### **EQUITY RESEARCH - COMPANY REPORT**

# MICRO LEASING

# **MICRO TB**

THAILAND / DIVERSIFIED FINANCIALS

# ปัจจัยลบบดบังการเติบโต

- คาดกำไรสุทธิ 2Q22 จะอยู่ในระดับอ่อนแอที่ 27 ลบ. จากหนี้ด้อยคุณภาพและค่าใช้จ่าย ดำเนินงาน
- หนี้ด้อยคุณภาพน่าจะฉุดกำไรสุทธิในไตรมาสต่อ ๆ ไปอย่างต่อเนื่อง
- ปรับลดประมาณการกำไรสุทธิปี 2022-24 ลง 31%/24%/14% และปรับราคาเป้าหมายไป ในปี 2023 ที่ 5.5 บาท ปรับลดคำแนะนำเป็นถือเนื่องจากเราคิดว่ากำไรสุทธิน่าจะยังไม่ กลับมาโตจนกว่าจะถึง 4Q22

## หนี้ด้อยคุณภาพและค่าใช้จ่ายดำเนินงานน่าจะนำมาซึ่งผลประกอบการที่อ่อนแอ ใน 2Q22

MICRO น่าจะรายงานกำไรสุทธิที่อ่อนแอใน 2Q22 โดยคาดว่าจะอยู่ที่ 27 ลบ. (-46% y-y, -47% q-q) จาก 1) ผลขาดทุนทางเครดิตที่คาดว่าจะเกิดขึ้น (ECL) ที่เพิ่มอย่างมีนัยสำคัญถึง 51% y-y และ 64% q-q ตามหนี้ด้อยคุณภาพที่เพิ่มเป็นจำนวนมากถึง 40% q-q คิดเป็น สัดส่วนหนี้ด้อยคุณภาพที่ 4.96% จาก 3.85% ใน 1Q22; และ 2) ค่าใช้จ่ายดำเนินงานที่เพิ่ม อย่างเห็นได้ชัดถึง 63% y-y และ 24% q-q ส่วนมากจากการขยายสาขา การจัดตั้งบริษัทย่อย ใหม่ (Micro Plus Leasing) และค่าใช้จ่ายในการติดตามหนี้ เราเห็นว่าปัจจัยลบน่าจะบดบัง รายได้จากการดำเนินงานที่โตดีถึง 21% y-y และ 5% q-q เราคาดว่าปริมาณสินเชื่อจะเพิ่ม 43% y-y และ 9% q-q จากความต้องการรถบรรทุกมือสองที่เพิ่มขึ้นและส่วนแบ่งตลาดที่ เพิ่มขึ้น

# ราคาพลังงานที่อยู่ในระดับสูง เงินเฟ้อที่กำลังปรับตัวสูงขึ้นทำให้เกิดการเสื่อม ของสินทรัพย์

จากการมุ่งเน้นไปในตลาดรายย่อย เราคิดว่า MICRO จะได้รับผลกระทบเชิงลบมากกว่าจาก ราคาพลังงานและเงินเพื่อที่อยู่ในระดับสูง เนื่องจากลูกหนี้ของ MICRO ต้องรอ 3 ถึง 6 เดือน ก่อนที่จะสามารถส่งผ่านภาระตันทุนพลังงานที่อยู่ในระดับสูงให้แก่ลูกค้า เราคิดว่าปัจจัย ดังกล่าวจะชะลอความสามารถของลูกค้าในการชำระหนี้ ซึ่งจะทำให้หนี้ด้อยคุณภาพกระโดด เพิ่ม 40% q-q ใน 2Q22 นอกจากนี้ตัวเลขรถยึดยังเพิ่มเป็น 160 คันในไตรมาสที่ 2 จากเวลาที่ ต้องใช้อย่างน้อย 6 เดือนในการจัดการกับหนี้ด้อยคุณภาพจนเป็นที่ยุติ เราคิดว่าผลกำไรของ MICRO จะถูกฉุดจากสำรองที่อยู่ในระดับสูงจนถึงสิ้นปี 2022

## คาด Micro Plus จะขาดทุนจนถึงช่วง 1H23

ในเดือน มี.ค. 22 MICRO ได้จัดตั้งกิจการร่วมค้า Micro Plus Leasing ซึ่งประกอบธุรกิจสินเชื่อ เช่าซื้อรถจักรยานยนต์ใหม่ ณ สิ้น 2Q22 พอร์ตสินเชื่อของ Micro Plus อยู่ที่ 70 ลบ. แม้ว่าเรา จะชอบกลยุทธ์ในการกระจายความเสี่ยงของพอร์ตและฐานลูกค้าของบริษัทฯ เราคิดว่า Micro Plus อาจสร้างผลขาดทุนตั้งแต่ 2Q22 จนถึง 1H23 จากค่าใช้จ่ายดำเนินงานในช่วงเริ่มต้น

## ปรับลดคำแนะนำเป็นถือที่ราคาเป้าหมายปี 2023 ที่ 5.5 บาท (GGM)

เราปรับลดประมาณการกำไรสุทธิปี 2022-24 ลง 31%/24%/14% ส่วนมากเพื่อสะท้อน ECL และค่าใช้จ่ายดำเนินงานที่สูงขึ้น เราปรับราคาเป้าหมายไปในปี 2023 ที่ 5.5 บาท (คิดเป็นค่า 2023E P/E ที่ 20x) และปรับลดคำแนะนำเป็นถือ เนื่องจากเราคาดว่า MICRO จะรายงานกำไร สุทธิที่อ่อนแอจนถึง 4Q22 จาก ECL และค่าใช้จ่ายดำเนินงานที่สูงขึ้น เราคิดว่าผลประกอบการ ของบริษัทฯ น่าจะกลับมาดีใน 1Q23 เมื่อถึงตอนนั้น เราอาจกลับมาให้ความสนใจ MICRO อีก ครั้ง



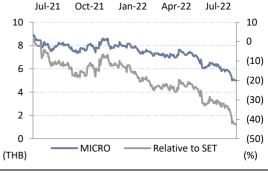
# HOLD

#### FROM BUY

| TARGET PRICE    | THB5.50  |
|-----------------|----------|
| CLOSE           | THB4.98  |
| UP/DOWNSIDE     | +10.4%   |
| PRIOR TP        | THB10.70 |
| CHANGE IN TP    | -48.6%   |
| TP vs CONSENSUS | -43.1%   |

## **KEY STOCK DATA**

| YE Dec (THB m)       | 2021 | 2022E  | 2023E  | 2024E  |
|----------------------|------|--------|--------|--------|
| Operating profit     | 227  | 235    | 327    | 434    |
| Net profit           | 187  | 188    | 262    | 347    |
| EPS (THB)            | 0.20 | 0.20   | 0.28   | 0.37   |
| vs Consensus (%)     | -    | (22.2) | (19.3) | 28.9   |
| Core net profit      | 187  | 188    | 262    | 347    |
| Core EPS (THB)       | 0.20 | 0.20   | 0.28   | 0.37   |
| Chg. In EPS est. (%) | -    | (30.8) | (24.1) | (13.9) |
| EPS growth (%)       | 13.3 | 0.4    | 39.0   | 32.8   |
| Core P/E (x)         | 24.8 | 24.7   | 17.8   | 13.4   |
| Dividend yield (%)   | 1.5  | 0.8    | 1.1    | 2.2    |
| Price/book (x)       | 2.4  | 2.2    | 2.0    | 1.8    |
| ROE (%)              | 9.9  | 9.3    | 11.9   | 14.4   |
| ROA (%)              | 5.5  | 4.1    | 4.5    | 4.9    |



| Share price performance        | 1 Month | 3 Month    | 12 Month   |
|--------------------------------|---------|------------|------------|
| Absolute (%)                   | (21.6)  | (30.8)     | (45.3)     |
| Relative to country (%)        | (17.2)  | (25.1)     | (45.2)     |
| Mkt cap (USD m)                |         |            | 128        |
| 3m avg. daily turnover (USD m) |         |            | 0.3        |
| Free float (%)                 |         |            | 21         |
| Major shareholder              | Aud     | chyawat Fa | mily (58%) |
| 12m high/low (THB)             |         |            | 9.20/4.96  |
| Issued shares (m)              |         |            | 935        |

Sources: Bloomberg consensus; FSSIA estimates



Yuvanart Suwanumphai yuvanart.suw@fssia.com +66 2611 3554

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

### Investment thesis

Micro Leasing (MICRO) is a specialist second-hand truck lender in Thailand, with more than 26 years of experience in the business.

