8 DECEMBER 2020 THAILAND / REAL ESTATE

AP (THAILAND) AP TB





TARGET PRICE THB9.50

CLOSE THB7.70

UP/DOWNSIDE +23.4%

TP vs CONSENSUS +18.9%

กำไรสุทธิสูงเป็นประวัติการณ์แม้ว่ามีโรคระบาด

กำไรมีความชัดเจนสูง การประเมินมูลค่าอยู่ในระดับต่ำ และให้ผลตอบแทนดี

เราชอบ AP จาก 1) ความชัดเจนของกำไรของบริษัทฯ อยู่ในระดับสูงในปี 2021-22E โดย AP มียอดขายโครงการคอนโดจำนวนมากในช่วง 2Q17-1Q19 ซึ่งอยู่ที่มากกว่า 5.0 พัน ลบ. ต่อไตรมาส ซึ่งจะทยอยรับรู้เป็นรายได้ใต้ในปี 2020-22 เนื่องจากโครงการ ดังกล่าวมีระยะเวลาก่อสร้างเฉลี่ยอยู่ที่ 2-3 ปี; 2) แนวโห้มยอดขายที่ดีสำหรับโครงการ แนวราบ ซึ่งอาจเปลี่ยนเป็นรายได้ได้ภายใน 1 ไตรมาส; 3) ระดับการประเมินมูลค่าที่ น่าสนใจ; และ 4) ผลตอบแทนในรูปเงินปันผลที่ดีในปี 2021-22E โดยอยู่ที่ 5.8-6.3%

ยอดขายโครงการแนวราบสูงเป็นประวัติการณ์ใน 3Q20

AP วางแผนเปิดตัว 12 โครงการมูลค่ารวม 14.0พัน ลบ. ใน 4Q20 (11พัน ลบ. เป็นโครงการ แนวราบ) ซึ่งจะทำให้มูลค่าโครงการเปิดตัวใหม่ในปี 2020 อยู่ที่ 45.0พัน ลบ. (เทียบกับ 47.9 พัน ลบ. ในปี 2019) โครงการใหม่ดังกล่าวจะช่วยสนับสนุนแนวโน้มยอดขายโครงการใน 4Q20-1H21 AP รายงานยอดขายโครงการแนวราบรายไตรมาสสูงเป็นประวัติการณ์ โดยอยู่ที่ 8.1พัน ลบ. ใน 3Q20 พร้อมกับยอดขายโครงการคอนโดจำนวน 900 ลบ. ทำให้ยอดขาย โครงการของบริษัทฯ ในช่วง 9M20 อยู่ที่ 24.1พัน ลบ. คิดเป็นประมาณ 72% ของเป้าหมายทั้ง ปีที่ 33.5พัน ลบ. AP วางแผนเปิดตัว 5 โครงการในต่างจังหวัดใน 4Q20 รวมมูลค่า 4.7พัน ลบ. เราคาดว่าโครงการดังกล่าวจะมีอัตราการจองเฉลี่ยอยู่ที่ 10% จากชื่อเสียงของโครงการซึ่ง เป็นที่รู้จักและราคาที่แข่งขันได้ในตลาด อัตรากำไรขั้นต้นอาจลดลงเหลือ 27-28% เมื่อเทียบกับ อัตรากำไรขั้นต้นเฉลี่ยสำหรับโครงการแนวราบที่ 30% เนื่องจากยังอยู่ในชาวงเริ่มต้นของการ บกตลาดต่างจังหวัด

ยอดขายรอรับรู้เป็นรายได้มีคุณภาพดี รองรับ 61% ของประมารการรายได้ในปี 2021

AP รายงานยอดขายคอนโดรอรับรู้เป็นรายได้จำนวน 37พัน ลบ. ใน 3Q20 จากตัวเลขดังกล่าว บริษัทฯ ควรรับรู้ประมาณ 15.0พัน ลบ. และ 11.0พัน ลบ. เป็นรายได้ในปี 2021-22 เรามองว่า ยอดขายให้ลูกค้าในต่างประเทศ (ประมาณ 30% ของยอดขายรวม) มีความเสี่ยงที่จะถูกยกเลิก ต่ำ เนื่องจาก AP เก็บเงินมัดจำ 20-30% (เทียบกับอัตราปกติที่ 10-15% ของลูกค้าในประเทศ) เราคาดว่าบริษัทฯ จะขายโครงการคอนโดพร้อมขายในราคาปกติ ยกเว้น Life Sathorn Sirrea (มูลค่า 6.3พัน ลบ., ขายได้ 23%, เปิดตัว 3Q19) โครงการดังกล่าวอยู่ในตลาดพลู ซึ่งเป็นทำเล ที่มีการแข่งขันสูงและมีราคาขายเฉลี่ยอยู่ที่ 80k-90k/ตรม. โดยบริษัทฯ ตั้งเป้าจับตลาด ระดับกลางถึงล่าง ซึ่งอาจได้รับผลกระทบจากมาตรการลดอัตราส่วนสินเชื่อต่อมูลค่าบ้าน (LTV)

หุ้นเด่นในกลุ่มอสังหาริมทรัพย์

เรากลับมาเริ่มรายงาน AP ด้วยคำแนะนำซื้อที่ราคาเป้าหมาย 9.5 บาท ราคาดังกล่าวคิดจาก ค่า 2021E P/E ที่ 7.5x เทียบเท่า 0.5SD ของค่าเฉลี่ยย้อนหลัง 5 ปี แม้ว่ากำไรของ AP ในปี 2021 มีแนวโน้มทรงตัว อัตราการเติบโตดังกล่าวเกิดจากฐานที่สูงในปี 2020E เนื่องจากเราคาด ว่าบริษัทฯ จะรายงานกำไรสูงเป็นประวัติการณ์ในปีนี้ ปัจจุบันหุ้นมีการประเมินมูลค่าในระดับที่ ต่ำเพียง 6.1x ของค่า 2021E P/E เทียบกับค่าเฉลี่ยของกลุ่มฯ ที่ 9.3x นอกจากนี้เรายังเห็น โอกาสที่ผลประกอบการจะสูงเกินคาดจากโครงการใหม่ในต่างจังหวัด ซึ่งมีอัตราการจองที่น่าพึง พอใจ

KEY STOCK DATA

YE Dec (THB m)	2019	2020E	2021E	2022E
Revenue	23,802	28,794	28,188	29,231
Net profit	3,068	4,026	3,980	4,363
EPS (THB)	0.98	1.28	1.27	1.39
vs Consensus (%)	-	8.9	9.6	18.0
EBITDA	2,851	3,349	3,610	3,888
Core net profit	2,991	4,026	3,980	4,363
Core EPS (THB)	0.95	1.28	1.27	1.39
Chg. In EPS est. (%)	nm	nm	nm	nm
EPS growth (%)	(24.4)	34.6	(1.1)	9.6
Core P/E (x)	8.1	6.0	6.1	5.6
Dividend yield (%)	5.2	5.2	5.8	6.3
EV/EBITDA (x)	18.0	15.6	12.9	11.5
Price/book (x)	0.9	8.0	0.8	0.7
Net debt/Equity (%)	102.8	96.0	70.1	59.0
ROE (%)	11.8	14.5	13.1	13.2



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	20.3	23.2	16.7
Relative to country (%)	1.4	11.5	26.0
Mkt cap (USD m)			803
3m avg. daily turnover (USD) m)		3.2
Free float (%)			66
Major shareholder	Mr. Anuphong	Assavabho	khin (21%)
12m high/low (THB)			7.95/3.40
Issued shares (m)			3,145.90

Sources: Bloomberg consensus; FSSIA estimates



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Investment thesis

In 2014, AP formed a JV with MJRT, a subsidiary of Mitsubishi Estate (8802 JP), with a 51% stake. the JV strategy allowed AP to undertake more condo projects and helped to ease the capital intensity of condo development. For condo projects that have been launched, the average take-up rate was 75% at end-2019, driven by AP's Japanese partner which has provided its interior and exterior design know-how.

