

# ADD (no change)

| Current price:          | A\$0.24    |
|-------------------------|------------|
| Target price:           | A\$0.41    |
| Previous target:        | A\$0.29    |
| Up/downside:            | 73.1%      |
| Reuters:                | ICQ.AX     |
| Bloomberg:              | ICQ AU     |
| Market cap:             | US\$66.54m |
|                         | A\$89.91m  |
| Average daily turnover: | US\$0.07m  |
|                         | A\$0.09m   |
| Current shares o/s      | 322.2m     |
| Free float:             | 47.6%      |
|                         |            |



| Price performance | 1M  | ЗМ   | 12M   |
|-------------------|-----|------|-------|
| Absolute (%)      | 6.8 | -2.1 | -9.6  |
| Relative (%)      | 3.3 | -9.9 | -20.1 |

### **Ivor RIES**

**T** (61) 3 9947 4182

E ivor.ries@morgans.com.au

Analyst(s) own shares in the following stock(s) mentioned in this report:

- N/A

# Icar Asia

# Strong second quarter

- iCar Asia's cash collections in the June quarter were better than expected, driven by strong growth in the underlying classifieds business.
- Strong growth in audience engagement and dealer lead volumes allowed the company to implement a substantial (33%) weighted average price rise.
- The company launched a number of new transaction-based services which have the potential to substantially increase revenue per vehicle listed.
- Our price target, set by the DCF valuation, increased to A\$0.41 per share, up from A\$0.29 per share.
- We maintain an ADD recommendation (High Risk).

## Price rises will drive H2 growth

Rising advertising volumes, an increase in advertising rates in May and early contributions from transaction services drove iCar Asia to report better-than-expected cash collections of \$3.2m in the June quarter, 22% up on pcp. The performance was better than expected despite an estimated A\$0.5m in revenue lost due to the Malaysian general election and the earlier occurrence of Ramadan, which occurred in June this year (July last year). The company increased prices, with individual product price rises ranging from 10% to 100%, and a weighted average price increase of around 33%. The full impact of the price rise will only be evident in the September quarter.

## Changes to forecasts and valuation

We have revised our forecasts to reflect 1) Changes in foreign exchange rates since our last report; 2) The price rises implemented in May; 3) Operating expense trends in the last two quarters; 4) The increase in issued shares and options following the recent capital raising. Our target price is set by our DCF valuation. Due to a number of changes our DCF valuation has increased to A\$0.41 per share from A\$0.29 per share.

# Risks and catalysts

Risks to ICQ include: 1) political or economic disturbances in Malaysia or Thailand that dampen car buyer sentiment; 2) Weakness in growth rates for advertising depth products in all markets; 3) Failure of new business lines – such as new car leads products – to gain popularity with dealers; and 4) irrational competitor behavior. Potential re-rating catalysts include: 1) a faster rebound in new and used car markets than we have assumed; 2) faster take-up of the new dealer products and a step-change in depth ad usage; and 3) Large revenue gains from car marketing events.

### Investment view

iCar Asia offers investors exposure to the growth of online automobile advertising in South East Asia, a market that we expect will become substantial over time. We maintain an ADD recommendation. The company has not yet reached cash-flow self-sustainability and therefore iCar Asia shares are high risk and should be avoided by investors with a low risk tolerance.