We cut our net profit forecasts for 2022-24 by 31%/24%/14% to mainly reflect its higher ECL and OPEX. We roll forward to 2023 our TP of THB5.5 (implying 2023E P/E of 20x) and downgrade our recommendation to HOLD as we expect MICRO to deliver unimpressive net profit until 4Q22 due to a rise in ECL and OPEX. Its performance should get back on track in 1Q23. At that time, we might put it back in our basket.

# Company profile

Micro Leasing was founded in November 1994. The company specialises in loans for second-hand 6- to 12-wheel trucks made by the top three brands in Thailand: Isuzu, Hino and Fuso. It lends under a hire-purchase agreement with a 70-85% loan-to-value and with loan durations of 4-5 years.

www.microleasingplc.com

# Principal activities (revenue, 2021)

■ Net interest income - 77.4 %

■ Non-interest income - 22.6 %



Source: Micro Leasing

# **Major shareholders**

- Auchyawat Family 57.7 %
- Sataporn Ngamrueangpong 3.2
- Kaitipong Termkunanon 3.2 %
- Others 36.0 %

Source: Micro Leasing

## **Catalysts**

Potential share price catalysts for MICRO include: 1) higher loan growth due to gaining more market share from local peers; and 2) efficient asset quality control

### Risks to our call

Downside risks to our GGM-derived TP include 1) an economic slowdown, especially for logistics activities and private investment; 2) deteriorating asset quality; and 3) higher-than-expected policy rate hikes. Upside risks include 1) efficient asset quality control; and 2) the faster ramping up of its new businesses, including new motorcycle hire purchase loans, truck title loans, and insurance brokerage

## **Event calendar**

| Date       | Event                     |
|------------|---------------------------|
| 8 Aug 2022 | 2Q22 results announcement |

## **Key assumptions**

| Year to Dec        | 2022E | 2023E | 2024E |
|--------------------|-------|-------|-------|
|                    | (%)   | (%)   | (%)   |
| Net profit (THB m) | 188   | 262   | 347   |
| Net profit growth  | 0.4   | 39.0  | 32.8  |
| NIM                | 12.71 | 12.36 | 12.17 |
| Loan growth        | 30.0  | 25.0  | 25.0  |
| Fee growth         | 30.0  | 33.0  | 28.0  |
| Non-NII growth     | 28.3  | 31.5  | 27.2  |
| Credit cost (bps)  | 525   | 500   | 485   |
| Cost to income     | 35.4  | 33.0  | 31.2  |

Source: FSSIA estimates

## Earnings sensitivity

| Year to Dec            |       |       | - 2022E |       |
|------------------------|-------|-------|---------|-------|
| Loan growth            | ±2ppt | 28.0  | 30.0    | 32.0  |
| % change in net profit |       | (1.3) | -       | 1.3   |
| NIM (%)                | ±5bp  | 12.66 | 12.71   | 12.76 |
| % change in net profit |       | (2.3) | -       | 2.3   |
| Credit cost (bps)      | ±10bp | 515.0 | 525.0   | 535.0 |
| % change in net profit |       | 2.0   | -       | (2.0) |
|                        |       |       |         |       |
|                        |       |       |         |       |

Source: FSSIA estimates

3

# NPLs and OPEX led to a weak 2Q22 performance

MICRO delivered a feeble net profit in 2Q22 at THB27m (-46% y-y, -47% q-q), dragged down by 1) a significant increase in its expected credit loss (ECL) by 51% y-y, 64% q-q, following a substantial increase in its NPLs by 40% q-q, implying an NPL ratio of 4.96% from 3.85% in 1Q22; and 2) a noticeable rise in its OPEX by 63% y-y, 24% q-q due mainly to its branch expansion, the setting up of a new subsidiary, Micro Plus Leasing, and debt collection expenses. Such negative factors completely drowned out its strong operating income growth of 21% y-y, 5% q-q, in our view. We expect MICRO's loan volume to surge 43% y-y, 9% q-q, due to higher demand for used trucks and from gaining more market share from smaller local competitors.

## 2Q22 key highlights

- We expect MICRO to post outstanding loan growth of 43% y-y and 9% q-q due to the high demand for used trucks. According to the Department of Land Transport, the number of registered used trucks in 2Q22 was at 8.7k units, slightly below 1Q22 by 1.6%, but still at a high level. Moreover, we believe MICRO was able to successfully compete for market share with local competitors due to its branch expansion.
- Its NIM might decline to 12.4% from 12.9% in 1Q22 as the company lent more towards newer truck models, which command a lower yield than older trucks.
- Cost to income might rise to 42.7% in 2Q22 from 31.8% in 2Q21 from its sixbranch expansion, the setting up of Micro Plus Leasing, and debt collection expenses.

Exhibit 1: MICRO - summary of 2Q22 earnings preview

| Year-end Dec 31            | 2Q21    | 1Q22    |         | 2Q22E   |         |         | 1H22E   |      | 2022E   | Change  | 2Q22E Comments |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|------|---------|---------|----------------|
|                            | (THB m) | (THB m) | (THB m) | (y-y %) | (q-q %) | (THB m) | (y-y %) | %22E | (THB m) | (y-y %) |                |
| Net interest income        | 106     | 128     | 133     | 26      | 4       | 261     | 28      | 47   | 555     | 26      |                |
| Non-interest income*       | 37      | 37      | 40      | 8       | 7       | 77      | 17      | 47   | 165     | 28      |                |
| Operating income*          | 143     | 165     | 173     | 21      | 5       | 338     | 26      | 47   | 720     | 26      |                |
| Operating expenses         | 45      | 60      | 74      | 63      | 24      | 134     | 50      | 52   | 255     | 37      |                |
| PPOP before tax            | 97      | 105     | 99      | 2       | (6)     | 204     | 13      | 44   | 465     | 21      |                |
| Expected credit loss       | 43      | 39      | 65      | 51      | 64      | 104     | 68      | 45   | 229     | 47      |                |
| Income tax                 | 4       | 14      | 7       | 63      | (48)    | 21      | 24      | 45   | 47      | 18      |                |
| Minority interest          | 0       | 0       | 0       |         |         | 0       |         |      | 0       |         |                |
| Normalised profit          | 50      | 52      | 27      | (46)    | (47)    | 79      | (22)    | 42   | 188     | 0       |                |
| Extraordinary items        | 0       | 0       | 0       |         |         | 0       |         |      | 0       |         |                |
| Net profit                 | 50      | 52      | 27      | (46)    | (47)    | 79      | (22)    | 42   | 188     | 0       |                |
| EPS (THB)                  | 0.05    | 0.06    | 0.03    | (46)    | (47)    | 0.08    | (22)    | 42   | 0.20    | 0       |                |
| Asset quality ratio (%)    |         |         |         |         |         |         |         |      |         |         |                |
| NPLs (THB m)               | 117     | 159     | 222     | 90      | 40      |         |         |      | 204     | 55      |                |
| NPLs / loans               | 3.74    | 3.85    | 4.96    |         |         |         |         |      | 4.13    |         |                |
| Loan loss reserve/NPLs     | 98      | 109     | 95      |         |         |         |         |      | 103     |         |                |
| Credit cost (bps)          | 573     | 397     | 600     |         |         |         |         |      | 525     |         |                |
| Profitability ratio (%)    |         |         |         |         |         |         |         |      |         |         |                |
| Cost to income ratio       | 31.8    | 36.2    | 42.7    |         |         |         |         |      | 35.4    |         |                |
| Average yield              | 16.0    | 15.6    | 15.5    |         |         |         |         |      | 15.7    |         |                |
| Cost of funds (COF)        | 4.6     | 5.2     | 5.5     |         |         |         |         |      | 5.2     |         |                |
| Net interest margin (NIM)  | 14.2    | 12.9    | 12.4    |         |         |         |         |      | 12.7    |         |                |
| Non-int inc / total income | 25.7    | 22.6    | 23.0    |         |         |         |         |      | 22.9    |         |                |
| Loan growth (%)            |         |         |         |         |         |         |         |      |         |         |                |
| у-у                        | 46.4    | 45.6    | 43.0    |         |         |         |         |      | 30.0    |         |                |
| q-q                        | 10.4    | 8.8     | 9.0     |         |         |         |         |      |         |         |                |

