

ADVANCED INFO SERVICE

THAILAND / ICT

ADVANC TB

Shifting landscape brings benefits

- คาดกำไรสุทธิจากการดำเนินงานใน 4Q21 จะลดลงเล็กน้อยเหลือ 6.4 พัน ลบ. (-5.3% q-q)
- การแข่งขันอย่างมีประสิทธิภาพในตลาดน่าจะเป็นปัจจัยบวกสำคัญสำหรับ ADVANC ในอนาคต; ปรับประมาณการกำไรปี 2022 เพิ่ม 2.9% เป็น 29.1 พัน ลบ.
- ปรับเพิ่มราคาเป้าหมายเป็น 260 จาก 220 บาท (DCF), คงแนะนำซื้อ

คาดผลประกอบการ 4Q21

เราคาดว่ากำไรสุทธิจากการดำเนินงานของ ADVANC ใน 4Q21 จะลดลง 5.3% q-q มาอยู่ที่ 6.4 พัน ลบ. ส่วนมากจากค่าใช้จ่ายในการดำเนินงานที่สูงขึ้นจาก 1) ค่าใช้จ่ายด้านโครงข่ายของระบบ 5G; 2) ต้นทุน Content ที่สูงขึ้นจาก Disney+; และ 3) ค่าใช้จ่ายการตลาดที่สูงขึ้นตามการกลับมาเปิดศูนย์บริการโทรศัพท์เคลื่อนที่ใน 4Q21 รายได้ค่าบริการน่าจะทรงตัว q-q ที่ 36 พัน ลบ. (+0.5% q-q) จากธุรกิจอินเตอร์เน็ตบอร์ดแบนด์และธุรกิจ enterprise ที่ดีขึ้นต่อเนื่อง รายได้ค่าบริการโทรศัพท์เคลื่อนที่น่าจะทรงตัวจากการแข่งขัน แม้ว่าตัวเลขผู้ใช้บริการสุทธิจะเพิ่มเล็กน้อยและจากภาคธุรกิจท่องเที่ยวจะสูงขึ้น

การแข่งขันอย่างมีประสิทธิภาพในตลาด

เราและตลาดมีความเห็นตรงกันเกี่ยวกับบริษัทที่จะเกิดจากการควบรวมระหว่าง True Corporation (TRUE TB, HOLD, TP THB42.20) และ Total Access Communication (DTAC TB, HOLD, TP THB42) โดยคาดว่าการแข่งขันในธุรกิจโทรศัพท์เคลื่อนที่หลังการควบรวมธุรกิจจะลดลง การเป็นผู้ประกอบการเพียงสองรายไม่เป็นเหตุผลให้ต้องเริ่มสงสัยราคารั้งใหญ่ในตลาด ซึ่งทำให้เราปรับประมาณการรายได้เฉลี่ยต่อเลขหมาย (ARPU) โดยคาดว่า ตัวเลขดังกล่าวจะปรับตัวดีขึ้นตั้งแต่ปี 2022 เป็นต้นไป ARPU ของทั้งผู้ใช้บริการรายเดือนและเดิมเงินมีแนวโน้มที่จะทรงตัวจากนี้เป็นต้นไปเมื่อเทียบกับสมมติฐานเดิมของเราว่า คาดว่า ARPU ของหั้งสองประเภทจะลดลง 0.9% และ 1.1% ตามลำดับและลดลงต่อเนื่องในอนาคต

ปรับประมาณการกำไร

จากการปรับสมมติฐาน ARPU เราปรับเพิ่มประมาณการกำไรสุทธิจากการดำเนินงานปี 2022 อีก 2.9% เป็น 29.1 พัน ลบ. (+10.5% y-y) เราคาดว่ารายได้จะโตเป็น 180 พัน ลบ. ในปี 2022 ซึ่งสูงกว่าประมาณการเดิม 0.6% การฟื้นตัวจาก Covid ในปี 2021 และการคาดการณ์เกี่ยวกับการแข่งขันที่ลดลงน่าจะเป็นปัจจัยหนุนสำคัญสำหรับรายได้ของ ADVANC

คงแนะนำซื้อหลังปรับราคาเป้าหมายเป็น 260 บาท

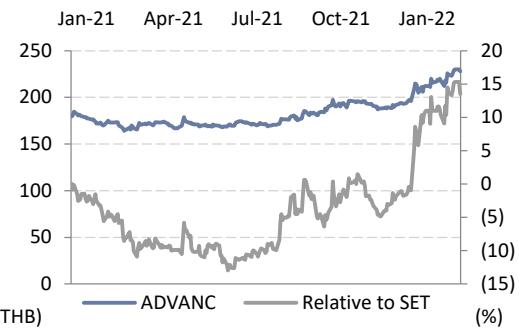
การควบรวมกิจการระหว่าง TRUE และ DTAC อาจเปลี่ยนอุดสาหกรรมโทรศัพท์เคลื่อนที่ของไทยโดยสิ้นเชิง เราชื่อว่าการควบรวมดังกล่าวจะเป็นประโยชน์ต่อทั้งกลุ่ม แม้ว่าการควบรวมดังกล่าวอาจทำให้ ADVANC ลดลำดับไปเป็นที่สองในตลาด บริษัทฯ น่าจะได้ประโยชน์บางประการจากการแข่งขันที่ลดลง เราปรับเพิ่มราคาเป้าหมายจาก 220 เป็น 260 บาท คงแนะนำซื้อและยังเลือก ADVANC เป็นหุ้นเด่นของเรา

