

SET ESG Rating of AAA

Neutral • Maintained

Price as of 17 May 2024	23.10
12M target price (Bt/shr)	25.00
Unchanged/Revised up(down)(%)	(7.4)
Upside/downside (%)	8.2

Key messages

เนื่องจากผลการคำเนินงานที่แผ่วใน 1Q67 และ เป้าของบริษัทดู น่าสนใจน้อยกว่าหุ้นอื่นในกลุ่ม เราจึง de-rate PER ของธุรกิจ นิกมอุตสาหกรรมลงจาก 20.5X (+1.0 SD) เหลือ 18.0X (+0.5 S.D) เราจึงยังคงคำแนะนำ "ถือ" AMATA โดยประเมินราคา เป้าหมายสิ้นปี 2567 ที่ 25.00 บาท

Trading data									
Mkt cap (Btbn/US\$mn)	25.	9.2/650							
Outstanding shares (m	n)		1,150						
Foreign ownership (mr	٦)		78						
3M avg. daily trading (mn)		5						
52-week trading range	e (Bt)	21.1	l – 27.0						
Performance (%)	3M	6M	12M						
Absolute	0.9	-3.0	-0.9						
Relative	2.1	-1.7	13.3						

Quarterly EPS

	1Q	2Q	3Q	4Q
2022	0.52	0.61	0.33	0.74
2023	0.46	0.29	0.37	0.64
2024	0.43			

Share price chart



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COMPANY UPDATE

Thailand

Amata Corporation

(AMATA.BK/AMATA TB)*



ยังมีความท้าทายอยู่บ้างในช่วงที่เหลือของปีนี้

Even

อัพเคตข้อมูลบริษัท, ปรับประมาณการกำไร และ ราคาเป้าหมาย

Impac

จากขอมูลของคุณะกรรมการส่งเสริมการลงทุน (Board of Investment of Thailand) อุปสงค์การลงทุนจาก ตางชาติยังคงอยู่ในเกณฑ์ดีในช่วงสามเดือนแรกของปีนี้ โดยมียอคขอ และ ยอคอนุมัติสิทธิประโยชน์ BOI จากการลงทุนโดยตรงจากต่างประเทศ (FDI) ใน 1Q67 รวม 1.69 แสนลานบาท (+16% YoY) และ 1.98 แสนลานบาท (+13% YoY) ตามลำคับ (Figure 1 – Figure 2) ซึ่งเมื่อแบงตามประเทศพบวาประเทศ จีน และ สิงคโปรอยู่ในอันคับตน โดยอุปสงค์การลงทุนของทั้งสองประเทศรวมกันคิดเป็นประมาณ 46% ของยอคอนุมัติ BOI จาก FDI ทั้งหมด และ คิดเป็นประมาณ 62% ของยอคอนุมัติ BOI จาก FDI ทั้งหมด (Figures 3 – 4) ทั้งนี้ กลุ่มอิเล็กทรอนิกส์มีสัดสวนสูงที่สุด โดยคิดเป็นประมาณ 45% ของยอคอนุมัติ BOI จาก FDI ทั้งหมด (Figures 5 – 6)

โมเมนตัมยอดขายที่ดินแผ่วลงใน 1Q67 โดยตั้งเป้ายอดขายที่ดินปี 2567 ที่ 1,800 ไร่

ถึงแม้จะมีสัญญาณที่แข็งแกรงจากอุปสงค์การลงทุนของนักลงทุนตางชาติ แต่ยอดขายที่ดินของ AMATA ใน 1Q67 ยังแผวอยู่ที่ 325 ไรใน 1Q67 (จาก 310 ไรใน 1Q67 และ 651 ไรใน 4Q66) ผู้บริหาร ของ AMATA กาควายอดขายที่ดินใน 1Q67 จะเป็นระดับที่ต่ำที่สุดในรอบปีนี้ และ นาจะฟื้นตัวได้อย่าง ต่อเนื่องในไตรมาสที่เหลือของปีนี้ โดยตั้งเป้ายอดขายที่ดินปี 2567F ไว้ที่ 1,800 ไร (จาก 1,854 ไรในปี 2566) นอกจากนี้ ยังกาควายอดโอนที่ดินจะเป็นรูปแบบเดียวกัน คือใน 1Q67 (151 ไร) จะต่ำสุดในรอบปีนี้ ก่อนที่จะเพิ่มขึ้นในช่วงที่เหลือของปี โดยบริษัทกาดว่า 50% ของ backlog ที่มีในมือจะโอนได้ในปี 2567 ซึ่ง ณ สิ้นงวด 1Q67 บริษัทมียอด backlog 1.4 หมื่นล้ำนบาท

ทบทวนสมมติฐาน และ ปรับเพิ่มประมาณการกำไรปี 2567 ขึ้นอีก 9%

เนื่องจาก i) ตามปกติแล้วยอดขายที่ดินมักจะสูงกว่าในช่วงปลายปี และ ii) บริษัทไม่ได้ตั้งเป้ายอดขาย ที่ดินไว้สูงนัก (ทรงตัว YoY) เราจึงมองว่า AMATA น่าจะทำยอดขายที่ดินได้ตามเป้า อย่างไรก็ตาม เนื่องจากยอดขาย และ ยอดโอนที่ดินส่วนใหญ่จะมาจากนิคมฯ ที่ระยอง ดังนั้นอัตรากำไรขั้นต้นจึงยากที่ จะกลับไปอยู่ที่ระดับประมาณ 60%++ ได้เหมือนกับในอดีต ดังนั้น เราจึงทบทวนสมมติฐานของเราดังนี้ i) ปรับเพิ่มประมาณการยอดขาย และ ยอดโอนที่ดิน และ ii) ปรับลดสมมติฐานอัตรากำไรขั้นต้นจากการ ขายที่ดินลง ทั้งนี้ เมื่อนำผลประกอบการจริงของปี 2566 มารวมพิจารณาด้วยแล้ว เราจึงปรับเพิ่มประมาณการกำไรปี 2567F ขึ้นอีก 9% (Figure 7)