\*Including share of profits from associates Sources: MICRO; FSSIA estimates

## **Exhibit 2: The number of registered used trucks**

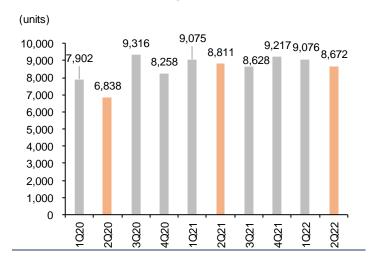
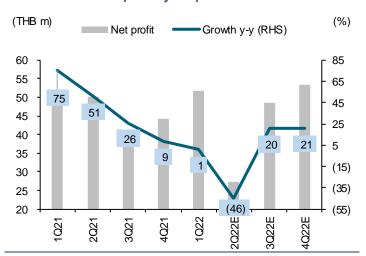


Exhibit 3: MICRO's quarterly net profit



Sources: Department of Land Transport; FSSIA's estimates

Sources: MICRO; FSSIA's estimates

# Micro Plus should have a green bottom line in 2022

In Mar-22, MICRO established a JV, "Micro Plus Leasing", which will operate a new motorcycle hire purchase (HP) business with registered capital of THB400m. MICRO holds a 51% stake; Mr. Thammasak (co-founder of MICRO)'s group holds 30%; and Mr. Thaveephol's group holds 19%. Mr. Thaveephol has expertise in the motorcycle HP industry with more than 20 years of experience.

As of 2Q22, Micro Plus' loan portfolio was worth THB70m. We like the strategy to expand to motorbike HP as this should benefit MICRO in terms of diversification into a higher-yielding portfolio and client base, while enhancing long-term growth. However, due to the front-loaded OPEX, it should generate a loss from 2Q22 to 1H23, we think.

# **Earnings and target price revisions**

We cut our net profit forecasts for 2022-24 by 31%/24%/14% to reflect 1) our higher credit cost assumptions from 419/400/400 bps to 525/500/485 bps during 2022-24, as we expect that its NPLs might increase at a higher rate due to the high energy prices; 2) the increased OPEX pressure by 11%/11%/13% in 2022-24 from higher debt collection fees and MICRO Plus' related expenses; and 3) the higher cost of funds from 5.1%/5.2%/5.3% to 5.2%/5.4%/5.5% in 2022-24 to reflect expected policy rate hikes.

To recap, FSSIA expects the policy rate to rise 50 bps in 2022 and another 50 bps in 1H23, lifting Thailand's policy rate up to 1% in 2022 and 1.5% in 2023.

Exhibit 4: Key changes in assumptions

|                                 |         |         | 2022E   |        |         | 2023E   |        |         | 2024E   |        |
|---------------------------------|---------|---------|---------|--------|---------|---------|--------|---------|---------|--------|
|                                 | 2021    | Old     | New     | Change | Old     | New     | Change | Old     | New     | Change |
|                                 | (THB m) | (THB m) | (THB m) | (%)    | (THB m) | (THB m) | (%)    | (THB m) | (THB m) | (%)    |
| Net interest income             | 441     | 587     | 555     | (5.5)  | 694     | 686     | (1.0)  | 808     | 844     | 4.5    |
| Non-interest income             | 128     | 165     | 165     | (0.1)  | 217     | 217     | 0.0    | 276     | 276     | 0.0    |
| Operating income                | 569     | 752     | 720     | (4.3)  | 910     | 903     | (0.8)  | 1,084   | 1,120   | 3.4    |
| Operating expenses              | 186     | 229     | 255     | 11.4   | 268     | 298     | 11.4   | 308     | 349     | 13.3   |
| PPOP before tax*                | 383     | 523     | 465     | (11.2) | 642     | 605     | (5.9)  | 776     | 771     | (0.6)  |
| Expected credit loss (Reversal) | 156     | 183     | 229     | 25.2   | 222     | 278     | 25.0   | 278     | 337     | 21.3   |
| Tax expenses                    | 40      | 68      | 47      | (30.8) | 76      | 65      | (13.5) | 95      | 87      | (8.2)  |
| Minority interest               | -       | -       | -       |        | 0       | -       |        | -       | -       |        |
| Normalised profit               | 187     | 272     | 188     | (30.8) | 345     | 262     | (24.1) | 403     | 347     | (13.9) |
| Extraordinary items             | -       | -       | -       |        | 0       | -       |        | -       | -       |        |
| Net profit                      | 187     | 272     | 188     | (30.8) | 345     | 262     | (24.1) | 403     | 347     | (13.9) |
| EPS (THB)                       | 0.20    | 0.29    | 0.20    | (30.6) | 0.4     | 0.28    | (24.1) | 0.43    | 0.37    | (13.9) |
| Key statistics and ratios       |         |         |         |        |         |         |        |         |         |        |
| Asset quality ratio             |         |         |         |        |         |         |        |         |         |        |
| Gross NPLs (THB m)              | 132     | 177     | 204     | 15.2   | 212     | 245     | 15.4   | 254     | 294     | 15.4   |
| Gross NPLs / Loans (%)          | 3.5     | 3.6     | 4.1     |        | 3.4     | 3.97    |        | 3.30    | 3.81    |        |
| Loan loss reserve/NPLs (%)      | 123     | 115     | 103     |        | 120.9   | 109     |        | 195     | 192     |        |
| Credit cost (bps)               | 491     | 419     | 525     |        | 400     | 500     |        | 400     | 485     |        |
| Profitability ratio (%)         |         |         |         |        |         |         |        |         |         |        |
| Cost to income ratio*           | 32.7    | 30.5    | 35.4    |        | 29.4    | 33.0    |        | 28.4    | 31.2    |        |
| Average yield                   | 15.9    | 15.8    | 15.7    |        | 15.8    | 15.8    |        | 15.8    | 15.8    |        |
| Cost of funds                   | 4.59    | 5.1     | 5.2     |        | 5.2     | 5.4     |        | 5.3     | 5.5     |        |
| Net interest margin (NIM)       | 13.9    | 13.4    | 12.7    |        | 12.5    | 12.4    |        | 12.4    | 12.2    |        |
| Loan growth (%)                 |         |         |         |        |         |         |        |         |         |        |
| у-у                             | 49.3    | 30.0    | 30.0    |        | 25.0    | 25.0    |        | 25.0    | 25.0    |        |

Sources: MICRO; FSSIA estimates

We roll over our valuations to 2023 and derive a new GGM-based TP of THB5.5, down from our previous TP of THB10.4, as we 1) cut our EPS forecast, leading to a lower book value; and 2) revise down our target 2023E P/BV to 2.2x from 4.6x 2022E P/BV, as we lower our ROE and terminal growth estimates.