BUY
UNCHANGED

TARGET PRICE	THB260.00
CLOSE	THB228.00
UP/DOWNSIDE	+14.0%
PRIOR TP	THB220.00
CHANGE IN TP	+18.2%
TP vs CONSENSUS	+8.8%

KEY STOCK DATA

YE Dec (THB m)	2020	2021E	2022E	2023E
Revenue	172,890	174,298	180,292	186,295
Net profit	27,352	26,312	29,066	32,129
EPS (THB)	9.20	8.85	9.78	10.81
vs Consensus (%)	-	(1.7)	1.3	0.8
EBITDA	89,398	90,277	93,278	97,013
Core net profit	27,105	26,312	29,066	32,129
Core EPS (THB)	9.12	8.85	9.78	10.81
Chg. In EPS est. (%)	-	-	2.9	5.0
EPS growth (%)	(15.1)	(2.9)	10.5	10.5
Core P/E (x)	25.0	25.8	23.3	21.1
Dividend yield (%)	3.0	3.1	3.1	3.7
EV/EBITDA (x)	8.5	8.2	7.7	7.3
Price/book (x)	9.0	8.4	7.6	7.1
Net debt/Equity (%)	102.7	77.1	49.8	29.2
ROE (%)	37.4	33.6	34.1	34.6



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	7.5	17.2	29.5
Relative to country (%)	1.0	12.7	12.4
Mkt cap (USD m)			20,371
3m avg. daily turnover (USD m)			40.5
Free float (%)			36
Major shareholder			Intouch Holdings (40%)
12m high/low (THB)			232.00/164.00
Issued shares (m)			2,973.55

Sources: Bloomberg consensus; FSSIA estimates



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Investment thesis

ADVANC is the biggest mobile operator in Thailand with more than 45% of the market share. The company aims to be the number one 5G service provider. It also has the healthiest financial position in the sector, as well as a fair and consistent dividend yield at around 3.9% p.a.

We think the company has various catalysts waiting in the future, including 1) the potential to pay a higher dividend; 2) the benefit of lower competition in the mobile market after the amalgamation between TRUE and DTAC in 2022; 3) likely new projects with Gulf Energy Development (GULF TB, BUY, TP THB56); 4) growth in the enterprise sector; and 5) growth in its digital services business.

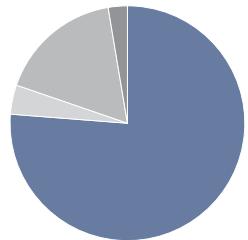
Company profile

ADVANC operates a telecommunications business, including mobile network services, fixed broadband services, and digital services.

investor.ais.co.th

Principal activities (revenue, 2020)

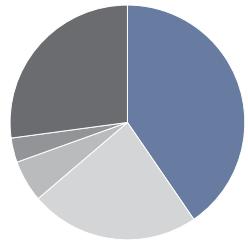
- Mobile - 76.2 %
- Fixed broadband - 4.0 %
- Sale of goods - 17.1 %
- Others - 2.6 %



Source: Advanced Info Service

Major shareholders

- Intouch Holdings - 40.4 %
- Singtel Strategic Investment PTE - 23.3 %
- Thai NVDR - 5.8 %
- Social Security Office - 3.4 %
- Others - 27.1 %



Source: Advanced Info Service

Catalysts

- Upcoming 5G technology should be a key driver for ADVANC, which aims to be the number one 5G operator;
- Consistent earnings which could lead to a consistent dividend yield at around 3.9% p.a.;
- The expectation of less competition in the mobile market after the amalgamation between TRUE and DTAC.

Risks to our call

The key downside risks to our DCF-based TP are stronger-than-expected competition in the mobile market and the slower-than-expected adoption of 5G use cases.

Key assumptions

Key assumption	2020	2021E	2022E	2023E
Total subscribers (m)	41.4	43.9	45.0	45.5
Blended ARPU (THB/sub/mth)	245	228	232	236
Fixed broadband				
FBB subscribers (m)	1.2	1.6	2.0	2.3
ARPU (THB/sub/mth)	489	456	447	447

Source: FSSIA estimates

Earnings sensitivity

- For every 1% increase in mobile blended ARPU, we project 2022 earnings to rise by 2.2%, and vice versa, all else being equal.
- For every 1% increase in mobile subscribers, we project 2022 earnings to rise by 2.1%, and vice versa, all else being equal.

Source: FSSIA estimates

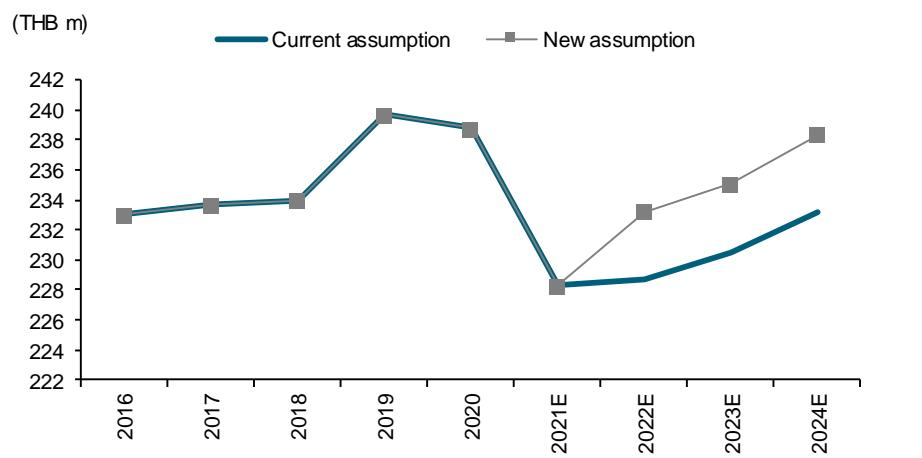
Less competition would benefit every company

We believe the merger between TRUE and DTAC would directly impact the mobile competition situation in Thailand, given that mobile average revenue per user (ARPU) for both pre- and post-paid customers has been in a declining trend for many years. The optimal market share of the new company at 54% vs 46% for ADVANC would strike a balance. We expect only a tiny change in market share of around 50-60% for the biggest operator and 40-50% for the second operator. Therefore, this would entirely remove the intense competition, in our view.