Valuation & action

เราปรับลคราคาเป้าหมายปี 2567 จาก 27.00 บาท เหลือ 25.00 บาท เนื่องจากเรา de-rate PER ของธุรกิจ นิคุมๆ ลงจาก 20.5X (+1.0 S.D) เหลือ 18.0X (+0.5 S.D) เพื่อสะทอนถึงผลการดำเนินงานที่นาสนใจนอย กว่าหุ้นอื่นในกลุ่ม ดังนั้น เราจึงยังคงคำแนะนำ "ถือ" AMATA

Ricke

ความเสี่ยงค้านภูมิรัฐศาสตร์ (Geopolitical risk), เศรษฐกิจชะลอตัวลง, ภัยธรรมชาติ, การซื้อที่ดิน, การ กระจุกตัวของกลุ่มอุตสาหกรรม, เงินทุนไมเพียงพอ

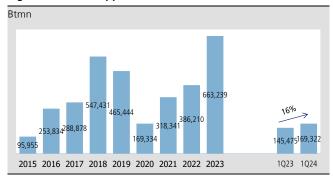
Key financials and valuations

Year End Dec 31	Dec-18A	Dec-19A	Dec-20A	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
Revenue (Btmn)	4,354	5,914	4,202	5,097	6,502	9,517	12,469	13,468
Gross profit (btmn)	1,166	1,803	944	1,018	1,775	2,282	2,615	3,138
Net profit (Btmn)	1,018	1,742	1,103	1,402	2,341	1,885	2,219	2,556
Normalized profit (Btmn)	1,316	1,887	1,113	1,374	2,308	2,035	2,219	2,556
EPS (Bt)	0.95	1.63	0.96	1.22	2.04	1.64	1.93	2.22
Normalized EPS (Bt)	1.23	1.77	0.97	1.19	2.01	1.77	1.93	2.22
DPS (Bt)	0.40	0.45	0.30	0.40	0.70	0.65	0.77	0.89
EPS growth (%)	(27.8)	71.1	(41.2)	27.1	67.0	(19.5)	17.7	15.2
Normalized EPS growth (%)	(15.1)	43.4	(45.3)	23.4	68.1	(11.9)	9.1	15.2
P/E (X)	16.7	11.4	23.9	19.3	11.5	13.1	12.0	10.4
P/B (X)	1.4	1.3	1.4	1.2	1.1	1.0	1.0	0.9
EV/EBITDA (X)	15.1	10.8	17.8	12.8	9.0	10.5	9.4	7.7
Net debt to Equity (%)	66.2	71.1	78.5	64.2	55.2	59.9	49.4	37.2
Dividend yield (%)	1.9	2.2	1.3	1.7	3.0	2.8	3.3	3.8
Return on Equity (%)	6.5	10.3	5.9	6.4	9.6	7.3	8.2	8.9

Source: Company data, KGI Securities Research



Figure 1: FDI BOI applications in 3M24



Source: BOI, KGI Securities Research

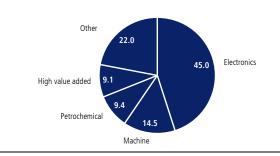
Figure 3: Top 5 countries for FDI applications in 3M24



Source: BOI, KGI Securities Research

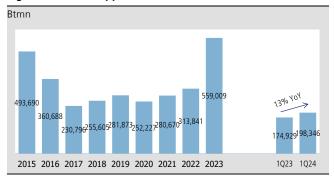
Figure 5: Breakdown of FDI applications by industry in 3M24

Percent



Source: BOI, KGI Securities Research

Figure 2: FDI BOI approvals in 3M24



Source: BOI, KGI Securities Research

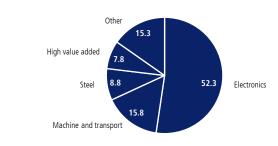
Figure 4: Top 5 countries for FDI approvals in 3M24



Source: BOI, KGI Securities Research

Figure 6: Breakdown of FDI approvals by industry in 3M24

Percent



Source: BOI, KGI Securities Research

Figure 7: Earnings revision

		2024F			2025F	
Btmn	Revised	Previous	Chg (%)	Revised	Previous	Chg (%)
Total Revenue	12,469	8,834	41.2	13,468	13,468	0.0
Total Cost of good sold	8,088	4,850	66.8	8,508	8,508	0.0
Gross profit	4,381	3,984	10.0	4,959	4,959	0.0
SG&A	1,617	1,506	7.3	1,766	1,766	0.0
Net profit	2,219	2,041	8.7	2,556	2,556	0.0
Normalized profit	2,219	2,041	8.7	2,556	2,556	0.0
EPS (Bt)	1.9	1.8	8.7	2.2	2.2	0.0
Normalized EPS (Bt)	1.9	1.8	8.7	2.2	2.2	0.0
Financial ratio	Revised	Previous	Chg (ppts)	Revised	Previous	Chg (ppts)
Gross margin (%)	35.1	45.1	(10.0)	36.8	36.8	0.0
SG&A to sales (%)	13.0	17.1	(4.1)	13.1	13.1	0.0
Assumption	Revised	Previous	Chg (%)	Revised	Previous	Chg (%)
Land sales (rai)	1,800	1,500	20.0	1,400	1,400	0.0
Land transfers (rai)	1,159	1,084	6.9	1,297	1,297	0.0
Gross margin (%)	48.0	55.0	(7.0)	50.0	50.0	0.0



