Ambuja Cements Ltd.

Targeting total cost to reduce by INR530/t by FY28E

Ambuja Cements Ltd. Q1FY25 volumes came at INR9.3mnt, down 2.1% QoQ but up 2.4% YoY, driven by high acceptance of premium products and Offering value added solutions beyond cement. Revenue for quarter came at INR45,157mn, down 5.5% QoQ and 4.5% YoY. Company had achieved above 79% utilization for Q1FY25. EBITDA/t for the quarter came at INR695/t, down 17.3% QoQ and 33.5% YoY. The decline in EBITDA/t was mainly led by lower realizations. Realization lower by 7% (INR249 vs INR267/bag) mainly due to election and tepid demand. PAT for quarter stood at INR5,707mn, up 7.2% QoQ but down 11.5% YoY. The QoQ spike in PAT is led by higher other income. EPS for the quarter was INR2.3.

- Expansion Plan: The company is currently undergoing a continuous expansion of its cement capacity by 23.4MTPA, with projects under execution expected to be completed by FY26E. Additionally, the board has approved an additional cement capacity expansion of 41 MTPA, targeted for completion by FY28E, which will bring the total capacity to 140 MTPA. Brownfield expansions at 14 sites are progressing well as planned, with a clinker facility of 11 MTPA and a cement capacity of 23.4 MTPA. As part of this, a 4 MTPA clinker line (Line 3) at Bhatapara in Chhattisgarh is expected to be completed by Q4FY25E, while a 6.4MTPA grinding facility (comprising 2.4MTPA at Sankrail, 2.4MTPA at Farakka, and 1.6MTPA at Sindri) is expected between Q3E and Q4FY25E. Additionally, preoperative work for a 28 MTPA grinding facility and a 22MTPA clinker facility is underway, with land acquisitions and statutory approvals currently in progress. This strategic roadmap aims to achieve a total capacity of 112 MTPA by FY26E and 140 MTPA by FY28E.
- Targeting total cost/t to reduce by 500-530/t by FY28E: Ambuja Cement is implementing various initiatives aimed at reducing its total cost/t by INR500-530/t by FY28E. The company is focusing on increasing the share of WHRS in its energy mix. As of September 2022, the WHRS capacity was 40MW, which the company plans to increase to 186MW by the end of FY25E. Currently, the WHRS capacity stands at 165MW. The share of green power, currently at 18.4%, is expected to improve to approximately 31% by FY25E and 60% by FY28E. This shift to greener energy sources is projected to reduce the overall cost of power by 33%, which will positively impact EBITDA. Specifically, the power cost is expected to decrease by INR90/t by FY28E. Additionally, the company is focusing on reducing freight and forwarding costs. To achieve this, they are targeting three key areas: reducing heat dispersion, optimizing warehouse operations, and improving railroad mix efficiency. One of their specific goals is to reduce the average primary road lead distance by approximately 100 km over time.

Valuation and Outlook: The GDP is expected to grow at a rate of 7-9% in FY25E, while cement demand is anticipated to rise by 8-9%, which is 1.2 times higher than the rate of capacity expansion. Ambuja Cement aims to reduce its total cost per ton by INR 530/t by FY28E. This goal is driven by substantial investments in green power initiatives, including WHRS, solar, and wind energy, as well as enhancements in alternative fuel and raw material (AFR) management, railway infrastructure, and fly ash handling systems. These strategic efforts are expected to significantly boost the company's profitability. The Government plans to invest approximately USD 3 trillion in infrastructure and housing development through ongoing initiatives like the 'Housing for All' scheme, the National Infrastructure plan, and the PM Gati Shakti National Master Plan. Additionally, the Budget for FY25E includes an allocation of Rs. 11.11 lakh crore for capital expenditure, which represents 3.4% of GDP. We expect Revenue/EBITDA to grow at a CAGR of 8.9%/22.5% respectively over FY24-FY26E. We value ACEM on a SoTP basis to arrive at a TP of INR707 by assigning 22.0x on FY26E EBITDA, downgrading our rating to **REDUCE.**