| Financial Summary                    | Dec-17A | Dec-18F | Dec-19F | Dec-20F | Dec-21F |
|--------------------------------------|---------|---------|---------|---------|---------|
| Revenue (A\$m)                       | 9.20    | 15.48   | 22.93   | 29.83   | 38.57   |
| Operating EBITDA (A\$m)              | -13.33  | -8.29   | -2.07   | 3.85    | 11.31   |
| Net Profit (A\$m)                    | -14.73  | -10.06  | -3.68   | 2.55    | 10.39   |
| Normalised EPS (A\$)                 | (0.042) | (0.023) | (0.008) | 0.006   | 0.024   |
| Normalised EPS Growth                | (10%)   | (45%)   | (63%)   |         | 307%    |
| FD Normalised P/E (x)                | NA      | NA      | NA      | 40.34   | 9.91    |
| DPS (A\$)                            | -       | -       | -       | -       | -       |
| Dividend Yield                       | 0%      | 0%      | 0%      | 0%      | 0%      |
| EV/EBITDA (x)                        | NA      | NA      | NA      | 20.08   | 5.67    |
| P/FCFE (x)                           | NA      | NA      | NA      | 26.90   | 9.12    |
| Net Gearing                          | (46.3%) | (38.2%) | (49.4%) | (52.6%) | (61.7%) |
| P/BV (x)                             | 1.94    | 2.84    | 2.26    | 2.06    | 1.61    |
| ROE                                  | (30.6%) | (24.3%) | (9.0%)  | 5.3%    | 18.3%   |
| % Change In Normalised EPS Estimates |         | 21%     | 50%     | 267%    | 107%    |
| Normalised EPS/consensus EPS (x)     |         | 0.76    | 0.42    | -1.93   | 2.36    |