We like AP due to 1) its high earnings visibility in 2021-22E. AP achieved high condominium presales during 2Q17-1Q19 at above THB5.0b per quarter which should be recognized in 2020-22 due to the average construction period of 2-3 years; 2) its solid presales momentum from low-rise projects which could turn to revenue within a quarter; 3) its undemanding valuation; and 4) its decent 2021-22E dividend yield at or above 6%.

Company profile

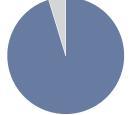
Founded by Mr Anuphong Assavabhokhin and Mr Pichet Vipavasuphakorn in 1991, AP was listed in 2000 after being merged with the PCM Precast Floors Plc, which was founded by Land & Houses Plc. AP has no cross shareholdings with LH.

www.apthai.com

Principal activities (revenue, 2019)

Sales - 95.3 %

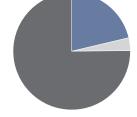
Service income - 4.7 %



Source: AP (Thailand)

Major shareholders

- Mr. Anuphong Assavabhokhin -21.3 %
- Vipavasuphakorn Family 3.5 %
- Others 75.2 %



Source: AP (Thailand)

Catalyst

Potential catalysts to drive AP's share price include:

- 1) New launches with successful take-up rates from condominiums;
- 2) Higher-than-expected feedback from their provincial projects.

Risk to our call

Downside risks to our TP are declining profitability from rising cost pressure in tandem with weakening pricing power and increased competition, such that it hurts take-up rates. This is especially true for condominium projects which typically have more units than low-rise projects.

Event calendar

Date	Event
February 2021	4Q20 results announcement

Key assumptions

	2019	2020E	2021E	2022E
	(%)	(%)	(%)	(%)
Residential sales (THB m)	22,679	27,637	26,996	28,003
Residential sales growth	(13.4)	21.9	(2.3)	3.7
Residential GPM	32.1	30.3	31.4	31.9
SG&A to sales	22.9	20.7	20.9	20.9
Equity income from JV (THB m)	1,009	1,700	1,445	1,589

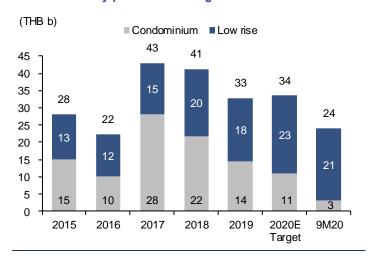
Source: FSSIA estimates

Earnings sensitivity

- For every 1% increase in residential revenue, we project 2021 earnings to rise by 0.6%, and vice versa, all else being equal.
- For every 1% increase in GPM, we project 2021 earnings to rise by 5.9%, and vice versa, all else being equal.
- For every 1% increase in SG&A to sales, we project 2021 earnings to drop by 5.8%, and vice versa, all else being equal.