Financial Snapshot

Quarter end: March	CY21	FY23	FY24	FY25E	FY26E
Revenue (INR Mn.)	1,39,790	1,99,854	1,79,193	1,86,176	2,12,534
EBITDA (INR Mn.)	32,152	32,204	33,708	35,723	50,604
EBITDA Margins (%)	23.0	16.1	18.8	19.2	23.8
РАТ	20,832	25,535	23,347	26,520	34,839
PAT Margins (%)	14.9	12.8	13.0	14.2	16.4
EPS	10.5	12.9	10.6	12.1	15.9

Source: Company, CEBPL

Reduce

Choice

	Aug 01, 2024
CMP (Rs.)	680
Target Price (Rs.)	707
Potential Upside (%)	3.9

Company Info

BB Code	ACEM IN EQUITY
ISIN	INE079A01024
Face Value (Rs.)	2.0
52 Week High (Rs.)	706.9
52 Week Low (Rs.)	404.0
Mkt Cap (Rs bn)	1,674.3
Mkt Cap (\$ bn)	20.0
Shares o/s (Mn)/F.Float	2,463.1/33
FY24 EPS (Rs.)	10.6
FY26E EPS(Rs.)	15.9

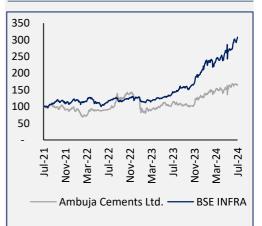
Shareholding Pattern (%)

	Jun-24	Mar-24	Dec-23
Promoters	70.33	66.74	63.19
FII's	9.59	11.09	11.88
DII's	13.03	14.24	15.56
Public	7.05	7.93	9.37

Relative Performance (%)

YTD	3Y	2Y	1Y
BSEINFRA	207.7	168.4	112.4
Ambuja	65.4	81.6	46.9

Rebased Price Performance



Ashutosh Murarka, Associate

Email: ashutosh.murarka@choiceindia.com Ph: +91 22 6707 9442

Find (Choice Equity Broking Pvt. Ltd.—Research Analyst] [NH CHB] | Capital IQ | Email: institutional.equities@choiceindia.com | Ph: +91 22 6707 9919

Sequential Operating Performance

Operating Metrics INR/t	4QFY23	1QFY24	2QFY24	3QFY24	4QFY24	1QFY25
Blended Realisation	5,255	5,209	5,237	5,414	5,032	4,856
Raw Material Cost	443	522	491	473	429	582
Employee Cost	207	144	197	167	139	149
Power & Fuel Cost	1,277	1,290	1,274	1,047	934	978
Freight & Handling Expense	1,151	1,153	1,125	1,114	1,102	1,095
Other Expenses	572	605	663	673	550	459
Total Costs	4,282	4,164	4,217	4,376	4,192	4,161
EBITDA	973	1,045	1,020	1,038	840	695

Source: Company, CEBPL

CEBPL Estimates vs Actual for Q1FY25

Ambuja (INR Mn.)	Q1FY25	Q1FY24	YoY(%)	Q4FY24	QoQ (%)	CEBPL Est.	Dev. (%)
Volumes	9.3	9.08	2.4	9.50	(2.1)	9.1	2.2
Revenues	45,158	47,297	(4.5)	47,803	(5.5)	44,789	0.8
Freight Exp	5,414	4,743	14.2	4,075	32.9		
Power and Fuel Cost	9,099	11,715	(22.3)	8,878	2.5		
Employee Exp	10,181	10,465	(2.7)	10,465	(2.7)		
EBITDA (INR Mn.)	6,460	9,486	(31.9)	7,978	(19.0)	7,047	(8.3)
EBITDA Margin (%)	14.3	20.1	(575)bps	16.7	(238)bps	15.7	(139)bps
Depreciation	2,450	2,319	5.7	2,440	0.4		
EBIT (INR Mn.)	4,010	7,167	(44.1)	5,538	(27.6)	4,773	(16.0)
EBIT Margin (%)	8.9	15.2	(627)bps	11.6	(271)bps	10.7	(182)bps
Other Income	4203	1895	121.9	1768	137.7		
Interest	409	396	3.2	338	20.9		
PBT	7675	8,665	(11.4)	6,810	12.7		
Тах	1969	2216	(11.2)	1487	32.4		
PAT (INR Mn.)	5,707	6,449	(11.5)	5,323	7.2	5,081	12.3
Basic EPS (INR)	2.3	3.2		2.4	(4.3)	2.6	

