses	QH TB	n/a	6	4	9.7	9.3	6.6	6.8	8.7	8.8	0.8	0.8	10.6
Average			(5)	6	8.7	7.7	7.3	7.2	11.9	12.3	0.9	0.9	8.7

Sources: Bloomberg; FSSIA estimates

Financial Statements

Noble Development

Profit and Loss (THB m) Year Ending	2021	2022	2023E	2024E	2025E
Revenue	6,827	8,215	9,871	9,429	9,885
Cost of goods sold	(4,572)	(6,130)	(7,349)	(7,050)	(7,295)
Gross profit	2,255	2,086	2,522	2,379	2,591
Other operating income	593	463	850	550	550
Operating costs	(1,668)	(1,595)	(1,620)	(1,669)	(1,804)
Operating EBITDA	1,321	1,161	1,962	1,488	1,585
Depreciation	(141)	(207)	(210)	(228)	(249)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	1,181	954	1,752	1,260	1,336
Net financing costs	(245)	(360)	(468)	(481)	(492)
Associates	(19)	(154)	(307)	65	95
Recurring non-operating income	(19)	(154)	(307)	65	95
Non-recurring items	260	157	263	0	0
Profit before tax	1,177	597	1,240	844	939
Tax	(245)	(142)	(257)	(156)	(169)
Profit after tax	932	455	983	688	770
Minority interests	0	0	0	0	0
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	932	455	983	688	770
Non-recurring items & goodwill (net)	(260)	(157)	(263)	0	0
Recurring net profit	672	298	720	688	770
Per share (THB)					
Recurring EPS *	0.49	0.22	0.53	0.50	0.56
Reported EPS	0.68	0.33	0.72	0.50	0.56
DPS	0.43	0.20	0.36	0.25	0.28
Diluted shares (used to calculate per share data)	1,369	1,369	1,369	1,369	1,369
Growth					
Revenue (%)	(36.3)	20.3	20.2	(4.5)	4.8
Operating EBITDA (%)	(49.9)	(12.1)	69.1	(24.2)	6.5
Operating EBIT (%)	(53.7)	(19.2)	83.7	(28.1)	6.0
Recurring EPS (%)	(62.5)	(55.6)	141.8	(4.5)	12.0
Reported EPS (%)	(50.4)	(51.2)	116.1	(30.0)	12.0
Operating performance					
Gross margin inc. depreciation (%)	33.0	25.4	25.6	25.2	26.2
Gross margin exc. depreciation (%)	35.1	27.9	27.7	27.6	28.7
Operating EBITDA margin (%)	19.3	14.1	19.9	15.8	16.0
Operating EBIT margin (%)	17.3	11.6	17.7	13.4	13.5
Net margin (%)	9.8	3.6	7.3	7.3	7.8
Effective tax rate (%)	20.8	23.8	20.7	18.5	18.0
Dividend payout on recurring profit (%)	87.7	91.9	68.2	50.0	50.0
Interest cover (X)	4.7	2.2	3.1	2.8	2.9
Inventory days	1,134.9	863.7	732.9	809.5	818.2
Debtor days	44.5	112.3	125.0	112.1	107.0
Creditor days	87.1	81.1	67.3	57.8	55.7
Operating ROIC (%)	8.0	5.3	9.0	6.3	6.4
ROIC (%)	6.3	3.8	6.3	5.5	5.7
ROE (%)	11.7	5.2	11.6	10.4	11.1
ROA (%)	4.4	2.7	4.9	4.7	4.9
* Pre-exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Real estate	6,563	6,692	6,371	6,429	7,385
Rental & service	264	1,523	3,500	3,000	2,500
Land sales	0	0	0	0	0