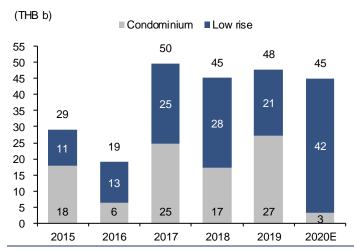
Source: FSSIA estimates

Exhibit 1: Yearly presales and target



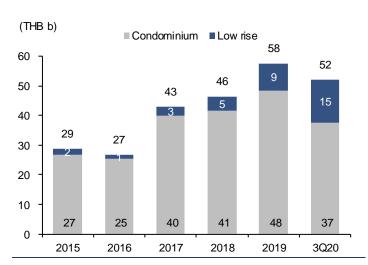
Sources: AP; FSSIA's compilation

Exhibit 3: New launch plan



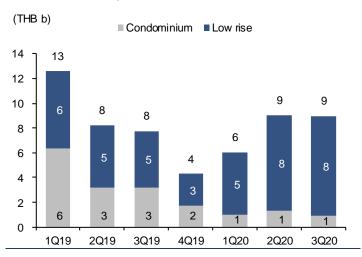
Source: AP estimates

Exhibit 5: Backlog



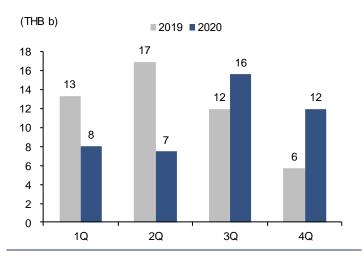
Sources: AP; FSSIA's compilation

Exhibit 2: Quarterly presales



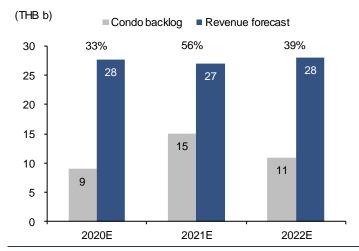
Sources: AP; FSSIA's compilation

Exhibit 4: Launch plan by quarter



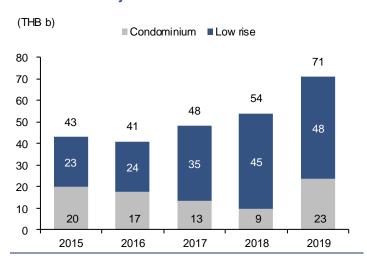
Sources: AP; FSSIA's compilation

Exhibit 6: Condo backlog transfer schedule vs revenue forecast



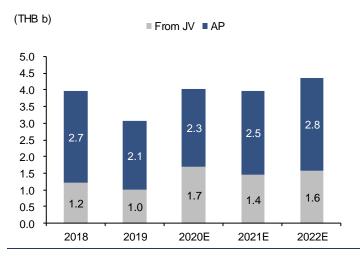
Sources: AP; FSSIA estimates

Exhibit 7: Inventory



Sources: AP; FSSIA's compilation

Exhibit 9: Net profit contribution breakdown



Sources: AP; FSSIA estimates

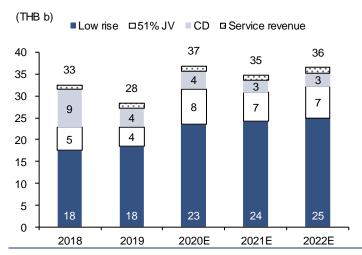
Exhibit 11: Condominium portfolio

Condominium Portfolio



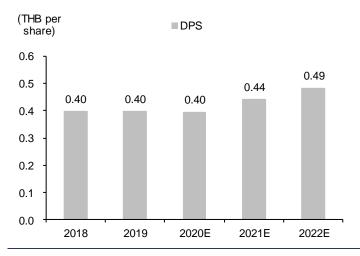
Source: AP

Exhibit 8: Revenue breakdown



Sources: AP; FSSIA estimates

Exhibit 10: Dividend per share



Sources: AP; FSSIA estimates

Exhibit 12: Low-rise portfolio



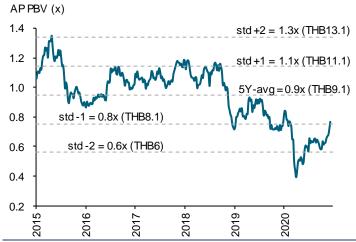
Source: AP

Exhibit 13: Rolling one-year forward P/E band



Sources: Bloomberg; FSSIA estimates

Exhibit 14: Rolling one-year forward P/BV band



Sources: Bloomberg; FSSIA estimates

Exhibit 15: Schedule of condominium transfers as of 30 Sep 2020

Condo projects	Project value	Total units	Units sold	Accumulated transfer 2019	20E	21E	22E	23E	24E	Launch year	Estimated transfer start	Estimated transfer finish
	(THB m)	(no.)	(%)	(%)	(%)	(%)	(%)	(%)	(%)			
Aspire Ngamwongwan	2,750	1,458	100	93	7					4Q10	4Q16	Completed
Vittorio	3,200	88	100	99	1					1Q13	2Q18	Completed
Aspire Udornthani	620	413	100	95	5					1Q13	1Q15	Completed
Aspire Rattanatibet II	2,900	1,428	87	75	15	10				1Q13	1Q16	4Q21
Coo Phitsanulok	650	448	100	87	13					4Q13	4Q15	Completed
Aspire Erawan Phase 1	3,500	1,576	100	85	15					3Q15	4Q17	4Q20
Aspire Sathorn-Taksin Phase 3	1,260	613	100	98	2					2Q16	4Q16	Completed
Aspire Sathorn-Ratchaphreuk	3,000	1,049	97	58	25	17				1Q18	4Q18	4Q21
Aspire Sukhumvit-Onnut Phase I	1,600	553	44	0	60	40				1Q19	1Q20	4Q21
Aspire Asoke-Ratchada	2,900	1,025	95	0	45	55				1Q19	3Q20	4Q21
Aspire Erawan Prime	3,200	1,275	0	0			35	35	30	4Q20	4Q22	4Q24
Total	25,580	9,926	93									
JV projects												
Life Pinklao	2,800	803	100	90	10					4Q15	4Q17	Completed
Life Ladprao	8,000	1,615	93	0	55	45				2Q17	1Q20	4Q21
Life One Wireless	8,050	1,344	93	44	56					3Q17	4Q19	4Q20
Life Asoke - Rama 9	9,800	2,248	94	0	40	45	15			4Q17	3Q20	2Q22
Life Sukhumvit 62	2,050	438	100	52	48					1Q18	4Q19	4Q20
Life Ladprao Valley	6,400	1,140	69	0		40	50	10		3Q18	3Q21	2Q23
Life Asoke - Hype	5,700	1,253	79	0		35	40	25		4Q18	4Q21	2Q23
Rhythm Ekkamai Estate	3,200	303	31	0		50	50			1Q19	3Q21	4Q22
The Address Siam - Ratchathewi	8,800	880	34	0			30	45	25	2Q19	2Q22	2Q24
Life Sathorn Sierra	6,300	1,971	31	0			40	30	30	3Q19	2Q22	3Q24
Rhythm Charoenkrung Pavillion	4,700	421	55	0			20	55	25	4Q19	4Q22	2Q24
Total of JV projects	65,800	12,416	73									

Sources: AP; FSSIA's compilation

Exhibit 16: Projects launches in 2020

Project name	Area	Units	Project value	% sold unit*	Launch period
	(rai)	(no.)	(THB m)	(%)	
Pleno Ratchapruek - Chaengwattana	30	301	770	20	1Q20
Pleno Ramintra - Bangchan station	27	252	850	26	1Q20
Pleno Rama 9 - Krungthep Kreetha 2	32	316	1,200	17	1Q20
Baan Klang Muang The Edition Bangna - Wongwaen (Business district)	2	17	180	47	2Q20
District Theparak	4	40	180	20	3Q20
Pleno Rattanathibet - Bangyai	39	421	1,050	13	3Q20
Baan Klang Muang The Edition Sathorn - Suksawat	34	299	1,725	8	3Q20
Pleno Srinakarin - Thepharak	31	299	940	17	3Q20
Pleno Tiwanon	50	498	1,400	7	3Q20
Pleno Suksawat - Prachauthit	54	492	1,185	10	3Q20
Pleno Suksawat 30 (2)	29	342	1,180	13	3Q20
Baan Klang Muang Ratchapruek - Sathorn	37	364	1,780	8	3Q20
Pleno Rangsit	31	358	700		4Q20
Baan Klang Muang Phahol - Ramintra	27	272	1,400		4Q20
Grande Pleno Ramintra - Wongwaen	18	80	430		4Q20
Pleno Ramintra - Jatuchote	18	171	540		4Q20
Baan Klang Muang Ramintra 83 station	53	458	2,270		4Q20
Baan Klang Muang Srinakarin - Onnut	14	155	750		4Q20
Townhouse			18,530		
Centro Bangna - Kingkaew	62	294	1,930	14	1Q20
The City Saphan Mahachesadabodin	27	76	1,165	21	1Q20
Centro Chaiyapruek 345	33	161	870	22	1Q20
The City Suksawat 64	30	116	1,240	17	1Q20
Centro Saphan Mahachesadabodin 2	28	102	900	24	2Q20
Centro Prachauthit 90	51	256	1,150	19	2Q20
The City Rama 9 - Krungthep Kreetha	21	76	1,000	28	2Q20
Centro Sathorn - Kalpapruek	38	173	1,500	34	2Q20
The City Ramintra 2	33	114	1,140	27	2Q20
The City Sathorn - Kalpapruek	31	121	1,580	20	2Q20
The City Rama 2 - Phuttha Bucha	30	112	1,210	12	3Q20
The Palazzo Pinklao	30	45	1,440	16	3Q20
Centro Ratchapruek - Suan Phak 2	16	68	570	56	3Q20
The City Rama 9 - Ramkhamhaeng	36	130	1,650	4	3Q20
Centro rama 9 - Krungthep Kreetha	32	127	1,135	9	3Q20
The City Sathorn - Suksawat 2	4	6	150	100	3Q20
The City Boromarajonani - Thawiwatthana	32	82	950	.00	4Q20
The City Sukhumvit - Onnut	24	88	1,280		4Q20
Single Detached House	_,		20,860		. 320
Api Town Nakhornsrithammarat	35	215	650		4Q20
Api Town Rayong	46	286	800		4Q20 4Q20
Api Town Khonkaen	45	279	980		4Q20 4Q20
Upcountry	40	219	2,430		4020
	6	1 275			4020
Aspire Erawan Prime	6	1,275	3,200		4Q20
Condo			3,200		
Total new launch			45,020		

Sources: AP; FSSIA's compilation

Exhibit 17: Active projects

Brand	Projects	Units	Project value	% sold units	Available for sales
	(no.)	(no.)	(THB m)	(%)	(THB m)
Single-detached house					
Palazzo	2	97	3,249	44	1,761
Mind	2	123	907	95	51
City	15	1,644	21,736	40	12,796
Centro	23	4,823	30,239	55	13,693
SDH - Available for sales	42		56,131		28,300
Townhouse					
Baan Klang Muang	19	3,773	20,873	49	10,836
Pleno	33	10,543	31,401	46	16,893
District	2	76	606	55	167
Sonne	1	56	673	55	300
TH - Available for sales	55		53,553		28,197
Condominium (AP)					
Aspire	5	5,631	13,900	90	1,535
Condo - Available for sales (excl. JV)	5		13,900		1,535
Total ongoing projects available for sales (excl. JV)	102		123,584		58,032
Brand	Projects	Units	Project value	% sold units	Available for sales
	(no.)	(no.)	(THB m)	(%)	(THB m)
The Address	1	880	8,800	34	5,830
Rhythm	2	724	7,900	45	4,329
Life	7	10,009	46,300	77	8,450
JV - Available for sales	10		63,000		18,609

