

1 MARCH 2024

EQUITY RESEARCH – RESULTS FLASH

# THORESEN THAI AGENCIES

THAILAND / TRANSPORT & LOGISTIC

TTA TB

FINANSIA  
FSS INTERNATIONAL INVESTMENT ADVISORY

FSSIA ESG rating



BUY

UNCHANGED

## 4Q23 results at first glance

การดำเนินงานหลักเริ่มฟื้นตัว

### Highlights

- TTA รายงานกำไรสุทธิ 24 ลบ. ใน 4Q23 ซึ่งรวมรายการพิเศษมูลค่าสูง 2 รายการ ประกอบด้วยผลขาดทุนจากอัตราแลกเปลี่ยนจำนวน 669 ลบ. และกำไรจากการขาย บิตคอยน์จำนวน 149 ลบ.
- เมื่อหักรายการพิเศษ TTA ขาดทุนจากการดำเนินงานปกติจำนวน 137 ลบ. ลดลง จากที่เคยมีกำไรปกติ 412 ลบ. ใน 3Q23 และ 358 ลบ. ใน 4Q22 ส่วนใหญ่เป็นผล ขาดทุนของกลุ่มธุรกิจการลงทุน
- ใน 4Q23 EBITDA ปรับตัวดีขึ้นในเกือบทุกธุรกิจยกเว้น Offshore ซึ่งนำเรือบริการได้ น้ำ 1 ลำเข้าซ่อมบำรุงในอู่แห้ง
- แม้ว่ารายได้ในธุรกิจขนส่งทางเรือจะทรงตัว q-q ใน 4Q23 ธุรกิจดังกล่าวยัง รายงาน EBITDA โต 31% q-q จากค่าใช้จ่ายในการดำเนินงานของเรือที่ลดลง
- อัตราค่าระวางเฉลี่ยใน 4Q23 เพิ่มขึ้น 15% q-q (-29% y-y) เป็น \$13,914 ต่อวัน ซึ่งสะท้อนค่าระวางที่ตกต่ำสุดไปแล้วใน 3Q23 (\$12,143 ต่อวัน)
- 2023 เป็นปีแห่งการปรับฐานของค่าระวางในอุตสาหกรรมขนส่งทางเรือโลกดังจะเห็น ได้จาก TTA ซึ่งรายงานรายได้จากการดำเนินงานรวมที่ 24 พัน ลบ. (-18% y-y) ส่วนมากจากรายได้ที่ตกต่ำในธุรกิจขนส่งทางเรือและเคมีภัณฑ์เพื่อการเกษตร Offshore เป็นเพียงธุรกิจเดียวที่รายงานรายได้บริการโตในเกณฑ์ดี
- เมื่อหักรายการพิเศษ กำไรปกติในปี 2023 อยู่ที่ 744 ลบ. (-83% y-y)

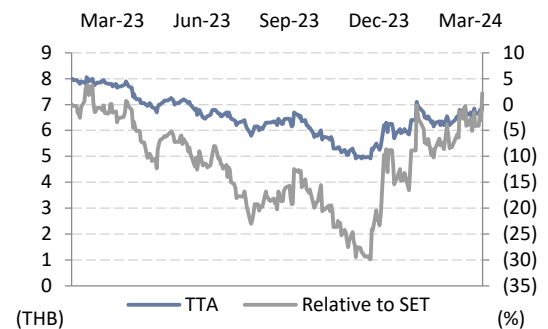
### Outlook

- แม้ว่าจะมีปัจจัยกดดันรออยู่ข้างหน้า เราเชื่อว่าอัตราค่าระวางในธุรกิจขนส่งทางเรือได้ ผ่านจุดต่ำสุดไปแล้ว อย่างไรก็ตามเราคาดว่าค่าระวางจะไม่ปรับขึ้นในเร็ววันนี้เนื่องจาก supply ของกองเรือโลกที่มีภาคการเดินเรือจะเพิ่มขึ้น 2.7% ในปี 2024 สูงกว่า demand ที่คาดว่าจะขยายตัว 1.5%
- เราคงคำแนะนำซื้อที่ราคาเป้าหมาย 8 บาท อิงค่า 2024E P/E ที่ 7x