Based on our assumption, we revise our industry ARPU forecast to start improving from 2022 onward. Pre- and post-paid ARPU is likely to be flat and slightly decrease in 2023, compared to our previous assumption where pre-paid ARPU would decline by 0.9% in 2022 and post-paid would decline by 1.1% and continue to slide going forward.

When pre- and post-paid ARPU become more stable, we project 2023 blended ARPU to increase significantly by 2%, thanks to the pre-to-post transition that should continue in the future.

Exhibit 1: New blended ARPU assumption based on zero competition in the mobile market



Source: FSSIA estimates

Earnings forecast upgrade

For ADVANC, we adjust our ARPU forecast for both pre- and post-paid starting from 2022 onward. The impact of the lower competition should start in 2H22. The increase in our 2022 ARPU forecast to THB232 vs our previous expectation of THB230 boosts our revenue estimate by 0.6% to THB180b. In addition, while most of ADVANC's costs should be maintained, as its cost structure is mostly fixed, the 0.6% increase in its revenue should boost its 2022 net profit to grow by 2.9% to THB29.1b, compared to our previous expectation of THB28.2b.

Exhibit 2: Key assumption changes

	New		Previous		Change	
	2021E	2022E	2021E	2022E	2021E	2022E
Total subscribers (m)	43.9	45.0	43.9	45.0	0.0	0.0
Blended ARPU (THB/sub/mth)	228	232	228.2	230	0.0	0.8
Revenue	174,298	180,292	174,297.5	179,257	0.0	0.6
Operating expense	(84,021)	(87,014)	(84,020.5)	(86,984)	0.0	0.0
EBITDA	90,277	93,278	90,277.0	92,273	0.0	1.1
EBIT	37,106	39,980	37,105.8	38,975	0.0	2.6
Core net profit	26,312	29,066	26,312.3	28,240	0.0	2.9
Margin	(%)	(%)	(%)	(%)	(ppt)	(ppt)
Gross profit margin	51.8	51.7	51.8	51.5	0.0	0.3
Net profit margin	15.1	16.1	15.1	15.8	0.0	0.4

Source: FSSIA estimates

New TP of THB260

We have factored in the merger between TRUE and DTAC into our forecast, which should directly benefit ADVANC. Less competition would not only affect mobile network operators' (MNOs) revenues, but costs and future investments should also be less intense compared to the current situation. We believe that 1) the future spectrum auction will have less competition as the future spectrum bandwidth should be suitable for two operators; 2) there should be greater cost efficiency given that MNOs should face less competition, which could imply lower marketing expenses; and 3) there should be less pressure to make huge investments in 5G services, given that the two operators would have a similar service quality.

Therefore, we revise our DCF valuation on ADVANC from 2022 to 2027, our terminal year. The key assumption change comes mainly from the significant increase in blended ARPU for the next six years that we had previously expected to be flat or slightly increase, while most of the other factors remain the same. As a result, we revise our 2022 TP for ADVANC to THB260 from THB220.

Exhibit 3: DCF valuation

		2022E (THB m)	2023E (THB m)	2024E (THB m)	2025E (THB m)	2026E (THB m)	2027E (THB m)
EBITDA		81,765	85,638	89,854	93,811	96,748	99,198
(less) tax on EBIT		(6,446)	(7,300)	(8,699)	(9,467)	(10,627)	(11,460)
decrease in working cap		1,669	(352)	(371)	(275)	(474)	(40)
(less) capex & investments		(26,500)	(26,500)	(21,500)	(34,500)	(34,500)	(39,000)
Free Cash Flow		53,462	57,492	61,431	46,975	45,470	39,024
WACC (%)	7.9						
Terminal growth (%)	2						
PV of FCF		47,149	52,190	60,026	50,119	52,095	48,779
Enterprise value	835,356						
Net debt+cash	(62,631)						
Minority	(154)						
Equity value	772,572						
No. of shares (m)	2,974						
Equity value / share (THB)	260						

Sources: ADVANC; FSSIA estimates

4Q21E results preview

We expect ADVANC's service revenue, excluding interconnection revenue, in 4Q21 to amount to THB33b (+0.5% q-q, +2.8% y-y) thanks to fixed broadband (FBB) and enterprise revenues that should grow continuously from the previous quarter. We expect the growth momentum for FBB subscribers to look similar to 3Q21, while FBB ARPU should continue to decline given that the starting price for FBB services is now THB400 per month, compared to the current ARPU of THB455.

Mobile service revenue, however, should be flat at THB2.9b (-0.1% q-q, +0.5% y-y) in 4Q21. Although there are some signs of recovery in the Thai economy and from the border reopening, the growth in mobile subscribers cannot yet offset the continuous decline in mobile ARPU as the competitive situation remains intact, according to ADVANC. Meanwhile, we expect revenue from handset sales to surge by 74.9% q-q to THB10.8b on the high season for new mobile phones, especially iPhone 13. As a result, we expect ADVANC's total revenue from handset sales to grow significantly THB47b (11.3% q-q, +2.4% y-y).

However, we expect a 1) tiny margin on handset sales; 2) higher network OPEX on the 5G infrastructure rollout – the new network devices for 5G require more electricity; 3) higher content costs from Disney+; and 4) higher marketing expenses after ADVANC's mobile shops started to reopen in 4Q21, which should pressure ADVANC's cost. We expect ADVANC's EBITDA in 4Q21 to dip by 1.5% q-q to THB22.6b. As a result, we expect that the company's core net profit in 4Q21 should drop by 5.3% q-q to THB6.4b.