SOURCE: MORGANS, COMPANY REPORTS



| Figure 1: Financial su           | ımmarv | ,     |            |           |       |       |                                |             |             |             |             |             |             |
|----------------------------------|--------|-------|------------|-----------|-------|-------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                  | ICQ    |       | Share Pri  | ce        | A\$   | 23.5  | Normalised P&L                 | 2015        | 2016        | 2017        | 2018F       | 2019F       | 2020F       |
| Issued shares (m)                | 440    |       | Recomme    |           |       | ADD   | Divisional Revenues (A\$m)     |             |             |             |             |             |             |
| Market Capital (A\$m)            | 103.5  |       | Valuation: |           |       | 0.41  | Malaysia                       | 3.6         | 3.5         | 4.6         | 8.0         | 10.0        | 12.5        |
|                                  |        |       | Price Targ | get:      |       | 0.41  | Thailand                       | 2.5         | 2.7         | 3.9         | 5.7         | 8.0         | 10.4        |
|                                  |        |       | TSR:       |           |       | 73%   | Indonesia                      | 0.2         | 0.4         | 0.7         | 1.8         | 5.0         | 6.9         |
|                                  |        |       |            |           |       |       | Other                          | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
|                                  |        |       |            |           |       |       | Total Revenues                 | 6.3         | 6.7         | 9.2         | 15.5        | 22.9        | 29.8        |
| Key Financials                   | 2015   | 2016  | 2017       | 2018F     | 2019F | 2020F | Divisional Ebitda (A\$m)       |             |             |             |             |             |             |
| Reported NPAT                    | -12.5  | -15.0 | -14.7      | -10.1     | -3.7  | 2.6   | Malaysia                       | -1.5        | -2.1        | -1.3        | 0.8         | 2.5         | 4.8         |
| Normalised NPAT                  | -12.5  | -15.0 | -14.7      | -10.1     | -3.7  | 2.6   | Thailand                       | -0.9        | -1.7        | -1.6        | 0.2         | 2.2         | 4.3         |
| EPS - normalised                 | -4.4   | -4.7  | -4.2       | -2.5      | -0.8  | 0.6   | Indonesia                      | -3.3        | -3.8        | -4.1        | -2.8        | -0.2        | 1.5         |
| EPS Growth                       | -      | -6%   | 10%        | 41%       | 66%   | 169%  | Other                          | -5.7        | -6.2        | -6.3        | -6.5        | -6.5        | -6.8        |
| EPS - diluted                    | -4.4   | -4.7  | -4.2       | -2.5      | -0.8  | 0.6   |                                |             |             |             |             |             |             |
| Dividend per share               | -      | -     | -          | -         | -     | -     | Total Ebitda                   | -11.5       | -13.8       | -13.3       | -8.3        | -2.1        | 3.8         |
| Payout Ratio                     | -      | -     | -          | -         | -     | -     |                                |             |             |             |             |             |             |
| Franking                         | -      | -     | -          | -         | -     | -     | Deprec. & Amort.               | -1.4        | -1.3        | -1.5        | -1.5        | -1.5        | -1.5        |
|                                  |        |       |            |           |       |       | Other/impairment               |             |             |             |             |             |             |
|                                  |        |       |            |           |       |       | EBIT                           | -12.8       | -15.1       | -14.8       | -9.8        | -3.6        | 2.3         |
|                                  |        |       |            |           |       |       | Finance Costs - net            | 0.3         | 0.4         | 0.1         | 0.1         | 0.3         | 0.6         |
|                                  |        |       |            |           |       |       | PBT - normalised               | -12.5       | -14.8       | -14.7       | -9.7        | -3.3        | 3.0         |
|                                  |        |       |            |           |       |       | Tax - normalised               | 0.0         | -0.2        | 0.0         | -0.4        | -0.4        | -0.4        |
|                                  |        |       |            |           |       |       | NPAT - normalised              | -12.5       | -15.0       | -14.7       | -10.1       | -3.7        | 2.6         |
| Pricing Multiples                | 2015   | 2016  | 2017       | 2018F     | 2019F | 2020F | Non-recurring items (net)      | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Normalised PER                   | -      | -     | -          | -         | -28   | 40    | Reported NPAT                  | -12.5       | -15.0       | -14.7       | -10.1       | -3.7        | 2.6         |
| Diluted PER                      | -      | -     | -<br>16 F  | -<br>15 2 | -28   | 40    |                                |             |             |             |             |             |             |
| Market PER                       | -      | -     | 16.5       | 15.3      | 14.3  | 13.3  |                                |             |             |             |             |             |             |
| PER Relative<br>EV/Ebitda        | 1.4    | 2.5   | _          | 4.4       | 4.4   | 04    | Polones Chest                  | 2045        | 2046        | 2047        | 20105       | 20105       | 20205       |
|                                  | -4.1   | -3.5  | -5         | -11       | -44   | 21    | Balance Sheet                  | 2015        | 2016        | 2017        | 2018F       | 2019F       | 2020F       |
| EV/EBIT                          | -4.4   | -3.2  | -5         | -9        | -26   | 35    | Cash                           | 18.5        | 27.1        | 21.5        | 11.6        | 20.3        | 24.1        |
| Price/Book                       | -      | -     | -          | -         | -     | -     | Other ST Assets<br>PPE         | 2.3         | 2.3         | 2.5         | 3.3         | 4.0         | 4.8         |
| Yield                            | -      | -     | -          | -         | -     | -     |                                | 0.5         | 0.6         | 0.7         | 0.1         | 0.2<br>24.5 | 0.2<br>24.5 |
|                                  |        |       |            |           |       |       | Intangibles<br>Other LT Assets | 23.8<br>0.0 | 24.6<br>0.0 | 26.1<br>0.0 | 24.5<br>0.0 | 0.0         | 0.0         |
|                                  |        |       |            |           |       |       | Total Assets                   | 45.1        | 54.7        | 50.8        | 39.6        | 49.0        | 53.6        |
|                                  |        |       |            |           |       |       | Borrowings                     | 0.5         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
|                                  |        |       |            |           |       |       | Other Liabilities              | 3.3         | 4.9         | 4.4         | 5.5         | 5.6         | 5.8         |
|                                  |        |       |            |           |       |       | Total Liabilities              | 3.8         | 4.9         | 4.4         | 5.5         | 5.6         | 5.8         |