Sources: AP; FSSIA's compilation

Exhibit 18: Key valuations of companies under coverage

	BBG	Rec	Share	price	Up(down)	Market	EPS g	rowth		PE	Div	Yld	R	DE	P	BV
			Current	Target	side	Сар	21E	22E	21E	22E	21E	22E	21E	22E	21E	22E
			(THB)	(THB)	(%)	(USD m)	(%)	(%)	(x)	(x)	(%)	(%)	(%)	(%)	(x)	(x)
AP (Thailand)	AP TB	BUY	7.70	9.50	23	803	(1.1)	9.6	6.1	5.6	5.8	6.3	13.1	13.2	0.8	0.7
Land and Houses	LH TB	BUY	8.20	9.60	17	3,250	17.4	12.2	13.2	11.8	6.3	7.1	13.4	14.5	1.7	1.7
LPN Development	LPN TB	HOLD	4.94	4.70	(5)	238	2.0	4.9	9.5	9.1	5.3	5.5	6.4	6.5	0.6	0.6
Pruksa Holding	PSH TB	HOLD	12.70	12.90	2	922	11.8	11.7	8.1	7.3	7.4	8.2	7.6	8.2	0.6	0.6
Quality Houses	QH TB	HOLD	2.36	2.50	6	839	12.4	11.1	11.4	10.2	6.6	7.3	8.0	8.7	0.9	0.9
Supalai	SPALI TB	BUY	18.80	21.00	12	1,215	21.5	9.8	8.1	7.4	5.9	6.1	12.4	12.7	1.0	0.9
Coverage		•				7,266	12.6	10.8	9.8	8.8	6.3	6.9	10.8	11.5	1.0	1.0

Share prices as of 4 December 2020

Source: FSSIA estimates

Financial Statements

AP (Thailand)

Profit and Loss (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Revenue	27,271	23,802	28,794	28,188	29,23
Cost of goods sold	(18,253)	(15,508)	(19,478)	(18,683)	(19,230
Gross profit	9,018	8,294	9,316	9,505	10,001
Other operating income	0	0	0	0	(
Operating costs	(5,295)	(5,443)	(5,967)	(5,895)	(6,114
Operating EBITDA	3,723	2,851	3,349	3,610	3,888
Depreciation	(86)	(118)	(121)	(134)	(148
Goodwill amortisation	0	0	0	0	(
Operating EBIT	3,637	2,732	3,229	3,475	3,740
Net financing costs	(113)	(238)	(301)	(275)	(235
Associates	1,218	1,009	1,700	1,445	1,589
Recurring non operating income	1,203	1,074	1,782	1,525	1,672
Non recurring items	5	77	0	0	(
Profit before tax	4,732	3,645	4,709	4,725	5,177
Гах	(779)	(581)	(683)	(745)	(815
Profit after tax	3,953	3,064	4,026	3,980	4,363
Minority interests	10	4	0	0	(
Preferred dividends	0	0	0	0	(
Other items	0	0	0	0	(
Reported net profit	3,963	3,068	4,026	3,980	4,363
Non recurring items & goodwill (net)	(5)	(77)	0	0	4,500
Recurring net profit	3,958	2,991	4,026	3,980	4,363
	3,930	2,991	4,020	3,300	4,500
Per share (THB)	4.00		4.00	4.07	4.04
Recurring EPS *	1.26	0.95	1.28	1.27	1.39
Reported EPS	1.26	0.98	1.28	1.27	1.39
DPS	0.40	0.40	0.40	0.44	0.49
Diluted shares (used to calculate per share data)	3,146	3,146	3,146	3,146	3,146
Growth					
Revenue (%)	23.0	(12.7)	21.0	(2.1)	3.7
Operating EBITDA (%)	8.3	(23.4)	17.5	7.8	7.7
Operating EBIT (%)	7.9	(24.9)	18.2	7.6	7.6
Recurring EPS (%)	28.1	(24.4)	34.6	(1.1)	9.6
Reported EPS (%)	25.5	(22.6)	31.2	(1.1)	9.6
Operating performance					
Gross margin inc depreciation (%)	32.8	34.3	31.9	33.2	33.7
Gross margin of key business (%)	31.0	32.1	30.3	31.4	31.9
Operating EBITDA margin (%)	13.7	12.0	11.6	12.8	13.3
Operating EBIT margin (%)	13.3	11.5	11.2	12.3	12.8
Net margin (%)	14.5	12.6	14.0	14.1	14.9
Effective tax rate (%)	22.2	22.7	22.7	22.7	22.7
Dividend payout on recurring profit (%)	31.8	42.1	31.0	35.0	35.0
nterest cover (X)	42.8	16.0	16.6	18.2	23.0
nventory days	765.6	1,069.3	968.9	1,018.0	968.2
Debtor days	3.6	2.4	2.4	2.6	2.5
Creditor days	28.5	39.7	37.0	42.1	40.7
Operating ROIC (%)	7.8	4.9	5.1	5.5	6.0
ROIC (%)	9.0	6.0	6.9	6.9	7.6
ROE (%)	17.2	11.8	14.5	13.1	13.2
ROA (%)	8.6	5.9	7.0	6.8	7.5
Pre-exceptional, pre-goodwill and fully diluted	0.0	ວ.ອ	7.0	0.0	7.3
Revenue By Division (THB m)	2018	2019	2020E	2021E	2022E
Sales	26,200	22,679	27,637	26,996	28,003
Service income	1,071	1,123	1,157	1,192	1,228

Sources: AP (Thailand); FSSIA estimates

Financial Statements

AP (Thailand)