TARGET PRICE	THB8.00
CLOSE	THB6.95
UP/DOWNSIDE	+15.1%
PRIOR TP	THB8.00
CHANGE IN TP	UNCHANGED
TP vs CONSENSUS	+0.4%

### KEY STOCK DATA

YE Dec (THB m)	2023	2024E	2025E	2026E
Revenue	23,976	25,451	24,776	25,340
Net profit	1,217	2,027	2,323	2,378
EPS (THB)	0.67	1.11	1.27	1.30
vs Consensus (%)	-	(1.6)	1.8	3.2
EBITDA	4,057	5,256	6,004	7,328
Recurring net profit	1,217	2,027	2,323	2,378
Core EPS (THB)	0.67	1.11	1.27	1.30
Chg. In EPS est. (%)	nm	(1.0)	(1.4)	nm
EPS growth (%)	(62.8)	66.6	14.6	2.4
Core P/E (x)	10.4	6.2	5.5	5.3
Dividend yield (%)	1.2	1.9	2.2	2.3
EV/EBITDA (x)	4.6	3.6	3.2	2.2
Price/book (x)	0.5	0.5	0.4	0.4
Net debt/Equity (%)	9.7	9.6	10.6	(0.2)
ROE (%)	4.9	7.9	8.4	8.1



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	12.1	32.4	(11.5)
Relative to country (%)	11.6	33.3	4.8
Mkt cap (USD m)	353		
3m avg. daily turnover (USD m)	3.1		
Free float (%)	69		
Major shareholder	Mahagitsiri Family (24%)		
12m high/low (THB)	8.10/4.74		
Issued shares (m)	1,822.46		

Sources: Bloomberg consensus; FSSIA estimates



Jitra Amornthum

Fundamental Investment Analyst on Securities; License no. 014530  
jitra.a@fssia.com, +66 2646 9966

PREPARED BY FSS INTERNATIONAL INVESTMENT ADVISORY SECURITIES CO LTD (FSSIA). ANALYST CERTIFICATION AND IMPORTANT DISCLOSURES CAN BE FOUND AT THE END OF THIS REPORT

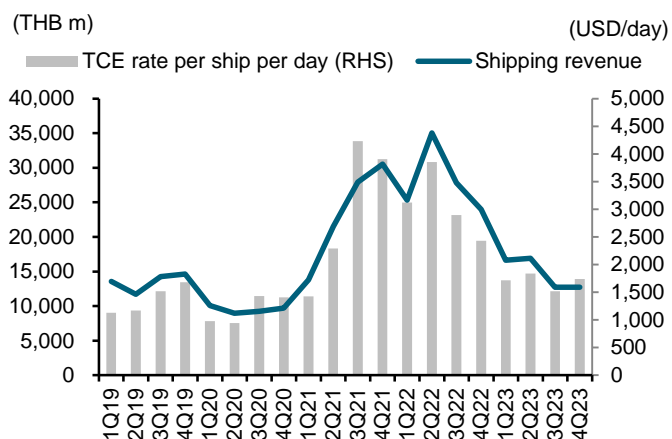
บทวิเคราะห์ฉบับนี้แปลมาจากต้นฉบับภาษาอังกฤษ ที่ออกรายงานเมื่อวันที่ 1 มีนาคม 2024