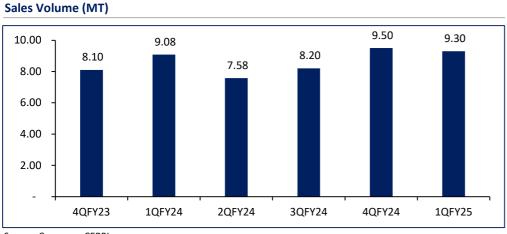
	Q1FY25	Q1FY24	YoY (%)	Q4FY24	QoQ (%)
NSR /t	4,856	5,209	(6.8)	5,032	(3.5)
Cement Cost /t	4,161	4,164	(0.1)	4,192	(0.7)
EBITDA/t	695	1,045	(33.5)	840	(17.3)

Source: Company, CEBPL

Change in estimates

Income Statement		FY25E		FY26E			
(INR Mn.)	Old	New	Dev. (%)	Old	New	Dev. (%)	
Revenues	1,77,908	1,86,176	4.6	2,02,879	2,12,534	4.8	
Gross Profit Margin (%)	70.9	72.9	200 bps	72.7	75.9	322 bps	
EBIT	33,401	35,723	7.0	43,160	50,604	17.2	
EBIT Margin (%)	18.7	19.2	49 bps	21.3	23.8	251 bps	
EPS	11.1	12.1	8.7	14.5	15.9	9.3	