Figure 8: Assumption

Key assumption	unit	2017	2018	2019	2020	2021	2022	2023	2024F	2025F
Land sales	rai	432	848	648	212	911	693	1,854	1,800	1,400
Land transfers	rai	455	439	867	332	587	616	787	1,159	1,297
Gross margin	percent	68.9	63.5	56.2	61.3	46.3	61.6	47.5	48.0	50.0
ASP	Bt/rai	4.6	4.2	3.7	4.6	3.7	4.7	6.1	4.7	4.8

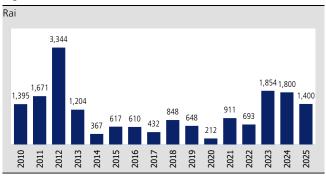


Figure 3: Company profile

Amata Corporation PCL (AMATA) is engaged in three business segments; i) industrial estate, ii) utilities, and iii) rental. For real estate, the company will develop and sell industrial land to industrial operators. Currently, AMATA's operations cover areas in Thailand and Vietnam; AmataNakorn (Chonburi), Amata City (Rayong), Thai-Chinese Rayong, Amata City (Bien Hua), Amata City Long Thanh, and AmataCity (Halong). For utilities, the company set up subsidiaries to engage in water business. For rental, the company provides ready-built factories both in Thailand and Vietnam.

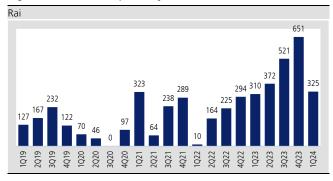
Source: Company data

Figure 5: Land sales



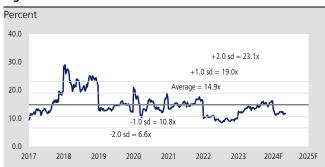
Source: Company data, KGI Securities Research

Figure 7: Land sales quarterly



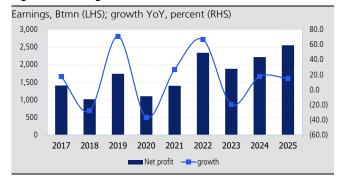
Source: Company data, KGI Securities Research

Figure 9: PE



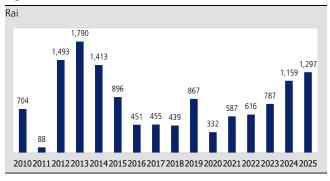
Source: KGI Securities Research

Figure 4: Earnings



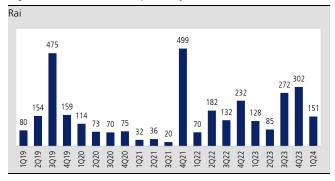
Source: Company data, KGI Securities Research

Figure 6: Land transfers



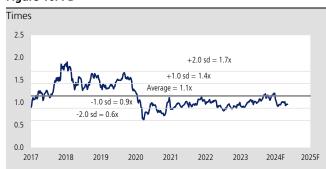
Source: Company data, KGI Securities Research

Figure 8: Land transfers quarterly



Source: Company data, KGI Securities Research

Figure 10: PB





Quarterly Income Statement

	Mar-21A	Jun-21A	Sep-21A	Dec-21A	Mar-22A	Jun-22A	Sep-22A	Dec-22A	Mar-23A	Jun-23A	Sep-23A	Dec-23A	Mar-24A
Income Statement (Btmn)													
Revenue	121	141	181	1,754	272	748	558	1,302	1,185	368	1,614	1,638	1,055
Cost of good sold	431	451	442	1,445	520	861	906	1,100	981	931	1,870	2,021	1,717
Gross profit	75	79	128	736	171	400	333	870	815	166	601	700	570
Operating expense	177	185	176	294	230	249	225	288	320	274	300	368	312
Other income	38	26	18	473	670	480	319	2	39	22	25	95	19
Operating profit	250	258	313	1,229	964	957	772	902	878	231	694	830	692
Depreciation of fixed asset	76	87	86	115	94	81	90	86	90	97	97	94	99
Operating EBITDA	325	345	400	1,344	1,057	1,038	862	987	969	328	792	924	790
Non-Operating income	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest income	0	0	0	0	0	0	0	0	0	0	0	0	0
Other non-op. income	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Operating expense	(131)	(117)	(98)	(148)	(115)	(116)	(121)	(121)	(137)	(164)	(212)	(174)	(175)
Interest expense	(131)	(117)	(98)	(148)	(115)	(116)	(121)	(121)	(137)	(164)	(212)	(174)	(175)
Other non-op. expense	0	0	0	0	0	0	0	0	0	0	0	0	0
Equity income	108	166	54	183	71	190	39	85	71	367	358	260	241
Pre-tax profit	297	371	396	1,249	957	1,032	644	995	819	446	709	964	774
Current taxation	(25)	(44)	(80)	(202)	(129)	(116)	(81)	(140)	(186)	(26)	(141)	(123)	(141)
Minorities	86	80	87	306	275	267	210	69	141	107	171	158	170
Extra items	68	54	115	(32)	22	(22)	(77)	110	(14)	(11)	(149)	24	(6)
Net profit	186	247	229	741	553	649	353	786	492	313	396	683	464
EPS (Bt)	0.2	0.2	0.2	0.7	0.5	0.6	0.3	0.7	0.5	0.3	0.4	0.6	0.4
Margin (%)													
Gross profit margin	62.5	56.0	70.6	42.0	62.9	53.5	59.7	66.8	68.7	45.1	37.3	42.7	54.0
Operating EBIT margin	206.8	183.2	173.0	70.1	354.1	127.9	138.2	69.3	74.1	62.8	43.0	50.7	65.5
Operating EBITDA margin	269.4	245.2	220.8	76.6	388.6	138.8	154.4	75.8	81.8	89.2	49.1	56.4	74.9
Net profit margin	153.7	175.7	126.3	42.2	203.4	86.7	63.3	60.3	41.5	85.3	24.6	41.7	43.9
Growth (%YoY)													
Revenue growth	(70.5)	(64.2)	(38.4)	294.9	125.2	431.9	208.5	(25.8)	335.5	(50.9)	188.9	25.8	(10.9)
Operating EBIT growth	(19.4)	(23.1)	(6.9)	170.5	285.7	271.3	146.4	(26.6)	(8.8)	(75.9)	(10.0)	(7.9)	(21.3)
Operating EBITDA growth	(15.2)	(17.4)	(5.5)	153.1	224.8	201.1	115.7	(26.5)	(8.4)	(68.4)	(8.2)	(6.4)	(18.4)
Net profit growth	(16.5)	14.7	(15.0)	86.8	198.0	162.6	54.5	6.1	(11.1)	(51.7)	12.2	(13.1)	(5.8)
Normalized profit growth	3.5	(35.8)	(48.7)	60.7	350.7	246.9	277.4	(12.6)	(4.6)	(51.7)	26.7	(2.5)	(7.3)

