MULTI COMMODITY EXCHANGE OF INDIA

Structural risks on horizon

India Equity Research | Banking and Financial Services

Multi Commodity Exchange's (MCX) Q3FY18 earnings came below expectations, impacted by softer revenue momentum (transaction as well as investment income). Despite stable-to-rising commodity prices, FY18 YTD volumes have been modest—ADTV down 4% YoY to INR200bn (even on lower base). Also, option roll out has been gradual and institutional participation is awaited. Factoring slackened revenue momentum, we cut FY18E and FY19E EPS >25% and 15%, respectively. Moreover, advent of universal exchange norm challenges MCX's monopoly, posing a risk to the premium multiple it commands. Hence, we cut target multiple to 25x (from 35x). While taking away liquidity from MCX will not be easy for new players, predatory pricing could limit its pricing power. Structural threats, notwithstanding, we forecast 40% EPS CAGR over FY18-20 factoring in the benefits of positive levers and low base. Despite the associated risks, the stock still trades at 23x FY20E EPS, thereby capping the upside. Hence, downgrade to 'HOLD' with revised TP of INR975 (earlier INR1,310).

Volumes soft, but prospects bright

Despite rising commodity prices and stable bullion prices, trading volumes YTD have been modest (around INR200bn of ADTV) due to lower volatility. Recovery post demonetisation, especially in bullions, has been modest, denting overall ADTV (bullion volume down >30% YoY). Even options volumes (though too early to draw a trend) have been modest (ADTV of INR500-700mn) and remain a key monitorable. However, we do expect activity levels to pick up once volatility kicks in, options scale up and institutional participation is permitted. Hence, we estimate >25% volume CAGR over FY18-20.

Outlook and valuations: Limited upside; downgrade to 'HOLD

While FY18 volumes YTD have been soft, we believe structural levers will support >25% EPS growth over FY18-20E. With operating leverage kicking in, we estimate 40% EPS CAGR over FY18-20. However, structural risk of universal exchange will challenge MCX's monopoly and pose a threat to its revenue momentum. Despite the associated risks, the stock trades at 23x FY20E earnings, thereby limiting the upside from current level. We, therefore, downgrade to 'HOLD/SU' from 'BUY/SP' with revised target price of INR975 based on 25x FY20E earnings.

| Financials | | | | | | | (1 | NR mn) |
|--------------------|--------|--------|----------|--------|----------|-------|-------|--------|
| Year to March | Q3FY18 | Q3FY17 | Growth % | Q2FY18 | Growth % | FY17 | FY18E | FY19E |
| Net revenue | 748 | 998 | (25.0) | 898 | (16.7) | 3,759 | 3,516 | 4,512 |
| Net profit | 178 | 339 | (47.6) | 283 | (37.2) | 1,263 | 1,005 | 1,582 |
| Dil. EPS (INR) | 5.2 | 6.5 | (20.1) | 4.3 | 20.3 | 24.8 | 19.7 | 31.0 |
| Book Value (INR) | | | | | | 300 | 306 | 321 |
| Price/Book (x) | | | | | | 3.0 | 2.9 | 2.8 |
| Price/Earnings (x) |) | | | | | 36.2 | 45.5 | 28.9 |

| Stoc | k N | lifty | Fir | anks and nancial ces Index |
|----------|--|--|---|--|
| ORMAN | NCE (%) | | | |
| | | : | | NIL |
| | 35.7 | | 5.8 | 8.4 |
| | 28.8 | 3 | 0.6 | 21.0 |
| BK's | 35.5 | 3 | 3.5 | 10.2 |
| | - | | - | 60.4 |
| (| Current | Q2 | FY18 | Q1FY18 |
| | , | • | | |
| | , | | - ' | |
| , , | | | | 713 |
| • • | • | | | 9 / 8/0 |
| | 2) | : | | |
| | | : | | |
| TA (R: | MCEIq | | | • |
| ive to f | viarket | | Over | weight |
| | | tor | | |
| | | | | erperform |
| ating | | | HOL | D |
| | Relative to I ATA (R: Inge (INI In | cive to Sector Relative to Market Relative to Marke | cive to Sector Relative to Sector Relative to Sector Relative to Market ATA (R: MCEIqf.BO, | Current Curr |

Kunal Shah +91 22 4040 7579 kunal.shah@edelweissfin.com

(17.9)

(22.6)

5.6

27.9

6.2

36.0

Prakhar Agarwal +91 22 6620 3076

3 months

12 months

prakhar.agarwal@edelweissfin.com

January 16, 2018

Table 1: Key takeaways from Q3FY18 earnings

| (INR mn) | Q3FY18 | Q3FY17 | YoY (%) | Q2FY18 | QoQ (%) | Comments |
|---|--------|--------|---------|--------|---------|--|
| Revenues | 748 | 998 | (25.0) | 898 | (16.7) | Subdued in nature following softer transaction revenue and lower other income |
| Expenses | 469 | 493 | (4.9) | 462 | 1.6 | |
| - Employee Benefits Expense | 169 | 198 | (14.6) | 178 | (5.4) | |
| - Software Support Charges and Product License Fees | 120 | 112 | 7.8 | 127 | (4.9) | |
| - Other Expenses | 180 | 184 | (2.2) | 157 | 14.8 | Target is to limit other expenses at prior year levels |
| EBIDTA | 279 | 504 | (44.7) | 436 | (36.1) | |
| - Finance Costs | - | 0 | NA | - | NA | |
| - D&A Expense | 35 | 45 | (23.1) | 48 | (28.1) | |
| Profit before Tax | 244 | 459 | (46.7) | 388 | (37.1) | |
| Tax Expenses | 66 | 119 | (44.4) | 105 | (36.8) | |
| Net Profit after Tax | 178 | 339 | (47.6) | 283 | (37.2) | Weak revenue momentum lead to lower than expected profitability |
| Diluted EPS (INR) | 5.2 | 6.5 | (20.1) | 4.3 | 20.3 | |
| Ratios (%) | | | | | | |
| EBITDA Margin | 37.3 | 50.6 | | 48.6 | | |
| PAT Margin | 23.8 | 34.0 | | 31.5 | | |
| Tax Rate | 27.2 | 26.0 | | 27.0 | | |
| ADTV (INR bn) | | | | | | |
| Total | 201 | 210 | (4.2) | 220 | (8.4) | Despite stable-to-rising commodity prices, FY18 YTD volumes have been modest—ADTV down 4% YoY to INR200bn (even on lower base) |
| -Gold & Silver | 45 | 63 | (29.0) | 63 | (29.7) | Recovery post demonetisation, especially in bullions, has been modest, denting overall ADTV (bullion volume down >30% YoY) |
| -Crude Oil | 50 | 54 | (8.5) | 57 | (13.5) | |
| -Agri | 5 | 4 | 4.0 | 4 | 16.1 | |
| -Others | 102 | 89 | 15.5 | 95 | 8.0 | |

