



ZYDUS WELLNESS

Consumer Staples

10 November 2022

High commodity prices play spoilsport

- Q2 revenue grew 12% YoY (-38% QoQ) to Rs 4.3bn aided by 5% volume growth
- Gross/EBITDA margins fell 490bps/420bps YoY to 43%/3.8% due to higher input and other costs
- Retain BUY on product innovation, distribution expansion and improving product category penetration; TP unchanged at Rs 2,185

Revenue up 12% YoY: ZYWL's consolidated Q2FY23 revenue grew 12% YoY to Rs 4.3bn led by 5% volume growth and marketing efforts across the portfolio. The company witnessed downtrading by rural consumers (25% of the topline), which led to sequentially lower volume growth.

EBITDA margin contracts: Higher input cost inflation, mainly in milk (+25% YoY), aspartame (+65% YoY) and dextrose monohydrate (+65% YoY), along with weakening of the rupee and higher crude prices exerted pressure on margins. Gross margin contracted 490ps YoY to 43.3% and EBITDA margin fell 420bps to 3.8%. To mitigate cost inflation, the company plans to take calibrated price hikes in the coming months (+2% hike taken now), the full benefit of which is expected in Q4.

Key growth triggers: (a) Per management, raw material inflation is likely to soften in H2FY23, which will not only aid gross margin expansion but will also provide flexibility for aggressive brand investments. We believe this will bolster volume growth. (b) Management is looking at filling white spaces and has been offering brand extensions and new launches, which we expect will aid revenue growth.

(c) The average penetration of ZYWL's portfolio brands stands at ~20% (12-24% across categories), signifying higher growth headroom vs. its FMCG peers. In our view, an increase in market penetration from modest levels is one of the levers for sustained long-term category growth. To improve penetration, ZYWL aims to widen direct distribution coverage from 0.6mn to ~1mn by FY25. Growth in modern trade, chemist channel sales and e-commerce channels is likely to further boost sales.

Revival underway; retain BUY: ZYWL is trading at 23.6x FY24E EPS. We retain BUY and our TP of Rs 2,185, set at 38x FY24E EPS (in line with the stock's 5Y median), on the back of new launches, increasing distribution strength, a broader presence through existing brands, its ability to cater to white spaces, and a strong gross margin which gives the company the leeway to spend more on brand building. We are also positive on ZYWL's debt reduction measures, quick free cash flow generation and superior execution.

Key changes

Ruchitaa Maheshwari

research@bobcaps.in

| , | 3 | | |
|---------------|----------|-------------------|--|
| | Target | Rating | |
| <► | | <► | |
| | | | |
| Ticker/Pr | ice | ZYWL IN/Rs 1,642 | |
| Market cap | | US\$ 1.3bn | |
| Free float | | 35% | |
| 3M ADV | | US\$ 1.2mn | |
| 52wk high/low | | Rs 2,090/Rs 1,430 | |
| Promoter | /FPI/DII | 65%/3%/25% | |
| | | | |

Source: NSE | Price as of 10 Nov 2022

Key financials

| Y/E 31 Mar | FY22A | FY23E | FY24E | | | | |
|--|--------|--------|--------|--|--|--|--|
| Total revenue (Rs mn) | 20,091 | 22,045 | 24,534 | | | | |
| EBITDA (Rs mn) | 3,448 | 4,056 | 4,711 | | | | |
| Adj. net profit (Rs mn) | 3,098 | 3,657 | 4,442 | | | | |
| Adj. EPS (Rs) | 48.4 | 57.4 | 69.5 | | | | |
| Consensus EPS (Rs) | 48.4 | 56.1 | 69.3 | | | | |
| Adj. ROAE (%) | 5.9 | 6.9 | 7.8 | | | | |
| Adj. P/E (x) | 33.9 | 28.6 | 23.6 | | | | |
| EV/EBITDA (x) | 33.0 | 26.4 | 22.2 | | | | |
| Adj. EPS growth (%) (19.3) 18.0 21.2 | | | | | | | |
| Source: Company, Bloomberg, BOBCAPS Research | | | | | | | |

Stock performance



Source: NSE



Important disclosures and analyst certifications are provided at the end of the report.