Exhibit 4: 4Q21E results preview

	4Q20 (THB m)	3Q21 (THB m)	4Q21E (THB m)	Change		2020 (THB m)	2021E (THB m)	Chg. (y-y%)	2022E (THB m)
				(q-q%)	(y-y%)				
Operating revenue	46,074	42,377	47,178	11.3	2.4	172,890	174,298	0.8	180,292
Operating expense	(23,840)	(19,489)	(24,628)	26.4	3.3	(83,492)	(84,021)	0.6	(87,014)
EBITDA	22,234	22,888	22,550	(1.5)	1.4	89,398	90,277	1.0	93,278
<i>EBITDA margin (%)</i>	<i>48</i>	<i>54</i>	<i>48</i>	<i>nm</i>	<i>nm</i>	<i>52</i>	<i>52</i>	<i>nm</i>	<i>52</i>
Depreciation & amortisation	(13,106)	(13,442)	(13,507)	0.5	3.1	(51,923)	(53,171)	2.4	(53,298)
EBIT	9,128	9,446	9,043	(4.3)	(0.9)	37,475	37,106	(1.0)	39,980
Interest expense	(1,358)	(1,414)	(1,370)	(3.1)	0.9	(5,917)	(6,377)	7.8	(5,815)
Other income	80	196	200	1.9	150.7	709	1,307	84.4	1,359
Associates	(66)	(26)	(20)	(23.8)	(69.4)	(70)	1	n.a.	20
Extra items	509	(428)	-	n.a.	n.a.	247	-	n.a.	-
Pretax profit	8,293	7,774	7,853	1.0	(5.3)	32,444	32,037	(1.3)	35,544
Tax	(1,128)	(1,399)	(1,413)	1.0	25.3	(5,089)	(5,696)	11.9	(6,446)
<i>Tax rate (%)</i>	<i>(14)</i>	<i>(18)</i>	<i>(18)</i>	<i>nm</i>	<i>nm</i>	<i>(16)</i>	<i>(18)</i>	<i>nm</i>	<i>(18)</i>
Minority interests	(1)	(1)	(1)	33.3	(20.0)	(3)	(28)	878.5	(31)
Net profit	7,164	6,374	6,438	1.0	(10.1)	27,352	26,312	(3.8)	29,066
Core net profit	6,655	6,802	6,438	(5.3)	(3.3)	27,105	26,312	(2.9)	29,066
EPS (THB)	2.41	2.14	2.17	1.0	(10.1)	9.20	8.85	(3.8)	9.77
Core EPS (THB)	2.24	2.29	2.17	(5.3)	(3.3)	9.12	8.85	(2.9)	9.77

Sources: ADVANC; FSSIA estimates

Financial Statements

Advanced Info Service

Profit and Loss (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Revenue	180,894	172,890	174,298	180,292	186,295
Cost of goods sold	(74,444)	(59,112)	(57,760)	(59,631)	(60,884)
Gross profit	106,449	113,778	116,538	120,660	125,410
Other operating income	-	-	-	-	-
Operating costs	(27,740)	(24,380)	(26,261)	(27,383)	(28,397)
Operating EBITDA	78,709	89,398	90,277	93,278	97,013
Depreciation	(37,456)	(51,923)	(53,171)	(53,298)	(53,768)
Goodwill amortisation	-	-	-	-	-
Operating EBIT	41,254	37,475	37,106	39,980	43,245
Net financing costs	(4,777)	(5,917)	(6,377)	(5,815)	(5,233)
Associates	(86)	(70)	1	20	40
Recurring non-operating income	1,672	638	1,308	1,379	1,451
Non-recurring items	(747)	247	0	0	0
Profit before tax	37,402	32,444	32,037	35,544	39,463
Tax	(6,209)	(5,089)	(5,696)	(6,446)	(7,300)
Profit after tax	31,193	27,355	26,341	29,097	32,163
Minority interests	(3)	(3)	(28)	(31)	(35)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	31,190	27,352	26,312	29,066	32,129
Non-recurring items & goodwill (net)	747	(247)	0	0	0
Recurring net profit	31,937	27,105	26,312	29,066	32,129
Per share (THB)					
Recurring EPS *	10.74	9.12	8.85	9.78	10.81
Reported EPS	10.49	9.20	8.85	9.78	10.81
DPS	7.08	6.80	7.00	6.98	8.53
Diluted shares (used to calculate per share data)	2,973	2,973	2,973	2,973	2,973
Growth					
Revenue (%)	6.5	(4.4)	0.8	3.4	3.3
Operating EBITDA (%)	6.7	13.6	1.0	3.3	4.0
Operating EBIT (%)	3.4	(9.2)	(1.0)	7.7	8.2
Recurring EPS (%)	7.7	(15.1)	(2.9)	10.5	10.5
Reported EPS (%)	5.1	(12.3)	(3.8)	10.5	10.5
Operating performance					
Gross margin inc. depreciation (%)	38.1	35.8	36.4	37.4	38.5
Gross margin of key business (%)	-	-	-	-	-
Operating EBITDA margin (%)	43.5	51.7	51.8	51.7	52.1
Operating EBIT margin (%)	22.8	21.7	21.3	22.2	23.2
Net margin (%)	17.7	15.7	15.1	16.1	17.2
Effective tax rate (%)	-	-	-	-	-
Dividend payout on recurring profit (%)	65.9	74.6	79.1	71.4	78.9
Interest cover (X)	9.0	6.4	6.0	7.1	8.5
Inventory days	21.2	22.2	15.1	14.9	15.1
Debtor days	37.9	38.1	37.4	36.9	36.9
Creditor days	193.8	253.0	257.2	254.4	256.8
Operating ROIC (%)	48.9	37.7	30.2	35.4	42.1
ROIC (%)	20.9	17.2	14.7	16.2	19.2
ROE (%)	50.4	37.4	33.6	34.1	34.6
ROA (%)	12.7	10.3	9.0	9.4	10.5