Source: Company, Edelweiss research

Table 2: Volume continues to be under pressure, outlook cautious

| | • | | | | | | | | | |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|
| (INR bn) | Q3FY17 | Q4FY17 | Q1FY18 | Q2FY18 | Q3FY18 | QoQ | YoY | FY16 | FY17 | YoY |
| Average Daily Trading Volumes | 210 | 194 | 188 | 220 | 201 | (8.4) | (4.2) | 219 | 226 | 2.9 |
| -Gold | 34 | 31 | 30 | 33 | 23 | (31.7) | (32.2) | 48 | 45 | (7.1) |
| -Silver | 29 | 22 | 24 | 30 | 22 | (27.6) | (25.3) | 32 | 33 | 4.3 |
| -Crude Oil | 54 | 50 | 53 | 57 | 50 | (13.5) | (8.5) | 65 | 60 | (7.9) |
| -Agri | 4 | 6 | 4 | 4 | 5 | 16.1 | 4.0 | 5 | 5 | 13.2 |
| -Others | 89 | 86 | 77 | 95 | 102 | 8.0 | 15.5 | 69 | 82 | 19.0 |

Source: Company

Table 3: Pressure largely percolating from lower bullion volumes

| | Qty | ADTV (| Q3FY18 | ADTV (| Q3FY17 | Change in Al | OTV (YoY) | ADTV (| Q2FY18 | Change in Al | OTV (QoQ) | ADTV | FY17 | ADTV | FY16 | Change in A | DTV (YoY) |
|-----------|----------|----------|----------|----------|----------|--------------|-----------|----------|----------|--------------|-----------|----------|----------|----------|----------|-------------|-----------|
| (INR bn) | Denomina | Value | | Value | | | | Value | | | | Value | | Value | | | |
| | tion | (INR bn) | Volume | (INR bn) | Volume | Value | Volume | (INR bn) | Volume | Value | Volume | (INR bn) | Volume | (INR bn) | Volume | Value | Volume |
| Gold | 000 Kgs | 22.0 | 7,520 | 33.5 | 11,464 | (34.4) | (34.4) | 33.3 | 11,464 | (33.9) | (34.4) | 45.0 | 15,028 | 48.4 | 18,064 | (7.1) | (16.8) |
| Silver | 000 Kgs | 20.9 | 536 | 29.2 | 700 | (28.6) | (23.5) | 30.2 | 775 | (30.8) | (30.9) | 33.5 | 782 | 32.1 | 893 | 4.3 | (12.4) |
| Crude Oil | 000 BBLs | 47.8 | 13,358 | 54.3 | 16,445 | (11.9) | (18.8) | 57.4 | 18,544 | (16.7) | (28.0) | 60.2 | 19,008 | 65.4 | 23,037 | (7.9) | (17.5) |
| Copper | 000 Kgs | 18.2 | 40,721 | 17.8 | 48,399 | 2.4 | (15.9) | 17.8 | 42,858 | 2.2 | (5.0) | 17.1 | 49,101 | 17.0 | 50,034 | 0.2 | (1.9) |
| Zinc | 000 Kgs | 30.8 | 1,47,527 | 27.7 | 1,61,406 | 11.1 | (8.6) | 33.7 | 1,76,438 | (8.6) | (16.4) | 24.9 | 1,56,689 | 15.2 | 1,28,582 | 63.2 | 21.9 |
| Lead | 000 Kgs | 15.8 | 97,988 | 14.4 | 98,865 | 10.0 | (0.9) | 16.2 | 1,07,186 | (2.3) | (8.6) | 12.9 | 95,585 | 11.4 | 98,183 | 13.4 | (2.6) |
| Nickel | 000 Kgs | 11.4 | 15,054 | 6.9 | 9,436 | 65.1 | 59.5 | 9.4 | 13,658 | 21.1 | 10.2 | 7.4 | 10,980 | 8.9 | 12,893 | (16.0) | (14.8) |