Exhibit 5: MICRO – GGM-derived target price

| Target price (THB)      | 5.5 (from 10.4)  |
|-------------------------|------------------|
| Recommendation          | HOLD (from BUY)  |
| Risk-free rate (%)      | 3.0 (unchanged)  |
| Market risk premium (%) | 8.0 (unchanged)  |
| Cost of equity (%)      | 11.1 (unchanged) |
| Terminal growth (%)     | 10.3 (from 10.8) |
| ROE target (%)          | 12.0 (from 13.5) |
| Target PBV (x)          | 2.2 (from 4.6)   |
| Implied PE (x)          | 20 (from 37)     |

Source: FSSIA estimates

# Exhibit 6: MICRO - prospective P/BV band



Exhibit 7: MICRO – prospective P/E band



Sources: Bloomberg; FSSIA estimates

Sources: Bloomberg; FSSIA estimates

Exhibit 8: Thailand diversified financials – peers comparison

|                              | BBG       | Rec  | Share   | price  | Up   | Market  | EPS g | rowth | P.   | /E   | R0   | DE   | PE  | 3V  |
|------------------------------|-----------|------|---------|--------|------|---------|-------|-------|------|------|------|------|-----|-----|
|                              | code      |      | Current | Target | side | Сар     | 22E   | 23E   | 22E  | 23E  | 22E  | 23E  | 22E | 23E |
|                              |           |      | (THB)   | (THB)  | (%)  | (USD m) | (%)   | (%)   | (x)  | (x)  | (%)  | (%)  | (x) | (x) |
| Unsecured-loan lender        |           |      |         |        |      | 4,942   | 12.9  | 7.3   | 17.7 | 16.5 | 23.1 | 21.6 | 3.9 | 3.4 |
| Aeon Thana Sinsap (Thailand) | AEONTS TB | HOLD | 157.50  | 188.00 | 19   | 1,086   | 19.0  | 7.0   | 9.3  | 8.7  | 19.8 | 18.5 | 1.7 | 1.5 |
| Krungthai Card               | KTC TB    | HOLD | 54.25   | 60.00  | 11   | 3,857   | 11.2  | 7.4   | 20.1 | 18.7 | 24.1 | 22.5 | 4.5 | 4.0 |
| Auto-title lender            |           |      |         |        |      | 6,447   | 11.5  | 22.7  | 15.7 | 12.8 | 18.4 | 19.6 | 2.7 | 2.3 |
| Muangthai Capital            | мтс тв    | BUY  | 42.00   | 55.00  | 31   | 2,455   | 9.3   | 25.5  | 16.5 | 13.1 | 19.9 | 21.0 | 3.0 | 2.5 |
| Srisawad Corp                | SAWAD TB  | BUY  | 46.50   | 68.00  | 46   | 1,761   | 10.0  | 20.5  | 12.6 | 10.5 | 19.3 | 21.1 | 2.3 | 2.1 |
| Saksiam Leasing              | SAK TB    | BUY  | 6.75    | 12.00  | 78   | 390     | 38.5  | 25.9  | 16.8 | 13.3 | 16.2 | 18.1 | 2.6 | 2.3 |
| Ngern Tid Lor                | TIDLOR TB | BUY  | 26.75   | 43.00  | 61   | 1,842   | 10.1  | 20.3  | 17.2 | 14.3 | 15.9 | 16.5 | 2.5 | 2.2 |
| Truck lender                 |           |      |         |        |      | 1,554   | 8.6   | 27.0  | 19.2 | 14.8 | 11.2 | 13.0 | 1.9 | 1.8 |
| Micro Leasing                | MICRO TB  | HOLD | 4.98    | 5.50   | 10   | 128     | 0.4   | 39.0  | 24.7 | 17.8 | 9.3  | 11.9 | 2.2 | 2.0 |
| Singer Thailand              | SINGER TB | BUY  | 36.25   | 74.00  | 104  | 819     | 7.7   | 35.1  | 24.0 | 17.8 | 8.1  | 10.5 | 1.9 | 1.8 |
| Ratchthani Leasing           | THANI TB  | BUY  | 3.88    | 4.80   | 24   | 606     | 11.5  | 13.6  | 11.5 | 10.1 | 15.9 | 16.7 | 1.8 | 1.6 |
| Other                        |           |      |         |        |      | 1,084   | 4.1   | 8.5   | 7.1  | 6.6  | 8.0  | 8.2  | 0.6 | 0.5 |
| Thanachart Capital           | TCAP TB   | HOLD | 37.50   | 42.00  | 12   | 1,084   | 4.1   | 8.5   | 7.1  | 6.6  | 8.0  | 8.2  | 0.6 | 0.5 |
| Hire purchase motorcycle     |           |      |         |        |      | 163     | (9.5) | (4.0) | 14.0 | 14.6 | 10.1 | 7.6  | 1.2 | 1.0 |
| Next Capital                 | NCAP TB   | HOLD | 4.38    | 7.60   | 74   | 163     | (9.5) | (4.0) | 14.0 | 14.6 | 10.1 | 7.6  | 1.2 | 1.0 |