* Pre-exceptional, pre-goodwill and fully diluted

Revenue by Division (THB m)	2019	2020	2021E	2022E	2023E
Mobile	139,898	131,804	133,282	136,550	140,524
Fixed broadband	5,722	6,959	8,786	10,368	11,953
Sale of goods	30,765	29,574	26,538	27,296	27,415
Others	4,509	4,553	5,692	6,079	6,402

Sources: Advanced Info Service; FSSIA estimates

Financial Statements

Advanced Info Service

Cash Flow (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Recurring net profit	31,937	27,105	26,312	29,066	32,129
Depreciation	37,456	51,923	53,171	53,298	53,768
Associates & minorities	-	-	-	-	-
Other non-cash items	7,973	8,643	7,405	5,389	4,788
Change in working capital	(738)	(2,041)	(277)	576	84
Cash flow from operations	76,627	85,630	86,611	88,329	90,769
Capex - maintenance	(13,817)	(16,834)	(18,300)	(18,600)	(18,600)
Capex - new investment	(13,232)	(38,058)	(22,738)	(23,439)	(23,439)
Net acquisitions & disposals	188	326	435	457	480
Other investments (net)	76	(129)	(383)	(121)	(134)
Cash flow from investing	(26,784)	(54,694)	(40,986)	(41,703)	(41,692)
Dividends paid	(21,050)	(20,219)	(20,808)	(20,767)	(25,358)
Equity finance	0	0	0	0	0
Debt finance	(15,110)	4,071	55	(10,000)	(10,000)
Other financing cash flows	(3,128)	(15,977)	(9,740)	(7,815)	(7,233)
Cash flow from financing	(39,288)	(32,124)	(30,494)	(38,582)	(42,591)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	(216)	(95)	0	0	0
Movement in cash	10,338	(1,284)	15,132	8,044	6,486
Free cash flow to firm (FCFF)	54,619.51	36,852.20	52,001.96	52,441.11	54,309.35
Free cash flow to equity (FCFE)	31,388.54	18,934.97	35,940.05	28,811.31	31,843.34

Per share (THB)

FCFF per share	18.37	12.39	17.49	17.64	18.26
FCFE per share	10.56	6.37	12.09	9.69	10.71
Recurring cash flow per share	26.02	29.49	29.22	29.51	30.50

Balance Sheet (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Tangible fixed assets (gross)	241,913	337,010	364,890	394,390	423,890
Less: Accumulated depreciation	(116,403)	(155,769)	(194,433)	(233,206)	(272,452)
Tangible fixed assets (net)	125,510	181,241	170,457	161,184	151,438
Intangible fixed assets (net)	111,424	120,224	141,639	128,613	115,591
Long-term financial assets	67	110	110	110	110
Invest. in associates & subsidiaries	660	831	1,214	1,335	1,469
Cash & equivalents	21,626	20,342	35,474	43,518	50,004
A/C receivable	18,298	17,781	17,926	18,542	19,160
Inventories	4,828	2,372	2,391	2,474	2,556
Other current assets	2,390	1,660	1,674	1,732	1,789
Current assets	47,142	42,155	57,465	66,266	73,509
Other assets	4,865	5,610	6,035	6,539	7,090
Total assets	289,669	350,171	376,919	364,048	349,206
Common equity	69,266	75,564	81,068	89,367	96,138
Minorities etc.	128	125	154	185	220
Total shareholders' equity	69,394	75,689	81,222	89,552	96,358
Long term debt	69,172	79,301	79,345	71,345	63,345
Other long-term liabilities	45,848	101,367	122,981	110,311	97,552
Long-term liabilities	115,020	180,668	202,326	181,656	160,897
A/C payable	41,377	40,571	40,828	42,282	43,384
Short term debt	24,872	18,748	18,759	16,759	14,759
Other current liabilities	39,007	34,494	33,785	33,798	33,808
Current liabilities	105,255	93,813	93,372	92,839	91,951
Total liabilities and shareholders' equity	289,669	350,171	376,919	364,048	349,206
Net working capital	(54,867)	(53,251)	(52,621)	(53,332)	(53,687)
Invested capital	187,660	254,765	266,833	244,450	222,011

* Includes convertibles and preferred stock which is being treated as debt

Per share (THB)	2019	2020	2021E	2022E	2023E
Book value per share	23.30	25.42	27.27	30.06	32.34
Tangible book value per share	(14.18)	(15.02)	(20.37)	(13.20)	(6.54)

Financial strength	2019	2020	2021E	2022E	2023E
Net debt/equity (%)	104.4	102.7	77.1	49.8	29.2
Net debt/total assets (%)	25.0	22.2	16.6	12.2	8.0
Current ratio (x)	0.4	0.4	0.6	0.7	0.8
CF interest cover (x)	10.3	10.6	10.2	10.0	11.6

Valuation	2019	2020	2021E	2022E	2023E
Recurring P/E (x) *	21.2	25.0	25.8	23.3	21.1
Recurring P/E @ target price (x) *	24.2	28.5	29.4	26.6	24.1
Reported P/E (x)	21.7	24.8	25.8	23.3	21.1
Dividend yield (%)	3.1	3.0	3.1	3.1	3.7
Price/book (x)	9.8	9.0	8.4	7.6	7.1
Price/tangible book (x)	(16.1)	(15.2)	(11.2)	(17.3)	(34.8)
EV/EBITDA (x) **	9.5	8.5	8.2	7.7	7.3
EV/EBITDA @ target price (x) **	10.7	9.5	9.3	8.8	8.3
EV/invested capital (x)	4.0	3.0	2.8	3.0	3.2

* Pre-exceptional, pre-goodwill and fully diluted ** EBITDA includes associate income and recurring non-operating income