Source: Company

Table 4: Commodity-wise ADTV assumptions

| | FY17 | FY18E | FY19E | FY20E |
|--------------------------------|----------|----------|----------|----------|
| SILVER | | | | |
| Avg daily volume (INR bn) | 33 | 25 | 33 | 44 |
| Vol (kgs) | 782 | 642 | 802 | 1,002 |
| Avg price (INR) | 42,558 | 39,579 | 41,558 | 43,636 |
| Proportion of total volume (%) | 14.8 | 11.9 | 12.3 | 12.7 |
| GOLD | | | | |
| Avg daily volume (INR bn) | 45 | 30 | 38 | 48 |
| Vol (gms) | 15,028 | 10,520 | 12,624 | 15,148 |
| Avg price (INR) | 29,694 | 28,951 | 30,399 | 31,919 |
| Proportion of total volume (%) | 19.8 | 14.2 | 14.1 | 14.0 |
| COPPER | | | | |
| Avg daily volume (INR bn) | 17 | 17 | 23 | 30 |
| Vol (kgs) | 49 | 42 | 52 | 65 |
| Avg price (INR) | 3.5 | 4.2 | 4.4 | 4.6 |
| Proportion of total volume (%) | 7.6 | 8.2 | 8.5 | 8.7 |
| CRUDE OIL | | | | |
| Avg daily volume (INR bn) | 61 | 56 | 75 | 98 |
| Vol ('000 bbls) | 19 | 17 | 20 | 24 |
| Avg price (INR) | 32.2 | 34.2 | 37.6 | 41.3 |
| Proportion of total volume (%) | 27.2 | 26.4 | 27.5 | 28.5 |
| ZINC | | | | |
| Avg daily volume (INR bn) | 25 | 31 | 38 | 49 |
| Vol (kgs) | 1,56,689 | 1,52,771 | 1,83,326 | 2,19,991 |
| Avg price (INR) | 1.6 | 2.0 | 2.1 | 2.2 |
| Proportion of total volume (%) | 11.1 | 14.3 | 14.2 | 14.1 |
| LEAD | | | | |
| Avg daily volume (INR bn) | 13 | 15 | 19 | 24 |
| Vol (kgs) | 95,585 | 1,00,365 | 1,20,438 | 1,44,525 |
| Avg price (INR) | 1.4 | 1.5 | 1.6 | 1.7 |
| Proportion of total volume (%) | 5.7 | 7.1 | 7.0 | 7.0 |
| NICKEL | | | | |
| Avg daily volume (INR bn) | 7 | 10 | 12 | 16 |
| Vol (kgs) | 10,980 | 13,725 | 16,470 | 19,764 |
| Avg price (INR) | 6.8 | 7.1 | 7.5 | 7.9 |
| Proportion of total volume (%) | 3.3 | 4.6 | 4.6 | 4.5 |
| AGRI | 5.3 | 6.4 | 7.6 | 9.1 |
| Proportion of total volume (%) | 2.3 | 3.0 | 2.8 | 2.7 |
| OTHERS | 18.6 | 22.3 | 24.5 | 26.9 |
| Proportion of total volume (%) | 8.2 | 10.4 | 9.0 | 7.8 |
| TOTAL | 226 | 214 | 271 | 345 |

Source: Company, Edelweiss research

| Financial snapshot | | | | | | | | (INR mn) |
|--------------------------|--------|--------|----------|--------|----------|-------|-------|----------|
| Year to March | Q3FY18 | Q3FY17 | % change | Q2FY18 | % change | YTD18 | FY18E | FY19E |
| Net revenues | 748 | 998 | (25.0) | 898 | (16.7) | 2,515 | 3,516 | 4,512 |
| Employee expenses | 169 | 198 | (14.6) | 178 | (5.4) | 525 | 734 | 842 |
| Software support charges | 120 | 112 | 7.8 | 127 | (4.9) | 361 | 445 | 508 |
| Other expenses | 180 | 184 | (2.2) | 157 | 14.8 | 505 | 741 | 771 |
| Total expenditure | 469 | 493 | (4.9) | 462 | 1.6 | 1,391 | 1,920 | 2,120 |
| EBITDA | 279 | 504 | (44.7) | 436 | (36.1) | 1,124 | 1,596 | 2,392 |
| Depreciation | 35 | 45 | (23.1) | 48 | (28.1) | 131 | 201 | 195 |
| Interest | | | | | | | 2 | 2 |
| PBT before exceptionals | 244 | 459 | (46.7) | 388 | (37.1) | 994 | 1,395 | 2,198 |
| Tax | 66 | 119 | (44.4) | 105 | (36.8) | 270 | 391 | 615 |
| PAT | 178 | 339 | (47.6) | 283 | (37.2) | 724 | 1,005 | 1,582 |
| Diluted EPS (INR) | 5.2 | 6.5 | (20.1) | 4.3 | 20.3 | 20.5 | 19.7 | 31.0 |
| EBITDA margin | 37.3 | 50.6 | | 48.6 | | 44.7 | 45.4 | 53.0 |
| PAT margin | 23.8 | 34.0 | | 31.5 | | 28.8 | 28.6 | 35.1 |
| Employee cost/revenues | 22.6 | 19.8 | | 19.9 | | 20.9 | 20.9 | 18.7 |
| Software chg./revenues | 25.6 | 11.2 | | 27.4 | | 14.3 | 12.7 | 11.3 |
| Tax rate (%) | 27.2 | 26.0 | | 27.0 | | 27.1 | 28.0 | 28.0 |
| Adj book value / share | | | | | | | 306.2 | 320.9 |
| Price/ Book (x) | | | | | | | 2.9 | 2.8 |
| Price/ Adj. book (x) | | | | | | | 2.9 | 2.8 |
| Price/ Earnings | | | | | | | 45.5 | 28.9 |

Change in Estimates

| | | FY18E | | | FY19E | | |
|----------------------|-------|-------|----------|-------|-------|----------|--|
| | New | Old | % change | New | Old | % change | Comments |
| Net revenue | 3,516 | 4,005 | (12.2) | 4,512 | 4,863 | (7.2) | |
| Operating margin | 1,596 | 2,044 | (21.9) | 2,392 | 2,696 | (11.3) | Factoring in lower than anticipated volumes and lower yields on higher competition |
| Reported PAT | 1,005 | 1,327 | (24.3) | 1,582 | 1,801 | (12.2) | |
| Operating margin (%) | 45.4 | 51.0 | | 53.0 | 55.4 | | |

Q3FY18 result concall takeaways

Advancements from regulatory perspective :

- SEBI has put up white paper (closed for comments on December 31st) relating to
 participation of Institutions including MFs, PMS etc. Management expects could be
 taken up for approval in the next SEBI board meet in February Institutional
 participation is slow to adopt to new products and hence difficult to build in volume
 growth
- SEBI announced the timeline for Universal Exchange licence, this will help *MCX to foray* into few segments (currency will most likely to be launched).
- Universal Exchange will increase the competitive intensity (few exchange will follow predatory pricing) and management stated that they are well prepared for this. On competition from other exchanges including BSE in commodity segment, the management believes that there shouldn't be any volume affect and infact the market should expand further due to competition. 3-4 years before, some peers resorted to predatory pricing but they were unsuccessful. However, aggressive pricing by new player could impact pricing strategy of MCX.
- SEBI has allowed bank subsidiary to become members of commodity exchange. Axis Securities has already come onboard and expects at least 6-7 leading bank's subsidiaries to be its member in this financial year it will provide an opportunity to add 25-30% to its distribution strength.