## Exhibit 1: TTA - 4Q23 results summary

Year to Dec 31	4Q22	1Q23	2Q23	3Q23	4Q23	----- Change -----		2022	2023	Change
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)
Sales	7,122	4,766	6,001	6,568	6,641	1.1	(6.7)	29,321	23,976	(18.2)
Cost of sales	(5,466)	(4,036)	(4,929)	(5,381)	(5,317)	(1.2)	(2.7)	(21,887)	(19,663)	(10.2)
Gross profit	1,655	730	1,072	1,187	1,324	11.5	(20.0)	7,433	4,313	(42.0)
Operating costs	(1,322)	(580)	(649)	(764)	(1,218)	59.3	(7.9)	(4,076)	(3,211)	(21.2)
Operating profit	(46)	278	863	674	55	(91.8)	(218.5)	3,626	1,870	(48.4)
Operating EBITDA	474	787	1,402	1,233	614	(50.2)	29.6	5,475	4,057	(25.9)
Other income	380	129	440	251	51	(79.7)	(86.6)	268	769	187.1
Interest expense	152	180	188	178	154	(13.5)	0.9	511	700	37.1
Profit before tax	(199)	98	675	496	(99)	nm	nm	3,115	1,170	(62.4)
<b>Net profit</b>	<b>(194)</b>	<b>215</b>	<b>630</b>	<b>375</b>	<b>24</b>	<b>(93.6)</b>	<b>nm</b>	<b>3,269</b>	<b>1,217</b>	<b>(62.8)</b>
<b>Core profit</b>	<b>358</b>	<b>(7)</b>	<b>477</b>	<b>412</b>	<b>(137)</b>	<b>nm</b>	<b>nm</b>	<b>4,459</b>	<b>744</b>	<b>(83.3)</b>
Reported EPS (THB)	(0.11)	0.12	0.35	0.21	0.01	(93.7)	(112.6)	1.79	0.67	(62.6)
Core EPS (THB)	0.20	(0.00)	0.26	0.23	(0.08)	(133.4)	(138.4)	2.45	0.41	(83.3)
<b>Key Ratios (%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppt)</b>	<b>(ppt)</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppt)</b>
Gross margin	23.2	15.3	17.9	18.1	19.9	1.9	(3.3)	25.4	18.0	(7.4)
Operating margin	(0.7)	5.8	14.4	10.3	0.8	(9.4)	1.5	12.4	7.8	(4.6)
EBITDA margin	6.7	16.5	23.4	18.8	9.2	(9.5)	2.6	18.7	16.9	(1.8)
Recurring net margin	5.0	(0.2)	7.9	6.3	(2.1)	(8.3)	(7.1)	15.2	3.1	(12.1)
SG&A / Sales	18.6	12.2	10.8	11.6	18.3	6.7	(0.2)	13.9	13.4	(0.5)
<b>Revenue breakdown</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(q-q %)</b>	<b>(y-y %)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(y-y %)</b>
Shipping	2,995	2,077	2,111	1,590	1,591	0.1	(46.9)	14,017	7,370	(47.4)
Offshore business	2,285	1,479	2,139	2,996	3,015	0.6	31.9	7,906	9,629	21.8
Agrochemical	1,088	412	954	1,200	1,213	1.1	11.5	4,246	3,275	(22.9)
Food and beverage	482	503	498	517	557	7.7	15.5	1,980	1,967	(0.6)
Investment	272	295	300	264	266	0.6	(2.2)	1,172	900	(23.2)
<b>Gross margin by business</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppt)</b>	<b>(ppt)</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppt)</b>
Shipping	39.0	30.5	31.0	31.8	42.8	11.0	3.8	42.7	26.0	(16.7)
Offshore business	20.7	11.6	22.0	21.5	17.9	(3.7)	(2.8)	14.7	11.9	(2.7)
Agrochemical	14.5	7.4	8.7	12.6	17.1	4.6	2.6	13.7	9.3	(4.4)
Food and beverage	38.6	37.0	35.1	40.9	41.9	1.0	3.4	38.5	37	(1.5)
Investment	21.8	24.5	22.8	23.3	22.3	(1.1)	0.5	23.9	20.1	(3.8)
<b>Core profit to TTA</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(q-q %)</b>	<b>(y-y %)</b>	<b>(THB m)</b>	<b>(THB m)</b>	<b>(y-y %)</b>
Shipping	920	421	438	276	394	(37.1)	(77.3)	5,194	1,529	(70.6)
Offshore business	53	(96)	65	142	85	118.2	129.5	7	195	2,690.0
Agrochemical	13	(27)	2	24	41	1,075.0	(15.8)	53	40	(25.5)
Food and beverage	(35)	(26)	(38)	(12)	(10)	nm	nm	(86)	(85)	nm
Investment	(593)	(280)	10	(17)	(648)	nm	nm	(709)	(935)	nm