Source: Company data, KGI Securities Research



Balance Sheet					
As of 31 Dec (Btmn)	2021	2022	2023	2024F	2025F
Total Assets	45,471	47,659	57,588	59,589	59,709
Current Assets	12,444	11,463	20,304	19,065	17,663
Cash&ST Investment	2,997	2,582	3,774	3,092	3,068
Inventories	0	0	0	0	0
Account Receivable	1,054	346	621	1,154	1,182
Other	8,393	8,535	15,909	14,818	13,412
Non-current Assets	33,027	36,196	37,284	40,524	42,047
LT Investment	22,473	24,128	26,211	28,493	29,659
Net Fixed Assets	1,484	1,976	2,239	2,292	2,343
Others	9,070	10,091	8,834	9,739	10,045
Total Liabilities	23,462	23,244	31,861	32,502	31,015
Current liabilities	8,304	8,695	15,347	17,485	17,857
Account Payable	1,088	1,263	1,903	1,728	1,765
ST borrowing	170	1,734	1,245	1,245	1,245
Others	7,046	5,698	12,199	14,512	14,847
Long-term liabilities	15,158	14,550	16,514	15,018	13,158
Long-term debts	10,497	9,686	11,487	8,765	6,491
Others	4,661	4,863	5,028	6,253	6,667
Shareholders' Equity	22,008	24,415	25,727	27,086	28,694
Common stock	1,150	1,150	1,150	1,150	1,150
Capital surplus	1,070	1,070	1,070	1,070	1,070
retained earnings	14,385	16,151	17,295	18,654	20,261
Preferred stock	0	0	0	0	0

Source: KGI Securities Research

Year to 31 Dec	2021	2022	2023	2024F	2025F
Growth (%YoY)					
Sales	42.6	31.2	66.8	13.4	15.2
OP	42.7	75.3	(26.7)	14.4	14.9
EBITDA	36.6	40.4	(10.1)	6.0	13.6
NP	27.1	67.0	(19.5)	17.7	15.2
Normalized profit	23.4	68.1	(11.9)	9.1	15.2
EPS	27.1	67.0	(19.5)	17.7	15.2
Normalized EPS	23.4	68.1	(11.9)	9.1	15.2
Profitability (%)					
Gross margin	46.3	61.6	47.5	48.0	50.0
Operating margin	93.3	124.8	54.8	55.3	55.2
EBITDA margin	144.4	154.6	83.4	77.9	76.8
Net margin	63.8	81.3	39.2	40.7	40.7
ROAA	3.3	5.0	3.6	3.8	4.3
ROAE	6.4	9.6	7.3	8.2	8.9
Stability					
Gross debt/equity (%)	1.1	1.0	1.2	1.2	1.1
Net debt/equity (%)	0.6	0.6	0.6	0.5	0.4
Interest coverage (x)	5.7	8.7	5.3	9.3	13.0
Interest&ST debt coverage	4.2	1.9	1.9	2.3	2.7
Cash flow interest coverage	0.2	5.8	2.3	13.5	16.2
Cash flow/interest&ST debt	0.1	1.2	0.8	3.4	3.4
Current ratio (x)	1.5	1.3	1.3	1.1	1.0
Quick ratio (x)	1.5	1.3	1.3	1.1	1.0
Net debt (Btmn)	14,138	13,484	15,421	13,380	10,683
Per share data (Bt)					
EPS	1.2	2.0	1.6	1.9	2.2
Normalized EPS	1.2	2.0	1.8	1.9	2.2
CFPS	0.1	2.4	1.4	4.9	4.7
BVPS	19.1	21.2	22.4	23.6	25.0
Sales/share	4.4	5.7	8.3	10.8	11.7
EBITDA/share	2.8	3.9	3.5	3.7	4.2
DPS	0.4	0.7	0.7	0.8	0.9
Activity					
Asset turnover (x)	0.0	0.1	0.1	0.1	0.1
Days of receivables	75	19	24	34	32
Days of inventory	N.A	N.A	N.A	N.A	N.A
Days of payable	143	136	120	78	76
Cash cycle	N.A	N.A	N.A	N.A	N.A