Share prices as of 12 Jul 2022 Sources: Bloomberg; FSSIA estimates

# **Financial Statements**

Micro Leasing

| Profit and Loss (THB m) Year Ending Dec         | 2020  | 2021        | 2022E | 2023E       | 2024E |
|-------------------------------------------------|-------|-------------|-------|-------------|-------|
| nterest Income                                  | 356   | 504         | 683   | 874         | 1,093 |
| nterest expense                                 | (48)  | (63)        | (128) | (188)       | (249) |
| Net interest income                             | 308   | 441         | 555   | 686         | 844   |
| Net fees & commission                           | 78    | 120         | 156   | 207         | 265   |
| Foreign exchange trading income                 | -     | -           | -     | -           | -     |
| Securities trading income                       | -     | -           | -     | -           | -     |
| Dividend income                                 | 0     | 0           | 0     | 0           | 0     |
| Other income                                    | 20    | 9           | 9     | 9           | 10    |
| Non interest income                             | 98    | 128         | 165   | 217         | 276   |
| Total income                                    | 406   | 569         | 720   | 903         | 1,120 |
| Staff costs                                     | (153) | (186)       | (255) | (298)       | (349) |
| Other operating costs                           | -     | -           | -     | -           | -     |
| Operating costs                                 | (153) | (186)       | (255) | (298)       | (349) |
| Pre provision operating profit                  | 253   | 383         | 465   | 605         | 771   |
| Provision for bad and doubtful debt             | (77)  | (156)       | (229) | (278)       | (337) |
| Other provisions                                | -     | -           | -     | -           | -     |
| Operating profit                                | 176   | 227         | 235   | 327         | 434   |
| Recurring non operating income                  | 0     | 0           | 0     | 0           | 0     |
| Associates                                      | 0     | 0           | 0     | 0           | 0     |
| Goodwill amortization                           | -     | -           | -     | -           | -     |
| Non recurring items                             | 0     | 0           | 0     | 0           | C     |
| Profit before tax                               | 176   | 227         | 235   | 327         | 434   |
| Гах                                             | (41)  | (40)        | (47)  | (65)        | (87)  |
| Profit after tax                                | 135   | 187         | 188   | 262         | 347   |
| Minority interests                              | 0     | 0           | 0     | 0           | C     |
| Preferred dividends                             | -     | -           | -     | -           | -     |
| Other items                                     | -     | -           | -     | -           | -     |
| Reported net profit                             | 135   | 187         | 188   | 262         | 347   |
| Non recurring items & goodwill (net)            | -     | -           | 0     | 0           | 0     |
| Recurring net profit                            | 135   | 187         | 188   | 262         | 347   |
| Per share (THB)                                 |       |             |       |             |       |
| Recurring EPS *                                 | 0.18  | 0.20        | 0.20  | 0.28        | 0.37  |
| Reported EPS                                    | 0.18  | 0.20        | 0.20  | 0.28        | 0.37  |
| OPS .                                           | 0.07  | 0.08        | 0.04  | 0.06        | 0.11  |
| Growth                                          |       |             |       |             |       |
| Net interest income (%)                         | 26.5  | 43.2        | 25.9  | 23.7        | 23.0  |
| Non interest income (%)                         | 104.8 | 30.5        | 28.3  | 31.5        | 27.2  |
| Pre provision operating profit (%)              | 56.6  | 51.2        | 21.3  | 30.2        | 27.5  |
| Operating profit (%)                            | 27.0  | 29.1        | 3.5   | 39.0        | 32.8  |
| Reported net profit (%)                         | 21.9  | 38.8        | 0.4   | 39.0        | 32.8  |
| Recurring EPS (%)                               | 11.8  | 13.3        | 0.4   | 39.0        | 32.8  |
| Reported EPS (%)                                | 11.8  | 13.3        | 0.4   | 39.0        | 32.8  |
| ncome Breakdown                                 |       |             |       |             |       |
| Net interest income (%)                         | 75.8  | 77.4        | 77.1  | 76.0        | 75.4  |
| Net fees & commission (%)                       | 19.2  | 21.1        | 21.7  | 23.0        | 23.7  |
| Foreign exchange trading income (%)             | -     |             |       | -           |       |
| Securities trading income (%)                   | _     | _           | -     | _           | -     |
| Dividend income (%)                             | _     | _           | _     | _           | _     |
| Other income (%)                                | 5.0   | 1.5         | 1.2   | 1.0         | 0.9   |
| Operating performance                           | 5.0   | 1.5         | 1.2   | 1.0         | 0.3   |
| Gross interest yield (%)                        | 15.53 | 15.90       | 15.65 | 15.75       | 15.75 |
| Gross interest yield (%) Cost of funds (%)      | 5.30  | 4.59        | 5.20  | 5.35        | 5.45  |
| Net interest spread (%)                         | 10.23 | 11.31       | 10.45 | 10.40       | 10.30 |
| Net interest spread (%) Net interest margin (%) | 13.4  | 13.9        | 12.7  | 12.4        | 12.2  |
| Cost/income(%)                                  | 37.6  | 32.7        | 35.4  | 33.0        | 31.2  |
|                                                 |       |             |       |             |       |
| Cost/assets(%)  Effective tax rate (%)          | 6.3   | 5.5<br>17.6 | 5.5   | 5.1<br>20.0 | 4.9   |
| Effective tax rate (%)                          | 23.3  | 17.6        | 20.0  | 20.0        | 20.0  |
| Dividend payout on recurring profit (%)         | 38.1  | 38.4        | 20.0  | 20.0        | 30.0  |
| ROE (%)<br>ROE - COE (%)                        | 9.3   | 9.9         | 9.3   | 11.9        | 14.4  |