Earnings call highlights

Complan

- The health food drinks (HFD) category has declined in value terms over the last three quarters (down 3% over Jan-Sep'22) due to new players coming in and lower consumption, compounded by downtrading to lower unit packs (LUP) and cheaper pouches which led to price wars.
- Per management, LUPs or sachets which earlier constituted 14-15% of the HFD segment have risen to 26-27%. Sachets which were previously a mainstay in rural markets are now gaining popularity among the mass urban population as well. The company estimates that price of the 500gm pack have declined by 15-16% YoY across the industry in CY22, lowering the average realisation in the category.
- ZYWL remains focused on increasing its presence in sachets and pouches, along with product activations to drive distribution.
- The company is consciously making efforts to fill white spaces in the brand over the next few years.
- During Q2, it launched two new variants, Royal Chocolate and Kesar Badam, as well as a new Creamy Classic pouch in West Bengal.
- Complan's competitors are aggressive marketers which helps them gain market share. ZYWL recently accelerated marketing spends and the effects should be visible in coming quarters.
- The company's *Pack Palto, Farak Dekho* (Turn the Pack, See the Difference) campaign highlights the superiority of its protein content over competition and has witnessed a positive response in persuasion and consideration scores.
- As per Nielsen's MAT Sep'22 report, Complan has 4.6% market share vs. 5.4% in Sep'21 (4.8% in Jun'22). Management expects market share to recover in the next couple of quarters through intervention in pack prices and distribution.

Sugar Free

- ZYWL's Sugar Free brand did not grow during Q2FY23 due to the high base of last year, but remained in high single digits on a three-year CAGR basis.
- Focused actions drove growth of Sugar Free Green, with direct distribution of this product doubling QoQ during the quarter.
- Sugar Free Green and Sugar Lite together contribute 40% of the company's topline.
- ZYWL's Sugar Free brand maintains leadership with market share at 95% (96.2% in Sep'21), as per IQVIA's MAT Sep'22 report.



Glucon-D

- Glucon-D revenues witnessed double-digit growth in Q2FY23 as ZYWL leveraged the second-summer opportunity across key markets through television campaigns.
- Post-Covid, management altered its strategy to project the product as a "partner in health" that can be consumed for any form of fatigue or dehydration and not just a summer product. The company also ran campaigns in the Hindi heartland of Uttar Pradesh and Bihar, besides enhancing the distribution channel to raise penetration.
- Glucon-D has maintained its #1 market share at 60% in the glucose powder category, as per Nielsen's MAT Sep'22 report, up ~160bps over the same period last year.

Nycil

- With a prolonged monsoon season, the Nycil brand witnessed strong double-digit sales growth supported by television campaigns.
- As per Nielsen's MAT Sep'22 report, Nycil maintained its #1 position with 35% market share in the prickly heat powder category vs. 34.5% in Sep'21 and 34.2% in Jun'22.

Everyuth

- ZYWL saw strong double-digit growth in Everyuth during the quarter. The brand was supported by television and digital campaigns for its sub-segments such as face wash, scrubs and peel-offs. The company is building on adjacencies including body lotion and tan removal cream.
- As per Nielsen's MAT Sep'22 report: (a) Everyuth Scrub has maintained its #1 position with 41.8% market share in the facial scrub category, an increase of 270bps YoY (as consumers preferred scrubs over face-wash), (b) Everyuth Peel-off has maintained its #1 position with 75.7% market share in the peel-off category vs. 77.3% in Sep'21, and (c) the Everyuth brand is at #5 with 6.5% market share in the overall facial cleansing segment.

Nutralite

- The Nutralite brand registered yet another quarter of strong double-digit revenue growth on a YoY basis.
- ZYWL's DoodhShakti dairy portfolio, which includes butter, spreads and ghee, delivered a strong performance backed by an increased distribution drive, festivalspecific digital activations and celebrity-endorsed online recipe videos.
- Nutralite mayonnaise and chocolate spreads continue to do well.



Sustained healthy outlook for international business

- ZYWL's Sugar Free and Complan brands constitute 93% of its international business. The company launched new extensions to Sugar Free – D'lite Cookies and D'lite Chocolate Spread – in international markets during FY22 and entered new geographies such as Hong Kong, Lebanon, Zimbabwe, Muscat, Ethiopia and Australia. The top 5 markets constitute ~80% of business.
- Management has guided for high-double-digit growth in the international business, likely crossing Rs 1bn in revenue in FY23. The target is to have 8-10% of revenue from this business in the next 4-5 years from ~4% in FY22.



