EQUITIES RESEARCH



Thailand Retailing

Inflation coming to shore up SSSG

- Positive correlation between headline CPI and SSSG; possibility for a wage hike to raise purchasing power and contribute to positive SSSG and solid NP growth.
- The current oil price and utility costs should reduce retailers' NPs by less than 1%.
- Reiterate our Overweight call on Thai retailing on the strong earnings recovery expected in 2022 and a windfall benefit from the high inflation environment.

Net positive impact on retailers amid high inflation environment

Thailand's inflation (headline CPI) hit a record high at 5.3% in Feb-22, the highest level over the past ten years. The high inflation environment should have both positive and negative impacts on retailers. On the positive side, the retail price of consumer products should increase as suppliers pass through their higher raw material costs to the customers. Hence, this would positively impact both retailers' SSSG and gross profits, as the retailers would get a fixed percentage of the profit sharing. On the negative side, retailers would be exposed to higher transportation costs and utility costs due to the higher fuel price, but we see a limited impact as fuel costs typically account for c1-2% of total SG&A expenses for retailers. Overall, we believe the high inflation environment will have a net positive impact which could boost retailers' SSSG.

Positive correlation between CPI and SSSG; limited impact from high fuel price

We see a positive correlation between the headline CPI and SSSG. We believe this can be attributed to suppliers increasing retail prices to reflect the higher manufacturing costs. Retailers should see a limited impact from the higher oil price. The diesel price rose by only 5.3% YTD to THB29.9/litre thanks to the government's price cap policy for diesel at THB30/litre since Nov-21. We have followed up with CPALL and reaffirmed our view. CPALL guided that the current oil price would reduce its net profit (NP) by 0.02%. For the utility cost, the ERC announced a higher fuel tariff (Ft) to THB0.014/unit in Jan-Apr 2022 from THB-0.153 in 4Q21. This implies that the electricity cost would increase by 4-8% depending on the base rate. Hence, the impact on retailers' NPs would be less than 1%.

Possibility for a wage hike: positive for retailers

According to the Bangkok Post newspaper on 26 January 2022, the government plans to increase the daily minimum wage from THB336 per day to THB492 per day (+46%). This raises a concern for retailers which would be exposed to higher personnel expenses, which normally account for 3-10% of total sales. However, the wage hike should increase purchasing power and contribute to positive SSSG and solid NP growth.

Top picks: CPALL and BJC

We reiterate our OVERWEIGHT call on Thai retailing for the strong earnings recovery expected in 2022 and the potential windfall benefit from the high inflation environment. Amid the high inflation and global uncertainty, we like staple retailers over discretionary retailers for their more resilient earnings. Our top picks are CPALL and BJC. We like CPALL as it should be a prime beneficiary of the domestic recovery and the resumption of international tourism. We like BJC as a laggard play and a beneficiary of the high inflation environment. Big C's SSSG should turn positive at 8% in 2022 after suffering negative SSSG since 2019.

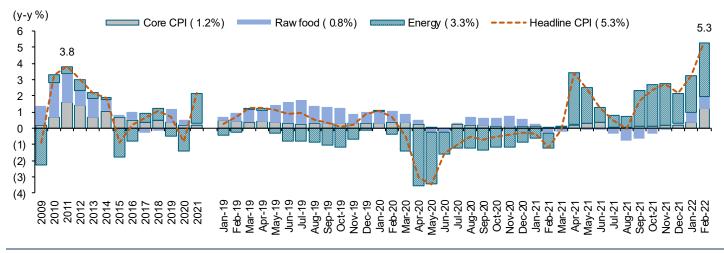


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High inflation: net positive impact on retailers

Thailand's inflation (headline CPI) hit a record high at 5.3% in Feb-22, the highest level over the past ten years. The high inflation environment should have both positive and negative impacts on retailers. On the positive side, the retail price of consumer products should increase as the suppliers pass through their higher raw material costs to the customers. Hence, this would positively impact both retailer's SSSG and gross profits, as the retailers would get a fixed percentage of the profit sharing. On the negative side, retailers would be exposed to higher transportation costs and utility costs due to the higher fuel price, but we see a limited impact as fuel costs typically account for c1-2% of total SG&A expenses for retailers. Overall, we believe the high inflation environment will have a net positive impact which could boost retailers' SSSG.