|                                                 | (1.5) | (0.9)       | (1.5) | 1.1         | 3.6   |
|                                                 |       |             |       | 4.5         |       |
| ROA (%)<br>RORWA (%)                            | 5.5   | 5.5         | 4.1   | 4.5         | 4.9   |

Sources: Micro Leasing; FSSIA estimates

# **Financial Statements**

Micro Leasing

| Balance Sheet (THB m) Year Ending Dec  | 2020  | 2021  | 2022E        | 2023E | 2024E |
|----------------------------------------|-------|-------|--------------|-------|-------|
| Gross customer loans                   | 2,542 | 3,796 | 4,935        | 6,168 | 7,710 |
| Total provisions                       | (98)  | (162) | (211)        | (266) | (564) |
| nterest in suspense                    | 0     | 0     | 0            | 0     | C     |
| Net customer loans                     | 2,444 | 3,634 | 4,724        | 5,903 | 7,147 |
| Bank loans                             | -     | -     | -            | -     | -     |
| Government securities                  | -     | -     | -            | -     |       |
| Frading securities                     | -     | -     | -            | -     | -     |
| nvestment securities                   | 0     | 0     | 0            | 0     | C     |
| Cash & equivalents                     | 128   | 142   | 179          | 135   | 134   |
| Other interesting assets               | -     | -     | -            | -     | -     |
| Tangible fixed assets                  | 7     | 11    | 19           | 32    | 53    |
| Associates                             | -     | -     | -            | -     | -     |
| Goodwill                               | -     | -     | -            | -     | -     |
| Other intangible assets                | -     | -     | -            | -     | -     |
| Other assets                           | 176   | 248   | 330          | 405   | 485   |
| Total assets                           | 2,755 | 4,034 | 5,252        | 6,474 | 7,819 |
| Customer deposits                      | 0     | 0     | 0            | 0     | C     |
| Bank deposits                          | -     | -     | -            | -     | -     |
| Other interest bearing liabilities     | 823   | 1,929 | 3,011        | 4,015 | 5,109 |
| Non interest bearing liabilities       | 109   | 147   | 154          | 162   | 170   |
| Hybrid Capital                         | -     | -     | -            | -     | -     |
| Total liabilities                      | 932   | 2,076 | 3,165        | 4,177 | 5,279 |
| Share capital                          | 935   | 935   | 935          | 935   | 935   |
| Reserves                               | 888   | 1,023 | 1,152        | 1,362 | 1,605 |
| Total equity                           | 1,823 | 1,958 | 2,087        | 2,297 | 2,540 |
| Minority interests                     | 0     | 0     | 0            | 0     | C     |
| Total liabilities & equity             | 2,755 | 4,034 | 5,252        | 6,474 | 7,819 |
| Supplementary items                    |       |       |              |       |       |
| Risk weighted assets (RWA)             | n/a   | n/a   | n/a          | n/a   | n/a   |
| Average interest earning assets        | 2,289 | 3,169 | 4,365        | 5,551 | 6,939 |
| Average interest bearing liabilities   | 905   | 1,376 | 2,470        | 3,513 | 4,562 |
| Fier 1 capital                         | n/a   | n/a   | n/a          | n/a   | n/a   |
| Fotal capital                          | 0     | 0     | 0            | 0     | C     |
| Gross non performing loans (NPL)       | 97    | 132   | 204          | 245   | 294   |
| Per share (THB)                        |       |       |              |       |       |
| Book value per share                   | 2.39  | 2.09  | 2.23         | 2.46  | 2.72  |
| Tangible book value per share          | 2.39  | 2.09  | 2.23         | 2.46  | 2.72  |
| Growth                                 |       |       |              |       |       |
| Gross customer loans                   | 24.8  | 49.3  | 30.0         | 25.0  | 25.0  |
| Average interest earning assets        | 29.4  | 38.4  | 37.8         | 27.2  | 25.0  |
|                                        | 30.1  | 46.4  | 30.2         | 23.3  | 20.8  |
| Fotal asset (%)                        | 30.1  | 40.4  | 30.2         | 23.3  | 20.0  |
| Risk weighted assets (%)               | -     | -     | -            | -     |       |
| Customer deposits (%)                  | nm    | nm    | nm           | nm    | nm    |
| Leverage & capital measures            |       |       |              |       |       |
| Customer loan/deposits (%)             | -     | -     | <del>-</del> | -     | -     |
| Equity/assets (%)                      | 66.2  | 48.5  | 39.7         | 35.5  | 32.5  |
| angible equity/assets (%)              | 66.2  | 48.5  | 39.7         | 35.5  | 32.5  |
| RWA/assets (%)                         | -     | -     | -            | -     |       |
| Γier 1 CAR (%)                         | -     | -     | -            | -     |       |
| Γotal CAR (%)                          | -     | -     | -            | -     |       |
| Asset Quality                          |       |       |              |       |       |
| Change in NPL (%)                      | 6.6   | 35.8  | 54.6         | 20.0  | 20.0  |
| NPL/gross loans (%)                    | 3.8   | 3.5   | 4.1          | 4.0   | 3.8   |
| Total provisions/gross loans (%)       | 3.9   | 4.3   | 4.3          | 3.4   | 7.3   |
| Total provisions/NPL (%)               | 100.9 | 122.9 | 103.3        | 108.6 | 192.1 |
| Industrian                             | -0000 | 2004  | 20005        | 20225 | 00045 |
| /aluation                              | 2020  | 2021  | 2022E        | 2023E | 2024E |
| Recurring P/E (x) *                    | 28.1  | 24.8  | 24.7         | 17.8  | 13.4  |
| Recurring P/E @ target price (x) *     | 31.1  | 27.4  | 27.3         | 19.6  | 14.8  |
| Reported P/E (x)                       | 28.1  | 24.8  | 24.7         | 17.8  | 13.4  |
| Dividend yield (%)                     | 1.4   | 1.5   | 0.8          | 1.1   | 2.2   |
| Price/book (x)                         | 2.1   | 2.4   | 2.2          | 2.0   | 1.8   |
| Price/tangible book (x)                | 2.1   | 2.4   | 2.2          | 2.0   | 1.8   |
|                                        |       |       |              |       |       |
| Price/tangible book @ target price (x) | 2.3   | 2.6   | 2.5          | 2.2   | 2.0   |