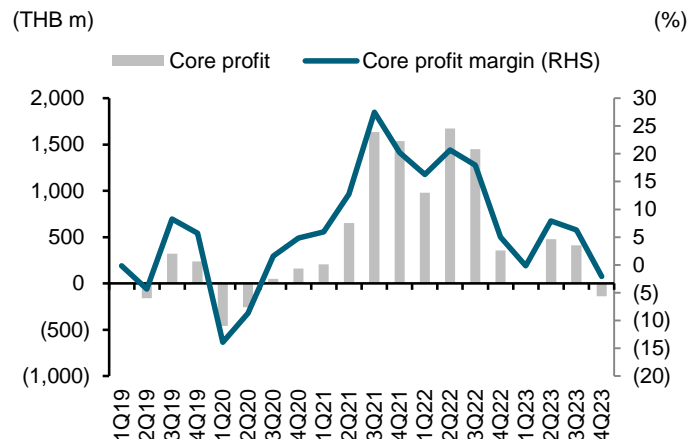
Sources: TTA, FSSIA's compilation

## Exhibit 2: Shipping revenue and TCE rate



Sources: TTA, FSSIA's compilation

## Exhibit 3: Core profit and core profit margin



Sources: TTA, FSSIA's compilation



## Financial Statements

Thoresen Thai Agencies

Profit and Loss (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Revenue	29,321	23,976	25,451	24,776	25,340
Cost of goods sold	(21,887)	(19,663)	(20,415)	(19,414)	(19,790)
<b>Gross profit</b>	<b>7,433</b>	<b>4,313</b>	<b>5,036</b>	<b>5,362</b>	<b>5,550</b>
Other operating income	268	769	331	297	302
Operating costs	(4,076)	(3,211)	(3,029)	(3,023)	(3,117)
<b>Operating EBITDA</b>	<b>5,475</b>	<b>4,057</b>	<b>5,256</b>	<b>6,004</b>	<b>7,328</b>
Depreciation	(1,850)	(2,187)	(2,918)	(3,368)	(4,593)
Goodwill amortisation	0	0	0	0	0
<b>Operating EBIT</b>	<b>3,626</b>	<b>1,870</b>	<b>2,338</b>	<b>2,636</b>	<b>2,735</b>
Net financing costs	(511)	(700)	(609)	(603)	(592)
Associates	168	179	188	197	217
Recurring non-operating income	168	179	188	197	217
Non-recurring items	1,190	0	0	0	0
<b>Profit before tax</b>	<b>4,473</b>	<b>1,349</b>	<b>1,916</b>	<b>2,230</b>	<b>2,359</b>
Tax	(22)	(19)	(7)	(18)	(86)
<b>Profit after tax</b>	<b>4,451</b>	<b>1,330</b>	<b>1,909</b>	<b>2,212</b>	<b>2,274</b>
Minority interests	8	(113)	118	111	104
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
<b>Reported net profit</b>	<b>4,459</b>	<b>1,217</b>	<b>2,027</b>	<b>2,323</b>	<b>2,378</b>
<b>Non-recurring items &amp; goodwill (net)</b>	<b>(1,190)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Recurring net profit</b>	<b>3,269</b>	<b>1,217</b>	<b>2,027</b>	<b>2,323</b>	<b>2,378</b>
<b>Per share (THB)</b>					
Recurring EPS *	1.79	0.67	1.11	1.27	1.30
Reported EPS	2.45	0.67	1.11	1.27	1.30
DPS	0.22	0.08	0.13	0.15	0.16
Diluted shares (used to calculate per share data)	1,822	1,822	1,822	1,822	1,822
<b>Growth</b>					
Revenue (%)	32.5	(18.2)	6.2	(2.7)	2.3
Operating EBITDA (%)	3.1	(25.9)	29.5	14.2	22.0
Operating EBIT (%)	(4.1)	(48.4)	25.0	12.8	3.8
Recurring EPS (%)	(6.4)	(62.8)	66.6	14.6	2.4
Reported EPS (%)	21.7	(72.7)	66.6	14.6	2.4
<b>Operating performance</b>					
Gross margin inc. depreciation (%)	25.4	18.0	19.8	21.6	21.9
Gross margin exc. depreciation (%)	31.7	27.1	31.3	35.2	40.0
Operating EBITDA margin (%)	18.7	16.9	20.7	24.2	28.9
Operating EBIT margin (%)	12.4	7.8	9.2	10.6	10.8
Net margin (%)	11.1	5.1	8.0	9.4	9.4
Effective tax rate (%)	0.5	1.4	0.4	0.8	3.6
Dividend payout on recurring profit (%)	12.3	12.0	12.0	12.0	12.0
Interest cover (X)	7.4	2.9	4.1	4.7	5.0
Inventory days	29.5	32.7	37.0	65.3	69.4
Debtor days	53.7	76.3	81.6	89.1	95.4
Creditor days	34.3	46.2	44.0	41.6	42.6
Operating ROIC (%)	18.7	9.3	10.8	10.8	10.6
ROIC (%)	13.4	6.7	7.8	8.1	8.1
ROE (%)	14.3	4.9	7.9	8.4	8.1
ROA (%)	9.4	4.8	5.8	6.4	6.4
* Pre-exceptional, pre-goodwill and fully diluted					
<b>Revenue by Division (THB m)</b>					
Shipping revenue	14,017	7,370	9,306	10,237	10,749
Offshore service	7,906	9,629	8,847	7,203	7,062
Service & commission	986	957	1,898	1,936	2,129
Sales	6,412	6,020	5,400	5,400	5,400