With respect to average daily trading volumes

- Volumes have been adversely impacted by bullion, despite good traction on energy and base metals.
- Management stated that volume is more driven by volatility than prices. As volatility in bullion was at its low, volumes dropped despite stable prices.
- Also with respect to bullions management met lot of jewelers before options launch.
 Larger participants reaped benefit of demon/GST but small-mid sized players are still shying away from the exchange.
- Contrary to belief, there hasn't been any significant change due to demonetization in terms of moving trade towards organized trading
- AIF's, though were allowed to participate, custodian agreements have not yet changed
 still most of the custodians are run by banks. Hence AIF participation has not yet picked up.
- There has been lot of volatility in base metals which will lead to increasing volumes going forward
- However, higher volatility, new option contracts and retail segment growth due to incentivisation should aid improvement going forward
- The management will approach SEBI with 4 more contracts to be launched. MCX has tied up with Thomson reuters for creation of some indices which are sectoral. It is in discussion with SEBI for permission on Index based trading for commodities
- New product in Futures approval from SEBI for deliverable contract in Brass. Rubber contracts, despite getting SEBI approval, it has decided not to start due to non conducive market condition.

With respect to opex & other income

- During the quarter, there were one-off expenses relating to deepening member engagement. Also expenses were incurred for option launch. Having said that on full year bases the management maintained that opex will trend down compared to last year.
- Other income is impacted by steep increase in bond yields (83% of the portfolio invested in debt MF is subjected to MTM).

With respect to option volumes

- Management expects that the option to future ratio should ideally be 50-60% (and should reach 15-20% within 6 months of the launch of contracts). But given the fact that the revenue is charged on premium, the company expects the contribution to be ~15-20% on a stable state basis.
- The company still doesn't have any transaction charge on options and will start only after volumes stabilize and volumes reach a particular scale.
- As delta hedging will pick up increase in options volumes will not cannibalize into the futures volumes
- Company is looking for liquidity enhancement through market making scheme in which a bid and ask would be available with specific spread always.
- Also looking to provide additional incentives for activating client and open interest buildup

Other highlights

Section 80AT – wherein CTT will be allowed to be offset against advance tax

Q2FY18 Earnings Conference Call

- The Q2FY18 was among better quarters from performance and regulatory perspective also
 - SEBI had clears options as a product, MCX received as go ahead from SEBI and will be launched in few days.
 - Will need 3-6 months which will be watched by SEBI post which full suite of option products will be launched. The company expects not to charge anything on this contract for initial period. Over the long term (3-4 years) management expect options revenue will contribute 20-25% of revenue and most of this will float to bottom line.
 - SEBI allowed AIFs and first AIF was seen trading in Q2FY18. Expect SEBI to allow MF next and expect the white paper on the same in couple of months.
 - On diamond contract the SEBI approval is expect very soon post which the company will launch the option.
- ADTV was up 17% QoQ (supported by strong growth in base metal segment, healthy
 diversified base has allowed company to capture the opportunities), basis that healthy
 growth revenue from operation was up 14%.
- Second quarter of flat cost basis , while revenue linked cost has gone up by 11% but others has gone down by 2.8% . These suggest that operating leverage will play out.
- Treasury income was soft this quarter (lower QoQ by INR40mn), which has led to lower other income
- Response from industry in AIF was very positive, having said that it takes time for product and participant to come on board. Management expect this to gain traction over next couple of quarters.
- Demonetisation and GST was rebasing of volumes but there onwards growth was good and management expects this growth to sustain.
- There are lot of things in Universal License (this may happen in anytime this financial year) . While this is fluid at this point in time but of every other asset classes the company is more keen on currency segment.
- SEBI has allowed universal members which will reduce cost for members and will allow more flexibility to members to move within various asset classes. Till the time this is satisfied, there shouldn't be a need for
- Agri business management is not going for market share, management believes there
 are some commodities which are very narrow and any domianance may call for
 regulatory intervention. As a strategy the company will look into specific areas with
 agriculture than chase overall market share.
- Blended yield fall is attributed to slight increase in volumes coming from high volume members (ALGO members), but management doesn't think this to be a cause of worry.
- Expect gold volume to go back to pre-demon level over next 2 quarters
- The realised yield is INR2.24/lakhs thus for two legs this will be 4.4/lakhs .The overall
 cost for the trade is ~INR17.5/lakhs thus balance INR13.1/lakh is regulatory and other
 cost.

- Have a vibrant GIFT city office it has shaped up very well on domestic side. Currently don't have any plans to launch anything on international side of the business.
- Will conserve the cash over next 2 years at least to a) account of competition and b) any rise in the technology cost.
- No. of members: 670 and active UCCs at 2.812mn

Company Description

MCX is a leading electronic commodity futures exchange in India. The exchange started operations in November 2003 and within eight years it has emerged the market leader in commodities future industry with 80% plus market share, leveraging on product and service innovations and effective use of technology. Well designed technology platform that ensures security, reliability, flexibility and scalable architecture with handling capacity of 40mn transactions in a day. In terms of innovation, it is the first exchange in India to launch mini contracts to cater to needs of small traders and SMEs and has initiated evening sessions to synchronise with trading hours of exchanges in London, New York and other major international markets

Investment Theme

Despite stable-to-rising commodity prices, FY18 YTD volumes have been modest—ADTV down 4% YoY to INR200bn (even on lower base). Also, option roll out has been gradual and institutional participation is awaited. Moreover, advent of universal exchange norm challenges MCX's monopoly, posing a risk to the premium multiple it commands. While taking away liquidity from MCX will not be easy for new players, predatory pricing could limit its pricing power. Despite the associated risks, the stock still trades at 23x FY20E EPS, thereby capping the upside. Hence, downgrade to 'HOLD'.