Sources: Office of the National Economic and Social Development Council (NESDC), Ministry of Commerce

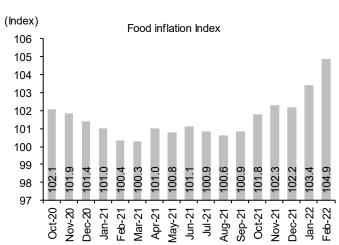
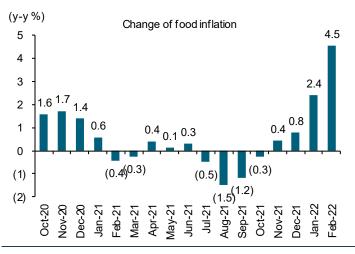


Exhibit 2: Thailand's food inflation

Source: Ministry of Commerce

Exhibit 3: Thailand's food inflation growth

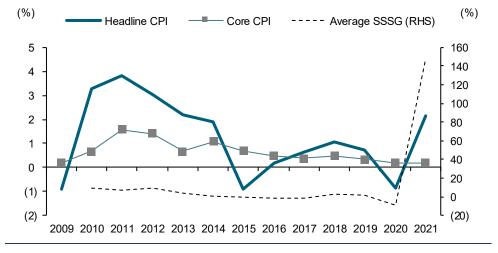


Source: Ministry of Commerce

Higher retail prices to boost SSSG and gross profit

We see a positive correlation between the headline CPI and SSSG as shown in Exhibit 4. We believe this can be attributed to suppliers increasing retail prices to reflect the higher manufacturing costs. This should provide a windfall benefit to retailers in terms of both SSSG and gross profits, as higher retail prices would lead to positive SSSG, while retailers would get a fixed percentage of profit sharing which would result in a higher gross profit amount.





Sources: Company data; Ministry of Commerce

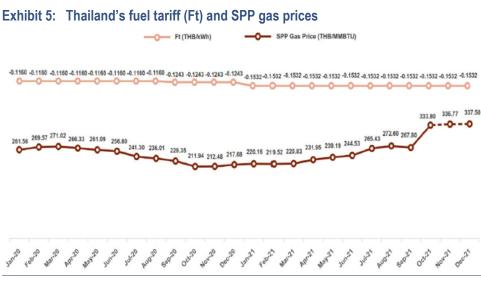


Limited impact from higher oil price and utility costs

Retailers should see a limited impact from the higher oil price. In general, retailers have a direct impact from the oil price from transportation costs which typically account for 1-2% of total expenses, and an indirect impact from utility expenses which are normally around 5-15% of SG&A expenses.

Despite the global oil price surging by 73% YTD to almost USD130 per barrel currently (from USD75 per barrel at end-2021), Thailand's retail oil price has increased by only 5.3% YTD to THB29.9/litre from THB28.4/litre at end-2021 thanks to the government's price cap policy for diesel at THB30/litre since Nov-21. Diesel is the key fuel for the transportation and industrial sectors in Thailand.

We have followed up with CPALL and reaffirmed our view that the rising oil price would have a limited impact. CPALL guided that the current oil price would reduce its net profit (NP) by 0.02%.



Sources: BGRIM; ERC

The utility expenses normally account for around 5-15% of SG&A expenses. The power tariff comprises a base tariff and the Ft rate. The Energy Regulatory Commission (ERC) announced an increase in the Ft rate to THB0.014/unit in Jan-Apr 2022 from THB-0.153 in 4Q21. This implies that the electricity cost would increase by 4-8% depending on the base rate. Hence, the impact on retailers' NPs would be less than 1%.

Only BJC would be exposed to natural gas costs from its packaging business (c13% of total sales in 2021). Natural gas is the main cost of its glass packaging (c7% of total sales) which accounts for c30% of its COGS.

Exhibit 6: Diesel price trend

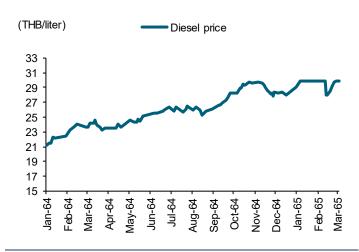
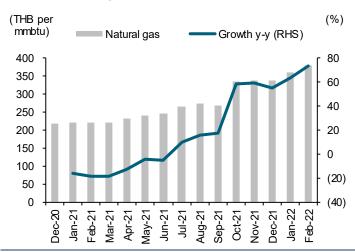


Exhibit 7: Natural gas price trend



Source: BGRIM



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Possibility for a wage hike: positive for retailers

According to the <u>Bangkok Post newspaper on 26 January 2022</u>, the Ministry of Labour is expected to approve an increase in Thailand's daily minimum wage from THB336 per day to THB492 per day nationwide (+46%). This raises a concern for retailers which would be exposed to higher personnel expenses, which normally account for 3-10% of total sales. However, the wage hike should increase purchasing power and contribute to positive SSSG which should completely offset the higher personnel expenses.