Source: Company, CEBPL



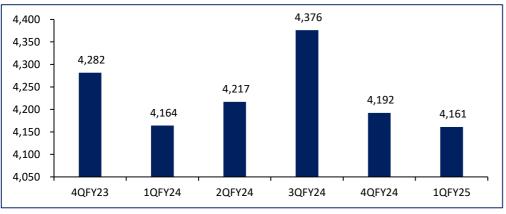
Source: Company, CEBPL

Sales Realisation Rs. per Tonne



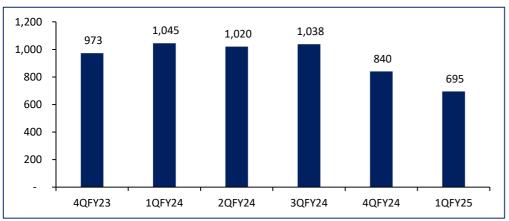
Source: Company, CEBPL

Total Costs per Tonne



Source: Company, CEBPL

EBITDA per Tonne



Source: Company, CEBPL

Management Call - Highlights

- The dealer network expanded, and blended cement sales volumes were maintained at 86%. Moreover, premium products as a percentage of trade volume increased by 200 basis points to 24%.
- The recent acquisition of Penna Cement is an excellent strategic move for ACEM for several reasons: 1) it significantly boosts ACEM's market share in South India, bringing it closer to the industry leader, UltraTech Cement; 2) it provides an alternative to organic expansion in the South and enhances ACEM's presence in North India; 3) it presents a unique opportunity to increase the share of low-cost sea logistics and strengthen coastal cement distribution by leveraging the parent group's expertise. Having completed two acquisitions at attractive valuations (Sanghi Industries at an effective USD 73/t and Penna at an effective USD 78/t), ACEM is open to exploring further deals, but will avoid being a desperate buyer.
- Increased linkage coal volumes and improved coal production from the Gare Palma captive coal mine have led to a 17% reduction in consolidated kiln fuel costs, decreasing from Rs. 2.08 to Rs. 1.73 per 1,000 Kcal.
- The integration of the recently acquired Tuticorin GU and the soon-to-beclosed Penna Cement is expected to enhance market share, boost overall profitability, and improve Return on Capital Employed (RoCE).
- Net worth increased by INR86,200mn during the quarter, reaching INR594bn, while the company remains debt-free.
- As of June 30th, consolidated cash and cash equivalents amounted to INR893bn. Approximately INR 60bn have been utilized, including INR 33bn for organic and inorganic growth initiatives, such as the Tuticorin grinding unit acquisition, ongoing CapEx programs, and the Penna acquisition.
- The share of Alternative Fuel Resources (AFR) in the fuel mix has improved to 9.3% from 7%, while the share of Waste Heat Recovery Systems (WHRS) in the power mix has increased to 15.1% from 11.5%.
- For Ambuja (consolidated) business level working capital stands at 30 days reflecting agility in unblocking the funds in inventory and receivables.
- The lead distance in the current quarter was 270 km compared to 275 km previously. To further optimize logistics costs, 11 GPWIS rakes have been ordered, with 9 already delivered and the remaining expected by the end of Q2FY25E.

Choice

Financial Summary (in INR Mn.)

Income Statement (INR Mn.)	СҮ21	FY23	FY24	FY25E	FY26E
Revenue	1,39,790	1,99,854	1,79,193	1,86,176	2,12,534
Gross profit	1,28,236	1,72,211	1,37,878	1,35,640	1,61,386
EBITDA	32,152	32,204	33,708	35,723	50,604
Depreciation	5,517	8,324	9,380	10,640	11,840
EBIT	29,446	33,403	32,855	36,473	46,491
Other income	2,812	9,523	8,526	11,391	7,727
Interest expense	910	1,280	1,623	846	342
PAT	20,832	25,535	23,347	26,520	34,839
EPS (INR)	10.5	12.9	10.6	12.1	15.9

Balance Sheet (INR Mn.)	CY21	FY23	FY24	FY25E	FY26E
Tangible fixed assets	76,708	86,198	85,686	1,15,046	1,23,205
Capital Work in Progress	9,514	8,419	15,485	15,485	15,485
Investments	1,17,986	1,17,759	1,40,581	1,56,388	1,78,529
Cash & Cash equivalents	41,692	25,331	88,334	53,717	46,061
Loans & Advances and Other Assets	18,339	99,293	88,130	92,157	1,07,330
Net Working Capital	6,132	6,332	8,549	12,315	16,207
Total assets	2,70,371	3,43,330	4,26,765	4,45,108	4,86,817
Shareholder's funds	2,22,049	2,85,055	3,70,065	3,96,585	4,31,424
Borrowings	2,137	2,181	2,693	2,793	3,188
Total Debt	435	342	189	-	-
Other Liabilities & Provisions	45,749	55,752	53,818	45,730	52,204
Total equity & liabilities	2,70,371	3,43,330	4,26,765	4,45,108	4,86,817
Capital Employed	2,22,484	2,85,398	3,70,254	3,96,585	4,31,424
Invested Capital	1,71,278	2,51,648	2,66,435	3,27,383	3,69,878

Cash Flows (INR Mn.)	CY21	FY23	FY24	FY25E	FY26E
Cash flows from Operations	24,663	20,096	27,574	64,172	73,936
Cash flows from Investing	-8,818	-93,271	-76,071	-40,000	-20,000
Cash flows from financing	-3,168	36,116	56,970	-3,838	3,876