|                                  |        |       |            |           |       |       | Net Assets                     | 41.3        | 49.8        | 46.4        | 34.1        | 43.4        | 47.8        |
|                                  |        |       |            |           |       |       | Minorities                     | -           |             | -0.4        | -           | -           |             |
|                                  |        |       |            |           |       |       | Williondies                    |             |             |             |             |             |             |
| Key Ratios                       | 2015   | 2016  | 2017       | 2018F     | 2019F | 2020F | Cash Flows                     | 2015        | 2016        | 2017        | 2018F       | 2019F       | 2020F       |
| Growth                           |        |       |            |           |       |       | EBITDA                         | -13.9       | -13.8       | -13.3       | -8.3        | -2.1        | 3.8         |
| Revenue Growth                   | 123%   | 6%    | 38%        | 68%       | 48%   | 30%   | Interest paid                  | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Ebitda Growth                    | 13%    | -21%  | 3%         | Lge       | 75%   | 286%  | Interest received              | 0.3         | 0.4         | 0.1         | 0.2         | 0.3         | 0.6         |
| EBIT Growth                      | 8%     | -18%  | 2%         | 34%       | 64%   | 166%  | Tax Paid                       | 0.0         | -0.2        | 0.0         | -0.4        | -0.4        | -0.4        |
| Margins                          |        |       |            |           |       |       | Other                          | 0.0         | 0.2         | 0.0         | 1.0         | -0.2        | -0.2        |
| Ebitda/Sales                     | -182%  | -207% | -145%      | -54%      | -9%   | 13%   | Net Operating Cash Flow        | -12.6       | -12.6       | -13.4       | -9.3        | -2.0        | 4.3         |
| EBIT/Sales                       | -205%  | -227% | -161%      | -63%      | -16%  | 8%    | Capex                          | -2.3        | -1.1        | -1.2        | -0.5        | -0.5        | -0.5        |
| Pre-Tax/Sales                    | -200%  | -222% | -160%      | -62%      | -14%  | 10%   | Other investing cash flow      | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Efficiency                       | 000/   | 0001  | 2007       | 2007      | 00/   | F0/   | Investing Cash Flow            | -2.3        | -1.1        | -1.2        | -0.5        | -0.5        | -0.5        |
| ROE                              | -30%   | -30%  | -32%       | -30%      | -8%   | 5%    | Financing Cash Flow            | 18.0        | 22.2        | 9.0         | 0.0         | 11.1        | 0.0         |
| ROA                              | -28%   | -28%  | -29%       | -25%      | -7%   | 4%    | Total Cash Flows               | 3.1         | 8.6         | -5.6        | -9.8        | 8.7         | 3.8         |
| ROIC                             | -28%   | -28%  | -29%       | -25%      | -7%   | 4%    |                                |             |             |             |             |             |             |
| Leverage<br>Net Debt/debt+equity |        |       |            |           |       |       |                                |             |             |             |             |             |             |
| Ebitda/interest cover            | -      | -     | -          | -         | -     | -     |                                |             |             |             |             |             |             |
| Net Debt/Ebitda                  | -      | -     | -          | -         | -     | -     |                                |             |             |             |             |             |             |
| (ICQ has no net debt)            | -      | -     | -          | -         | -     | -     |                                |             |             |             |             |             |             |
| ניסע וומס ווט וופנ עפטני)        |        |       |            |           |       |       |                                |             |             |             |             |             |             |
|                                  |        |       |            |           |       |       |                                |             |             |             |             |             |             |
|                                  |        |       |            |           |       |       |                                |             |             |             |             |             |             |
| Valuation                        |        |       |            |           |       |       | Company Contacts               |             |             |             |             |             |             |
| Risk Free Rate                   |        |       | %          |           | 6.0%  |       | iCar Asia Ltd                  |             | Chairman    |             | Georg Chr   |             |             |
| Equity Risk Premium              |        |       | %          |           | 6.0%  |       | Tower A, Level 30              | C           | Chief Exec  | utive F     | lamish St   | one         |             |
| Beta                             |        |       |            |           | 1.30  |       | Menara UOA Bangsar             | C           | CFO         | J           | oe Dische   | )           |             |
| Cost of Equity                   |        |       | %          |           | 15.6% |       | No. 5 Jalan Bangsar Utama      |             |             |             |             |             |             |
| Gearing Ratio                    |        |       | %          |           | 0%    |       | 59000, Kuala Lumpur, Malaysi   | a           |             |             |             |             |             |
| Cost of Debt                     |        |       | %          |           | 7%    |       | Telephone: +60 3 2776 6000     |             |             |             |             |             |             |
| WACC                             |        |       | %          |           | 16%   |       |                                |             |             |             |             |             |             |
| Terminal Growth Rate (Y5)        |        |       | %          |           | 12%   |       | www.icarasia.com               |             |             |             |             |             |             |
| DCF Valuation                    |        |       | \$m        |           | 179   |       |                                |             |             |             |             |             |             |
| Value Per Share                  |        |       | \$/shr     |           | 0.41  |       |                                |             |             |             |             |             |             |
| Target Price                     |        |       | \$/shr     |           | 0.41  |       |                                |             |             |             |             |             |             |
|                                  |        |       |            |           |       |       |                                |             | SOURCE      | : MORGA     | NS RESEA    | ARCH, CO    | MPANY       |
|                                  |        |       |            |           |       |       |                                |             |             |             |             |             |             |