Exhibit 8: SSSG trend

| SSSG | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) |
| CPALL | 10 | 5 | 13 | 6 | (3) | 1 | 2 | 2 | 3 | 2 | (15) | (7) |
| MAKRO | 6 | 8 | 9 | 8 | 4 | (1) | 4 | 1 | (0) | 6 | 2 | 3 |
| HMPRO | 15 | 6 | 7 | 4 | 5 | (1) | 1 | (1) | 1 | 1 | (9) | 3 |
| GLOBAL | 13 | 15 | 10 | 2 | (4) | (1) | 0 | (5) | 10 | 3 | (8) | 19 |
| BJC | 3 | 0 | 5 | 0 | (1) | (3) | (13) | (6) | (1) | (2) | (15) | (11) |
| Average SSSG | 9 | 7 | 9 | 4 | 0 | (1) | (1) | (2) | 3 | 2 | (9) | 1 |

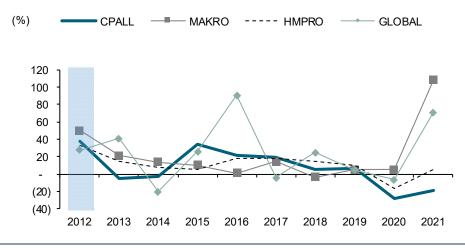
Sources: Companies; FSSIA's compilation

Exhibit 9: Minimum wage hike in past ten years

| Period | Wage hike | % change |
|--------|-----------------------|----------|
| Apr-12 | From THB222 to THB300 | 35% |
| Jan-17 | From THB300 to THB310 | 3% |
| Apr-18 | From THB310 to THB330 | 6% |

Sources: Ministry of Labour; FSSIA's compilation

Exhibit 10: Solid earnings growth in 2012



Sources: Company data; FSSIA's compilation

We can see a clear positive impact on retailers' bottom lines from the minimum wage increase in 2012 from THB222/day to THB300/day (+35%), as shown in Exhibit 10. We have run a sensitivity analysis for a wage hike impact on retailers' NPs as shown in Exhibits 11 and 12.

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Exhibit 11: Case 1 – assume only minimum wage increase

| | Personnel expenses | Pay at minimum | Impact on NP | | | | | |
|--------|--------------------|----------------|---------------|---------------|---------------|--|--|--|
| | to total sales | wage (THB330) | 10% at THB363 | 30% at THB430 | 50% at THB495 | | | |
| | (%) | (%) | (%) | (%) | (%) | | | |
| CPALL | 6-7 | <5 | 0.0 | 0.1 | 0.2 | | | |
| MAKRO | 3-4 | <5 | 0.0 | 0.1 | 0.1 | | | |
| HMPRO | 7-8 | <10 | 0.1 | 0.2 | 0.4 | | | |
| GLOBAL | 4-5 | <30 | 0.2 | 0.5 | 0.8 | | | |
| CRC | 9-10 | <5 | 0.1 | 0.2 | 0.3 | | | |
| BJC | 5-6 | <10 | 0.1 | 0.2 | 0.3 | | | |

Source: FSSIA estimates

Exhibit 12: Case 2 – assume 50% of personnel expense increase to be in line with minimum wage increase

| | Personnel expenses | Pay at minimum | Impact on NP | | | | | |
|--------|--------------------|----------------|---------------|---------------|---------------|--|--|--|
| | to total sales | wage (THB330) | 10% at THB363 | 30% at THB430 | 50% at THB495 | | | |
| | (%) | (%) | (%) | (%) | (%) | | | |
| CPALL | 6-7 | 50 | 0.4 | 1.1 | 1.8 | | | |
| MAKRO | 3-4 | 50 | 0.2 | 0.6 | 1.0 | | | |
| HMPRO | 7-8 | 50 | 0.4 | 1.2 | 2.0 | | | |
| GLOBAL | 4-5 | 50 | 0.3 | 0.8 | 1.3 | | | |
| CRC | 9-10 | 50 | 0.5 | 1.5 | 2.5 | | | |
| BJC | 5-6 | 50 | 0.3 | 0.9 | 1.5 | | | |