Fig 1 – Consolidated quarterly performance

| (Rs mn) | Q2FY23 | Q2FY22 | YoY (%) | Q1FY23 | QoQ (%) | H1FY23 | H1FY22 | YoY (%) |
|------------------------------------|--------|--------|----------|--------|------------|--------|--------|----------|
| Net Sales | 4,295 | 3,837 | 11.9 | 6,968 | (38.4) | 11,262 | 9,812 | 14.8 |
| COGS | 2,435 | 1,987 | 22.6 | 3,186 | (23.6) | 5,621 | 4,652 | 20.8 |
| % of sales | 56.7 | 51.8 | 491bps | 45.7 | 1097bps | 49.9 | 47.4 | 5.3 |
| Employee cost | 436 | 423 | 3.1 | 451 | (3.2) | 887 | 853 | 4.0 |
| % of sales | 10.2 | 11.0 | (87bps) | 6.5 | 369bps | 7.9 | 8.7 | (9.4) |
| A&P spends | 517 | 475 | 8.8 | 962 | (46.3) | 1,479 | 1,167 | 26.7 |
| % of sales | 12.0 | 12.4 | (34bps) | 13.8 | (177bps) | 13.1 | 11.9 | 10.4 |
| Other expenses | 744 | 646 | 15.1 | 888 | (16.2) | 1,632 | 1,430 | 14.1 |
| % of sales | 17.3 | 16.8 | 47bps | 12.7 | 458bps | 14.5 | 14.6 | (0.6) |
| EBITDA | 163 | 305 | (46.8) | 1,481 | (89.0) | 1,644 | 1,710 | (3.8) |
| EBITDA Margin (%) | 3.8 | 8.0 | (417bps) | 21.3 | (1747bps) | 14.6 | 17.4 | (283bps) |
| Depreciation and amortization | 64 | 61 | 5.2 | 60 | 6.5 | 125 | 117 | 6.6 |
| EBIT | 98 | 244 | (59.8) | 1,421 | (93.1) | 1,519 | 1,593 | (4.6) |
| EBIT Margin (%) | 2.3 | 6.4 | (408bps) | 20.4 | (1,810bps) | 13.5 | 16.2 | (274bps) |
| Net Interest expenses | 29 | 67 | (56.1) | 41 | (29.0) | 71 | 131 | (46.0) |
| Other non-operating inc (exp), net | 14 | 34 | (59.8) | 20 | (30.8) | 33 | 58 | (42.6) |
| Exceptional items | 0 | 0 | - | 0 | - | 0 | 0 | - |
| Earnings before tax | 82 | 211 | (60.9) | 1,399 | (94.1) | 1,481 | 1,519 | (2.5) |
| Income taxes | (2) | (4) | (37.8) | (0) | 666.7 | (3) | (4) | (29.7) |
| Reported Net income (loss) | 85 | 215 | (60.5) | 1,399 | (93.9) | 1,484 | 1,523 | (2.5) |
| Net Margin (%) | 2.0 | 5.6 | (362bps) | 20.1 | (1,811bps) | 13.2 | 15.5 | (234bps) |

Source: Company, BOBCAPS Research



Valuation methodology

ZYWL is a unique play on India's emerging health & wellness category that enjoys market leadership in various niche segments with limited competition from large FMCG companies. The stock is currently trading at 23.6x FY24E EPS. We retain BUY and our TP of Rs 2,185, set at 38x FY24E EPS (in line with its five-year median) on the back of new launches, increasing distribution strength, a broader presence through existing brands, its ability to cater to white spaces, and a strong gross margin which gives the company leeway to spend more on brand building. We are also positive on ZYWL's debt reduction measures, quick FCF generation and superior execution.

Key risks

Key downside risks to our estimates are:

- failure to realise expected merger benefits,
- failure of new launches,
- aggressive competition from start-ups,
- inability to scale up acquired brands (typically difficult for FMCG incumbents),
- raw material price increases, and
- economic slowdown/pandemic risk.