Sources: Thoresen Thai Agencies; FSSIA estimates

## Financial Statements

Thoresen Thai Agencies

Cash Flow (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Recurring net profit	3,269	1,217	2,027	2,323	2,378
Depreciation	1,850	2,187	2,918	3,368	4,593
Associates & minorities	(8)	113	(118)	(111)	(104)
Other non-cash items	3,093	3	(124)	420	151
Change in working capital	(744)	(480)	109	(2,435)	1,268
<b>Cash flow from operations</b>	<b>7,460</b>	<b>3,041</b>	<b>4,812</b>	<b>3,565</b>	<b>8,285</b>
Capex - maintenance	-	-	-	-	-
Capex - new investment	(3,413)	(3,027)	(4,158)	(3,500)	(4,500)
Net acquisitions & disposals	(581)	183	(823)	0	0
Other investments (net)	793	(315)	219	(294)	(453)
<b>Cash flow from investing</b>	<b>(3,201)</b>	<b>(3,160)</b>	<b>(4,763)</b>	<b>(3,794)</b>	<b>(4,953)</b>
Dividends paid	(417)	(410)	(243)	(279)	(285)
Equity finance	0	0	0	0	0
Debt finance	(2,589)	(314)	(182)	(1,391)	(1,260)
Other financing cash flows	(475)	(650)	1	2	3
<b>Cash flow from financing</b>	<b>(3,481)</b>	<b>(1,375)</b>	<b>(424)</b>	<b>(1,668)</b>	<b>(1,543)</b>
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	132	0	0	0
<b>Net other adjustments</b>	<b>(621)</b>	<b>132</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Movement in cash</b>	<b>157</b>	<b>(1,362)</b>	<b>(375)</b>	<b>(1,897)</b>	<b>1,789</b>
Free cash flow to firm (FCFF)	4,769.80	580.76	657.98	373.59	3,923.82
Free cash flow to equity (FCFE)	573.61	(951.72)	(131.99)	(1,618.37)	2,074.03
<b>Per share (THB)</b>					
FCFF per share	2.62	0.32	0.36	0.20	2.15
FCFE per share	0.31	(0.52)	(0.07)	(0.89)	1.14
Recurring cash flow per share	4.50	1.93	2.58	3.29	3.85
Balance Sheet (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Tangible fixed assets (gross)	40,518	43,174	47,332	50,832	55,332
Less: Accumulated depreciation	(25,167)	(27,354)	(30,272)	(33,641)	(38,233)
<b>Tangible fixed assets (net)</b>	<b>15,351</b>	<b>15,820</b>	<b>17,059</b>	<b>17,191</b>	<b>17,098</b>
<b>Intangible fixed assets (net)</b>	<b>4,309</b>	<b>5,566</b>	<b>4,050</b>	<b>3,870</b>	<b>3,849</b>
Long-term financial assets	1,630	1,177	2,000	2,000	2,000
Invest. in associates & subsidiaries	2,888	2,627	2,627	2,627	2,627
Cash & equivalents	8,430	7,068	6,693	4,796	6,584