Sources: Noble Development; FSSIA estimates

Financial Statements

Noble Development

Cash Flow (THB m) Year Ending Dec	2021	2022	2023E	2024E	2025E
Recurring net profit	672	298	720	688	770
Depreciation	141	207	210	228	249
Associates & minorities	-	-	-	-	-
Other non-cash items	260	157	263	0	0
Change in working capital	(2,445)	(2,656)	61	(996)	(421)
Cash flow from operations	(1,373)	(1,994)	1,254	(80)	598
Capex - maintenance	-	-	-	-	-
Capex - new investment	(500)	(569)	(1,009)	(251)	(270)
Net acquisitions & disposals	-	-	-	-	-
Other investments (net)	-	-	-	-	-
Cash flow from investing	(500)	(569)	(1,009)	(251)	(270)
Dividends paid	(589)	(274)	(491)	(344)	(385)
Equity finance	(4)	(31)	0	0	0
Debt finance	2,650	1,892	(284)	620	20
Other financing cash flows	-	-	-	-	-
Cash flow from financing	2,058	1,587	(775)	276	(365)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	1,303	0	0	0
Net other adjustments	(575)	1,303	0	0	0
Movement in cash	(391)	327	(530)	(55)	(37)
Free cash flow to firm (FCFF)	(1,628.55)	(2,203.73)	713.67	149.90	819.65
Free cash flow to equity (FCFE)	201.92	631.63	(38.28)	289.00	347.55
Per share (THB)					
FCFF per share	(1.19)	(1.61)	0.52	0.11	0.60
FCFE per share	0.15	0.46	(0.03)	0.21	0.25
Recurring cash flow per share	0.78	0.48	0.87	0.67	0.74
Balance Sheet (THB m) Year Ending Dec					
Tangible fixed assets (gross)	510	497	571	656	755
Less: Accumulated depreciation	(283)	(339)	(414)	(490)	(582)
Tangible fixed assets (net)	228	158	157	167	173
Intangible fixed assets (net)	1,186	1,089	1,083	1,083	1,083
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	200	211	942	955	969
Cash & equivalents	1,478	1,805	1,275	1,220	1,183
A/C receivable	1,258	3,797	2,961	2,829	2,966
Inventories	13,992	14,037	14,629	15,629	15,959
Other current assets	244	245	296	283	356
Current assets	16,972	19,885	19,161	19,960	20,464
Other assets	1,694	1,154	1,250	1,275	1,303
Total assets	20,280	22,497	22,594	23,441	23,992
Common equity	5,627	5,941	6,433	6,777	7,162
Minorities etc.	1	1	1	1	1
Total shareholders' equity	5,628	5,942	6,434	6,778	7,163
Long term debt	7,266	8,263	7,934	8,373	8,392
Other long-term liabilities	81	161	147	141	182
Long-term liabilities	7,346	8,424	8,081	8,514	8,574
A/C payable	1,103	1,529	1,102	1,057	1,094
Short term debt	4,556	5,451	5,496	5,677	5,678
Other current liabilities	1,647	1,151	1,481	1,414	1,483
Current liabilities	7,306	8,130	8,079	8,149	8,255
Total liabilities and shareholders' equity	20,280	22,496	22,594	23,441	23,992
Net working capital	12,744	15,401	15,303	16,268	16,704
Invested capital	16,052	18,012	18,735	19,748	20,232
* Includes convertibles and preferred stock which is being treated as debt					
Per share (THB)					
Book value per share	4.11	4.34	4.70	4.95	5.23
Tangible book value per share	3.24	3.54	3.91	4.16	4.44
Financial strength					
Net debt/equity (%)	183.8	200.4	188.9	189.3	179.9
Net debt/total assets (%)	51.0	52.9	53.8	54.7	53.7
Current ratio (x)	2.3	2.4	2.4	2.4	2.5
CF interest cover (x)	3.9	4.3	3.1	2.1	2.3
Valuation					
Recurring P/E (x) *	8.0	17.9	7.4	7.8	6.9
Recurring P/E @ target price (x) *	7.5	17.0	7.0	7.4	6.6
Reported P/E (x)	5.7	11.7	5.4	7.8	6.9
Dividend yield (%)	11.0	5.1	9.2	6.4	7.2
Price/book (x)	0.9	0.9	0.8	0.8	0.7
Price/tangible book (x)	1.2	1.1	1.0	0.9	0.9
EV/EBITDA (x) **	11.9	14.9	8.9	12.2	11.5
EV/EBITDA @ target price (x) **	11.7	14.6	8.8	12.0	11.3
EV/invested capital (x)	1.0	1.0	0.9	0.9	0.9
* Pre-exceptional, pre-goodwill and fully diluted ** EBITDA includes associate income and recurring non-operating income					