Sources: Advanced Info Service; FSSIA estimates

Corporate Governance report of Thai listed companies 2020

EXCELLENT LEVEL

AAV	ADVANC	AF	AIRA	AKP	AKR	ALT	AMA	AMATA	AMATAV	ANAN
AOT	AP	ARIP	ARROW	ASP	BAFS	BANPU	BAY	BCP	BCPG	BDMS
BEC	BEM	BGRIM	BIZ	BKI	BLA	BOL	BPP	BRR	BTS	BWG
CENTEL	CFRESH	CHEWA	CHO	CIMBT	CK	CKP	CM	CNT	COL	COMAN
COTTO	CPALL	CPF	CPI	CPN	CSS	DELT	DEMCO	DRT	DTAC	DTC
DV8	EA	EASTW	ECF	ECL	EGCO	EPG	ETE	FNS	FPI	FPT
FSMART	GBX	GC	GCAP	GEL	GFPT	GGC	GPSC	GRAMMY	GUNKUL	HANA
HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH	IRPC	IVL	JKN	JSP
JWD	K	KBANK	KCE	KKP	KSL	KTB	KTC	LANNA	LH	LHFG
LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	METCO	MFEC	MINT
MONO	MOONG	MSC	MTC	NCH	NCL	NEP	NKI	NOBLE	NSI	NVD
NYT	OISHI	ORI	OTO	PAP	PCSGH	PDJ	PG	PHOL	PLANB	PLANET
PLAT	PORT	PPS	PR9	PREB	PRG	PRM	PSH	PSL	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QTC	RATCH	RS	S	S & J	SAAM
SABINA	SAMART	SAMTEL	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SDC
SEAFCO	SEAOIL	SE-ED	SELIC	SENA	SIRI	SIS	SITHAI	SMK	SMPC	SNC
SONIC	SORKON	SPALI	SPI	SPRC	SPVI	SSSC	SST	STA	SUSCO	SUTHA
SVI	SYMC	SYNTEC	TACC	TASCO	TCAP	TFMAMA	THANA	THANI	THCOM	THG
THIP	THRE	THREL	TIP	TIPCO	TISCO	TK	TKT	TTB	TMILL	TNDT
TNL	TOA	TOP	TPBI	TQM	TRC	TSC	TSR	TSTE	TSTH	TTA
TTCL	TTW	TU	TV	TVI	TV	TWPC	U	UAC	UBIS	UV
VGI	VIH	WACOAL	WAVE	WHA	WHAUP	WICE	WINNER	TRUE		

VERY GOOD LEVEL

2S	ABM	ACE	ACG	ADB	AEC	AEONTS	AGE	AH	AHC	AIT
ALLA	AMANAH	AMARIN	APCO	APCS	APURE	AQUA	ASAP	ASEFA	ASIA	ASIAN
ASIMAR	ASK	ASN	ATP30	AUCT	AWC	AYUD	B	BA	BAM	BBL
BFIT	BGC	BJC	BJCHI	BROOK	BTW	CBG	CEN	CGH	CHARAN	CHAYO
CHG	CHOTI	CHOW	CI	CIG	CMC	COLOR	COM7	CPL	CRC	CRD
CSC	CSP	CWT	DCC	DCON	DDD	DOD	DOHOME	EASON	EE	ERW
ESTAR	FE	FLOYD	FN	FORTH	FSS	FTE	FVC	GENCO	GJS	GL
GLAND	GLOBAL	GLOCON	GPI	GULF	GYT	HPT	HTC	ICN	IFS	ILM
IMH	INET	INSURE	IRC	IRCP	IT	ITD	ITEL	J	JAS	JCK
JCKH	JMART	JMT	KBS	KCAR	KGI	KIAT	KOOL	KTIS	KWC	KWM
L&E	LALIN	LDC	LHK	LOXLEY	LPH	LRH	LST	M	MACO	MAJOR
MBAX	MEGA	META	MFC	MGT	MILL	MITSIB	MK	MODERN	MTI	MVP
NETBAY	NEX	NINE	NTV	NWR	OCC	OGC	OSP	PATO	PB	PDG
PDI	PICO	PIMO	PJW	PL	PM	PPP	PRIN	PRINC	PSTC	PT
QLT	RCL	RICHY	RML	RPC	RWI	S11	SALEE	SAMCO	SANKO	SAPPE
SAWAD	SCI	SCP	SE	SEG	SFP	SGF	SHR	SIAM	SINGER	SKE
SKR	SKY	SMIT	SMT	SNP	SPA	SPC	SPCG	SR	SRICHA	SSC
SSF	STANLY	STI	STPI	SUC	SUN	SYNEX	T	TAE	TAKUNI	TBSP
TCC	TCMC	TEAM	TEAMG	TFG	TIGER	TITLE	TKN	TKS	TM	TMC
TMD	TMI	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY
TPS	TRITN	TRT	TRU	TSE	TVT	TWP	UEC	UMI	UOBKH	UP
UPF	UPOIC	UT	UTP	UWC	VL	VNT	VPO	WIICK	WP	XO
YUASA	ZEN	ZIGA	ZMICO							

GOOD LEVEL

7UP	A	ABICO	AJ	ALL	ALUCON	AMC	APP	ARIN	AS	AU
B52	BC	BCH	BEAUTY	BGT	BH	BIG	BKD	BLAND	BM	BR
BROCK	BSBM	BSM	BTNC	CAZ	CCP	CGD	CITY	CMAN	CMO	CMR
CPT	CPW	CRANE	CSR	D	EKH	EP	ESSO	FMT	GIFT	GREEN
GSC	GTB	HTECH	HUMAN	IHL	INOX	INSET	IP	JTS	JUBILE	KASET
KCM	KKC	KUMWEL	KUN	KWG	KYE	LEE	MATCH	MATI	M-CHAI	MCS
MDX	MJD	MM	MORE	NC	NDR	NER	NFC	NNCL	NPK	NUSA
OCEAN	PAF	PF	PK	PLE	PMTA	POST	PPM	PRAKIT	PRECHA	PRIME
PROUD	PTL	RBF	RCI	RJH	ROJNA	RP	RPH	RSP	SF	SFLEX
SGP	SISB	SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STARK	STC
SUPER	SVOA	TC	TCCC	THMUI	TIW	TNH	TOPP	TPCH	TPIPP	TPLAS
TTI	TYCN	UKEM	UMS	VCOM	VRANDA	WIN	WORK	WPH		

Description	Score Range
Excellent	90-100
Very Good	80-89
Good	70-79

Disclaimer:

The disclosure of the survey results 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 results may be changed after that date. FSS International Investment Advisory Company Limited does not confirm nor certify the accuracy of such survey results.