A/C receivable	4,288	5,733	5,648	6,448	6,804
Inventories	1,805	1,327	2,224	3,515	2,263
Other current assets	1,870	1,931	1,901	2,136	1,849
<b>Current assets</b>	<b>16,393</b>	<b>16,059</b>	<b>16,466</b>	<b>16,895</b>	<b>17,500</b>
Other assets	1,022	1,724	1,710	1,697	1,684
<b>Total assets</b>	<b>41,593</b>	<b>42,973</b>	<b>43,913</b>	<b>44,280</b>	<b>44,759</b>
Common equity	24,534	25,007	26,644	28,539	30,484
Minorities etc.	3,192	3,282	3,348	3,415	3,483
<b>Total shareholders' equity</b>	<b>27,726</b>	<b>28,290</b>	<b>29,992</b>	<b>31,955</b>	<b>33,967</b>
Long term debt	5,090	7,439	6,401	4,790	3,767
Other long-term liabilities	324	355	382	372	380
<b>Long-term liabilities</b>	<b>5,413</b>	<b>7,794</b>	<b>6,783</b>	<b>5,162</b>	<b>4,147</b>
A/C payable	2,311	2,409	2,125	1,968	2,006
Short term debt	4,523	2,365	3,168	3,388	2,741
Other current liabilities	1,618	2,114	1,846	1,808	1,898
<b>Current liabilities</b>	<b>8,453</b>	<b>6,889</b>	<b>7,139</b>	<b>7,164</b>	<b>6,645</b>
<b>Total liabilities and shareholders' equity</b>	<b>41,593</b>	<b>42,973</b>	<b>43,913</b>	<b>44,280</b>	<b>44,759</b>
Net working capital	4,033	4,467	5,802	8,323	7,012
Invested capital	29,233	31,381	33,249	35,708	34,271
* Includes convertibles and preferred stock which is being treated as debt					
<b>Per share (THB)</b>					
Book value per share	13.46	13.72	14.62	15.66	16.73
Tangible book value per share	11.10	10.67	12.40	13.54	14.61
<b>Financial strength</b>					
Net debt/equity (%)	4.3	9.7	9.6	10.6	(0.2)
Net debt/total assets (%)	2.8	6.4	6.5	7.6	(0.2)
Current ratio (x)	1.9	2.3	2.3	2.4	2.6
CF interest cover (x)	8.8	4.0	7.6	4.1	12.1
Valuation	2022	2023	2024E	2025E	2026E
<b>Recurring P/E (x) *</b>	<b>3.9</b>	<b>10.4</b>	<b>6.2</b>	<b>5.5</b>	<b>5.3</b>
<b>Recurring P/E @ target price (x) *</b>	<b>4.5</b>	<b>12.0</b>	<b>7.2</b>	<b>6.3</b>	<b>6.1</b>
Reported P/E (x)	2.8	10.4	6.2	5.5	5.3
Dividend yield (%)	3.2	1.2	1.9	2.2	2.3
Price/book (x)	0.5	0.5	0.5	0.4	0.4
Price/tangible book (x)	0.6	0.7	0.6	0.5	0.5
EV/EBITDA (x) **	3.1	4.6	3.6	3.2	2.2
EV/EBITDA @ target price (x) **	3.5	5.1	4.0	3.6	2.5
EV/invested capital (x)	0.6	0.6	0.6	0.5	0.5
* Pre-exceptional, pre-goodwill and fully diluted    ** EBITDA includes associate income and recurring non-operating income					