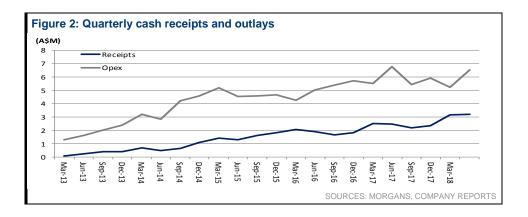
# Strong second quarter

# Price rises will drive stronger H2 growth

Rising advertising volumes, an increase in advertising rates in May and early contributions from transaction services drove iCar Asia to report better-than-expected cash collections of \$3.2m in the June quarter, 22% up on pcp. The performance was better than expected despite an estimated A\$0.5m in revenue lost due to the Malaysian general election and the earlier occurrence of Ramadan, which occurred in June this year (July last year). Key observations on the quarterly update:

- iCar Asia grew its consumer audience and levels of dealer engagement during the quarter. Unique visitors to the company's sites were up 45% on pcp and leads generated for dealers increased 27% on pcp. This growth reflected the company's push, which commenced the prior year, to expand inventory and dealer participation.
- The company increased prices across the region in May, with individual product price rises ranging from 10% to 100%, and a weighted average price increase of around 33%. As the price rise covered only two months of the quarter, and dealers were able to use up advertising credits purchased previously at lower rates, the full impact of the price rise will only be evident in the September quarter.
- Revenue loss from the Malaysian election was significant. The company was forced to move a major car expo from May to July, general display advertising was disrupted and the volume of dealer depth revenues was subdued. The company noticed a major uptick in activity after the election.
- The company launched several new products in all countries during the quarter. These included a new car lead generator, a used car auction system to provide inventory for dealers and a transaction services business that offers finance and insurance for new and used car buyers.
- The auction business where vendors pay a commission of 2% of the value of the car sold had a positive start in Malaysia with clearance rates ranging from 30% to 50% of vehicles offered. Over time the auction business offers the prospect of significantly increasing the value captured by ICQ for each vehicle advertised.
- ICQ now has banking and insurance partners in all countries in which it operates – Malaysia, Thailand and Indonesia. Loan origination fees are being set at fixed dollar amounts but insurance policies will generate sales commissions set at around 10% of the premium.
- iCar reiterated guidance that it expected positive EBITDA contributions in Malaysia and Thailand by the end of 2018 and for the group as a whole to be EBITDA positive by the end of 2019.
- ICQ ended the quarter with \$15.2m in cash. Coupled with approximately \$10m due from option exercise in June 2019, the company seems to be adequately funded through to cash flow break even.





# **Changes to forecasts**

We have revised our forecasts to reflect 1) Changes in foreign exchange rates since out last report; 2) The price rises implemented in May; 3) Operating expense trends in the last two quarters; 4) The increase in issued shares and options following the recent capital raising. Our forecasts for transaction-based revenues are immaterial at present. Once a trend in transaction-based revenues becomes apparent we may include larger contributions from this source.