Sources: Micro Leasing; FSSIA estimates

## Corporate Governance report of Thai listed companies 2021

| you the control of th | residado y a clarado y sprita de presidente de ser  | EX     | CELLENT LE           | EVEL – Score          | range 90-100       |                     |                    |                         |                  |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|-----------------------|--------------------|---------------------|--------------------|-------------------------|------------------|--------|
| AAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BCPG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CPALL  | GCAP                 | K                     | MSC                | PLANET              | SAMART             | SPI                     | THRE             | TVD    |
| ADVANC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BDMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CPF    | GFPT                 | KBANK                 | MST                | PLAT                | SAMTEL             | SPRC                    | THREL            | TVI    |
| ١F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CPI    | GGC                  | KCE                   | MTC                | PORT                | SAT                | SPVI                    | TIPCO            | TVO    |
| .H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BGC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CPN    | GLAND                | KKP                   | MVP                | PPS                 | SC                 | SSSC                    | TISCO            | TWPC   |
| IRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BGRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CRC    | GLOBAL               | KSL                   | NCL                | PR9                 | SCB                | SST                     | TK               | U      |
| KP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BIZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CSS    | GPI                  | KTB                   | NEP                | PREB                | SCC                | STA                     | TKT              | UAC    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
| <b>K</b> R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | BKI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DDD    | GPSC                 | KTC                   | NER                | PRG                 | SCCC               | STEC                    | TMT              | UBIS   |
| _T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DELTA  | GRAMMY               | LALIN                 | NKI                | PRM                 | SCG                | STI                     | TNDT             | UV     |
| MA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BPP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DEMCO  | GULF                 | LANNA                 | NOBLE              | PROUD               | SCGP               | SUN                     | TNITY            | VGI    |
| MATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | BRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DRT    | GUNKUL               | LH                    | NSI                | PSH                 | SCM                | SUSCO                   | TOA              | VIH    |
| VATAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DTAC   | HANA                 | LHFG                  | NVD                | PSL                 | SDC                | SUTHA                   | TOP              | WACOAL |
| VAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BTW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DUSIT  | HARN                 | LIT                   | NWR                | PTG                 | SEAFCO             | SVI                     | TPBI             | WAVE   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
| OT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EA     | HMPRO                | LPN                   | NYT                | PTT                 | SEAOIL             | SYMC                    | TQM              | WHA    |
| )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CENTEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EASTW  | ICC                  | MACO                  | OISHI              | PTTEP               | SE-ED              | SYNTEC                  | TRC              | WHAUP  |
| RIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CFRESH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ECF    | ICHI                 | MAJOR                 | OR                 | PTTGC               | SELIC              | TACC                    | TRU              | WICE   |
| RROW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CHEWA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ECL    | III                  | MAKRO                 | ORI                | PYLON               | SENA               | TASCO                   | TRUE             | WINNER |
| SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CHO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EE     | ILINK                | MALEE                 | OSP                | Q-CON               | SHR                | TCAP                    | TSC              | ZEN    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  | ZEN    |
| JCT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CIMBT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EGCO   | ILM                  | MBK                   | ОТО                | QH                  | SIRI               | TEAMG                   | TSR              |        |
| WC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EPG    | INTUCH               | MC                    | PAP                | QTC                 | SIS                | TFMAMA                  | TSTE             |        |
| YUD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CKP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ETC    | IP                   | MCOT                  | PCSGH              | RATCH               | SITHAI             | TGH                     | TSTH             |        |
| AFS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FPI    | IRPC                 | METCO                 | PDG                | RS                  | SMK                | THANA                   | TTA              |        |
| ANPU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CNT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FPT    | ITEL                 | MFEC                  | PDJ                | S                   | SMPC               | THANI                   | TTB              |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | COM7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                      |                       | PG                 |                     |                    |                         |                  |        |
| AY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FSMART | IVL                  | MINT                  |                    | S&J                 | SNC                | THCOM                   | TTCL             |        |
| BL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | COMAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GBX    | JSP                  | MONO                  | PHOL               | SAAM                | SONIC              | THG                     | TTW              |        |
| CP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | COTTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GC     | JWD                  | MOONG                 | PLANB              | SABINA              | SPALI              | THIP                    | TU               |        |
| Typindursacienty strybindursacienty<br>strond CC Connection Subsacie CC Connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | positificación de la provincia de la constanta |        |                      |                       | e range 80-89      |                     |                    |                         |                  |        |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ASIMAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CHOW   | FLOYD                | IT                    | LOXLEY             | OCC                 | RPC                | SKY                     | TCC              | TVT    |
| JP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ASK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CI     | FN                   | ITD                   | LRH                | OGC                 | RT                 | SLP                     | TCMC             | TWP    |
| BICO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ASN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CIG    | FNS                  | J                     | LST                | PATO                | RWI                | SMIT                    | TEAM             | UEC    |
| BM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATP30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CMC    | FORTH                | JAS                   | M                  | PB                  | S11                | SMT                     | TFG              | UMI    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
| CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | В                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | COLOR  | FSS                  | JCK                   | MATCH              | PICO                | SA                 | SNP                     | TFI              | UOBKH  |
| CG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CPL    | FTE                  | JCKH                  | MBAX               | PIMO                | SAK                | SO                      | TIGER            | UP     |
| DB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CPW    | FVC                  | JMART                 | MEGA               | PJW                 | SALEE              | SORKON                  | TITLE            | UPF    |
| EONTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CRD    | GEL                  | JMT                   | META               | PL                  | SAMCO              | SPA                     | TKN              | UPOIC  |
| GE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CSC    | GENCO                | KBS                   | MFC                | PM                  | SANKO              | SPC                     | TKS              | UTP    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CSP    |                      |                       |                    |                     |                    | SPCG                    | TM               | VCOM   |
| HC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        | GJS                  | KCAR                  | MGT                | PMTA                | SAPPE              |                         |                  |        |
| T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BEYOND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CWT    | GYT                  | KEX                   | MICRO              | PPP                 | SAWAD              | SR                      | TMC              | VL     |
| LL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BFIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DCC    | HEMP                 | KGI                   | MILL               | PPPM                | SCI                | SRICHA                  | TMD              | VPO    |
| LLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BJC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DCON   | HPT                  | KIAT                  | MITSIB             | PRIME               | SCN                | SSC                     | TMI              | VRANDA |
| LUCON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BJCHI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DHOUSE | HTC                  | KISS                  | MK                 | PRIN                | SCP                | SSF                     | TMILL            | WGE    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
| MANAH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DOD    | HYDRO                | KOOL                  | MODERN             | PRINC               | SE                 | STANLY                  | TNL              | WIIK   |
| MARIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DOHOME | ICN                  | KTIS                  | MTI                | PSG                 | SFLEX              | STGT                    | TNP              | WP     |
| PCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BROOK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DV8    | IFS                  | KUMWEL                | NBC                | PSTC                | SFP                | STOWER                  | TOG              | XO     |
| PCS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CBG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EASON  | IMH                  | KUN                   | NCAP               | PT                  | SFT                | STPI                    | TPA              | XPG    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
| PURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EFORL  | IND                  | KWC                   | NCH                | QLT                 | SGF                | SUC                     | TPAC             | YUASA  |
| QUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ERW    | INET                 | KWM                   | NETBAY             | RBF                 | SIAM               | SWC                     | TPCS             |        |
| SAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CHARAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ESSO   | INSET                | L&E                   | NEX                | RCL                 | SINGER             | SYNEX                   | TPS              |        |
| SEFA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CHAYO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ESTAR  | INSURE               | LDC                   | NINE               | RICHY               | SKE                | TAE                     | TRITN            |        |
| SIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CHG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ETE    | IRC                  | LEO                   | NRF                | RML                 | SKN                | TAKUNI                  | TRT              |        |
| SIAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CHOTI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FE     | IRCP                 | LHK                   | NTV                | ROJNA               | SKR                | TBSP                    | TSE              |        |
| Windurankeyik yayWindurankeyi<br>wali CG Connedere Nudani CG Connede                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 Landing and the trial recording to the tri | GC     | OOD LEVEL -          | - Score range         | ≥ 70-79            |                     |                    |                         |                  |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BGT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CITY   | GIFT                 | JTS                   | MDX                | PK                  | SGP                | SUPER                   | TQR              | YGG    |
| l                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CMAN   | GLOCON               | JUBILE                | MJD                | PLE                 | SICT               | SVOA                    | TTI              | ZIGA   |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BIG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CMO    | GREEN                | KASET                 | MORE               | PPM                 | SIMAT              | TC                      | TYCN             | -      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BLAND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CMR    | GSC                  | KCM                   | MUD                | PRAKIT              | SISB               | TCCC                    | UKEM             |        |
| LPHAX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CPT    | GTB                  | KK                    | NC                 | PRAPAT              | SK                 | THMUI                   | UMS              |        |
| MC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BROCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CRANE  | HTECH                | KKC                   | NDR                | PRECHA              | SMART              | TNH                     | UNIQ             |        |
| PP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BSBM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CSR    | HUMAN                | KWI                   | NFC                | PTL                 | SOLAR              | TNR                     | UPA              |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BSM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D      | IHL                  | KYE                   | NNCL               | RJH                 | SPACK              | TOPP                    | UREKA            |        |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                      |                       |                    |                     |                    |                         |                  |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EKH    | IIG                  | LEE                   | NOVA               | RP                  | SPG                | TPCH                    | VIBHA            |        |
| RIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BTNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                      |                       |                    |                     |                    |                         |                  |        |
| RIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BYD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EMC    | INGRS                | LPH                   | NPK                | RPH                 | SQ                 | TPIPL                   | W                |        |
| RIN<br>S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BYD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EMC    |                      |                       |                    |                     |                    |                         |                  |        |
| Q<br>RIN<br>S<br>U<br>52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        | INGRS<br>INOX<br>JAK | LPH<br>MATI<br>M-CHAI | NPK<br>NUSA<br>PAF | RPH<br>RSP<br>SABUY | SQ<br>SSP<br>STARK | TPIPL<br>TPIPP<br>TPLAS | W<br>WIN<br>WORK |        |

#### Disclaimer:

The disclosure of the survey results of the Thai Institute of Directors Association ('IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey results may be changed after that date. FSS International Investment Advisory Company Limited does not confirm nor certify the accuracy of such survey results.

Sources: Thai Institute of Directors Association (IOD); FSSIA's compilation; data as of 26 October 2021