Financials

| Income Statement | | | | | |
|----------------------------|---------|--------|--------|--------|--------|
| Y/E 31 Mar (Rs mn) | FY20A | FY21A | FY22A | FY23E | FY24E |
| Total revenue | 17,668 | 18,667 | 20,091 | 22,045 | 24,534 |
| EBITDA | 3,211 | 3,444 | 3,448 | 4,056 | 4,711 |
| Depreciation | (264) | (252) | (236) | (338) | (375) |
| EBIT | 2,947 | 3,192 | 3,211 | 3,718 | 4,336 |
| Net interest inc./(exp.) | (1,399) | (838) | (255) | (181) | (32) |
| Other inc./(exp.) | 107 | 89 | 104 | 109 | 119 |
| Exceptional items | 44 | 1,321 | 0 | 0 | 0 |
| EBT | 1,717 | 3,783 | 3,077 | 3,665 | 4,442 |
| Income taxes | 205 | 65 | 29 | 0 | 0 |
| Extraordinary items | 0 | 0 | 0 | 0 | 0 |
| Min. int./Inc. from assoc. | 0 | 0 | 0 | 0 | 0 |
| Reported net profit | 1,943 | 3,867 | 3,098 | 3,657 | 4,442 |
| Adjustments | 0 | 0 | 0 | 0 | 0 |
| Adjusted net profit | 1,943 | 3,867 | 3,098 | 3,657 | 4,442 |

| Y/E 31 Mar (Rs mn) | FY20A | FY21A | FY22A | FY23E | FY24E |
|---------------------------|--------|--------|--------|--------|--------|
| Accounts payables | 5,045 | 4,386 | 3,643 | 5,197 | 5,727 |
| Other current liabilities | 429 | 297 | 677 | 353 | 393 |
| Provisions | 259 | 312 | 347 | 367 | 409 |
| Debt funds | 15,558 | 5,991 | 3,815 | 815 | 15 |
| Other liabilities | 0 | 0 | 0 | 0 | 0 |
| Equity capital | 577 | 636 | 636 | 636 | 636 |
| Reserves & surplus | 34,030 | 45,042 | 47,804 | 51,420 | 55,804 |
| Shareholders' fund | 34,607 | 45,678 | 48,440 | 52,056 | 56,440 |
| Total liab. and equities | 55,897 | 56,664 | 56,922 | 58,788 | 62,984 |
| Cash and cash eq. | 824 | 2,527 | 1,698 | 2,544 | 5,644 |
| Accounts receivables | 1,182 | 943 | 1,423 | 1,102 | 1,227 |
| Inventories | 2,923 | 3,647 | 3,616 | 4,133 | 4,549 |
| Other current assets | 1,396 | 1,166 | 919 | 1,347 | 1,499 |
| Investments | 40,304 | 39,200 | 39,470 | 39,470 | 39,470 |
| Net fixed assets | 2,047 | 1,996 | 2,445 | 2,726 | 2,902 |
| CWIP | 35 | 37 | 119 | 51 | 57 |
| Intangible assets | 5,488 | 5,478 | 5,455 | 5,455 | 5,455 |
| Deferred tax assets, net | 0 | 0 | 0 | 0 | 0 |
| Other assets | 1,697 | 1,670 | 478 | 1,960 | 2,181 |
| Total assets | 55,897 | 56,664 | 55,624 | 58,788 | 62,984 |

Cash Flows

| Y/E 31 Mar (Rs mn) | FY20A | FY21A | FY22A | FY23E | FY24E |
|----------------------------|---------|---------|---------|---------|-------|
| Cash flow from operations | 1,606 | 3,109 | 1,512 | 5,927 | 4,736 |
| Capital expenditures | (169) | (203) | (767) | (551) | (557) |
| Change in investments | (643) | 1,104 | (270) | 0 | 0 |
| Other investing cash flows | 49 | 37 | 1,215 | (1,481) | (221) |
| Cash flow from investing | 843 | 4,047 | 1,690 | 3,895 | 3,958 |
| Equities issued/Others | (1,171) | 7,233 | (305) | (2) | (19) |
| Debt raised/repaid | (484) | (9,567) | (2,176) | (3,000) | (800) |
| Interest expenses | 0 | 0 | 0 | 0 | 0 |
| Dividends paid | (28) | (28) | (31) | (38) | (38) |
| Other financing cash flows | 22 | 18 | (8) | (8) | 0 |
| Cash flow from financing | (819) | 1,703 | (829) | 846 | 3,100 |
| Chg in cash & cash eq. | 1,643 | 824 | 2,527 | 1,698 | 2,544 |
| Closing cash & cash eq. | 824 | 2,527 | 1,698 | 2,544 | 5,644 |