Sources: Noble Development; FSSIA estimates

Noble Development PCL (NOBLE TB)

FSSIA ESG rating


30.88 /100

Exhibit 12: FSSIA ESG score implication

Rating	Score	Implication
★★★★★	>79-100	Leading its industry peers in managing the most significant ESG risks which not only better cost efficiency but also lead to higher profitability.
★★★★☆	>59-79	A mixed track record of managing the most significant ESG risks and opportunities relative to industry peers.
★★★☆☆	>39-59	Relevant ESG materiality matrix has been constructively addressed, well-managed and incorporated into day-to-day operations, in which targets and achievements are evaluated annually.
★★☆☆☆	>19-39	Relevant ESG materiality matrix has been identified with key management in charge for progress to be followed up on and to provide intensive disclosure. Most targets are conventional and achievable.
★☆☆☆☆	1-19	The company has adopted the United Nations Sustainable Development Goals (UN SDGs), established sustainability management guidelines and fully complies with regulations or ESG suggested guidance from related organizations such as the SET and SEC.

Source: FSSIA estimates

Exhibit 13: ESG – peer comparison

	FSSIA ESG score	Domestic ratings						Global ratings					Bloomberg		
		DJSI	SET THSI	THSI	CG score	AGM level	Thai CAC	Morningstar ESG risk	ESG Book	MSCI	Moody's	Refinitiv	S&P Global	ESG score	Disclosure score
SET100	69.20	5.34	4.40	4.40	4.76	4.65	3.84	Medium	51.76	BBB	20.87	58.72	63.91	3.72	28.17
Coverage	67.12	5.11	4.15	4.17	4.83	4.71	3.53	Medium	52.04	BB	16.97	56.85	62.09	3.40	31.94
AP	53.36	--	Y	Y	5.00	5.00	Certified	Low	43.30	--	--	16.91	24.00	1.89	34.26
BRI	16.00	--	--	--	4.00	4.00	Declared	--	--	--	--	--	--	--	--
NOBLE	30.88	--	Y	Y	5.00	5.00	Certified	--	--	--	--	--	7.00	--	--
ORI	53.22	--	Y	Y	5.00	5.00	Certified	Medium	41.33	--	--	48.60	--	3.82	52.01
SC	60.14	--	Y	Y	5.00	4.00	Certified	Low	45.20	--	--	70.85	25.00	2.34	42.60

Sources: [SETTRADE.com](https://www.settrade.com); FSSIA's compilation

Exhibit 14: ESG disclosure from the company's one report

FY ending Dec 31		FY 2022	FY ending Dec 31		FY 2022
Environmental			Governance		
Climate change policy		Yes	Board size / Independent directors (ID) / Female		10 / 5 / 1
Climate change opportunities discussed		--	No. of board meetings for the year / % attendance		9 / 94.44%
GHG scope 2 location-based policy		Yes	Company conducts board evaluations		Yes
Biodiversity policy		Yes	Number of non-executive directors on board		6
Energy efficiency policy		Yes	Director share ownership guidelines		No
Electricity used		318,812	Board age limit		No
Fuel used - crude oil/diesel		--	Age of the youngest / oldest director		46 / 63
Waste reduction policy		Yes	Number of executives / female		7 / 1
Water policy		Yes	Executive share ownership guidelines		No
Water consumption		1,147	Size of audit committee / ID		4 / 4
Social			Audit committee meetings		8
Human rights policy		Yes	Audit committee meeting attendance (%)		100
Policy against child labor		Yes	Size of compensation committee		4 / 4
Quality assurance and recall policy		Yes	Number of compensation committee meetings		2
Consumer data protection policy		Yes	Compensation committee meeting attendance (%)		100
Equal opportunity policy		Yes	Size of nomination committee / ID		4 / 4
Gender pay gap breakout		--	Number of nomination committee meetings		2
Pct women in workforce		60.54	Nomination committee meeting attendance (%)		100
Business ethics policy		Yes	Board compensation (THB m)		4.3
Anti-bribery ethics policy		Yes	Auditor fee (THB m)		3.87
Health and safety policy		Yes	<i>(PricewaterhouseCoopers ABAS Ltd.)</i>		
Lost time incident rate - employees		--			
Training policy		Yes			
Fair remuneration policy		Yes			
Number of employees - CSR		--			
Total hours spent by firm - employee training		8,004			
Social supply chain management		--			