Source: KGI Securities Research

Profit	&	Loss
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Year to Dec 31 (Btmn)	2021	2022	2023	2024F	2025F
Revenue	5,097	6,502	9,517	12,469	13,468
Cost of good sold	2,769	3,387	5,804	8,088	8,508
Gross profit	2,328	3,115	3,713	4,381	4,959
Operating expense	832	992	1,261	1,617	1,766
Other income	554	1,471	182	249	269
Operating Profit	2,050	3,594	2,634	3,014	3,463
Depreciation of fixed asset	364	351	378	386	500
Operating EBITDA	2,414	3,945	3,012	3,400	3,963
Non-operating income	42	89	86	125	135
Interest income	42	89	86	125	135
Other non-op income	0	0	0	0	0
Non-operating expense	(494)	(472)	(687)	(417)	(332)
Interest expense	(494)	(472)	(687)	(417)	(332)
Other non-op expense	0	0	0	0	0
Equity income/(loss)	686	385	1,056	720	724
Pretax profit	2,313	3,629	2,938	3,442	3,990
Current taxation	(352)	(466)	(477)	(544)	(653)
Minorities	559	822	576	679	782
Extra item	29	33	(150)	0	0
Net profit	1,402	2,341	1,885	2,219	2,556
Normalized profit	1,374	2,308	2,035	2,219	2,556
EPS (Bt)	1.22	2.04	1.64	1.93	2.22
Normalized EPS (Bt)	1.19	2.01	1.77	1.93	2.22

Source: KGI Securities Research

Cash Flow

Year to Dec 31 (Btmn)	2021	2022	2023	2024F	2025F
Operating cash flow	88	2,743	1,563	5,622	5,362
Net profit	1,402	2,341	1,885	2,219	2,556
Depreciation&Amortization	364	351	378	386	500
Change in working capital	(1,679)	50	(701)	3,017	2,307
Others					
Investment cash flow	(1,071)	(2,153)	(2,928)	(2,722)	(1,717)
Net CAPEX	(171)	(693)	(489)	(200)	(200)
Change in LT investment	(845)	(1,806)	(2,235)	(2,522)	(1,517)
Change in other assets	(56)	346	(204)	0	0
Free cash flow	(984)	590	(1,365)	2,900	3,646
Financing cash flow	1,539	(548)	2,242	(3,581)	(3,670)
Change in share capital	0	0	0	0	0
Net change in debt	(315)	(613)	2,814	(2,722)	(2,722)
Change in other liabs	1,854	65	(572)	(859)	(948)
Net cash flow	555	42	877	(681)	(24)

Source: KGI Securities Research

Rates of Return on Invested Capital

Year	1	COGS				Operating expense		Operating	
rear	1	Revenue	-	Revenue	-	Revenue		margin	
2020		49.2%		7.6%		20.1%		23.1%	
2021		54.3%		7.1%		16.3%		22.2%	
2022		52.1%		5.4%		15.3%		27.2%	
2023F		61.0%		4.0%		13.3%		21.8%	
2024F		64.9%		3.1%		13.0%		19.1%	
2025F		63.2%		3.7%		13.1%		20.0%	
Year	1/ -	Working capital		Net PPE		Other assets		Capital	
Teal	1/ -	Revenue	+-	Revenue	-+-	Revenue	_=	Turnover	
2020		(0.4)		0.4		9.2		0.1	_
2021		(0.3)		0.3		8.6		0.1	
2022		0.0		0.3		7.0		0.1	
2023F		(0.1)		0.2		5.8		0.2	
2024F		0.2		0.2		4.6		0.2	
2025F		0.2		0.2		4.3		0.2	
Year	1/	Operating	Х	Capital	Х	Cash	=	After-tax return	
rear	17	margin	^	turnover	^	tax rate		on Inv.capital	
2020		23.1%		0.1		10.5%		0.3%	
2021		22.2%		0.1		15.2%		0.4%	
2022		27.2%		0.1		12.8%		0.5%	
2023F		21.8%		0.2		16.2%		0.6%	
2024F		19.1%		0.2		15.8%		0.6%	
2025F		20.0%		0.2		16.4%		0.7%	



Amata Corporation - Recommendation & target price history





Company's ESG details

Environment

- > The Company has replaced electrical equipment used in offices and common areas to be energy-saving devices, reduced the use of fossil fuels, and integrated this strategy into the Company's business development plan to drive AMATA Smart City projects that focus on energy efficiency using technology and low-carbon energy sources.
- > The Company promotes increased production of renewable energy with technology that is appropriate for the Company's operation and the area inside the industrial estate, especially the Company's central utility system.
- According to the carbon footprint data in 2022 which was calculated by using methodologies of the Thailand Greenhouse Gas Management Organization's (Public Organization), the Company's direct greenhouse gas emissions (Scope 1) were 443 tons of carbon dioxide equivalent, and its indirect greenhouse gas emissions were 15,370 tons of carbon dioxide equivalent from using purchased electricity (Scope 2). The total amount of direct and indirect greenhouse gas emissions (Scopes 1 and 2) were 15,813 tons of carbon dioxide equivalent (tCO2e), decreased by 7.97% compared to 2021 and 12.12% compared to the 2019 base year.
- ➤ In 2022, the Company consumed all types of energy within and outside of the organization for main activities in its supply chain totaling 194,107.11 gigajoules, a decrease of 5.5% compared to 2021, and the energy consumption intensity in 2022 was 6.02 gigajoules per rai, or 37.61 gigajoules per hectare, a decrease of 4.5% from the 2019 base year due to the considerable growth in solar energy production within the industrial estates in 2022 and various measures to reduce the use of purchased electricity.
- Sustainable Water and Waste Management Model Community Project: By using the Company's expertise and experience in water and waste management to develop the model community's pilot project and to provide knowledge and understanding to the community about proper solid waste disposal and sorting according to the 3R's principles in order to utilize waste efficiently and create value according to the circular economy principle, this helps reduce the impact on the community and the environment, especially on community water resources, of littering and releasing household wastewater into the water resources.