Key Risks

9

- Higher regulatory risks due to speculative nature of trades: i) Delay in implementation
 of proposed policy measures; ii) Ban on trading in certain commodities; iii) Revision in
 open position limits, higher margin requirement, CTT imposition etc
- Significant dependence on a few commodities: Top four commodities—gold, silver, crude oil and copper—accounted for more than 85% of total volumes on MCX
- Long-term pricing pressure likely in commodities futures

Financial Statements

| Year to March | FY17 | FY18E | FY19E | FY20E |
|--------------------------|-------|-------|-------|-------|
| Macro | | | | |
| GDP(Y-o-Y %) | 6.6 | 6.5 | 7.1 | 7.6 |
| Inflation (Avg) | 4.5 | 3.8 | 4.5 | 5.0 |
| Repo rate (exit rate) | 6.3 | 6.0 | 6.0 | 6.5 |
| USD/INR (Avg) | 67.1 | 64.5 | 65.0 | 66.0 |
| Sector | | | | |
| Credit growth | 9.0 | 12.0 | 14.0 | 17.0 |
| Deposit growth | 14.0 | 12.0 | 13.0 | 14.0 |
| CRR | 4.0 | 4.0 | 4.0 | 4.0 |
| SLR | 20.0 | 20.0 | 19.5 | 19.0 |
| G-sec yield | 6.5 | 6.5 | 7.0 | 7.1 |
| Company | | | | |
| Operating margin | 52.2 | 45.4 | 53.0 | 55.2 |
| Employee cost/revenues | 17.1 | 20.9 | 18.7 | 18.6 |
| Technology cost/revenues | 11.3 | 12.7 | 11.3 | 11.0 |
| Dividend tax | 17.0 | 17.0 | 17.0 | 17.0 |
| Tax rate (%) | 28.8 | 28.0 | 28.0 | 28.0 |
| Dividend payout | 45.0 | 45.0 | 45.0 | 45.0 |
| Avg Daily Trading Vol. | 225.6 | 214.0 | 271.3 | 344.9 |
| - Gold | 44.6 | 30.5 | 38.4 | 48.4 |
| - Silver | 33.3 | 25.4 | 33.3 | 43.7 |
| - Crude Oil | 61.3 | 56.5 | 74.6 | 98.4 |
| - Agri | 5.3 | 6.4 | 7.6 | 9.1 |
| - Others | 81.1 | 95.3 | 117.4 | 145.2 |
| Commission yields | 2.0 | 2.2 | 2.1 | 2.1 |
| # of members | 2,101 | 2,138 | 2,175 | 2,212 |
| # of employees | 395 | 399 | 429 | 459 |
| # of terminals | 631 | 694 | 764 | 840 |

10

| Income statement | | | | (INID 100 10) |
|--------------------------|-------|-------|-------|---------------|
| | | | | (INR mn) |
| Year to March | FY17 | FY18E | FY19E | FY20E |
| Net revenue | 3,759 | 3,516 | 4,512 | 5,325 |
| Operating expenses | 1,797 | 1,920 | 2,120 | 2,384 |
| Operating margin | 1,962 | 1,596 | 2,392 | 2,940 |
| Depreciation | 186 | 201 | 195 | 189 |
| EBIT | 1,776 | 1,395 | 2,198 | 2,751 |
| Profit Before Tax | 1,774 | 1,395 | 2,198 | 2,751 |
| PBT incl. extraor. inc. | 1,774 | 1,395 | 2,198 | 2,751 |
| Less: Provision for Tax | 512 | 391 | 615 | 770 |
| Net profit | 1,263 | 1,005 | 1,582 | 1,981 |
| Reported Profit | 1,263 | 1,005 | 1,582 | 1,981 |
| Adj. Diluted EPS (INR) | 24.8 | 19.7 | 31.0 | 38.8 |
| Dividend per share (DPS) | 11.1 | 8.9 | 14.0 | 17.5 |
| Dividend Payout Ratio(%) | 45.0 | 45.0 | 45.0 | 45.0 |
| | | | | |
| Growth ratios (%) | | | | |
| Year to March | FY17 | FY18E | FY19E | FY20E |
| | | | | |

| Glowth fatios (70) | | | | |
|--------------------------|------|--------|-------|-------|
| Year to March | FY17 | FY18E | FY19E | FY20E |
| Revenues | 7.0 | (6.5) | 28.4 | 18.0 |
| - Transaction fee growth | 13.7 | 7.0 | 23.9 | 24.2 |
| Opex growth | 12.5 | 6.9 | 10.4 | 12.5 |
| Operating margin growth | 2.3 | (18.7) | 49.9 | 22.9 |
| PBT | 6.3 | (21.4) | 57.5 | 25.2 |
| Adjusted Profit | 5.7 | (20.5) | 57.5 | 25.2 |
| | | | | |

| Operating ratios | Operating ratios | | | | | | | | | | |
|--------------------------|------------------|-------|-------|-------|--|--|--|--|--|--|--|
| Year to March | FY17 | FY18E | FY19E | FY20E | | | | | | | |
| Operating margin | 52 | 45 | 53 | 55 | | | | | | | |
| PAT margin | 34 | 29 | 35 | 37 | | | | | | | |
| Employee cost/revenues | 17 | 21 | 19 | 19 | | | | | | | |
| Technology cost/revenues | 11 | 13 | 11 | 11 | | | | | | | |
| Opex/revenues | 48 | 55 | 47 | 45 | | | | | | | |
| Tax rate | 28.8 | 28.0 | 28.0 | 28.0 | | | | | | | |