Source: FSSIA's compilation

Disclaimer for ESG scoring

ESG score	Methodology	Rating																				
The Dow Jones Sustainability Indices (DJSI) By S&P Global	The DJSI World applies a transparent, rules-based component selection process based on the companies' Total Sustainability Scores resulting from the annual S&P Global Corporate Sustainability Assessment (CSA). Only the top-ranked companies within each industry are selected for inclusion.	Be a member and invited to the annual S&P Global Corporate Sustainability Assessment (CSA) for DJSI. Companies with an S&P Global ESG Score of less than 45% of the S&P Global ESG Score of the highest scoring company are disqualified. The constituents of the DJSI indices are selected from the Eligible Universe.																				
Sustainability Investment List (THSI) by The Stock Exchange of Thailand (SET)	THSI quantifies responsibility in Environmental and Social issues by managing business with transparency in Governance, updated annually. Candidates must pass the preemptive criteria, with two crucial conditions: 1) no irregular trading of the board members and executives; and 2) free float of >150 shareholders, and combined holding must be >15% of paid-up capital. Some key disqualifying criteria include: 1) CG score of below 70%; 2) independent directors and free float violation; 3) executives' wrongdoing related to CG, social & environmental impacts; 4) equity in negative territory; and 5) earnings in red for > 3 years in the last 5 years.	To be eligible for THSI inclusion , verified data must be scored at a minimum of 50% for each indicator, unless the company is a part of DJSI during the assessment year. The scoring will be fairly weighted against the nature of the relevant industry and materiality. SETTHSI Index is extended from the THSI companies whose 1) market capitalization > THB5b (~USD150b); 2) free float >20%; and 3) liquidity >0.5% of paid-up capital for at least 9 out of 12 months. The SETTHSI Index is a market capitalisation-weighted index, cap 5% quarterly weight at maximum, and no cap for number of stocks.																				
CG Score by Thai Institute of Directors Association (Thai IOD)	An indicator of CG strength in sustainable development, measured annually by the Thai IOD, with support from the Stock Exchange of Thailand (SET). The results are from the perspective of a third party, not an evaluation of operations.	Scores are rated in six categories: 5 for Excellent (90-100), 4 for Very Good (80-89), 3 for Good (70-79), 2 for Fair (60-69), 1 for Pass (60-69), and not rated for scores below 50. Weightings include: 1) the rights; 2) and equitable treatment of shareholders (weight 25% combined); 3) the role of stakeholders (25%); 4) disclosure & transparency (15%); and 5) board responsibilities (35%).																				
AGM level By Thai Investors Association (TIA) with support from the SEC	It quantifies the extent to which shareholders' rights and equitable treatment are incorporated into business operations and information is transparent and sufficiently disclosed. All form important elements of two out of five the CG components to be evaluated annually. The assessment criteria cover AGM procedures before the meeting (45%), at the meeting date (45%), and after the meeting (10%). <i>(The first assesses 1) advance circulation of sufficient information for voting; and 2) facilitating how voting rights can be exercised. The second assesses 1) the ease of attending meetings; 2) transparency and verifiability; and 3) openness for Q&A. The third involves the meeting minutes that should contain discussion issues, resolutions and voting results.)</i>	The scores are classified into four categories: 5 for Excellent (100), 4 for Very Good (90-99), 3 for Fair (80-89), and not rated for scores below 79.																				
Thai CAC By Thai Private Sector Collective Action Against Corruption (CAC)	The core elements of the Checklist include corruption risk assessment, establishment of key controls, and the monitoring and developing of policies. The Certification is good for three years. <i>(Companies deciding to become a CAC certified member start by submitting a Declaration of Intent to kick off an 18-month deadline to submit the CAC Checklist for Certification, including risk assessment, in place of policy and control, training of managers and employees, establishment of whistleblowing channels, and communication of policies to all stakeholders.)</i>	The document will be reviewed by a committee of nine professionals. A passed Checklist will move for granting certification by the CAC Council approvals whose members are twelve highly respected individuals in professionalism and ethical achievements.																				