Cash Food Cash	AP (Thailand)					
Depreciation	Cash Flow (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Associators A minorithes 0 0 0 0 0 0 0 0 0	Recurring net profit	3,958	2,991	4,026	3,980	4,363
Chear Change (4.879) (3.41) (3.29) (2.21) (2.22) Change in working capetal (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (4.879) (5.866) (5.	Depreciation					
Change in working capital						
Cash flow from Grantons (1,218) (5,856) 440* 6,900 3,373 Capes - rewinderment (0 (10 (100)		, ,	, ,	, ,	, ,	, ,
Capper - Internation (appear - Internation (both of the Assemblation & A	· · · · · · · · · · · · · · · · · · ·	, , ,		. , ,		, ,
Cappes - new investment 0	•				•	•
Chee Investments (net)	•	, ,	, ,	, ,	, ,	, ,
Cash flow from investing 334 (889) (45) 120 22 Equity finance 163 0 <	Net acquisitions & disposals	268	(1,010)	(198)	(6)	(63)
Display Disp						
Equity finance	5		. ,			
Debt finance	·	,		,	,	, ,
Other Informacing cash flows	• •					
Non-reaguistments		,			,	, ,
Other adjustments 0	Cash flow from Financing	777	6,074	(473)	(7,048)	(3,247)
Not other adjustments	Non-recurring cash flows	-	-	-	-	-
Movement in cash (103) (381) (111) 62 149 Five cash flow to firm (FCFF) (75734) (6,207 77) 663.77 7,308.73 Five cash flow to equity (FCFE) 982.54 877.36 1,136.86 1,485.15 1,675.96 Per share (THE) (1.97) (2.1 2.35 1.15 FCFF per share (0.24) (1.97) (2.1 2.35 1.15 FCFF per share (0.24) (1.97) (2.1 2.25 1.15 FCFF per share (0.24) (1.97) (2.1 2.25 1.15 FCFF per share (0.24) (2.08) (2.08) (2.08) (2.08) Balance Sheet (THB m) Year Ending Dec (2.018) (2.019) (2.018) (2.021 (2	·					
Free cash flow to Imm (FCPF)	•					
Per share (THB)		` '		, ,		
Por share (THB)	* *	, ,				
FCFF per share	. , , ,			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,	1,01000
PCFE per share 0.32		(0.24)	(1.07)	0.21	2.25	1 15
	•	` '				
Tangible fixed asset (gross) 868 966 1,115 1,265 1,415 Loss: Accumulated depreciation (386) (425) (518) (626) (746) Tangible fixed assets (Net) 483 541 597 639 668 Intangible fixed assets (Net) 0 0 0 0 0 On On On On On On On Invest. In associates & subsidiaries 4,497 5,453 5,453 5,453 5,453 Long-term financial assets 570 459 521 670 A/C receivable 141 169 205 200 208 Inventories 41,149 49,715 53,695 50,523 51,495 Other current assets 1,044 1,016 1,229 1,204 1,248 Current assets 43,266 51,470 55,588 52,448 53,621 Current assets 41,249 41,016 1,229 1,204 1,248 Current assets 49,395 58,794 63,247 60,116 61,376 Common equity 24,504 26,313 29,091 31,678 34,514 Minorities etc. 1(3) (17) (17) (17) (17) (17) Common equity 24,491 26,296 29,074 31,661 34,497 Long term debt 13,240 14,927 15,978 12,795 11,826 Comer debt 1,617 1,753 2,199 2,112 2,174 Long-term liabilities 1,617 1,753 2,199 2,112 2,174 Cother long-term liabilities 1,617 1,753 2,999 3,006 3,066 Courrent liabilities and shareholders' equity 49,395 58,794 63,247 60,116 61,376 Cother long-term liabilities 1,617 1,753 2,999 3,006 3,066 Cother long-term liabilities 1,617 1,757 1,557 1,556 1,421 Cother long-term liabilities 1,617 1,757 1,557 1,561 1,421 Cother long-term liabilities 1,617 1,617 1,517 Cother long-term liabilities 1,617 1,617 1,517 Cother long-term liabilities 1,617 1,617 1,617 Cother long-term liabilities 1,617 1,617 1,617 Cother long-term liabilities 1,617						
Tangible fixed asset (gross) 868 966 1,115 1,265 1,415 Loss: Accumulated depreciation (386) (425) (518) (626) (746) Tangible fixed assets (Net) 483 541 597 639 668 Intangible fixed assets (Net) 0 0 0 0 0 On On On On On On On Invest. In associates & subsidiaries 4,497 5,453 5,453 5,453 5,453 Long-term financial assets 570 459 521 670 A/C receivable 141 169 205 200 208 Inventories 41,149 49,715 53,695 50,523 51,495 Other current assets 1,044 1,016 1,229 1,204 1,248 Current assets 43,266 51,470 55,588 52,448 53,621 Current assets 41,249 41,016 1,229 1,204 1,248 Current assets 49,395 58,794 63,247 60,116 61,376 Common equity 24,504 26,313 29,091 31,678 34,514 Minorities etc. 1(3) (17) (17) (17) (17) (17) Common equity 24,491 26,296 29,074 31,661 34,497 Long term debt 13,240 14,927 15,978 12,795 11,826 Comer debt 1,617 1,753 2,199 2,112 2,174 Long-term liabilities 1,617 1,753 2,199 2,112 2,174 Cother long-term liabilities 1,617 1,753 2,999 3,006 3,066 Courrent liabilities and shareholders' equity 49,395 58,794 63,247 60,116 61,376 Cother long-term liabilities 1,617 1,753 2,999 3,006 3,066 Cother long-term liabilities 1,617 1,757 1,557 1,556 1,421 Cother long-term liabilities 1,617 1,757 1,557 1,561 1,421 Cother long-term liabilities 1,617 1,617 1,517 Cother long-term liabilities 1,617 1,617 1,517 Cother long-term liabilities 1,617 1,617 1,617 Cother long-term liabilities 1,617 1,617 1,617 Cother long-term liabilities 1,617	Balance Sheet (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Less' Accumulated depreciation (386) (425) (518) (626) (746)		868	966	1.115	1.265	1.415
Intangible fixed assets (Net)	,, ,					
Long-term financial assests 0 0 0 0 0 Invest. In associates & subsidiaries 4,497 5,453 5,653 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6453 5,6253 5,0223 51,4956 50,0223 51,4956 50,0223 51,4956 50,0223 51,4956 50,0223 51,4956 50,0223 51,4956 50,0223 51,4956 50,0223 51,4956 50,0223 51,4956 51,4746 51,588 52,448 53,621 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61,376 60,0116 61	Tangible fixed assets (Net)	483	541	597	639	668
Invest in associates & subsidiaries	• , ,					
Cash & equivalents 951 570 459 521 670 ACV Crecivable 141 1689 205 200 208 Inventories 41,149 49,715 53,695 50,523 51,495 Other current assets 1,044 1,016 1,229 1,204 1,248 Current assets 43,266 51,470 55,588 52,448 53,621 Other assets 1,129 1,330 1,609 1,575 1,634 Total assets 49,395 58,794 63,247 60,116 61,376 Common equity 24,504 26,131 29,091 31,678 34,514 Minorities etc. (13) (17) <th< td=""><td>•</td><td></td><td></td><td></td><td></td><td></td></th<>	•					