| Per Share | | | | | |
|-----------------------------------|---------|-------|---------|-------|--------|
| Y/E 31 Mar (Rs) | FY20A | FY21A | FY22A | FY23E | FY24E |
| Reported EPS | 31.9 | 18.9 | 48.4 | 57.4 | 69.5 |
| Adjusted EPS | 31.9 | 18.9 | 48.4 | 57.4 | 69.5 |
| Dividend per share | 0.4 | 0.4 | 0.4 | 0.5 | 0. |
| Book value per share | 600.2 | 717.9 | 761.3 | 818.1 | 887. |
| Valuations Ratios | | | | | |
| Y/E 31 Mar (x) | FY20A | FY21A | FY22A | FY23E | FY24 |
| EV/Sales | 6.2 | 6.4 | 5.7 | 4.9 | 4.3 |
| EV/EBITDA | 34.2 | 34.6 | 33.0 | 26.4 | 22. |
| Adjusted P/E | 51.6 | 86.7 | 33.9 | 28.6 | 23. |
| P/BV | 2.7 | 2.3 | 2.2 | 2.0 | 1. |
| DuBont Analysis | | | | | |
| DuPont Analysis Y/E 31 Mar (%) | FY20A | FY21A | FY22A | FY23E | FY24 |
| Tax burden (Net profit/PBT) | 111.9 | 102.2 | 100.9 | 100.0 | 100. |
| Interest burden (PBT/EBIT) | 56.2 | 115.3 | 92.8 | 95.8 | 99. |
| EBIT margin (EBIT/Revenue) | 17.3 | 17.6 | 16.5 | 17.4 | 18. |
| Asset turnover (Rev./Avg TA) | 189.3 | 188.3 | 193.1 | 194.5 | 173. |
| Leverage (Avg TA/Avg Equity) | 0.3 | 0.2 | 0.2 | 0.2 | 0. |
| Adjusted ROAE | 5.6 | 9.6 | 6.6 | 7.3 | 8. |
| | | | | | |
| Ratio Analysis | 51/00 4 | EVOLA | 51/00 4 | 5/005 | 51/0 / |
| Y/E 31 Mar | FY20A | FY21A | FY22A | FY23E | FY24 |
| YoY growth (%) | 100.0 | | | | |
| Revenue | 109.6 | 5.7 | 7.6 | 9.7 | 11. |
| EBITDA | 73.7 | 7.3 | 0.1 | 17.7 | 16. |
| Adjusted EPS | 3.9 | 81.5 | (19.3) | 18.0 | 21. |
| Profitability & Return ratios (%) | | | | | |
| EBITDA margin | 18.2 | 18.4 | 17.2 | 18.4 | 19. |
| EBIT margin | 16.7 | 17.1 | 16.0 | 16.9 | 17. |
| Adjusted profit margin | 11.0 | 20.7 | 15.4 | 16.6 | 18. |
| Adjusted ROAE | 3.7 | 2.3 | 5.9 | 6.9 | 7. |
| ROCE | 6.9 | 6.8 | 6.4 | 7.3 | 8. |
| Working capital days (days) | | | | | |
| Receivables | 24 | 18 | 26 | 18 | 1 |
| Inventory | 135 | 155 | 133 | 150 | 15 |
| Payables | 126 | 104 | 79 | 104 | 10 |
| Ratios (x) | | | | | |
| Gross asset turnover | 0.4 | 0.4 | 0.4 | 0.4 | 0. |
| Current ratio | 1.2 | 1.7 | 2.0 | 1.6 | 2. |
| | | | | | |
| Net interest coverage ratio | 2.2 | 3.9 | 13.0 | 21.2 | 137. |

Source: Company, BOBCAPS Research | Note: TA = Total Assets



NOT FOR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN OR INTO THE UNITED STATES OF AMERICA ("US") OR IN OR INTO ANY OTHER JURISDICTION IF SUCH AN ACTION IS PROHIBITED BY APPLICABLE LAW.

Disclaimer

Recommendation scale: Recommendations and Absolute returns (%) over 12 months

BUY – Expected return >+15%

HOLD - Expected return from -6% to +15%

SELL - Expected return <-6%

Note: Recommendation structure changed with effect from 21 June 2021

Our recommendation scale does not factor in short-term stock price volatility related to market fluctuations. Thus, our recommendations may not always be strictly in line with the recommendation scale as shown above.