	,	, -	,	-,	,
Ratio Analysis	FY22	FY23	FY24	FY25E	FY26E
Growth Ratios (%)					
Revenues	22.9	43.0	(10.3)	3.9	14.2
Gross Profit	25.9	34.3	(19.9)	(1.6)	19.0
EBITDA	21.5	0.2	4.7	6.0	41.7
EBIT	16.4	22.6	(8.6)	13.6	31.4
Margin Ratios (%)					
Gross Profit Margin	91.7	86.2	76.9	72.9	75.9
EBITDA Margin	23.0	16.1	18.8	19.2	23.8
EBIT Margin	21.1	16.7	18.3	19.6	21.9
Profitability (%)					
Return on equity	9.4	9.0	6.3	6.7	8.1
Return on invested capital	12.8	11.1	9.3	8.3	9.5
Return on capital employed	13.2	11.7	8.9	9.2	10.8
Valuation					
OCF / IC (%)	14.4	8.0	10.3	19.6	20.0
EV / EBITDA (x)	36.9	37.4	33.2	31.8	22.2
EV/IC (x)	6.9	4.8	4.2	3.5	3.0

Source: Company, CEBPL

Historical recommendations and target price: ACEM



Ambuja Cement L	td.	
1. 21-02-2022	ADD,	Target Price, 379
2. 29-04-2022	NEUTRAL,	Target Price, 404
3. 20-07-2022	NEUTRAL,	Target Price, 390
4. 28-10-2022	NEUTRAL,	Target Price, 507
5. 09-02-2023	ADD,	Target Price, 417
6. 03-05-2023	OUTPERFORM	Target Price, 502
7. 03-08-2023	ADD	Target Price 484
8. 02-11-2023	ADD	Target Price 450
9. 01-02-2024	ADD	Target Price 590
10. 02-05-2024	BUY	Target Price 665
11. 01-08-2024	REDUCE	Target Price 707

Institutional Research Team			
Kripashankar Maurya	AVP - Institutional Research – Automobiles/Defence/Healthcare	kripashankar.maurya@choiceindia.com	+91 22 6707 9949
CA Vatsal Vinchhi	Analyst - Information Technology	vatsal.vinchhi@choiceindia.com	+91 22 6707 9224
Deepika Murarka	Analyst - Pharmaceuticals	deepika.murarka@choiceindia.com	+91 22 6707 9513
Ashutosh Murarka	Associate – Cement / Building Material	ashutosh.murarka@choiceindia.com	+91 22 6707 9442
Putta Ravi Kumar	Associate - Goods & Defence	ravi.putta@choiceindia.com	+91 22 6707 9908
Aayush saboo	Associate – Real Estate	aayush.saboo@choiceindia.com	+91 22 6707 9811
Maitri Sheth	Associate – Pharmaceuticals	maitri.sheth@choiceindia.com	+91 22 6707 9811
Bharat Kumar Kudikyala	Associate – Cement / Building Material	bharat.kudikyala@choiceindia.com	+91 22 6707 9798
Heet Chheda	Associate – Automobile	heet.chheda@choiceindia.com	+91 22 6707 9422
Rushil Katiyar	Associate - Information Technology	Rushil.katiyar@choiceindia.com	+91 22 6707 9811
CA Sheetal Murarka	Vice President - Institutional Sales	sheetal.murarka@choiceindia.com	+91 22 6707 9857
Nitesh Jalan	AVP – Institutional Sales	nitesh.jalan@choiceindia.com	+91 22 6707 9877 /878 /879

CHOICE RATING DISTRIBUTION & METHODOLOGY

OUTPERFORM	The security is expected to generate more than 25% returns over the next 12 months
BUY	The security is expected to generate greater than 5% to less than 25% returns over the next 12 months
REDUCE	The security expected to show downside or upside returns by 0% to 5% over the next 12 months
SELL	The security expected to show Below 0% next 12 months

Disclaimer

Research Disclaimer and Disclosure inter-alia as required under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

Choice Equity Broking Private Limited-Research Analyst - INH000000222. (CIN. NO.: U65999MH2010PTC198714). Reg. Add.: Sunil Patodia Tower, J B Nagar, Andheri(East), Mumbai 400099. Tel. No. 022-6707 9999