Multi Commodity Exchange of India

| Balance sheet | | | | (INR mn) |
|--------------------------|--------|--------|--------|----------|
| As on 31st March | FY17 | FY18E | FY19E | FY20E |
| Share capital | 510 | 510 | 510 | 510 |
| Net worth | 15,293 | 15,616 | 16,365 | 17,303 |
| Def. Tax Liability (net) | 75 | 83 | 95 | 110 |
| Total liabilities | 15,368 | 15,698 | 16,460 | 17,413 |
| Gross Block | 4,021 | 4,069 | 4,321 | 4,471 |
| Depreciation | 2,499 | 2,700 | 2,894 | 3,083 |
| Net Block | 1,521 | 1,369 | 1,426 | 1,387 |
| Investments | 11,948 | 12,123 | 12,673 | 13,373 |
| Cash and Equivalents | 40 | 57 | 131 | 283 |
| Sundry Debtors | 28 | 24 | 60 | 108 |
| Fixed Deposits | 3,849 | 4,024 | 4,574 | 5,324 |
| Loans & Advances | 1,219 | 1,334 | 1,423 | 1,574 |
| Other Current Assets | 51 | 62 | 74 | 89 |
| Total current assets | 5,188 | 5,501 | 6,262 | 7,377 |
| Current liabilities | 2,780 | 2,733 | 3,284 | 4,046 |
| Security Deposits | 98 | 100 | 102 | 104 |
| Networking Equip. Dep. | 4 | 4 | 4 | 4 |
| Trading Margin from Mem. | 2,256 | 2,186 | 2,713 | 3,449 |
| Other Current Liab | 422 | 443 | 465 | 489 |
| Net current assets | 2,408 | 2,768 | 2,978 | 3,332 |
| Provisions | 510 | 561 | 617 | 679 |
| Total assets | 15,368 | 15,698 | 16,460 | 17,413 |
| BVPS (INR) | 299.9 | 306.2 | 320.9 | 339.3 |

11

| Key operating metrics | | | | |
|------------------------|-------|-------|-------|-------|
| Year to March | FY17 | FY18E | FY19E | FY20E |
| Avg Daily Trading Vol. | 225.6 | 214.0 | 271.3 | 344.9 |
| - Gold | 44.6 | 30.5 | 38.4 | 48.4 |
| - Silver | 33.3 | 25.4 | 33.3 | 43.7 |
| - Crude Oil | 61.3 | 56.5 | 74.6 | 98.4 |
| - Agri | 5.3 | 6.4 | 7.6 | 9.1 |
| -Others | 81.1 | 95.3 | 117.4 | 145.2 |
| Commission yields | 2.0 | 2.2 | 2.2 | 2.1 |
| # of members | 2,101 | 2,138 | 2,175 | 2,212 |
| # of terminals | 631 | 694 | 764 | 840 |
| | | | | |

Valuation parameters

| Year to March | FY17 | FY18E | FY19E | FY20E |
|------------------------|-------|--------|-------|-------|
| Adj. Diluted EPS (INR) | 24.8 | 19.7 | 31.0 | 38.8 |
| Y-o-Y growth (%) | 5.7 | (20.5) | 57.5 | 25.2 |
| BV per share (INR) | 299.9 | 306.2 | 320.9 | 339.3 |
| ROAE (%) | 8.4 | 6.5 | 9.9 | 11.8 |
| Diluted P/E (x) | 36.2 | 45.5 | 28.9 | 23.1 |
| P/B (x) | 3.0 | 2.9 | 2.8 | 2.6 |
| Dividend Yield (%) | 1.2 | 1.0 | 1.6 | 2.0 |

Peer comparison valuation

| | Market cap | Diluted P/ | 'E (X) | P/B (X) | | ROAE (%) | |
|--|------------|------------|--------|---------|-------|----------|-------|
| Name | (USD mn) | FY18E | FY19E | FY18E | FY19E | FY18E | FY19E |
| Multi Commodity Exchange of India | 713 | 45.5 | 28.9 | 2.9 | 2.8 | 6.5 | 9.9 |
| Dewan Housing Finance | 2,949 | 16.3 | 14.0 | 2.2 | 2.0 | 14.2 | 15.1 |
| HDFC | 46,119 | 36.4 | 31.3 | 6.7 | 6.1 | 19.4 | 20.5 |
| Indiabulls Housing Finance | 8,014 | 14.9 | 12.4 | 3.9 | 3.4 | 27.3 | 29.2 |
| LIC Housing Finance | 4,363 | 14.8 | 12.6 | 2.2 | 1.9 | 17.4 | 18.0 |
| Mahindra & Mahindra Financial Services | 4,638 | 45.3 | 27.5 | 3.4 | 3.1 | 8.5 | 11.7 |
| Manappuram General Finance | 1,551 | 12.6 | 11.1 | 2.8 | 2.4 | 23.5 | 23.4 |
| Muthoot Finance | 2,739 | 11.2 | 10.5 | 2.3 | 2.0 | 22.1 | 20.0 |
| Power Finance Corp | 4,988 | 4.7 | 4.6 | 0.8 | 0.7 | 17.8 | 16.2 |
| Repco Home Finance | 650 | 18.7 | 15.7 | 3.1 | 2.6 | 18.0 | 18.2 |
| Rural Electrification Corporation | 4,748 | 5.6 | 5.1 | 0.8 | 0.7 | 15.3 | 15.2 |
| Shriram City Union Finance | 2,130 | 16.8 | 11.8 | 2.4 | 2.1 | 15.1 | 18.7 |
| Shriram Transport Finance | 5,353 | 20.3 | 12.3 | 2.7 | 2.3 | 14.2 | 20.1 |
| Median | - | 16.3 | 12.4 | 2.7 | 2.3 | 17.4 | 18.2 |
| AVERAGE | - | 20.2 | 15.2 | 2.6 | 2.3 | 16.9 | 18.2 |

Source: Edelweiss research

Additional Data

Directors Data

| Saurabh Chandra | Chairman | Mrugank M. Paranjape | Managing Director & Chief Executive Officer |
|------------------------|----------|----------------------|---|
| S. K. Mitra | Director | M. Govinda Rao | Director |
| Prithvi Haldea | Director | Arun Bhargava | Director |
| Shankar Aggarwal | Director | Amit Goela | Director |
| Madhu Vadera Jayakumar | Director | Padma Raghunathan | Director |
| Hemang Raja | Director | C. Jayaram | Director |
| Arun Nanda | Director | | |

Auditors - Shah Gupta & Co.