AC receivable Inventories 141 169 205 200 208 Inventories Inventories 41,149 49,715 53,695 50,523 51,495 Current assets 1,044 1,016 1,229 1,204 1,248 Current assets 43,286 51,470 55,588 52,448 53,621 Other assets 1,129 1,330 1,609 1,575 1,634 Total assets 49,395 58,794 63,247 60,116 61,376 Common equity 24,501 26,313 29,091 31,678 34,514 Minorities etc. (13) (17)			,	,		,
Inventories	•					
Current assets 43,286 51,470 55,588 52,448 53,621 Other assets 1,129 1,330 1,609 1,575 1,634 Total assets 49,395 58,794 62,427 60,116 1,376 Common equity 24,504 26,313 29,091 31,678 34,514 Minorities etc. (13) (17) (17) (17) (17) (17) (17) (17) (17) 1017 7018 34,514 26,296 29,074 31,661 34,971 1019 11,262 609 632 11,269 11,262 609 632 11,269 11,262 609 632 109 42,491 26,523 15,481 16,600 13,404 12,489 11,240 2,489 2,112 2,174 2,174 2,174 2,174 2,174 2,174 2,174 2,174 2,174 3,161 3,142 4,14 19,309 3,181 2,174 2,174 3,175 2,162 3,006 3,066						
Other assets 1,129 1,330 1,609 1,575 1,634 Total assets 49,395 58,794 63,247 60,116 61,376 Common equity 24,504 26,313 29,091 31,678 43,514 Minorities etc. (13) (17)	Other current assets	1,044	1,016	1,229	1,204	1,248
Total assets 49,395 58,794 63,247 60,116 61,376 Common equity 24,504 26,313 29,091 31,678 34,514 Minorities etc. (13) (17) (18) 34,497 (18,60 11,617 (17,53 2,199 2,112 2,174 2,745 2,745 2,620 2,999 3,006 3,066 2,771 2,755 2,623 2,999 3,006 3,066 2,007 3,006 3,066 2,007 3,006 3,066 2,007 3,006 3,066 2,007 3,006 3,066 2,007 3,006 3,006 3,006 3,006 3,006 3,00		·	•	•	•	
Common equity 24,504 26,313 29,091 31,678 34,514 Minorities etc. (13) (17)						
Minorities etc. (13) (17) (17) (17) (17) Total Shareholders' equity 24,491 26,296 29,074 31,661 34,497 Long term debt 13,240 14,927 15,978 12,795 11,826 Other long-term liabilities 417 514 622 609 632 Long-term liabilities 13,657 15,441 16,600 13,404 12,458 A/C payable 1,617 1,753 2,199 2,112 2,174 Short term debt 7,035 12,680 12,404 9,933 9,181 Other current liabilities 2,595 2,623 2,969 3,006 3,066 Current liabilities and shareholders' equity 49,335 58,794 63,247 60,116 61,376 Net working capital 44,231 53,847 57,620 56,461 47,711 Invested capital 44,231 53,847 57,620 50,467 10.07 10.97 Farae (THB) Book value per sha						
Total Shareholders' equity 24,491 26,296 29,074 31,661 34,497 Long term debt 13,240 14,927 15,978 12,795 11,826 Other long-term liabilities 131,657 15,441 16,600 13,404 12,458 A/C payable 1,617 1,753 2,199 2,112 2,174 Short term debt 7,035 12,680 12,404 9,933 9,181 Other current liabilities 2,595 2,623 2,969 3,006 3,066 Current liabilities and shareholders' equity 49,395 58,794 63,247 60,116 61,376 Net working capital 38,122 46,524 49,961 46,810 47,711 Invested capital 44,231 53,847 57,620 54,477 55,466 Per share (THB) Book value per share 7.79 8.36 9,25 10,07 10,97 Tangible book value per share 7.79 8.36 9,25 10,07 10,97 Tangible book						
Long term debt 13,240 14,927 15,978 12,795 11,826 Other long-term liabilities 417 514 622 609 632 Long-term liabilities 13,657 15,441 16,600 13,404 12,458 A/C payable 1,617 1,753 2,199 2,112 2,174 Short term debt 7,035 12,680 12,404 9,933 9,181 Other current liabilities 2,595 2,623 2,969 3,006 3,066 Current liabilities and shareholders' equity 49,395 58,794 63,247 60,116 61,376 Net working capital 44,231 53,847 57,620 54,477 55,466 Per share (THB) Book value per share 7.79 8.36 9,25 10,07 10,97 Financial strength Net deb/tiotal assets (%) 78.9 102,8 96.0 70.1 59.0 Net deb/tiotal assets (%) 39.1 46.0 42.2 36.9 33.1 <			, ,	. ,	٠, ,	. ,
Long-term liabilities 13,657 15,441 16,600 13,404 12,458 A/C payable 1,617 1,753 2,199 2,112 2,174 Short term debt 7,035 12,680 2,499 9,333 9,181 Other current liabilities 2,595 2,623 2,969 3,006 3,066 Current liabilities and shareholders' equity 49,395 58,794 63,247 60,16 61,376 Net working capital 38,122 46,524 49,961 46,810 47,711 Invested capital 44,231 53,847 57,620 54,477 55,466 * Includes convertibles and preferred stock which is being treated as debt * Per share (THB) Book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 * Financial strength Net debt/Equity (%) 78.9 102.8 96.0 70.1 59.0 Net debt/Equity	Long term debt	13,240	14,927	15,978	12,795	11,826
A/C payable 1,617 1,753 2,199 2,112 2,174 Short term debt 7,035 12,680 12,404 9,933 9,181 Other current liabilities 2,595 2,623 2,969 3,006 3,066 Current liabilities 11,247 17,057 17,572 15,051 14,421 Total liabilities and shareholders' equity 49,395 58,794 63,247 60,116 61,376 Net working capital 44,231 53,847 57,620 54,477 55,466 *Includes convertibles and preferred stock which is being treated as debt *Per share (THB) Book value per share 7.79 8.36 9.25 10.07 10.97 1 angible book value per share 7.79 8.36 9.25 10.07 10.97 1 angible book value per share 7.79 8.36 9.25 10.07 10.97 *Tengtile book value per share 7.79 8.36 9.25 10.07 10.97 *Tengtile book value per share <t< td=""><td></td><td>417</td><td>514</td><td></td><td>609</td><td></td></t<>		417	514		609	
Short term debt 7,035 12,680 12,404 9,933 9,181 Other current liabilities 2,595 2,623 2,969 3,006 3,066 Current liabilities 11,247 17,057 17,572 15,051 14,421 Total liabilities and shareholders' equity 49,935 58,794 63,247 60,116 61,376 Net working capital 38,122 46,524 49,961 46,810 47,711 Invested capital 44,231 53,847 57,620 54,477 55,466 *Includes convertibles and preferred stock which is being treated as debt *Per share (THB) Book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 *Term (THB)** Net debt/Equity (%) 78.9 10.28 96.0 70.1 59.0 Net debt/Equity (%) 78.9 10.28 96.0 70.1 59.0 Net debt/Equity (%) <td>•</td> <td></td> <td>•</td> <td></td> <td></td> <td>•</td>	•		•			•