Compliance Officer--Prashant Salian, Email Id – Prashant.salain@choiceindia.com Contact no. 022- 67079999- Ext-2310

Grievance officer-Deepika Singhvi Tel.022-67079999- Ext-834. Email- ig@choiceindia.com

Investment in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI, and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors

This Research Report (hereinafter referred as "Report") has been prepared by Choice Equity Broking Private Limited as a Research Entity (hereinafter referred as "CEBPL RE" Limited. The Research Analysts, strategists are principally responsible for the preparation of "CEBPL RE" research. The research analysts have received compensation based upon various factors, which may include quality of research, investor client feedback, stock picking, competitive factors and firm revenues etc.

Whilst CEBPL has taken all reasonable steps to ensure that this information is correct, CEBPL does not offer any warranty as to the accuracy or completeness of such information. Any person

placing reliance on the report to undertake trading does so entirely at his or her own risk and CEBPL does not accept any liability as a result. Securities and Derivatives markets may be subject to rapid and unexpected price movements and past performance is not necessarily an indication of future performance.

General Disclaimer: This 'Report' is strictly meant for use by the recipient and is not for circulation. This Report does not take into account particular investment objectives, financial situations or specific needs of individual clients nor does it constitute a personal recommendation. The recommendations, if any, made herein are expression of views and/or opinions and should not be deemed or construed to be neither advice for the purpose of purchase or sale of any security, derivatives or any other security through CEBPL nor any solicitation or offering of any investment

/trading opportunity on behalf of the issuer(s) of the respective security (ies) referred to herein. These information / opinions / views are not meant to serve as a professional investment guide

for the readers. No action is solicited based upon the information provided herein. Recipients of this "Report" should rely on information/data arising out of their own Study/investigations. It is advised to seek independent professional advice and arrive at an informed trading/investment decision before executing any trades or making any investments. This 'Report' has been prepared on the basis of publicly available information, internally developed data and other sources believed by CEBPL to be reliable. CEBPL or its directors, employees, affiliates or representatives shall not be responsible for, or warrant for the accuracy, completeness, adequacy and reliability of such information / opinions / views. Though due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of CEBPL shall be liable for any direct, indirect, special, incidental, consequential, punitive or exemplary damages, including lost profits arising in any way whatsoever from the information / opinions / views contained in this Report.

The price and value of the investments referred to in this Report and the income from them may tend to go down as well as up, and investors may incur losses on any investments. Yester performance shall not be a guide for future performance. CEBPL does not provide tax advice to its clients, and all investors are strongly advised to take advice of their tax advisers regarding

taxation aspects of any potential investment. Opinions are based on the current scenario as of the date appearing on this 'Report' only. CEBPL does not undertake to advise you as to any change of our views expressed in this "Report' may differ on account of differences in research methodology, personal judgment and difference in time horizons for which recommendations are made. User should keep this risk in mind and not hold CEBPL, its employees and associates responsible for any losses, damages of any type whatsoever.

Disclaimers in respect of jurisdiction: This report is not directed to, 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 or regulation or which would subject "CEBPL RE" to any registration or licensing requirement within such jurisdiction(s). No action has been or will be taken by "CEBPL RE" in any jurisdiction (other than India), where any action for such purpose(s) is required. Accordingly, this 'Report' shall not be possessed, circulated and/or distributed in any such country or jurisdiction unless such action is in compliance with all applicable laws and regulations of such country or jurisdiction. "CEBPL" requires such recipient to inform himself about and to observe any restrictions at his own expense, without any liability to "CEBPL". Any dispute arising out of this Report shall be subject to the exclusive jurisdiction of the Courts in Mumbai (India).

Statements on ownership and material conflicts of interest, compensation - CEBPL and Associates reciprocates to the best of the knowledge and belief of CEBPL/ its Associates/ research Analyst who is preparing this report.