* CGR scoring should be considered with news regarding wrong doing of the company or director or executive of the company such unfair practice on securities trading, fraud, and corruption SEC imposed a civil sanction against insider trading of director and executive; ** delisted

Source: Thai Institute of Directors Association (IOD); FSSIA's compilation

Anti-corruption Progress Indicator 2020

CERTIFIED											
2S	ADVANC	AI	AIE	AIRA	AKP	AMA	AMANAH	AP	AQUA	ARROW	
ASK	ASP	AYUD	B	BAFS	BANPU	BAY	BBL	BCH	BCP	BCPG	
BGC	BGRIM	BJCHI	BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG	
CEN	CENTEL	CFRESH	CGH	CHEWA	CHOTI	CHOW	CIG	CIMBT	CM	CMC	
COL	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DELTA	DEMCO	DIMET	
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FPI	FPT	FSS	
FTE	GBX	GC	GCAP	GEL	GFPT	GGC	GJS	GPSC	GSTEEL	GUNKUL	
HANA	HARN	HMPRO	HTC	ICC	ICHI	IFS	INET	INSURE	INTUCH	IRPC	
ITEL	IVL	K	KASET	KBANK	KBS	KCAR	KCE	KGI	KKP	KSL	
KTB	KTC	KWC	L&E	LANNA	LHFG	LHK	LPN	LRH	M	MAKRO	
MALEE	MBAX	MBK	MBKET	MC	MCOT	MFC	MFEC	MINT	MONO	MOONG	
MPG	MSC	MTC	MTI	NBC	NEP	NINE	NKI	NMG	NNCL	NSI	
NWR	OCC	OCEAN	OGC	ORI	PAP	PATO	PB	PCSGH	PDG	PDI	
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPPM	
PPS	PREB	PRG	PRINC	PRM	PSH	PSL	PSTC	PT	PTG	PTT	
PTTEP	PTTGC	PYLON	Q-CON	QH	QLT	QTC	RATCH	RML	RWI	S & J	
SABINA	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SEAOIL	SE-ED	SELIC	
SENA	SGP	SIRI	SITHAI	SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK	
SPC	SPI	SPRC	SRICHCHA	SSF	SSSC	SST	STA	SUSCO	SVI	SYNTPEC	
TAE	TAKUNI	TASCO	TBSP	TCAP	TCMC	TFG	TFI	TFMAMA	THANI	THCOM	
THIP	THRE	THREL	TIP	TIPO	TISCO	TKT	TTB	TMD	TMILL	TMT	
TNITY	TNL	TNP	TNR	TOG	TOP	TPA	TPCORP	TPP	TRU	TSC	
TSTH	TTCL	TU	TVD	TVI	TVOD	TWPC	U	UBIS	UEC	UKEM	
UOBKH	UWC	VGI	VIH	VNT	WACOAL	WHA	WHAUP	WICE	WIIK	XO	
ZEN	TRUE										
DECLARED											
7UP	ABICO	AF	ALT	AMARIN	AMATA	AMATAV	ANAN	APURE	B52	BKD	
BM	BROCK	BUI	CHO	CI	COTTO	DDD	EA	EFORL	EP	ERW	
ESTAR	ETE	EVER	FSMART	GPI	ILINK	IRC	J	JKN	JMART	JMT	
JSP	JTS	KWG	LDC	MAJOR	META	NCL	NOBLE	NOK	PK	PLE	
ROJNA	SAAM	SAPPE	SCI	SE	SHANG	SINGER	SKR	SPALI	SSP	STANLY	
SUPER	SYNEX	THAI	TKS	TOPP	TRITN	TTA	UPF	UV	WIN	ZIGA	

Level

Certified	This level indicates practical participation with thorough examination in relation to the recommended procedures from the audit committee or the SEC's certified auditor, being a certified member of Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) or already passed examination to ensure independence from external parties.
Declared	This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

Disclaimer:

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of Thaipat Institute that is a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, FSS International Investment Advisory Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment results.

Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of June 24, 2019) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Source: The Securities and Exchange Commission, Thailand; * FSSIA's compilation

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Naruedom Mujjalinkool FSS International Investment Advisory Securities Co., Ltd

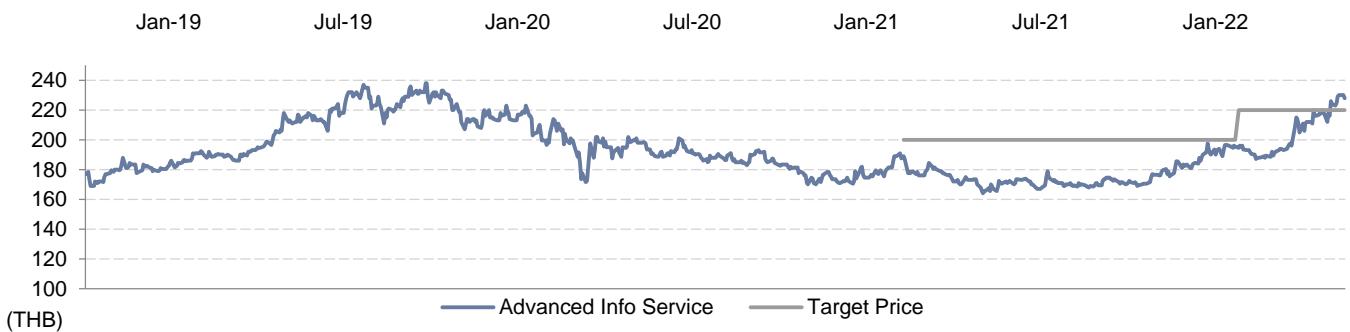
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed herein.