| Figure 3: Forecast revisions |                            |       |      |      |      |      |      |  |  |
|------------------------------|----------------------------|-------|------|------|------|------|------|--|--|
|                              |                            | FY18  | FY19 | FY20 | FY21 | FY22 | FY23 |  |  |
| Revenues                     |                            |       |      |      |      |      |      |  |  |
| Former                       | \$m                        | 14.2  | 22.4 | 29.3 | 38.1 | 47.8 | 59.7 |  |  |
| Revised                      | \$m                        | 15.5  | 22.9 | 29.8 | 38.6 | 47.4 | 58.0 |  |  |
| EBITDA                       |                            |       |      |      |      |      |      |  |  |
| Former                       | \$m                        | -8.2  | -0.7 | 5.2  | 12.7 | 20.8 | 30.6 |  |  |
| Revised                      | \$m                        | -8.3  | -2.1 | 3.8  | 11.3 | 18.7 | 27.5 |  |  |
| NPAT                         |                            |       |      |      |      |      |      |  |  |
| Former                       | \$m                        | -9.6  | -1.9 | 4.3  | 12.2 | 21.6 | 31.8 |  |  |
| Revised                      | \$m                        | -10.1 | -3.7 | 2.6  | 10.4 | 19.1 | 28.3 |  |  |
| EPS                          |                            |       |      |      |      |      |      |  |  |
| Former                       | \$m                        | -3.0  | -0.6 | 1.3  | 3.8  | 6.7  | 9.9  |  |  |
| Revised                      | \$m                        | -2.5  | -0.8 | 0.6  | 2.4  | 4.3  | 6.4  |  |  |
|                              | SOURCES: MORGANS ESTIMATES |       |      |      |      |      |      |  |  |

# Changes to valuation and price target

Our target price is set by our discounted cash flow valuation. Our DCF valuation has increased to A\$0.41 per share from A\$0.29 per share due to 1) Changes to our forecasts mentioned above and 2) The increase in the number of fully diluted shares from 322.2m to 440.5m shares following the recent issue of new shares and options and 3) The increase of our terminal year multiple to 18x (from 16.7x). The assumptions underlying our valuation are shown in the following table. Risks to our valuation and price target are shown in the risks and catalysts section below.



| Figure 4: Discounted  | cash flo | N    |      |      |      |                           |          |
|-----------------------|----------|------|------|------|------|---------------------------|----------|
| Year ended Dec        | 2018     | 2019 | 2020 | 2021 | 2022 | Modelling Assumptions     |          |
| A\$m                  |          |      |      |      |      | Risk Free Rate            | 6.0%     |
| EBIT                  | (10)     | (4)  | 2    | 10   | 17   | Equity Risk Premium       | 6.0%     |
| D&A                   | 2        | 2    | 2    | 2    | 2    | Company Beta              | 1.30     |
| Ebitda                | (8)      | (2)  | 4    | 11   | 19   | Cost of Equity            | 15.6%    |
| Interest Income       | 0        | 0    | 0    | 1    | 1    | Debt %                    | 0%       |
| Tax                   | 0.0      | -0.4 | -0.4 | -0.4 | -0.4 | Cost of Debt              | 7.0%     |
| Change in WC          |          |      |      |      |      | Tax Rate                  | 20%      |
| Cash From Operations  | (8)      | (2)  | 4    | 12   | 19   | WACC                      | 15.6%    |
| SIB Capex             | -1       | -1   | -1   | -1   | -1   | Long Term growth rate     | 12.0%    |
| Free Cash Flow        | (9)      | (3)  | 3    | 11   | 19   | Implied TV Multiple       | 18.0     |
| Other adjustments     |          |      |      |      |      | Discounted Terminal Value | 171      |
| Free Cash Flow - adj  | (9)      | (3)  | 3    | 11   | 19   | NPV \$                    | 179      |
| Discount Factor       | 1.00     | 0.84 | 0.71 | 0.60 | 0.51 |                           |          |
| NPV of Free Cash Flow | -8.7     | -2.4 | 2.3  | 6.6  | 9.5  |                           |          |
| NPV of Terminal Value |          |      |      |      | 171  |                           |          |
| Total Present Value   |          |      |      |      | 179  |                           |          |
| Shares Out (FD)       |          |      |      |      | 440  |                           |          |
| NPV/Share             |          |      |      |      | 0.41 |                           |          |
| 1                     |          |      |      |      |      | SOURCES: MORGANS ES       | STIMATES |

# **Risks and catalysts**

Risks to ICQ include: 1) political or economic disturbances in Malaysia or Thailand that dampen car buyer sentiment; 2) Weakness in growth rates for advertising depth products in all markets; 3) Failure of new business lines – such as new car leads products – to gain popularity with dealers; and 4) irrational competitor behavior. Potential re-rating catalysts include: 1) a faster rebound in new and used car markets than we have assumed; 2) faster take-up of the new dealer products and a step-change in depth ad usage; and 3) Large revenue gains from car marketing events.