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Current liabilities 11,247 17,057 17,572 15,051 14,421 Total liabilities and shareholders' equity 49,395 58,794 63,247 60,116 61,376 Net working capital 38,122 46,524 49,961 46,810 47,711 Invested capital 44,231 53,847 57,620 54,477 55,466 * Includes convertibles and preferred stock which is being treated as debt Per share (THB) Book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 Financial strength 7.79 8.36 9.25 10.07 10.97 Financial strength 9.8 9.6 9.2 10.07 10.97 Financial strength 9.8 9.6 9.2 10.07 10.97 Net debt/Equity (%) 78.9 102.8 96.0 70.1 59.0 Net debt/Equity (%) 39.1 46.0 44.2						
Total liabilities and shareholders' equity 49,395 55,794 63,247 60,116 61,376 Net working capital 38,122 46,524 49,961 46,810 47,711 Invested capital 44,231 53,847 57,620 54,477 55,466 *Includes convertibles and preferred stock which is being treated as debt **Per share (THB) Book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 **Tangible book value per share 7.79 8.36 9.25 10.07 10.97 **Tangible book value per share 7.79 8.36 9.25 10.07 10.97 **Tangible book value per share 7.79 8.36 9.25 10.07 10.97 **Tangible book value per share 7.79 8.36 9.25 10.07 10.97 **Tangible book value per share 7.79 8.36 9.25 10.07 70.1						
Net working capital Invested Capit					•	
* Includes convertibles and preferred stock which is being treated as debt Per share (THB) Book value per share 7.79 8.36 9.25 10.07 10.97 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 Tinancial strength Net debt/Equity (%) 78.9 102.8 96.0 70.1 59.0 Net debt/total assets (%) 39.1 46.0 44.2 36.9 33.1 Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020 2021 2022 2022 2022 2022 2022	Net working capital	38,122	46,524	49,961	46,810	47,711
Per share (THB)	·		53,847	57,620	54,477	55,466
Book value per share 7.79 8.36 9.25 10.07 10.97 Tangible book value per share 7.79 8.36 9.25 10.07 10.97 Financial strength Net debt/Equity (%) 78.9 102.8 96.0 70.1 59.0 Net debt/total assets (%) 39.1 46.0 44.2 36.9 33.1 Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020E 2021E 2022E Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E (x) * 6.1 7.9 6.0 6.1 5.6 Recurring P/E (x) 6.1 7.9 6.0 6.1 5.6 Price/book (x) 1.0 0.9 0	* Includes convertibles and preferred stock which is beir	ng treated as debt				
Tangible book value per share 7.79 8.36 9.25 10.07 10.97 Financial strength Valuation 78.9 102.8 96.0 70.1 59.0 Net debt/total assets (%) 39.1 46.0 44.2 36.9 33.1 Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020E 2021E 2022E Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E @ target price (x) * 7.6 10.0 7.4 7.5 6.9 Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Financial strength Net debt/Equity (%) 78.9 102.8 96.0 70.1 59.0 Net debt/total assets (%) 39.1 46.0 44.2 36.9 33.1 Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020E 2021E 2022E Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E (x) * 7.6 10.0 7.4 7.5 6.9 Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) *** 11.7 18.0 15.6 12.9 11.5 EV/invested capital (x) 1.0 0.9 <td< td=""><td>·</td><td></td><td></td><td></td><td></td><td></td></td<>	·					
Net debt/Equity (%) 78.9 102.8 96.0 70.1 59.0 Net debt/total assets (%) 39.1 46.0 44.2 36.9 33.1 Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020E 2021E 2022E Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E (x) * 7.6 10.0 7.4 7.5 6.9 Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/invested capital (x) 1.0 1.0 0.9		7.79	8.36	9.25	10.07	10.97
Net debt/total assets (%) 39.1 46.0 44.2 36.9 33.1 Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020E 2021E 2022E Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E (x) * 7.6 10.0 7.4 7.5 6.9 Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 </td <td>•</td> <td>70.0</td> <td>102.9</td> <td>06.0</td> <td>70.1</td> <td>F0.0</td>	•	70.0	102.9	06.0	70.1	F0.0
Current ratio (x) 3.8 3.0 3.2 3.5 3.7 CF interest cover (x) 9.8 4.7 4.8 6.3 8.1 Valuation 2018 2019 2020E 2021E 2022E Recurring P/E (x) * 6.1 8.1 6.0 6.1 5.6 Recurring P/E (x) * 7.6 10.0 7.4 7.5 6.9 Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.9 0.9						
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Recurring P/E @ target price (x) * 7.6 10.0 7.4 7.5 6.9 Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8	Valuation	2018	2019	2020E	2021E	2022E
Reported P/E (x) 6.1 7.9 6.0 6.1 5.6 Dividend yield (%) 5.2 5.2 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) *** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8	Recurring P/E (x) *	6.1	8.1	6.0	6.1	5.6
Dividend yield (%) 5.2 5.2 5.2 5.8 6.3 Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8						
Price/book (x) 1.0 0.9 0.8 0.8 0.7 Price/tangible book (x) 1.0 0.9 0.8 0.8 0.7 EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8						
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EV/EBITDA (x) ** 11.7 18.0 15.6 12.9 11.5 EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8	* *					
EV/EBITDA @ target price (x) ** 13.2 20.0 17.3 14.4 12.9 EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8	• • • • • • • • • • • • • • • • • • • •					
EV/invested capital (x) 1.0 1.0 0.9 0.9 0.8	* *					
* Pre-exceptional & pre-goodwill are fully diluted	• , , ,					
	* Pre-exceptional & pre-goodwill are fully diluted ** EE	BITDA includes associa	te income and recu	rring non operating	income	