*as per last annual report

Holding - Top 10

| The same of the sa | | | |
|--|---------------|-----------------------|------|
| | Perc. Holding | | |
| Kotak Mahindra | 15.00 | Jhunjhunwala Rakesh | 3.92 |
| Axis Asset Management | 3.03 | Tiaa-Cref | 2.70 |
| Reliance Capital Trustee | 2.41 | Goldman Sachs | 2.38 |
| Baron Emerging Mrkts Fund | 2.01 | IDFC Mutual Fund | 1.96 |
| Baron Capital | 1.93 | J P Morgan Chase & Co | 1.87 |

*as per last available data

Bulk Deals

| Data | Acquired / Seller | B/S | Qty Traded | Price | |
|-------------------|-------------------|-----|------------|-------|--|
| | | | | | |
| No Data Available | | | | | |

*in last one year

Insider Trades

| Reporting Data | Acquired / Seller | B/S | Qty Traded |
|-------------------|-------------------|-----|------------|
| | | | |
| No Data Available | | | |

*in last one year



| Company | Absolute | Relative | Relative | Company | Absolute | Relative | Relative |
|-----------------------------------|----------|----------|----------|--|----------|----------|----------|
| Company | | | | Company | | | |
| | reco | reco | risk | | reco | reco | Risk |
| Allahabad Bank | HOLD | SU | M | Axis Bank | HOLD | SP | M |
| Bajaj Finserv | HOLD | SP | L | Bank of Baroda | BUY | SP | М |
| Bharat Financial Inclusion | BUY | SO | M | Capital First | BUY | SO | M |
| DCB Bank | HOLD | SP | M | Dewan Housing Finance | BUY | SO | M |
| Equitas Holdings Ltd. | BUY | SO | М | Federal Bank | BUY | SP | L |
| HDFC | HOLD | SP | L | HDFC Bank | BUY | SO | L |
| ICICI Bank | BUY | SO | L | IDFC Bank | HOLD | SP | L |
| Indiabulls Housing Finance | BUY | SP | M | IndusInd Bank | BUY | SP | L |
| Karnataka Bank | BUY | SP | M | Kotak Mahindra Bank | HOLD | SP | M |
| L&T FINANCE HOLDINGS LTD | BUY | SO | M | LIC Housing Finance | BUY | SP | M |
| Magma Fincorp | BUY | SP | M | Mahindra & Mahindra Financial Services | HOLD | SP | M |
| Manappuram General Finance | BUY | SO | Н | Max Financial Services | BUY | SO | L |
| Multi Commodity Exchange of India | BUY | SP | M | Muthoot Finance | BUY | SO | M |
| Oriental Bank Of Commerce | HOLD | SP | L | Power Finance Corp | BUY | SO | M |
| Punjab National Bank | BUY | SP | М | Reliance Capital | BUY | SP | M |
| Repco Home Finance | BUY | SO | М | Rural Electrification Corporation | BUY | SO | M |
| Shriram City Union Finance | BUY | SO | M | Shriram Transport Finance | BUY | SO | L |
| South Indian Bank | BUY | SP | М | State Bank of India | BUY | SP | L |
| Union Bank Of India | HOLD | SP | М | Yes Bank | BUY | SO | М |

| ABSOLUTE RATING | | |
|-----------------|--|--|
| Ratings | Expected absolute returns over 12 months | |
| Buy | More than 15% | |
| Hold | Between 15% and - 5% | |
| Reduce | Less than -5% | |

| RELATIVE RETURNS RATING | | | | |
|----------------------------|-------------------------------------|--|--|--|
| Ratings | Criteria | | | |
| Sector Outperformer (SO) | Stock return > 1.25 x Sector return | | | |
| Sector Performer (SP) | Stock return > 0.75 x Sector return | | | |
| | Stock return < 1.25 x Sector return | | | |
| Sector Underperformer (SU) | Stock return < 0.75 x Sector return | | | |

| RELATIVE RISK RATING | | | |
|----------------------|---------------------------------------|--|--|
| Ratings | Criteria | | |
| Low (L) | Bottom 1/3rd percentile in the sector | | |
| Medium (M) | Middle 1/3rd percentile in the sector | | |
| High (H) | Top 1/3rd percentile in the sector | | |

Risk ratings are based on Edelweiss risk model

| SECTOR RATING | | |
|------------------|-------------------------------------|--|
| Ratings | Criteria | |
| Overweight (OW) | Sector return > 1.25 x Nifty return | |
| Equalweight (EW) | Sector return > 0.75 x Nifty return | |
| | Sector return < 1.25 x Nifty return | |
| Underweight (UW) | Sector return < 0.75 x Nifty return | |

13



Edelweiss Securities Limited, Edelweiss House, off C.S.T. Road, Kalina, Mumbai – 400 098.

Board: (91-22) 4009 4400, Email: research@edelweissfin.com

Aditya Narain

Head of Research

aditya.narain@edelweissfin.com

Coverage group(s) of stocks by primary analyst(s): Banking and Financial Services

Allahabad Bank, Axis Bank, Bharat Financial Inclusion, Bajaj Finserv, Bank of Baroda, Capital First, DCB Bank, Dewan Housing Finance, Equitas Holdings Ltd., Federal Bank, HDFC, HDFC Bank, ICICI Bank, IDFC Bank, Indiabulls Housing Finance, IndusInd Bank, Karnataka Bank, Kotak Mahindra Bank, LIC Housing Finance, L&T FINANCE HOLDINGS LTD, Max Financial Services, Multi Commodity Exchange of India, Manappuram General Finance, Magma Fincorp, Mahindra Financial Services, Muthoot Finance, Oriental Bank Of Commerce, Punjab National Bank, Power Finance Corp, Reliance Capital, Rural Electrification Corporation, Repco Home Finance, State Bank of India, Shriram City Union Finance, Shriram Transport Finance, South Indian Bank, Union Bank Of India, Yes Bank