Disclosures of Interest (Additional):

- 1. "CEBPL", its research Analyst(s), or its associates or relatives of the Research Analyst does not have any financial interest in the company(ies) covered in this report.
- 2. "CEBPL" its research Analyst, or its associates or relatives of the research analyst
- affiliates collectively do not hold more than 1 of the securities of the company(ies) covered in this report as of the end of the month immediately preceding the distribution of the
 research report.
- 4. "CEBPL", its research analyst, his/her associate, his/her relative, do not have any other material conflict of interest at the time of publication of this research report.
- "CEBPL", its research analyst, and its associates have not received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the company(ies) covered in this report, in the past twelve months.
- 6. "CEBPL", its research analyst, or its associates have not managed or co-managed in the previous twelve months, a private or public offering of securities for the company (ies) covered in
- this report."CEBPL, or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party, in connection with the research report.
- CEBPL research analyst has not served as an Officer, Director, or employee of the company (ics) covered in the Research report.
- 9. "CEBPL", its research analyst has not been engaged in market making activity for the company(ies) covered in the Research report.

Details of Associates of CEBPL and Brief History of Disciplinary action by regulatory authorities are available on our website i.e. www. https://choiceindia.com/research-listing

The details of CEBPL, its research analyst and its associates pertaining to the companies covered in the Research report are given below

Sr. No.	Particulars	Yes / No
1.	Whether compensation has been received from the company(ies) covered in the Research report in the past 12 months for investment banking transaction by CEBPL	No
2	Whether Research Analyst, CEBPL or its associates or relatives of the Research Analyst affiliates collectively hold more than 1 of the company(ies) covered in the Research report	No
3.	Whether compensation has been received by CEBPL or its associates from the company(ies) covered in the Research report	No
4.	CEBPL or its affiliates have managed or co-managed in the previous twelve months a private or public offering of securities for the company(ies) covered in the Research report	No
5.	CEBPL, its research analyst, his associate, or its associates have received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the company(ies) covered in the Research report, in the last twelve months	No

Copyright: The copyright in this research report belongs exclusively to CEBPL. All rights are reserved. Any unauthorized use or disclosure is prohibited. No reprinting or reproduction, in whole or in part, is permitted without the CEBPL's prior consent, except that a recipient may reprint it for internal circulation only and only if it is reprinted in its entirety.

This "Report" is for distribution only under such circumstances as may be permitted by applicable law. This "Report" has no regard to the specific investment objectives, financial situation or particular needs of any specific recipient, even if sent only to a single recipient. This "Report" is not guaranteed to be a complete statement or summary of any securities, markets, reports or developments referred to in this research report. Neither CEBPL nor any of its directors, officers, employees or agents shall have any liability, however arising, for any error, inaccuracy or incompleteness of fact or opinion in this "report" or lack of care in this report's preparation or publication, or any losses or damages which may arise from the use of this research report.

Information barriers may be relied upon by CEBPL, such as "Chinese Walls" to control the flow of information within the areas, units, divisions, groups, or affiliates of CEBPL.

Investing in any non-U.S. securities or related financial instruments (including ADRs) discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the U.S. Securities and Exchange Commission. Information on such non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect within the United States. The value of any investment or income from any securities or related financial instruments discussed in this research report denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related financial instruments.

Past performance is not necessarily a guide to future performance and no representation or warranty, express or implied, is made by CEBPL with respect to future performance. Income from investments may fluctuate. The price or value of the investments to which this research report relates, either directly or indirectly, may fall or rise against the interest of investors. Any recommendation or opinion contained in this research report may become outdated as a consequence of changes in the environment in which the issuer of the securities under analysis operates, in addition to changes in the estimates and forecasts, assumptions and valuation methodology used herein.

No part of the content of this research report may be copied, forwarded or duplicated in any form or by any means without the prior written consent of CEBPL and CEBPL accepts no liability whatsoever for the actions of third parties in this respect.

The details of CEBPL, its research analyst and its associates pertaining to the companies covered in the Research report are given below