Source: FSSIA estimates

Top picks are CPALL and BJC

We reiterate our Overweight call on Thai retailing for the strong earnings recovery expected in 2022 and the potential windfall benefit from the high inflation environment. Amid the high inflation and global uncertainty, we like staple retailers over discretionary retailers for their more resilient earnings amid the concern of a longer period of high inflation which could lower purchasing power. Our top picks are CPALL and BJC. We like CPALL as it should be a prime beneficiary of the domestic recovery and the resumption of international tourism. CPALL is trading at 34.5x 2022E P/E, or at its 5-year average, but could potentially drop to 26.5x when its earnings recover to their pre-Covid level. We like BJC as a laggard play and a beneficiary of the high inflation environment. Big C's SSSG should turn positive at 8% in 2022 after suffering negative SSSG since 2019. BJC is trading at 27.1x 2022E P/E, or close to -1.0SD of its 5-year average of 32x. MAKRO is a wildcard play due to the recovery of Lotus' earnings. A near-term catalyst would be the strong recovery of Lotus' NP in 1Q22 at above THB1.0b.

Exhibit 13: 2021 share price performance of retailers

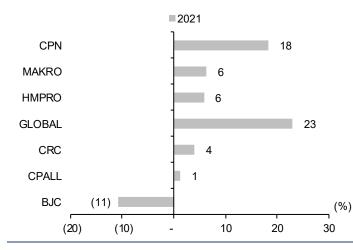
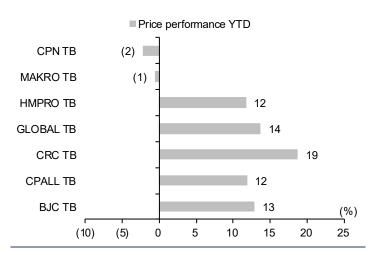


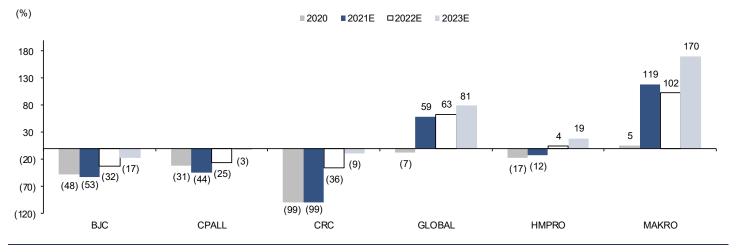
Exhibit 14: YTD share price performance of retailers



Sources: Bloomberg; FSSIA estimates

Sources: Bloomberg; FSSIA estimates

Exhibit 15: % of earnings in 2022-23E compared to pre-Covid level in 2019



Sources: Company data; FSSIA estimates

Exhibit 16: Valuation comparison

| | CPALL | MAKRO | BJC | CRC | HMPRO | GLOBAL |
|-------------------------|--------|--------|-------|---------|--------|--------|
| Current price (THB) | 66.0 | 41.8 | 35.0 | 38.0 | 16.2 | 21.8 |
| TP (THB) | 82.0 | 52.0 | 40.0 | 43.0 | 18.3 | 27.5 |
| Upside (%) | 24 | 25 | 14 | 13 | 13 | 26 |
| No. of share (m shares) | 8,983 | 11,172 | 4,008 | 6,031 | 13,151 | 4,602 |
| 2021 NP (THB m) | 12,985 | 13,687 | 3,585 | 59 | 5,441 | 3,344 |
| 2022E NP (THB m) | 17,188 | 12,640 | 5,176 | 4,729 | 6,424 | 3,439 |
| 2023E NP (THB m) | 22,365 | 16,884 | 6,315 | 6,720 | 7,350 | 3,801 |
| 2021 EPS (THB/share) | 1.45 | 1.23 | 0.89 | 0.01 | 0.41 | 0.73 |
| 2022E EPS (THB/share) | 1.91 | 1.13 | 1.29 | 0.78 | 0.49 | 0.75 |
| 2023E EPS (THB/share) | 2.49 | 1.51 | 1.58 | 1.11 | 0.56 | 0.83 |
| 2021 P/E (x) | 45.7 | 34.1 | 39.1 | 3,884.4 | 39.2 | 30.0 |
| 2022E P/E (x) | 34.5 | 36.9 | 27.1 | 48.5 | 33.2 | 29.2 |
| 2023E P/E (x) | 26.5 | 27.6 | 22.2 | 34.1 | 29.0 | 26.4 |
| 5-Year Average (x) | 35.2 | 29.3 | 32.0 | 40.0 | 34.5 | 37.2 |
| 2022E EPS growth (%) | 32.4 | (7.7) | 44.4 | 7,915 | 18.1 | 2.8 |
| 2023E EPS growth (%) | 30.1 | 33.6 | 22.0 | 42.1 | 14.4 | 10.5 |