Recent Research

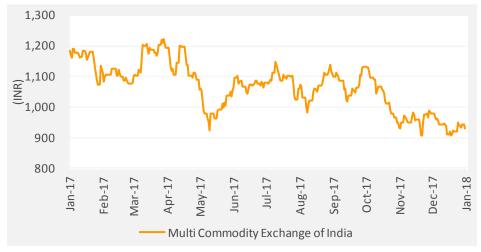
| Date | Company | Title | Price (INR) | Recos |
|-----------|-------------------|---|-------------|-------|
| 15-Jan-17 | Federal Bank | Growth sustained; retail slippages singe asset qual Result Update | 114 ity; | Buy |
| 15-Jan-17 | Karnataka Bank | Growth spurts; asset qual steady; Result Update | ity 167 | Buy |
| 13-Jan-18 | BFSI | IDFC Bank - Capital First merger: A win-win proposition; Sector Updat | re | |

Distribution of Ratings / Market Cap Edelweiss Research Coverage Universe Buy Hold Reduce Total Rating Distribution* 161 67 240 11 * 1stocks under review Between 10bn and 50 bn > 50bn < 10bn Market Cap (INR) 156 62 11

Rating Interpretation

| Buy appreciat | e more than 15% over a 12-month period |
|-----------------------|--|
| | |
| Hold appreciat | e up to 15% over a 12-month period |
| Reduce depreciat | e more than 5% over a 12-month period |

One year price chart



DISCLAIMER

Edelweiss Securities Limited ("ESL" or "Research Entity") is regulated by the Securities and Exchange Board of India ("SEBI") and is licensed to carry on the business of broking, depository services and related activities. The business of ESL and its Associates (list available on www.edelweissfin.com) are organized around five broad business groups — Credit including Housing and SME Finance, Commodities, Financial Markets, Asset Management and Life Insurance.

This Report has been prepared by Edelweiss Securities Limited in the capacity of a Research Analyst having SEBI Registration No.INH200000121 and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. Securities as defined in clause (h) of section 2 of the Securities Contracts (Regulation) Act, 1956 includes Financial Instruments and Currency Derivatives. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in Securities referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ESL and associates / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. ESL reserves the right to make modifications and alterations to this statement as may be required from time to time. ESL or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. ESL is committed to providing independent and transparent recommendation to its clients. Neither ESL nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future performance. The disclosures of interest statements incorporated in this report are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. The information provided in these reports remains, unless otherwise stated, the copyright of ESL. All layout, design, original artwork, concepts and other Intellectual Properties, remains the property and copyright of ESL and may not be used in any form or for any purpose whatsoever by any party without the express written permission of the copyright holders.

ESL shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the ESL to present the data. In no event shall ESL be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the ESL through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

ESL and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the Securities, mentioned herein or (b) be engaged in any other transaction involving such Securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. ESL may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with ESL.

ESL or its associates may have received compensation from the subject company in the past 12 months. ESL or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. ESL or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. ESL or its associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. ESL or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or ESL's associates may have financial interest in the subject company. ESL and/or its Group Companies, their Directors, affiliates and/or employees may have interests/ positions, financial or otherwise in the Securities/Currencies and other investment products mentioned in this report. ESL, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

ESL has financial interest in the subject companies: No

ESL's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

ESL has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by ESL on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years except that ESL had submitted an offer of settlement with Securities and Exchange commission, USA (SEC) and the same has been accepted by SEC without admitting or denying the findings in relation to their charges of non registration as a broker dealer.

A graph of daily closing prices of the securities is also available at www.nseindia.com

Analyst Certification:

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Additional Disclaimers

Disclaimer for U.S. Persons

This research report is a product of Edelweiss Securities Limited, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Edelweiss Securities Limited only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Edelweiss Securities Limited has entered into an agreement with a U.S. registered broker-dealer, Edelweiss Financial Services Inc. ("EFSI"). Transactions in securities discussed in this research report should be effected through Edelweiss Financial Services Inc.

Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 ("FSMA").

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons").

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

Disclaimer for Canadian Persons

This research report is a product of Edelweiss Securities Limited ("ESL"), which is the employer of the research analysts who have prepared the research report. The research analysts preparing the research report are resident outside the Canada and are not associated persons of any Canadian registered adviser and/or dealer and, therefore, the analysts are not subject to supervision by a Canadian registered adviser and/or dealer, and are not required to satisfy the regulatory licensing requirements of the Ontario Securities Commission, other Canadian provincial securities regulators, the Investment Industry Regulatory Organization of Canada and are not required to otherwise comply with Canadian rules or regulations regarding, among other things, the research analysts' business or relationship with a subject company or trading of securities by a research analyst.

This report is intended for distribution by ESL only to "Permitted Clients" (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). If the recipient of this report is not an Ontario Permitted Client, as specified above, then the recipient should not act upon this report and should return the report to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any Canadian person.

ESL is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) ESL is not registered in the Province of Ontario to trade in securities nor is it registered in the Province of Ontario to provide advice with respect to securities; (ii) ESL's head office or principal place of business is located in India; (iii) all or substantially all of ESL's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against ESL because of the above; and (v) the name and address of the ESL's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario M5J 2T3 Canada.

Disclaimer for Singapore Persons

In Singapore, this report is being distributed by Edelweiss Investment Advisors Private Limited ("EIAPL") (Co. Reg. No. 201016306H) which is a holder of a capital markets services license and an exempt financial adviser in Singapore and (ii) solely to persons who qualify as "institutional investors" or "accredited investors" as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Pursuant to regulations 33, 34, 35 and 36 of the Financial Advisers Regulations ("FAR"), sections 25, 27 and 36 of the Financial Advisers Act, Chapter 110 of Singapore shall not apply to EIAPL when providing any financial advisory services to an accredited investor (as defined in regulation 36 of the FAR. Persons in Singapore should contact EIAPL in respect of any matter arising from, or in connection with this publication/communication. This report is not suitable for private investors.

Copyright 2009 Edelweiss Research (Edelweiss Securities Ltd). All rights reserved

Access the entire repository of Edelweiss Research on www.edelresearch.com