Social

- Initiating Farm to Factory Project
- > Organizing "AMATA invites you to shop the neighborhood community's goods" activities
- > Developing an online market for the goods of the neighborhood community
- Road Safety Promotion Project
- On 2 July 2022, AMATA Facility Services Co., Ltd. organized a training on safe and proper forklift driving for contractors' employees working in the Company's area.
- On 24 September 2022, AMATA Facility Services Co., Ltd. organized a training on basic firefighting and evacuation for contractors' employees working in the Company's area.
- > On 15 November 2022, AMATA Water Co., Ltd. invited its business partners to visit its water management facility to get a better understanding of the industrial estates' water management

Governance

- > The Company was evaluated the Excellence CG Scoring by the Thai Institute of Directors.
- > The Company received the Best Sustainability Awards 2022, Sustainability Excellence from the Stock Exchange of Thailand.
- > The Company was chosen to be on the 2022 Sustainable Stock List for the fifth year.
- > The Company was awarded the Sustainability Disclosure Award from Thaipat Institute for the third year.

Climate Management (Being the subset of Environment)

- Becoming a Carbon-neutral city by 2040.
- Reduce the intensity of greenhouse gas emissions by 30% by 2030 compared to the 2019 base year.

Source: Company data, KGI Securities Research



SET ESG Ratings

Stock	Company name	SET ESG Ratings	Stock	Company name	SET ESG Ratings
ADVANC	ADVANCED INFO SERVICE	AAA	KTC	KRUNGTHAI CARD	AAA
AMATA	AMATA CORPORATION	AAA	LH	LAND AND HOUSES	Α
AOT	AIRPORTS OF THAILAND	Α	MAJOR	MAJOR CINEPLEX GROUP	AA
AP	AP (THAILAND)	AA	MEGA	MEGA LIFESCIENCES	Α
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	AA	MINT	MINOR INTERNATIONAL	AA
BAM	BANGKOK COMMERCIAL ASSET MANAGEMEN	AA	MTC	MUANGTHAI CAPITAL	Α
BANPU	BANPU	AAA	OR	PTT OIL AND RETAIL BUSINESS	AAA
BBGI	BBGI	AA	ORI	ORIGIN PROPERTY	AA
BBL	BANGKOK BANK	AA	OSP	OSOTSPA	AA
всн	BANGKOK CHAIN HOSPITAL	AA	PLANB	PLAN B MEDIA	AA
ВСР	BANGCHAK CORPORATION	AAA	PSH	PRUKSA HOLDING	BBB
BCPG	BCPG	AA	PTT	PTT	AAA
BDMS	BANGKOK DUSIT MEDICAL SERVICES	AA	PTTEP	PTT EXPLORATION AND PRODUCTION	AAA
BEM	BANGKOK EXPRESSWAY AND METRO	AA	PTTGC	PTT GLOBAL CHEMICAL	AAA
BGRIM	B.GRIMM POWER	AAA	RATCH	RATCH GROUP	AA
BPP	BANPU POWER	AAA	RBF	R&B FOOD SUPPLY	BBB
BTS	BTS GROUP HOLDINGS	AA	SAK	SAKSIAM LEASING	Α
CBG	CARABAO GROUP	Α	SAPPE	SAPPE	BBB
CENTEL	CENTRAL PLAZA HOTEL	Α	SAT	SOMBOON ADVANCE TECHNOLOGY	AA
CK	CH. KARNCHANG	Α	SAWAD	SRISAWAD CORPORATION	BBB
CKP	CK POWER	AAA	SCB	SCB X	AA
сом7	COM7	Α	SCC	THE SIAM CEMENT	AAA
CPALL	CP ALL	AAA	SCCC	SIAM CITY CEMENT	AA
CPAXT	CP AXTRA	AAA	SCGP	SCG PACKAGING	AAA
CPF	CHAROEN POKPHAND FOODS	AAA	SHR	S HOTELS AND RESORTS	Α
CPN	CENTRAL PATTANA	AA	SICT	SILICON CRAFT TECHNOLOGY	Α
EGCO	ELECTRICITY GENERATING	AA	SMPC	SAHAMITR PRESSURE CONTAINER	AA
ERW	THE ERAWAN GROUP	Α	SNC	SNC FORMER	Α
GFPT	GFPT	BBB	SPALI	SUPALAI	AA
	SIAM GLOBAL HOUSE	AA	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION	Α
GPSC	GLOBAL POWER SYNERGY	AA	STGT	SRI TRANG GLOVES (THAILAND)	AAA
GULF	GULF ENERGY DEVELOPMENT	AA	TCAP	THANACHART CAPITAL	Α
HANA	HANA MICROELECTRONICS	AA	TFG	THAIFOODS GROUP	Α
HENG	HENG LEASING AND CAPITAL	Α	THCOM	THAICOM	AAA
HMPRO	HOME PRODUCT CENTER	AA	TISCO	TISCO FINANCIAL GROUP	AAA
INTUCH	INTOUCH HOLDINGS	AA	TOP	THAI OIL	AAA
IRPC	IRPC	AA	TTB	TMBTHANACHART BANK	AA
IVL	INDORAMA VENTURES	AA	UBE	UBON BIO ETHANOL	Α
KBANK	KASIKORNBANK	AAA	VGI	VGI	AA
KEX	KERRY EXPRESS (THAILAND)	BBB	WHA	WHA CORPORATION	AAA
KKP	KIATNAKIN PHATRA BANK	BBB	WHAUP	WHA UTILITIES AND POWER	AAA
KTB	KRUNG THAI BANK	AAA	ZEN	ZEN CORPORATION GROUP	AA