Sources: Company Data; FSSIA estimates



Corporate Governance report of Thai listed companies 2020

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

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

| GOOD LE | VEL | | | | | | | | | | |
|-----------|------|-------------|--------|-------|-------------|-------|-------|--------|--------|-------|--|
| 7UP | А | ABICO | AJ | ALL | ALUCON | AMC | APP | ARIN | AS | AU | |
| B52 | BC | BCH | BEAUTY | BGT | BH | BIG | BKD | BLAND | BM | BR | |
| BROCK | BSBM | BSM | BTNC | CAZ | CCP | CGD | CITY | CMAN | CMO | CMR | |
| CPT | CPW | CRANE | CSR | D | EKH | EP | ESSO | FMT | GIFT | GREEN | |
| GSC | GTB | HTECH | HUMAN | IHL | INOX | INSET | IP | JTS | JUBILE | KASET | |
| KCM | KKC | KUMWEL | KUN | KWG | KYE | LEE | MATCH | MATI | M-CHAI | MCS | |
| MDX | MJD | MM | MORE | NC | NDR | NER | NFC | NNCL | NPK | NUSA | |
| OCEAN | PAF | PF | PK | PLE | PMTA | POST | PPM | PRAKIT | PRECHA | PRIME | |
| PROUD | PTL | RBF | RCI | RJH | ROJNA | RP | RPH | RSP | SF | SFLEX | |
| SGP | SISB | SKN | SLP | SMART | SOLAR | SPG | SQ | SSP | STARK | STC | |
| SUPER | SVOA | TC | TCCC | THMUI | TIW | TNH | TOPP | TPCH | TPIPP | TPLAS | |
| TTI | TYCN | UKEM | UMS | VCOM | VRANDA | WIN | WORK | WPH | | | |
| | | Description | | | Score Range | | | | | | |
| Excellent | | | | | 90-100 | | | | | | |
| | | Very Good | | | 80-89 | | | | | | |
| | | Good | | | 70-79 | | | | | | |

Disclaimer:

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

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and corruption SEC imposed a civil sanction against insider trading of director and executive; ** delisted