Morningstar Sustainability	The Sustainability's ESG risk rating provides an overall company score based on an assessment of how much of a company's exposure to ESG risk is unmanaged. <i>Sources to be reviewed include corporate publications and regulatory filings, news and other media, NGO reports/websites, multi-sector information, company feedback, ESG controversies, issuer feedback on draft ESG reports, and quality & peer reviews.</i>	A company's ESG risk rating score is the sum of unmanaged risk. The more risk is unmanaged, the higher ESG risk is scored. <table><tr><th>NEGL</th><th>Low</th><th>Medium</th><th>High</th><th>Severe</th></tr><tr><td>0-10</td><td>10-20</td><td>20-30</td><td>30-40</td><td>40+</td></tr></table>	NEGL	Low	Medium	High	Severe	0-10	10-20	20-30	30-40	40+										
NEGL	Low	Medium	High	Severe																		
0-10	10-20	20-30	30-40	40+																		
ESG Book	The ESG score identifies sustainable companies that are better positioned to outperform over the long term. The methodology considers the principle of financial materiality including information that significantly helps explain future risk-adjusted performance. Materiality is applied by over-weighting features with higher materiality and rebalancing these weights on a rolling quarterly basis.	The total ESG score is calculated as a weighted sum of the features scores using materiality-based weights. The score is scaled between 0 and 100 with higher scores indicating better performance.																				
MSCI	MSCI ESG ratings aim to measure a company's management of financially relevant ESG risks and opportunities. It uses a rules-based methodology to identify industry leaders and laggards according to their exposure to ESG risks and how well they manage those risks relative to peers. <table><tr><td>AAA</td><td>8.571-10.000</td><td rowspan="3">Leader:</td><td rowspan="3">leading its industry in managing the most significant ESG risks and opportunities</td></tr><tr><td>AA</td><td>7.143-8.570</td></tr><tr><td>A</td><td>5.714-7.142</td></tr><tr><td>BBB</td><td>4.286-5.713</td><td rowspan="3">Average:</td><td rowspan="3">a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers</td></tr><tr><td>BB</td><td>2.857-4.285</td></tr><tr><td>B</td><td>1.429-2.856</td></tr><tr><td>CCC</td><td>0.000-1.428</td><td>Laggard:</td><td>lagging its industry based on its high exposure and failure to manage significant ESG risks</td></tr></table>		AAA	8.571-10.000	Leader:	leading its industry in managing the most significant ESG risks and opportunities	AA	7.143-8.570	A	5.714-7.142	BBB	4.286-5.713	Average:	a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers	BB	2.857-4.285	B	1.429-2.856	CCC	0.000-1.428	Laggard:	lagging its industry based on its high exposure and failure to manage significant ESG risks
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Moody's ESG solutions	Moody's assesses the degree to which companies take into account ESG objectives in the definition and implementation of their strategy policies. It believes that a company integrating ESG factors into its business model and relatively outperforming its peers is better positioned to mitigate risks and create sustainable value for shareholders over the medium to long term.																					
Refinitiv ESG rating	Designed to transparently and objectively measure a company's relative ESG performance, commitment and effectiveness across 10 main themes, based on publicly available and auditable data. The score ranges from 0 to 100 on relative ESG performance and insufficient degree of transparency in reporting material ESG data publicly. <i>(Score ratings are 0 to 25 = poor; >25 to 50 = satisfactory; >50 to 75 = good; and >75 to 100 = excellent.)</i>																					
S&P Global	The S&P Global ESG Score is a relative score measuring a company's performance on and management of ESG risks, opportunities, and impacts compared to its peers within the same industry classification. The score ranges from 0 to 100.																					
Bloomberg	ESG Score	Bloomberg score evaluating the company's aggregated Environmental, Social and Governance (ESG) performance. The score is based on Bloomberg's view of ESG financial materiality. The score is a weighted generalized mean (power mean) of Pillar Scores, where the weights are determined by the pillar priority ranking. Values range from 0 to 10; 10 is the best.																				
Bloomberg	ESG Disclosure Score	Disclosure of a company's ESG used for Bloomberg ESG score. The score ranges from 0 for none to 100 for disclosure of every data point, measuring the amount of ESG data reported publicly, and not the performance on any data point.																				