### **Investment view**

iCar Asia offers investors exposure to the growth of online automobile advertising in South East Asia, a market that we expect will become substantial over time. We maintain an ADD recommendation. The company has not yet reached cash-flow self-sustainability and therefore ICar Asia shares are high risk and should be avoided by investors with a low risk tolerance.



| Queensland                        |                   | New South Wale                 | S                     | Victoria                          |                   | Western Australia                                 |                 |  |
|-----------------------------------|-------------------|--------------------------------|-----------------------|-----------------------------------|-------------------|---|-----------------|--|
| Brisbane                          | +61 7 3334 4888   | Sydney                         | +61 2 9043 7900       | Melbourne                         | +61 3 9947 4111   | West Perth  | +61 8 6160 8700 |  |
| Stockbroking, Corporate Advice, W | /ealth Management | Stockbroking, Corporate Advice | ce, Wealth Management | Stockbroking, Corporate Advice, \ | Wealth Management | Stockbroking, Corporate Advice, Wealth Management |                 |  |
| Brisbane: Edward St               | +61 7 3121 5677   | Sydney: Grosvenor              | +61 2 8215 5000       | Brighton                          | +61 3 9519 3555   | Perth   | +61 8 6462 1999 |  |
| Brisbane: Tynan                   | +61 7 3152 0600   | Place                          |                       | Camberwell                        | +61 3 9813 2945   |   |                 |  |
| Partners                          |                   | Sydney: Reynolds               | +61 2 9373 4452       | Domain                            | +61 3 9066 3200   | South Australia                                   |                 |  |
| Brisbane: North Quay              | +61 7 3245 5466   | Securities                     |                       | Geelong                           | +61 3 5222 5128   | Adelaide  | +61 8 8464 5000 |  |
| Bundaberg                         | +61 7 4153 1050   | Sydney: Currency               | +61 2 8216 5111       | Richmond                          | +61 3 9916 4000   | Norwood   | +61 8 8461 2800 |  |
| Cairns                            | +61 7 4222 0555   | House                          |                       | South Yarra                       | +61 3 8762 1400   | Unley   | +61 8 8155 4300 |  |
| Caloundra                         | +61 7 5491 5422   | Armidale                       | +61 2 6770 3300       | Southbank                         | +61 3 9037 9444   |   |                 |  |
| Gladstone                         | +61 7 4972 8000   | Ballina                        | +61 2 6686 4144       | Traralgon                         | +61 3 5176 6055   |   |                 |  |
| Gold Coast                        | +61 7 5581 5777   | Balmain                        | +61 2 8755 3333       | Warrnambool                       | +61 3 5559 1500   |   |                 |  |
| Ipswich/Springfield               | +61 7 3202 3995   | Bowral                         | +61 2 4851 5555       |                                   |                   |   |                 |  |
| Kedron                            | +61 7 3350 9000   | Chatswood                      | +61 2 8116 1700       | Australian Capital                | Territory         |   |                 |  |
| Mackay                            | +61 7 4957 3033   | Coffs Harbour                  | +61 2 6651 5700       | Canberra                          | +61 2 6232 4999   |   |                 |  |
| Milton                            | +61 7 3114 8600   | Gosford                        | +61 2 4325 0884       |                                   |                   |   |                 |  |
| Noosa                             | +61 7 5449 9511   | Hurstville                     | +61 2 8215 5079       | <b>Northern Territory</b>         |                   |   |                 |  |
| Redcliffe                         | +61 7 3897 3999   | Merimbula                      | +61 2 6495 2869       | Darwin                            | +61 8 8981 9555   |   |                 |  |
| Rockhampton                       | +61 7 4922 5855   | Mona Vale                      | +61 2 9998 4200       |                                   |                   |   |                 |  |
| Spring Hill                       | +61 7 3833 9333   | Neutral Bay                    | +61 2 8969 7500       | Tasmania                          |                   |   |                 |  |
| Sunshine Coast                    | +61 7 5479 2757   | Newcastle                      | +61 2 4926 4044       | Hobart                            | +61 3 6236 9000   |   |                 |  |
| Toowoomba                         | +61 7 4639 1277   | Orange                         | +61 2 6361 9166       |                                   |                   |   |                 |  |
| Townsville                        | +61 7 4725 5787   | Port Macquarie                 | +61 2 6583 1735       |                                   |                   |   |                 |  |
|                                   |                   | Scone                          | +61 2 6544 3144       |                                   |                   |   |                 |  |
|                                   |                   | Wollongong                     | +61 2 4227 3022       |                                   |                   |   |                 |  |