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

Anti-corruption Progress Indicator 2020

| CERTIFIED | | | | | | | | | | |
|-----------|---------------|------------------|--------------------|------------------|--------------------|-------------------|---------------|----------------|-----------------|--------------|
| 2S | ADVANC | AI | AIE | AIRA | AKP | AMA | AMANAH | AP | AQUA | ARROW |
| ASK | ASP | AYUD | В | BAFS | BANPU | BAY | BBL | BCH | BCP | BCPG |
| BGC | BGRIM | BJCHI | BKI | BLA | BPP | BROOK | BRR | BSBM | BTS | BWG |
| CEN | CENTEL | CFRESH | CGH | CHEWA | CHOTI | CHOW | CIG | CIMBT | CM | CMC |
| COL | COM7 | CPALL | CPF | CPI | CPN | CSC | DCC | DELTA | DEMCO | DIMET |
| DRT | DTAC | DTC | EASTW | ECL | EGCO | FE | FNS | FPI | FPT | FSS |
| FTE | GBX | GC | GCAP | GEL | GFPT | GGC | GJS | GPSC | GSTEEL | GUNKUL |
| HANA | HARN | HMPRO | HTC | ICC | ICHI | IFS | INET | INSURE | INTUCH | IRPC |
| ITEL | IVL | К | KASET | KBANK | KBS | KCAR | KCE | KGI | KKP | KSL |
| KTB | ктс | KWC | L&E | LANNA | LHFG | LHK | LPN | LRH | Μ | MAKRO |
| MALEE | MBAX | MBK | MBKET | MC | MCOT | MFC | MFEC | MINT | MONO | MOONG |
| MPG | MSC | MTC | MTI | NBC | NEP | NINE | NKI | NMG | NNCL | NSI |
| NWR | 000 | OCEAN | OGC | ORI | PAP | PATO | PB | PCSGH | PDG | PDI |
| PDJ | PE | PG | PHOL | PL | PLANB | PLANET | PLAT | PM | PPP | PPPM |
| PPS | PREB | PRG | PRINC | PRM | PSH | PSL | PSTC | PT | PTG | PTT |
| PTTEP | PTTGC | PYLON | Q-CON | QH | QLT | QTC | RATCH | RML | RWI | S & J |
| SABINA | SAT | SC | SCB | SCC | SCCC | SCG | SCN | SEAOIL | SE-ED | SELIC |
| SENA | SGP | SIRI | SITHAI | SMIT | SMK | SMPC | SNC | SNP | SORKON | SPACK |
| SPC | SPI | SPRC | SRICHA | SSF | SSSC | SST | STA | SUSCO | SVI | SYNTEC |
| TAE | TAKUNI | TASCO | TBSP | TCAP | TCMC | TFG | TFI | TFMAMA | THANI | THCOM |
| THIP | THRE | THREL | TIP | TIPCO | TISCO | TKT | TTB | TMD | TMILL | TMT |
| TNITY | TNL | TNP | TNR | TOG | TOP | TPA | TPCORP | TPP | TRU | TSC |
| TSTH | TTCL | TU | TVD | TVI | TVO | TWPC | U | UBIS | UEC | UKEM |
| UOBKH | UWC | VGI | VIH | VNT | WACOAL | WHA | WHAUP | WICE | WIIK | хо |
| ZEN | TRUE | | | | | | | | | |
| DECLARED | | | | | | | | | | |
| 7UP | ABICO | AF | ALT | AMARIN | AMATA | AMATAV | ANAN | APURE | B52 | BKD |
| BM | BROCK | BUI | СНО | CI | COTTO | DDD | EA | EFORL | EP | ERW |
| ESTAR | ETE | EVER | FSMART | GPI | ILINK | IRC | J | JKN | JMART | JMT |
| JSP | JTS | KWG | LDC | MAJOR | META | NCL | NOBLE | NOK | PK | PLE |
| ROJNA | SAAM | SAPPE | SCI | SE | SHANG | SINGER | SKR | SPALI | SSP | STANLY |
| SUPER | SYNEX | THAI | TKS | TOPP | TRITN | TTA | UPF | UV | WIN | ZIGA |
| | | | | | | | | | | |
| Level | | | | | | | | | | |
| Certified | This level in | dicates practica | I participation wi | th thoroughly ex | kamination in rela | ation to the reco | mmended proce | dures from the | audit committee | or the SEC's |

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

Declared This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

Disclaimer:

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

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

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

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ANALYST(S) CERTIFICATION

Karun Intrachai FSS International Investment Advisory Securities Co., Ltd

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| Company | Ticker | Price | Rating | Valuation & Risks |
|---------------------|-----------|-----------|--------|---|
| CP All | CPALL TB | THB 66.00 | BUY | The key downside risks to our DCF-derived TP are: 1) the higher-than-expected impact from a loss of service income from the convenience store business; 2) the worse-than-expected overseas performance of Makro; and 3) the slow recovery of tourist numbers. |
| Siam Makro | MAKRO TB | THB 41.75 | BUY | The key downside risks to our DCF-based TP include: 1) lower-than-expected SSSG; 2) a lower-than-expected GPM improvement; and 3) operational losses from its overseas business. |
| Berli Jucker | BJC TB | THB 35.00 | BUY | Key downside risks to our DCF-based TP could come from 1) competition with Lotus which could impact its sales and gross margin; and 2) a lower-than-expected utilisation rate and profit margin from its packaging unit after losing major customers in Thailand. |
| Central Retail Corp | CRC TB | THB 38.00 | BUY | The key downside risks to our DCF-based TP include 1) new waves of Covid-19; and 2) lower-than-expected sales from the high-margin fashion business. |
| Home Product Center | HMPRO TB | THB 16.20 | BUY | The key downside risks to our DCF-based TP include: 1) lower-than-expected SSSG; 2) the slow recovery of tourist numbers; and 3) operating losses from its overseas business. |
| Siam Global House | GLOBAL TB | THB 21.80 | BUY | The key downside risks to our DCF-based TP are volatile farm incomes and farm prices which could negatively impact purchasing power, especially in the provinces. |

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

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All share prices are as at market close on 09-Mar-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.