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History of change in investment rating and/or target price

Advanced Info Service (ADVANC TB)



Naruedom Mujjalinkool started covering this stock from 16-Dec-2020

Price and TP are in local currency

Source: FSSIA estimates

True Corporation (TRUE TB)

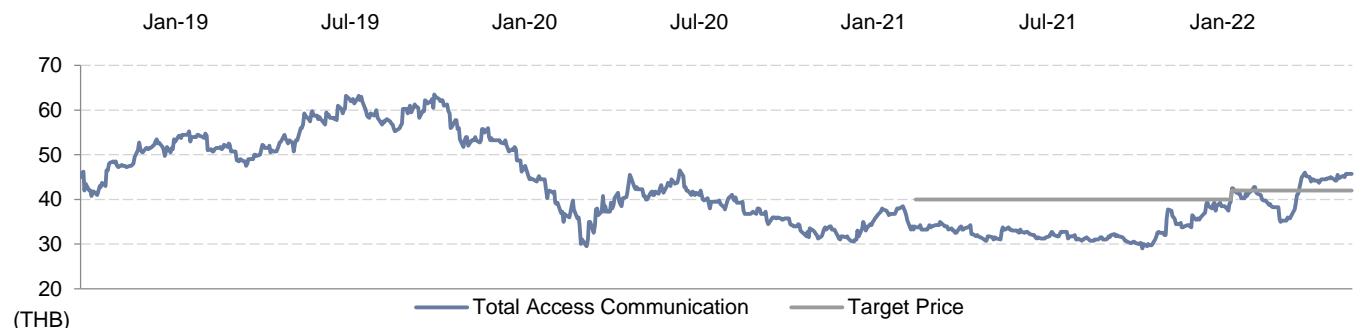


Naruedom Mujjalinkool started covering this stock from 29-Dec-2020

Price and TP are in local currency

Source: FSSIA estimates

Total Access Communication (DTAC TB)



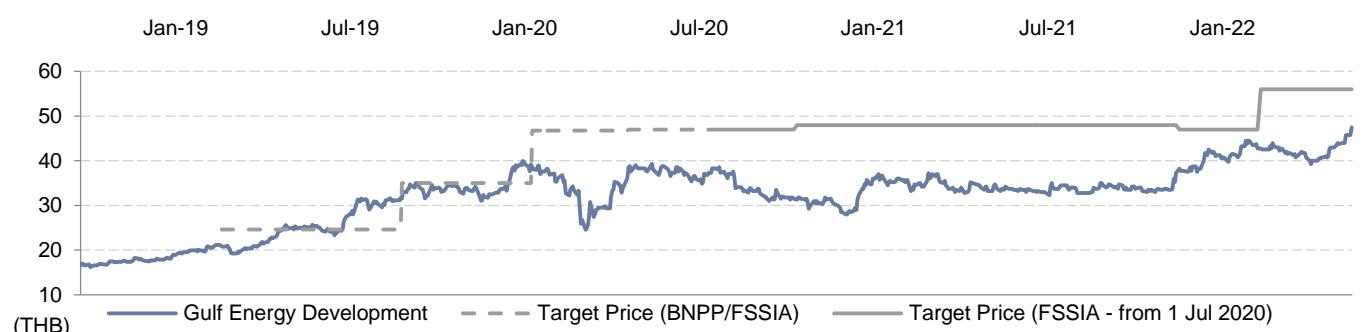
Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
24-Dec-2020	BUY	40.00	22-Sep-2021	HOLD	42.00	-	-	-

Naruedom Mujjalinkool started covering this stock from 24-Dec-2020

Price and TP are in local currency

Source: FSSIA estimates

Gulf Energy Development (GULF TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
08-May-2019	BUY	24.60	22-Apr-2020	BUY	47.00	15-Oct-2021	BUY	56.00
10-Oct-2019	BUY	35.00	11-Sep-2020	BUY	48.00			
30-Jan-2020	BUY	46.80	06-Aug-2021	BUY	47.00			

Suwat Sinsadok, CFA, FRM, ERP started covering this stock from 30-Jun-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Advanced Info Service	ADVANC TB	THB 228.00	BUY	The key downside risks to our DCF-based TP are stronger-than-expected competition in the mobile market and the slower-than-expected adoption of 5G use cases.
True Corporation	TRUE TB	THB 4.72	HOLD	The key upside and downside risks to our DCF-based TP are if the 5G subscription gains and ARPU are better or worse than our expectation, if the company can reduce its costs better or worse than we expect, and if there is a faster or slower-than-expected adoption of 5G use cases.
Total Access Communication	DTAC TB	THB 45.75	HOLD	The key downside and upside risks to our DCF-based TP are if the 5G subscription losses are worse than our expectation, the cost of the 3500MHz band is higher than our expectation, if there is stronger or weaker-than-expected competition in the mobile market, and if there is a faster or slower-than-expected adoption of 5G use cases.
Gulf Energy Development	GULF TB	THB 47.50	BUY	The downside risks to our SoTP-based TP on GULF include 1) lower-than-expected demand for electricity in Thailand; 2) a lower crude price; and 3) delays in project commercial operation dates.

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

FSSIA may incorporate the recommendations and target prices of companies currently covered by FSS Research into equity research reports, denoted by an 'FSS' before the recommendation. FSS Research is part of Finansia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 04-Jan-2022 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.