[Rating](#) regarding the sustainable development of Thai listed companies, both on the SET and MAI, are publicly available on the website of the Securities and Exchange Commission of Thailand (SEC). Currently, ratings available are 1) "**CG Score**"; 2) "**AGM Level**"; 3) "**Thai CAC**"; and 4) **THSI**. The ratings are updated on an annual basis. FSSIA does not confirm nor certify the accuracy of such ratings.

Source: FSSIA's compilation

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Thanyatorn Songwutti FSS International Investment Advisory Securities Co., Ltd

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Company	Ticker	Price	Rating	Valuation & Risks
Noble Development	NOBLE TB	THB 3.90	REDUCE	Downside risks to our P/E-based TP include 1) weaker-than-expected purchasing power; 2) cancellation of presales; 3) bank loan rejections; 4) delays in construction work and transfers; and 5) fierce competition. An upside risk would be 1) a stronger-than-expected presales; and 2) a sooner-than-expected overseas buyer recovery.
Assetwise	ASW TB	THB 8.30	BUY	Downside risks to our P/E-based TP include 1) slower backlog realization than planned and a delay in new condo transfers, 2) lower new project launches than planned, 3) a lower-than-expected take-up rate of new projects, 4) a slowdown in the economy and purchasing power, 5) a construction delay and fierce competition, and 6) a higher rejection and cancellation rate.
SC Asset Corporation	SC TB	THB 3.16	BUY	Downside risks to our P/E-based TP include 1) weaker-than-expected take-up rates of new launches; 2) weak purchasing power; 3) cancellation of presales; 4) bank loan rejections; and 5) construction delays.
Supalai	SPALI TB	THB 18.10	BUY	Downside risks to our P/E derived TP are cost overruns; delays or poor receptions for new launches; presale cancellations; inability of homebuyers to obtain mortgage financing; and weak take-up rates and reduced pricing power from rising competition.
Sansiri	SIRI TB	THB 1.75	BUY	Downside risks to our P/E-based TP include 1) weaker-than-expected take-up rates of new launches; 2) rising competition; 3) construction delays and increasing raw material prices; 4) the impact of the expiration of loan-to-value (LTV) limit easing; and 5) a high level of IBD/E.
AP (Thailand)	AP TB	THB 11.10	BUY	Downside risks to our P/E-based TP include 1) a higher-than-expected slowdown in the low-rise market; 2) lower-than-expected new launches and take-up rates; 3) a slow economic recovery; 4) an impact from the interest rate uptrend on purchasing power; 5) a higher rejection rate and customer cancellation; 6) construction delay and labor shortages; and 7) fierce competition.
Britania	BRI TB	THB 8.60	BUY	Downside risks to our P/E-based TP include 1) weaker-than-expected take-up rates of new launches; 2) a slower-than-expected economic recovery and weak purchasing power; 3) intense competition; 4) construction delays and labour shortages; 5) an increase in raw material costs; and 6) challenging new launches in the upcountry market.
Origin Property	ORI TB	THB 8.45	BUY	Downside risks to our SoTP-based TP include 1) a slower-than-expected economic recovery; 2) weaker-than-expected presales; 3) a high cancellation rate of presales and rejections from banks; 4) delays in construction and/or a labour shortage; 5) intense competition and an increase in raw material costs; and 6) lower-than-expected performance for its subsidiaries.

Source: FSSIA estimates

Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited.

All share prices are as at market close on 22-Dec-2023 unless otherwise stated.

RECOMMENDATION STRUCTURE

Stock ratings

Stock ratings are based on absolute upside or downside, which we define as $(\text{target price}^* - \text{current price}) / \text{current price}$.

BUY (B). The upside is 10% or more.

HOLD (H). The upside or downside is less than 10%.

REDUCE (R). The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

Industry Recommendations

Overweight. The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

Neutral. The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

Underweight. The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

Country (Strategy) Recommendations

Overweight (O). Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Neutral (N). Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Underweight (U). Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.