Sources: Thoresen Thai Agencies; FSSIA estimates

# Thoresen Thai Agencies (TTA TB)

## FSSIA ESG rating



**65.35 /100**

### Exhibit 4: FSSIA ESG score implication

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

Sources: FSSIA estimates

### Exhibit 5: ESG – peer comparison

	FSSIA	Domestic ratings						Global ratings						Bloomberg	
	ESG score	DJSI	SET THSI	THSI	CG score	AGM level	Thai CAC	Morningstar ESG risk	ESG Book	MSCI	Moody's	Refinitiv	S&P Global	ESG score	Disclosure score
SET100	69.20	5.34	4.40	4.40	4.76	4.65	3.84	Medium	51.76	BBB	20.87	58.72	63.91	3.72	28.17
Coverage	67.12	5.11	4.15	4.17	4.83	4.71	3.53	Medium	52.04	BB	16.97	56.85	62.09	3.40	31.94
NYT	43.79	--	--	Y	5.00	5.00	--	--	53.86	--	--	57.61	--	6.57	45.96
PSL	55.45	--	Y	Y	5.00	5.00	Certified	Medium	59.76	BB	--	--	51.00	--	--
RCL	27.51	--	--	--	4.00	4.00	--	High	41.46	--	--	20.37	13.00	.94	30.36
SJWD	42.41	--	Y	Y	5.00	5.00	--	--	56.00	--	--	42.01	--	3.44	41.46
TTA	65.35	--	Y	Y	5.00	5.00	Certified	Medium	56.56	AA	--	50.79	25.00	3.31	56.20

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

### Exhibit 6: ESG score by Bloomberg

FY ending Dec 31	FY 2019	FY 2020	FY 2021	FY 2022
<b>ESG financial materiality scores - ESG score</b>	<b>—</b>	<b>—</b>	<b>4.82</b>	<b>3.31</b>
BESG environmental pillar score	—	—	4.86	2.13
BESG social pillar score	—	—	7.33	6.02
BESG governance pillar score	—	—	3.34	3.29
<b>ESG disclosure score</b>	<b>40.92</b>	<b>46.13</b>	<b>53.95</b>	<b>56.20</b>
Environmental disclosure score	16.79	26.31	34.25	37.24
Social disclosure score	24.73	30.86	46.40	50.18
Governance disclosure score	81.10	81.10	81.10	81.10
<b>Environmental</b>				
Emissions reduction initiatives	Yes	Yes	Yes	Yes
Climate change policy	Yes	Yes	Yes	Yes
Climate change opportunities discussed	No	No	No	No
Risks of climate change discussed	No	Yes	Yes	Yes
GHG scope 1	—	—	24	35
GHG scope 2 location-based	—	—	1	0
GHG Scope 3	—	—	0	—
Carbon per unit of production	—	—	—	—
Biodiversity policy	No	No	No	No
Energy efficiency policy	Yes	Yes	Yes	Yes
Total energy consumption	—	—	1	1
Renewable energy use	—	—	—	—
Electricity used	—	1	1	1
Fuel used - natural gas	—	—	—	—

Sources: Bloomberg; FSSIA's compilation

**Exhibit 7: ESG score by Bloomberg (cont.)**

FY ending Dec 31	FY 2019	FY 2020	FY 2021	FY 2022
Fuel used - crude oil/diesel	No	No	No	No
Waste reduction policy	Yes	Yes	Yes	Yes
Hazardous waste	—	—	—	—
Total waste	—	—	0	0
Waste recycled	—	—	—	—
Waste sent to landfills	—	—	—	—
Environmental supply chain management	Yes	Yes	Yes	Yes
Water policy	Yes	Yes	Yes	Yes
Water consumption	—	—	—	224
<b>Social</b>				
Human rights policy	Yes	Yes	Yes	Yes
Policy against child labor	No	No	Yes	Yes
Quality assurance and recall policy	Yes	Yes	Yes	Yes
Consumer data protection policy	No	No	No	No
Equal opportunity policy	No	Yes	Yes	Yes
Gender pay gap breakout	No	No	No	No
Pct women in workforce	35	64	64	67
Pct disabled in workforce	0	0	0	0
Business ethics policy	Yes	Yes	Yes	Yes
Anti-bribery ethics policy	Yes	Yes	Yes	Yes
Health and safety policy	Yes	Yes	Yes	Yes
Lost time incident rate - employees	—	—	0	0
Total recordable incident rate - employees	—	—	0	0
Training policy	Yes	Yes	Yes	Yes
Fair remuneration policy	No	No	No	No
Number of employees – CSR	104	81	76	85
Employee turnover pct	54	30	24	5
Total hours spent by firm - employee training	501	296	310	629
Social supply chain management	Yes	Yes	Yes	Yes
<b>Governance</b>				
<b>Board size</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>11</b>
<b>No. of independent directors (ID)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
No. of women on board	1	1	1	1
No. of non-executive directors on board	6	7	8	8
Company conducts board evaluations	Yes	Yes	Yes	Yes
No. of board meetings for the year	8	10	8	8
Board meeting attendance pct	94	90	94	97
Board duration (years)	3	3	3	3
Director share ownership guidelines	No	No	No	No
Age of the youngest director	39	40	41	42
Age of the oldest director	79	80	81	82
<b>No. of executives / company managers</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
No. of female executives	0	1	1	1
Executive share ownership guidelines	No	No	No	No
<b>Size of audit committee</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
No. of ID on audit committee	3	3	3	3
Audit committee meetings	7	7	6	7
Audit meeting attendance %	100	95	100	100
<b>Size of compensation committee</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
No. of ID on compensation committee	2	2	2	2
No. of compensation committee meetings	2	2	3	2
Compensation meeting attendance %	83	67	67	100
<b>Size of nomination committee</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
No. of nomination committee meetings	2	2	3	2
Nomination meeting attendance %	83	67	67	100
<b>Sustainability governance</b>				
Verification type	No	No	No	No