Source: www.setsustainability.com

Disclaimer: The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution 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 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, KGI Securities (Thailand) Public Company Limited (KGI)does not confirm, verify, or certify the accuracy and completeness of the assessment result.



Corporate Governance Report of Thai Listed Companies

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Companies with Excellent CG Scoring

Stock	Company name	Stock		Stock	Company name
AAV	ASIA AVIATION	GFPT	GFPT	SAK	SAKSIAM LEASING
ADVANC	ADVANCED INFO SERVICE	GGC	GLOBAL GREEN CHEMICALS	SAPPE	SAPPE
AEONTS	AEON THANA SINSAP (THAILAND)	GLOBAL	SIAM GLOBAL HOUSE	SAT	SOMBOON ADVANCE TECHNOLOGY
AMA	AMA MARINE	GPSC	GLOBAL POWER SYNERGY	SCB	SCB X
AMATA	AMATA CORPORATION	GULF	GULF ENERGY DEVELOPMENT	scc	THE SIAM CEMENT
ANAN	ANANDA DEVELOPMENT	HANA	HANA MICROELECTRONICS	sccc	SIAM CITY CEMENT
AOT	AIRPORTS OF THAILAND	HENG	HENG LEASING AND CAPITAL	SCGP	SCG PACKAGING
AP	AP (THAILAND)	HMPRO	HOME PRODUCT CENTER	SEAFCO	SEAFCO
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	INTUCH		SFT	SHRINKFLEX (THAILAND)
BAM	BANGKOK COMMERCIAL ASSET MANAGEMEN		_	SHR	S HOTELS AND RESORTS
BANPU	BANPU	ITC		SICT	SILICON CRAFT TECHNOLOGY
BBGI	BBGI	IVL		SMPC	Sahamitr Pressure Container
BBL	BANGKOK BANK	KBANK		SNC	SNC FORMER
BCH	Bangkok Chain Hospital	KCE	KCE ELECTRONICS	SNNP	SRINANAPORN MARKETING
BCP	BANGCHAK CORPORATION	KEX	KERRY EXPRESS (THAILAND)	SPALI	SUPALAI
BCPG	BCPG	KKP		SPRC	STAR PETROLEUM REFINING
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KTB		STEC	Sino-thai engineering and construction
BEC	BEC WORLD	KTC		STGT	SRI TRANG GLOVES (THAILAND)
BEM	BANGKOK EXPRESSWAY AND METRO	LH		SUN	SUNSWEET
BGRIM	B.GRIMM POWER	LPN		SVI	SVI
ВН	BUMRUNGRAD HOSPITAL	М	MK RESTAURANT GROUP	TACC	T.A.C. CONSUMER
BPP	BANPU POWER	MAJOR	MAJOR CINEPLEX GROUP	TCAP	THANACHART CAPITAL
BTS	BTS GROUP HOLDINGS	MBK	MBK	TFG	THAIFOODS GROUP
CBG	CARABAO GROUP	MEGA	MEGA LIFESCIENCES	THCOM	
CENTEL	CENTRAL PLAZA HOTEL	MINT	MINOR INTERNATIONAL	TIDLOR	NGERN TID LOR
CK	CH. KARNCHANG	MTC	MUANGTHAI CAPITAL	TISCO	TISCO FINANCIAL GROUP
CKP COM7	CK POWER	OR	PTT OIL AND RETAIL BUSINESS	TKN	TAOKAENOI FOOD & MARKETING
CPALL	COM7	ORI OSP	ORIGIN PROPERTY	TOP TTB	THAI OIL
CPALL	CP ALL CP AXTRA	PLANB	OSOTSPA PLAN B MEDIA	UBE	TMBTHANACHART BANK UBON BIO ETHANOL
CPF	CHAROEN POKPHAND FOODS	PSH		VGI	VGI
CPN	CENTRAL PATTANA	PTT		WHA	WHA CORPORATION
DELTA	DELTA ELECTRONICS (THAILAND)	PTTEP		WHAUP	l l
	DOHOME	PTTGC		ZEN	ZEN CORPORATION GROUP
EGCO	ELECTRICITY GENERATING	QH	QUALITY HOUSES	ZEIN	ZEN COM ONATION GNOOF
ERW	THE ERAWAN GROUP	RATCH	RATCH GROUP		
LIVV	THE ENAVIAN GROUP	MATCH	MATCH GROUP		

Companies with Very Good CG Scoring

Sto	ock	Company name	Stock	Company name	Stock	Company name
BS	RC	BANGCHAK SRIRACHA	JMART	JAYMART GROUP HOLDINGS	SINGER	SINGER THAILAND
BT	G	BETAGRO	NTSC	Nutrition SC	TNP	THANAPIRIYA
EK	H	EKACHAI MEDICAL CARE	PQS	Premier Quality Starch	хо	EXOTIC FOOD
ΗL	JMAN	HUMANICA	PYLON	PYLON		



Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
IIG	I&I GROUP	SAWAD	SRISAWAD CORPORATION	SPA	SIAM WELLNESS GROUP
JMT	JMT NETWORK SERVICES	SMD	SAINTMED		

Companies classified Not in the three highest score groups

	,						
Stock	Company name	Stock	Company name	Stock	Company name		
AU	AFTER YOU	PJW	Panjawattana Plastic	TGE	THACHANG GREEN ENERGY		
CHG	CHULARAT HOSPITAL	PLT	Pilatus Marine	TPCH	TPC POWER HOLDING		
LPH	LADPRAO GENERAL HOSPITAL	PTG	PTG ENERGY	TU	THAI UNION GROUP		
MENA	MENA TRANSPORT	SFLEX	STARFLEX				
NETBAY	NETBAY	SISB	SISB				

Source: www.thai-iod.com

Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of such survey result.



Anti-corruption Progress Indicator

Level 5: Extended

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	GLOBAL	SIAM GLOBAL HOUSE	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	GPSC	GLOBAL POWER SYNERGY	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
BBL	BANGKOK BANK	HMPRO	HOME PRODUCT CENTER	ROBINS	ROBINSON DEPARTMENT STORE
BCH	BANGKOK CHAIN HOSPITAL	IRPC	IRPC	SCC	THE SIAM CEMENT
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KBANK	KASIKORNBANK	SIRI	SANSIRI
BIGC	BIG C SUPERCENTER	KCE	KCE ELECTRONICS	SPALI	SUPALAI
CK	CH. KARNCHANG	KKP	KIATNAKIN BANK	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
DCC	DYNASTY CERAMIC	KTB	KRUNG THAI BANK	TCAP	THANACHART CAPITAL
DELTA	DELTA ELECTRONICS (THAILAND)	LPH	LADPRAO GENERAL HOSPITAL	TISCO	TISCO FINANCIAL GROUP
DRT	DIAMOND ROOFING TILES	PACE	PACE DEVELOPMENT CORPORATION	TMT	THAI METAL TRADE
EGCO	ELECTRICITY GENERATING	PTT	PTT	TOP	THAI OIL
GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL		

Level 4: Certified

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	ERW	THE ERAWAN GROUP	SAPPE	SAPPE
AP	ASIAN PROPERTY DEVELOPMENT	GLOW	GLOW ENERGY	SAWAD	SRISAWAD POWER 1979
BA	BANGKOK AIRWAYS	GUNKUL	GUNKUL ENGINEERING	SCB	THE SIAM COMMERCIAL BANK
BANPU	BANPU	ILINK	INTERLINK COMMUNICATION	SCN	SCAN INTER
BCP	THE BANGCHAK PETROLEUM	KTC	KRUNGTHAI CARD	SEAFCO	SEAFCO
ВН	BUMRUNGRAD HOSPITAL	LH	LAND AND HOUSES	SVI	SVI
BJCHI	BJC HEAVY INDUSTRIES	LPN	L.P.N. DEVELOPMENT	TASCO	TIPCO ASPHALT
CBG	CARABAO GROUP	MAKRO	SIAM MAKRO	TKN	TAOKAENOI FOOD & MARKETING
CENTEL	CENTRAL PLAZA HOTEL	MALEE	MALEE SAMPRAN	TMB	TMB BANK
CHG	CHULARAT HOSPITAL	MINT	MINOR INTERNATIONAL	TRT	TIRATHAI
CKP	CK POWER	MODERN	MODERNFORM GROUP	TRUE	TRUE CORPORATION
CPF	CHAROEN POKPHAND FOODS	NOK	NOK AIRLINES	TVO	THAI VEGETABLE OIL
CPN	CENTRAL PATTANA	PTTEP	PTT EXPLORATION AND PRODUCTION		
DTAC	TOTAL ACCESS COMMUNICATION	PYLON	PYLON		

Level 3: Established

Stock	Company name	Stock	Company name	Stock	Company name
BEM	BANGKOK EXPRESSWAY AND METRO	MTLS	MUANGTHAI LEASING	SPRC	STAR PETROLEUM REFINING
CPAL	CP ALL	SCI	SCI ELECTRIC		

No progress

Stock	Company name	Stock	Company name	Stock	Company name
AOT	AIRPORTS OF THAILAND	BPP	BANPU POWER	FN	FN FACTORY OUTLET
BCPG	BCPG	BTS	BTS GROUP HOLDINGS	TPCH	TPC POWER HOLDING

Source: www.cgthailand.org

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KGI's Ratings

Rating	Definition
Outperform (OP)	The stock's excess return over the next twelve months is ranked in the top 40% of KGI's coverage universe in the related market (e.g. Taiwan)
Neutral (N)	The stock's excess return over the next twelve months is ranked in the range between the top 40% and the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan)
Under perform (U)	The stock's excess return over the next twelve months is ranked in the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Not Rated (NR)	The stock is not rated by KGI.
Restricted (R)	KGI policy and/or applicable law regulations preclude certain types of communications, including an investment recommendation, during the course of KGI's engagement in an investment banking transaction and in certain other circumstances.
	Excess return = 12M target price/current price-
Note	When an analyst publishes a new report on a covered stock, we rank the stock's excess return with those of other stocks in KGI's coverage universe in the related market. We will assign a rating based on its ranking. If an analyst does not publish a new report on a covered stock, its rating will not be changed automatically.

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