<sup>\*</sup> 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

## **Anti-corruption Progress Indicator**

| CERTIFIED |        |        |        |        |       |        |        |        |        |        |
|-----------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|
| 2S        | BCH    | CPALL  | GC     | К      | MFC   | PE     | QLT    | SNP    | THCOM  | TU     |
| 7UP       | BCP    | CPF    | GCAP   | KASET  | MFEC  | PG     | QTC    | SORKON | THIP   | TVD    |
| ADVANC    | BCPG   | CPI    | GEL    | KBANK  | MILL  | PHOL   | RATCH  | SPACK  | THRE   | TVI    |
| AF        | BE8    | CPN    | GFPT   | KBS    | MINT  | PK     | RML    | SPALI  | THREL  | TVO    |
| Al        | BEYOND | CSC    | GGC    | KCAR   | MONO  | PL     | RWI    | SPC    | TIDLOR | TWPC   |
| AIE       | BGC    | DCC    | GJS    | KCE    | MOONG | PLANB  | S&J    | SPI    | TIPCO  | U      |
| AIRA      | BGRIM  | DELTA  | GPI    | KGI    | MSC   | PLANET | SAAM   | SPRC   | TISCO  | UBE    |
| AKP       | BJCHI  | DEMCO  | GPSC   | KKP    | MST   | PLAT   | SABINA | SRICHA | TKS    | UBIS   |
| ALPHAX    | BKI    | DIMET  | GSTEEL | KSL    | MTC   | PM     | SAPPE  | SSF    | TKT    | UEC    |
| AMA       | BLA    | DRT    | GUNKUL | KTB    | MTI   | PPP    | SAT    | SSP    | TMD    | UKEM   |
| AMANAH    | BPP    | DTAC   | HANA   | KTC    | NBC   | PPPM   | SC     | SSSC   | TMILL  | UOBKH  |
| AMATA     | BROOK  | DUSIT  | HARN   | KWC    | NEP   | PPS    | SCB    | SST    | TMT    | UPF    |
| AMATAV    | BRR    | EA     | HEMP   | KWI    | NINE  | PR9    | SCC    | STA    | TNITY  | UV     |
| AP        | BSBM   | EASTW  | HENG   | L&E    | NKI   | PREB   | SCCC   | STOWER | TNL    | VGI    |
| APCS      | BTS    | ECL    | HMPRO  | LANNA  | NMG   | PRG    | SCG    | SUSCO  | TNP    | VIH    |
| AQUA      | BWG    | EGCO   | HTC    | LH     | NNCL  | PRINC  | SCN    | SVI    | TNR    | WACOAL |
| ARROW     | CEN    | EP     | ICC    | LHFG   | NOBLE | PRM    | SEAOIL | SYMC   | TOG    | WHA    |
| AS        | CENTEL | EPG    | ICHI   | LHK    | NOK   | PROS   | SE-ED  | SYNTEC | TOP    | WHAUP  |
| ASIAN     | CFRESH | ERW    | IFEC   | LPN    | NSI   | PSH    | SELIC  | TAE    | TOPP   | WICE   |
| ASK       | CGH    | ESTAR  | IFS    | LRH    | NWR   | PSL    | SENA   | TAKUNI | TPA    | WIIK   |
| ASP       | CHEWA  | ETE    | ILINK  | М      | OCC   | PSTC   | SGP    | TASCO  | TPP    | XO     |
| AWC       | CHOTI  | FE     | INET   | MAKRO  | OGC   | PT     | SINGER | TBSP   | TRU    | ZEN    |
| AYUD      | CHOW   | FNS    | INSURE | MALEE  | ORI   | PTG    | SIRI   | TCAP   | TRUE   |        |
| В         | CIG    | FPI    | INTUCH | MATCH  | PAP   | PTT    | SITHAI | TCMC   | TSC    |        |
| BAFS      | CIMBT  | FPT    | IRC    | MBAX   | PATO  | PTTEP  | SKR    | TFG    | TSTE   |        |
| BAM       | CM     | FSMART | IRPC   | MBK    | PB    | PTTGC  | SMIT   | TFI    | TSTH   |        |
| BANPU     | CMC    | FSS    | ITEL   | MC     | PCSGH | PYLON  | SMK    | TFMAMA | TTA    |        |
| BAY       | COM7   | FTE    | IVL    | MCOT   | PDG   | Q-CON  | SMPC   | TGH    | TTB    |        |
| BBL       | сотто  | GBX    | JKN    | META   | PDJ   | QH     | SNC    | THANI  | TTCL   |        |
| DECLARED  |        |        |        |        |       |        |        |        |        |        |
| AJ        | CHG    | DDD    | ETC    | JR     | MAJOR | NUSA   | RS     | SSS    | TQM    | YUASA  |
| ALT       | CPL    | DHOUSE | FLOYD  | JTS    | NCAP  | NYT    | SAK    | STECH  | TSI    | ZIGA   |
| APCO      | CPR    | DOHOME | GULF   | KEX    | NCL   | OR     | SCGP   | STGT   | VARO   |        |
| B52       | CPW    | ECF    | III    | KUMWEL | NOVA  | PIMO   | SCM    | TKN    | VCOM   |        |
| BEC       | CRC    | EKH    | INOX   | LDC    | NRF   | PLE    | SIS    | TMI    | VIBHA  |        |

#### **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 26 October 2021) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

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

### **GENERAL DISCLAIMER**

## ANALYST(S) CERTIFICATION

#### Yuvanart Suwanumphai 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 Company Limited (FSSIA). The information herein has been obtained from sources believed to be reliable and accurate; however FSS makes no representation as to the accuracy and completeness of such information. Information and opinions expressed herein are subject to change without notice. FSS has no intention to solicit investors to buy or sell any security in this report. In addition, FSS 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.

| Company                    | Ticker        | Price      | Rating | Valuation & Risks                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|---------------|------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Micro Leasing              | MICRO TB      | THB 4.98   | HOLD   | Downside risks to our GGM-derived TP include 1) an economic slowdown, especially for logistics activities and private investment; 2) deteriorating asset quality; and 3) higher-than-expected policy rate hikes. Upside risks include 1) efficient asset quality control; and 2) the faster ramping up of its new businesses, including new motorcycle hire purchase loans, truck title loans, and insurance brokerage |
| Aeon Thana Sinsap (Thailar | nd) AEONTS TB | THB 157.50 | HOLD   | Downside risks to our GGM-derived TP include 1) intense competition; 2) regulatory actions to curb industry growth; and 3) deteriorating asset quality. The upside risk is stronger-than-expected asset quality.                                                                                                                                                                                                       |
| Krungthai Card             | КТС ТВ        | THB 54.25  | HOLD   | Upside risks to our GGM-derived TP include: 1) stronger-than-expected cost of funds controlling; and 2) better-than-expected bad debt recovery. Downside risks are: 1) regulatory actions to curb industry growth; and 2) deteriorating asset quality.                                                                                                                                                                 |
| Muangthai Capital          | МТС ТВ        | THB 42.00  | BUY    | Downside risks to our GGM-based TP include 1) a further weakening of asset quality that could potentially hit both loan yield and credit cost; and 2) changes in financial regulations by the Bank of Thailand and the Office of Consumer Protection Board.                                                                                                                                                            |
| Srisawad Corp              | SAWAD TB      | THB 46.50  | BUY    | Downside risks to our GGM-based TP include 1) a further weakening of asset quality that could potentially hit both loan yield and credit cost; and 2) changes in financial regulations by the Bank of Thailand and the Office of Consumer Protection Board.                                                                                                                                                            |
| Saksiam Leasing            | SAK TB        | THB 6.75   | BUY    | Downside risks to our GGM-derived TP include 1) competition from existing and new players; 2) regulatory changes by the Bank of Thailand (BoT); and 3) a slower-than-expected reduction in its cost of funds due to a shift toward more long-term loans.                                                                                                                                                               |
| Ngern Tid Lor              | TIDLOR TB     | THB 26.75  | BUY    | Downside risks to our GGM-based TP include 1) the expansion into auto-title loans by the Government Savings Bank and Auto X (subsidiary of SCB); 2) further weakening asset quality could potentially hit both loan yield and credit cost; and 3) tighter supervision from related regulators.                                                                                                                         |
| Singer Thailand            | SINGER TB     | THB 36.25  | BUY    | Downside risks to our GGM-derived TP include 1) an economic slowdown leading to slower loan growth and lower sales of electrical products and home appliances; and 2) deteriorating asset quality.                                                                                                                                                                                                                     |
| Ratchthani Leasing         | THANI TB      | THB 3.88   | BUY    | Downside risks to our GGM-derived TP include 1) an economic slowdown, especially for logistics activities and private investment; 2) deteriorating asset quality; and 3) changes in financial regulations from the Bank of Thailand.                                                                                                                                                                                   |
| Thanachart Capital         | ТСАР ТВ       | THB 37.50  | HOLD   | Upside risks to our GGM-based target price are the faster-than-expected net profit contribution from Thanachart Plus. Downside risks are impacts from a prolonged weak macro outlook on loan growth and asset quality which could lead to higher provisions for both TTB and THANI.                                                                                                                                    |
| Next Capital               | NCAP TB       | THB 4.38   | HOLD   | Downside risks to our GGM-derived TP include 1) an economic slowdown; 2) deteriorating asset quality; and 3) tighter competition from new players. Upside risks to our TP include 1) strong demand for motorcycles; and 2) a higher rate cap than our base-case assumption of 28% p.a.                                                                                                                                 |

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 12-Jul-2022 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.

**FINANSIA**