#### Disclaimer

The information contained in this report is provided to you by Morgans Financial Limited as general advice only, and is made without consideration of an individual's relevant personal circumstances. Morgans Financial Limited ABN 49 010 669 726, its related bodies corporate, directors and officers, employees, authorised representatives and agents ("Morgans") do not accept any liability for any loss or damage arising from or in connection with any action taken or not taken on the basis of information contained in this report, or for any errors or omissions contained within. It is recommended that any persons who wish to act upon this report consult with their Morgans investment adviser before doing so. Those acting upon such information without advice do so entirely at their own risk.

This report was prepared as private communication to clients of Morgans and is not intended for public circulation, publication or for use by any third party. The contents of this report may not be reproduced in whole or in part without the prior written consent of Morgans. While this report is based on information from sources which Morgans believes are reliable, its accuracy and completeness cannot be guaranteed. Any opinions expressed reflect Morgans judgement at this date and are subject to change. Morgans is under no obligation to provide revised assessments in the event of changed circumstances. This report does not constitute an offer or invitation to purchase any securities and should not be relied upon in connection with any contract or commitment whatsoever.

### Disclosure of interest

Morgans may from time to time hold an interest in any security referred to in this report and may, as principal or agent, sell such interests. Morgans may previously have acted as manager or co-manager of a public offering of any such securities. Morgans affiliates may provide or have provided banking services or corporate finance to the companies referred to in the report. The knowledge of affiliates concerning such services may not be reflected in this report. Morgans advises that it may earn brokerage, commissions, fees or other benefits and advantages, direct or indirect, in connection with the making of a recommendation or a dealing by a client in these securities. Some or all of Morgans Authorised Representatives may be remunerated wholly or partly by way of commission.

### Regulatory disclosures

Analyst owns shares in the following mentioned company(ies): N/A

### Recommendation structure

For a full explanation of the recommendation structure, refer to our website at http://www.morgans.com.au/research\_disclaimer

### Research team

For analyst qualifications and experience, refer to our website at http://www.morgans.com.au/research-and-markets/our-research-team

### Research coverage policy

For an overview on the stock selection process, refer to our website at <a href="https://www.morgans.com.au/research-and-markets/company-analysis/Research-Coverage-Policy">https://www.morgans.com.au/research-and-markets/company-analysis/Research-Coverage-Policy</a>

### Research independence statement

https://www.morgans.com.au/Research-Independence-Statement

### Stocks under coverage

For a full list of stocks under coverage, refer to our website at <a href="http://www.morgans.com.au/research-and-markets/company-analysis/ASX100-Companies-under-coverage">http://www.morgans.com.au/research-and-markets/company-analysis/ASX100-Companies-under-coverage</a> and

http://www.morgans.com.au/research-and-markets/company-analysis/EX-100-Companies-under-coverage

# www.morgans.com.au

If you no longer wish to receive Morgans publications please contact your local Morgans branch or write to GPO Box 202 Brisbane QLD 4001 and include your account details.

13.06.18