Ratings and Target Price (3-year history): ZYDUS WELLNESS (ZYWL IN)



B - Buy, H - Hold, S - Sell, A - Add, R - Reduce

Analyst certification

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOB Capital Markets Limited (BOBCAPS).

General disclaimers

BOBCAPS is engaged in the business of Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH000000040 valid till 03 February 2025. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017. BOBCAPS CIN Number: U65999MH1996GOI098009.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. BOBCAPS research reports follow rules laid down by Securities and Exchange Board of India and individuals employed as research analysts are separate from other employees who are performing sales trading, dealing, corporate finance advisory or any other activity that may affect the independence of its research reports.

The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities — that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

ZYDUS WELLNESS



We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company. BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company or third party in the past 12 months in connection with research report/activities. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.

Other disclaimers

BOBCAPS and MAYBANK (as defined below) make no representation or warranty, express or implied, as to the accuracy or completeness of any information obtained from third parties and expressly disclaim the merchantability, suitability, quality and fitness of this report. The information in this report has not been independently verified, is provided on an "as is" basis, should not be relied on by you in connection with any contract or commitment, and should not be used as a substitute for enquires, procedures and advice which ought to be undertaken by you. This report also does not constitute an offer or solicitation to buy or sell any securities referred to here in and you should not construe this report as investment advice. All opinions and estimates contained in this report constitute BOBCAPS's judgment as of the date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report and the information contained herein may not be reproduced, redistributed, disseminated or copied by any means without the prior consent of BOBCAPS and MAYBANK.

To the full extent permitted by law neither BOBCAPS, MAYBANK nor any of their respective affiliates, nor any other person, accepts any liability howsoever arising, whether in contract, tort, negligence, strict liability or any other basis, including without limitation, direct or indirect, special, incidental, consequential or punitive damages arising from any use of this report or the information contained herein. By accepting this report, you agree and undertake to fully indemnify and hold harmless BOBCAPS and MAYBANK from and against claims, charges, actions, proceedings, losses, liabilities, damages, expenses and demands (collectively, the "Losses") which BOBCAPS and/or MAYBANK may incur or suffer in any jurisdiction including but not limited to those Losses incurred by BOBCAPS and/or MAYBANK as a result of any proceedings or actions brought against them by any regulators and/or authorities, and which in any case are directly or indirectly occasioned by or result from or are attributable to anything done or omitted in relation to or arising from or in connection with this report.

Distribution into the United Kingdom ("UK"):

This research report will only be distributed in the United Kingdom, in accordance with the applicable laws and regulations of the UK, by Maybank Securities (London) Ltd) ("**MSL**") who is authorised and regulated by the Financial Conduct Authority ("FCA") in the United Kingdom (MSL and its affiliates are collectively referred to as "**MAYBANK**"). BOBCAPS is not authorized to directly distribute this research report in the UK.

This report has not been prepared by BOBCAPS in accordance with the UK's legal and regulatory requirements.

This research report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of MAYBANK as selected by MAYBANK solely at its discretion; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended from time to time (the "Order"), or (c) fall within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc. as mentioned in the stated Article) of the Order; (all such persons together being referred to as "relevant persons").

This research report is directed only at relevant persons and must not be acted on or relied on by any persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

The relevant person as recipient of this research report is not permitted to reproduce, change, remove, pass on, distribute or disseminate the data or make it available to third parties without the written permission of BOBCAPS or MAYBANK. Any decision taken by the relevant person(s) pursuant to the research report shall be solely at their costs and consequences and BOBCAPS and MAYBANK shall not have any liability of whatsoever nature in this regard.

No distribution into the US:

This report will not be distributed in the US and no US person may rely on this communication.

Other jurisdictions:

This report has been prepared in accordance with SEBI (Research Analysts) Regulations and not in accordance with local regulatory requirements of any other jurisdiction. In any other jurisdictions, this report is only for distribution (subject to applicable legal or regulatory restrictions) to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions by Maybank Securities Pte Ltd. (Singapore) and / or by any broker-dealer affiliate or such other affiliate as determined by Malayan Banking Berhad.

If the recipient of this report is not as specified above, then it should not act upon this report and return the same to the sender.

By accepting this report, you agree to be bound by the foregoing limitations.