Sources: Bloomberg; FSSIA's compilation



## Disclaimer for ESG scoring

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

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

Source: FSSIA's compilation





GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Jitra Amornthum FSS International Investment Advisory Securities Co., Ltd

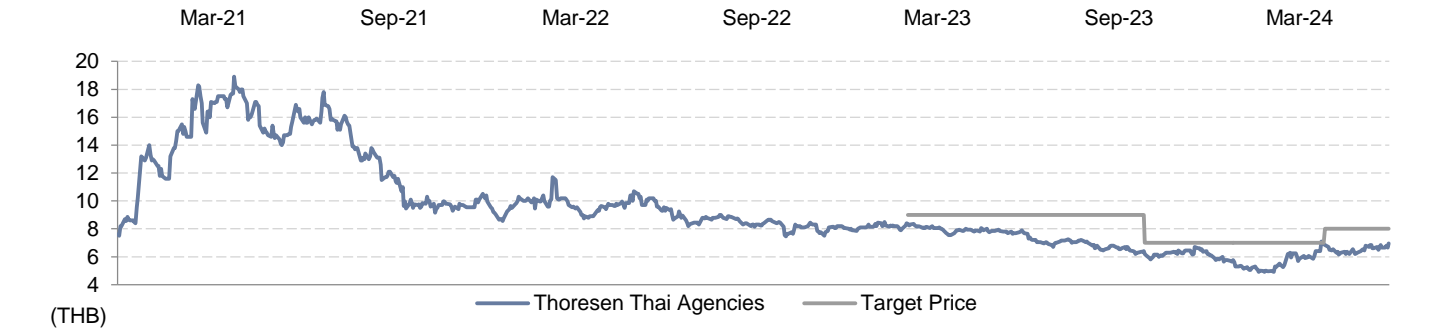
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s)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

This report has been prepared by FSS International Investment Advisory Securities Company Limited (FSSIA). The information herein has been obtained from sources believed to be reliable and accurate; however FSSIA makes no representation as to the accuracy and completeness of such information. Information and opinions expressed herein are subject to change without notice. FSSIA has no intention to solicit investors to buy or sell any security in this report. In addition, FSSIA does not guarantee returns nor price of the securities described in the report nor accept any liability for any loss or damage of any kind arising out of the use of such information or opinions in this report. Investors should study this report carefully in making investment decisions. All rights are reserved.

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

Thoresen Thai Agencies (TTA TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
10-Jan-2023	HOLD	9.00	02-Aug-2023	HOLD	7.00	-	-	-
10-May-2023	BUY	9.00	04-Jan-2024	BUY	8.00			

Jitra Amornthum started covering this stock from 10-Jan-2023

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Thoresen Thai Agencies	TTA TB	THB 6.95	BUY	Downside risks to our P/E-based TP include 1) a fall in freight rates (TCE); 2) exchange rate volatility; 3) slow economic growth in China; and 4) regulatory risks, including new EEXI and CII requirements, effective 1 Jan-23.

Source: FSSIA estimates

Additional Disclosures

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

All share prices are as at market close on 29-Feb-2024 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.