Sources: AP (Thailand); FSSIA estimates

Corporate Governance report of Thai listed companies 2019

EXCELLE	NT LEVEL									
AAV	ADVANC	AIRA	AKP	AKR	AMA	AMATA	AMATAV	ANAN	AOT	AP
ARROW	BAFS	BANPU	BAY	BCP	BCPG	BOL	BRR	BTS	BTW	BWG
CFRESH	CHEWA	СНО	CK	CKP	CM	CNT	COL	COMAN	CPALL	CPF
CPI	CPN	CSS	DELTA	DEMCO	DRT	DTAC	DTC	EA	EASTW	ECF
EGCO	GBX	GC	GCAP	GEL	GFPT	GGC	GOLD	GPSC	GRAMMY	GUNKUL
HANA	HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH	IRPC	IVL	JKN
JSP	K	KBANK	KCE	KKP	 KSL	KTB	KTC	KTIS	LH	LHFG
LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	MFEC	MINT	MONO*
MTC	NCH	NCL	NKI	NSI	NVD	NYT	OISHI	OTO	PAP	PCSGH
PDJ	PG	PHOL	PJW	PLANB	PLANET	PORT	PPS	PR9	PREB	PRG
PRM	PSH	PSL	PTG	PTT	PTTEP	PTTGC	PYLON	Q-CON	QH	QTC
RATCH	ROBINS**	RS	S	S&J	SABINA	SAMART	SAMTEL	SAT	SC	SCB
SCC	SCCC	SCN	SDC	SEAFCO	SEAOIL	SE-ED	SELIC	SENA	SIS	SITHAI
			SPI	SPRC					SYNTEC	
SNC	SORKON	SPALI			SSSC	STA	STEC	SVI		TASCO
TCAP	THAI	THANA	THANI	THCOM	THIP	THREL	TIP	TISCO	TK	TKT
TMB	TMILL	TNDT	TOA	TOP	TRC	TRU	TRUE	TSC	TSR	TSTH
TTA	TTCL	TTW	TU	TVD	TVO	U	UAC	UV	VGI	VIH
WACOAL	WAVE	WHA	WHAUP	WICE	WINNER					
	OD LEVEL									
2S	ABM	ADB	AF	AGE	AH	AHC	AIT	ALLA	ALT	AMANAH
AMARIN	APCO	APCS	AQUA	ARIP	ASAP	ASIA	ASIAN	ASIMAR	ASK	ASN
ASP	ATP30	AUCT	AYUD	В	BA	BBL	BDMS	BEC	BEM	BFIT
BGC	BGRIM	BIZ	BJC	BJCHI	BLA	BPP	BROOK	CBG	CEN	CENTEL
CGH	CHG	CHOTI	CHOW	CI	CIMBT	CNS	COLOR	COM7	COTTO	CRD
CSC	CSP	DCC	DCON	DDD	DOD	EASON	ECL	EE	EPG	ERW
ESTAR	ETE	FLOYD	FN	FNS	FORTH	FPI	FPT	FSMART	FSS	FVC
GENCO	GJS	GL	GLOBAL	GLOW**	GULF	HPT	HTC	HYDRO	ICN	IFS
NET	INSURE	IRC	IRCP	IT	ITD***	ITEL	J	JAS*	JCK	JCKH
JMART	JMT	JWD	KBS	KCAR	KGI	KIAT	KOOL	KWC	KWM	L&E
LALIN	LANNA	LDC	LHK	LOXLEY	LRH	LST	M	MACO	MAJOR	MBAX
MEGA	METCO	MFC	MK	MODERN	MOONG	MPG	MSC	MTI	NEP	NETBAY
NEX	NINE	NOBLE	NOK	NTV	NWR	OCC	OGC	ORI	OSP	PATO
PB	PDG	PDI	PL	PLAT	PM	PPP	PRECHA	PRIN	PRINC	PSTC
PT	QLT	RCL	RICHY	RML	RWI	S11	SAAM	SALEE	SAMCO	SANKO
SAPPE	SAWAD	SCG	SCI	SCP	SE	SFP	SIAM	SINGER	SIRI	SKE
SKR	SKY	SMIT	SMK	SMPC	SMT	SNP	SONIC	SPA	SPC	SPCG
SPVI	SR	SRICHA	SSC	SSF	SST	STANLY	STPI	SUC	SUN	SUSCO
SUTHA	SWC	SYMC	SYNEX	T	TACC	TAE	TAKUNI	TBSP	TCC	TCMC
TEAM	TEAMG	TFG	TFMAMA	THG	THRE	TIPCO	TITLE	TIW	TKN	TKS
	TMC	TMD	TMI	TMT	TNITY	TNL	TNP	TNR	TOG	TPA
TM		TPCORP	TPOLY						TVT	
TPAC	TPBI			TRITN	TRT	TSE	TSTE	TVI		TWP
TWPC	UBIS	UEC	UMI	UOBKH	UP	UPF	UPOIC	UT	UWC	VNT
WIIK GOOD LE	XO	YUASA	ZEN	ZMICO						
		ACAP***	AEC	AFONTS	Λ.Ι.	ALLICON	AMC	ADURE	46	ASEEA
Δ	ABICO		AEC REALITY	AEONTS BGT	AJ BH	ALUCON BIG	AMC BLAND	APURE	AS BR	ASEFA
AU	B52	BCH	BEAUTY	BGT	BH		BLAND	BM		BROCK
BSBM	BSM	BTNC	CCET	CCP	CGD	CHARAN	CHAYO	CITY	CMAN	CMC
CMO	CMR	CPL	CPT	CSR	CTW	CWT	D	DIMET	EKH	EMC
EPCO	ESSO	FE	FTE	GIFT	GLAND	GLOCON	GPI	GREEN	GTB	GYT
HTECH	HUMAN	IHL	INGRS	INOX	JTS	JUBILE	KASET	KCM	KKC	KWG
KYE	LEE	LPH	MATCH	MATI	M-CHAI	MCS	MDX	META	MGT	MJD
MM	MVP	NC	NDR	NER	NNCL	NPK	NUSA	OCEAN	PAF	PF
PICO	PIMO	PK	PLE	PMTA	POST	PPM	PROUD	PTL	RCI	RJH
ROJNA	RPC	RPH	SF	SGF	SGP	SKN	SLP	SMART	SOLAR	SPG
SQ	SSP	STI	SUPER	SVOA	TCCC	THE	THMUI	TIC	TIGER	TNH
ГОРР	TPCH	TPIPP	TPLAS	TQM	TTI	TYCN	UTP	VCOM	VIBHA	VPO
WIN	WORK	WP	WPH	ZIGA						
	Score				Number of L	ogo			Description	
					ΔΔΔΔΔ	_			•	
	90-	100							Excellent	
	80-	-89							Very Good	
	70-	79							Good	
	60-	-69							Satisfactory	
	50-	-59			A				Pass	
	Less th				No logo give	n			-	
	I	1411 00			140 logo give					

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.

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

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

Anti-corruption Progress Indicator

ADVANC	AIE	AKP	0.040.0107.1	AP	APCS	AQUA	ARROW	ASK	ASP	AYUD
ADVANC			AMANAH		BCP			_	-	
BAFS	BANPU	BAY	BBL	BCH		BCPG	BGRIM	BJCHI	BKI	BLA
BROOK	BRR	BSBM	BTS	BWG	CEN	CENTEL	CFRESH	CGH	CHEWA	CIG
CIMBT	CM	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DEMCO	DIMET
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FSS	GBX	GC
GCAP	GEL	GFPT	GGC	GJS	GOLD	GPSC	GSTEEL	GUNKUL	HANA	HARN
HMPRO	HTC	ICC	IFS	INET	INSURE	INTUCH	IRPC	IVL	K	KASET
KBANK	KBS	KCAR	KCE	KGI	KKP	KSL	KTB	KTC	KWC	L&E
LANNA	LHK	LPN	LRH	М	MAKRO	MALEE	MBAX	MBK	MBKET	MC
MCOT	MFC	MINT	MONO	MOONG	MSC	MTI	NBC	NINE	NKI	NMG
NNCL	NSI	OCC	OCEAN	OGC	PAP	PATO	PB	PCSGH	PDG	PDI
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPS
PREB	PRG	PRINC	PSH	PSTC	PT	PTG	PTT	PTTEP	PTTGC	PYLON
Q-CON	QH	QLT	QTC	RATCH	RML	S & J	SABINA	SAT	SC	SCB
SCC	SCCC	SCG	SCN	SE-ED	SELIC	SENA	SGP	SIRI	SIS	SITHAI
SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK	SPC	SPI	SPRC	SRICHA
SSF	SSI	SSSC	SST	STA	SUSCO	SVI	SYNTEC	TASCO	TCAP	TFG
TFI	TFMAMA	THANI	THCOM	THIP	THRE	THREL	TIP	TIPCO	TISCO	TKT
TMB	TMD	TMILL	TMT	TNITY	TNL	TNP	TNR	TOG	TOP	TPA
TPCORP	TRU	TRUE	TSC	TSTH	TTCL	TU	TVD	TVI	TWPC	U
UBIS	UEC	UKEM	UOBKH	VGI	VIH	VNT	WACOAL	WHA	WICE	WIIK
DECLARED										
2S	ABICO	AF	Al	AIRA	ALT	AMA	AMARIN	AMATA	ANAN	В
ВМ	BPP	BUI	CHG	CHO	CHOTI	CHOW	CI	CMC	COL	DDD
DELTA	EFORL	EPCO	ESTAR	ETE	FPI	FTE	ICHI	INOX	IRC	ITEL
JAS	JSP	JTS	KWG	LDC	LIT	META	MFEC	MPG	NEP	NOK
NWR	ORI	PRM	PSL	ROJNA	RWI	SAAM	SAPPE	SCI	SEAOIL	SHANG
SKR	SPALI	STANLY	SYNEX	TAE	TAKUNI	TMC	TOPP	TPP	TRITN	TVO
UV	UWC	WHAUP	XO	YUASA	ZEN					

Level

Certified

This level indicates practical participation with thoroughly 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

Karun Intrachai 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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This report may not be reproduced, distributed or published by any person in any manner for any purpose without permission of FSSIA. Investment in securities has risks. Investors are advised to consider carefully before making investment decisions.

History of change in investment rating and/or target price



Karun Intrachai Started covering this stock from 08-Dec-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
AP (Thailand)	АР ТВ	THB 7.70	BUY	Downside risks to our TP are declining profitability from rising cost pressure in tandem with weakening pricing power and increased competition, such that it hurts take-up rates. This is especially true for condominium projects which typically have more units than low-rise projects.

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-Dec-2020 unless otherwise stated.

RECOMMENDATION STRUCTURE

Stock ratings

Stock ratings are based on absolute upside or downside, which we define as (target price* - current price) / 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.