

Del Monte Pacific

S\$0.57 - BUY

Justin Yeoh

justin.yeoh@clsa.com (65) 64167856

14 March 2008

Singapore Consumer

Reuters DMPL.SI Bloomberg DELM SP

Priced on 12 March 2008 STI @ 2,860.9

12M hi/lo S\$0.90/0.39

12M price target	S\$0.78
±% potential	+37%
Target set on	5 Mar 08
Shares in issue	1,081.8m
Free float (est.)	21.0%
Market cap	US\$445m

3M average daily volume S\$0.5m (US\$0.4m)

Major shareholders NutriAsia 79.0%

Foreign s'holding 20.0%

Stock performance (%)



www.clsa.com

Fruitful endeavours

Philippines-based Del Monte Pacific has turned around in the past two years after being acquired by NutriAsia. New-product initiatives and costcutting measures have led to margin expansion - after five years of contraction - for this market leader in processed food and beverages. The addition of a fresh-fruit business, and export opportunities provide critical growth potential. With 37% implied upside to our DCF-derived target price of S\$0.78, we initiate coverage with a BUY recommendation.

New direction

A market leader in processed food and sauces in the Philippines, Del Monte Pacific was acquired by NutriAsia in 2006. The new management team has set out to turn the company around by improving supply contracts, increasing the product range and expanding beyond the Philippines. Del Monte Pacific operates one of the world's largest pineapple plantations, at 19,000 hectares, with a canned-pineapple production facility alongside, while outsourcing other processed products to third-party packers.

Strong growth potential

We estimate a net profit Cagr of 20% in 2008-10 on higher sales volume, margin expansion through recent supply-contract amendments and the move into the fresh-fruit business. This new venture will allow the firm to expand into Europe and Asia, where it does not own the Del Monte-brand rights. Expansion into the wider-margin fresh-fruit business is a natural transition, after obtaining the rights to supply distributors besides Del Monte Asia, which markets packaged-food products under the Del Monte brand in Asia. As the company obtains the fruit from its own plantation, supply risk is low.

Global expansion

The acquisition of the S&W brand allows Del Monte Pacific to expand overseas in all its product segments. Its FieldFresh joint venture with Bharti in India also provides growth opportunities in the fresh-fruit and vegetable business. While the potential is substantial, we expect minimal returns for the next three years during the gestation period.

Undemanding valuation

We value Del Monte Pacific at a 12-month price target of S\$0.78, based on discounted cashflow. With strong growth potential from business initiatives and better contractual terms, the outlook for the company is positive. Structural changes in the business bode well for Del Monte Pacific, and with 37% implied upside to our target price, we initiate with a BUY.

Financials

i maneiais					
Year to 31 Dec	06A	07A	08CL	09CL	10CL
Revenue (US\$m)	243.4	289.4	352.8	390.2	445.1
Net profit (US\$m)	21.0	39.2	36.8	42.5	49.5
EPS (US¢)	2.0	3.6	3.4	3.9	4.6
EPS (% YoY)	12.0	85.6	(6.0)	15.5	16.2
PEx (@S\$0.57)	21.1	11.4	12.1	10.5	9.0
Dividend yield (%)	3.6	6.5	5.8	6.7	7.8
FCF yield (%)	(0.1)	(7.4)	1.7	4.9	4.2
ROAE (%)	12.50	19.80	16.20	17.80	19.60
Price/book (x)	2.6	2.0	1.9	1.8	1.7
Net gearing (%)	(3.11)	9.31	17.53	20.24	25.76
Source: CLSA Asia-Pacific Mar	kots				

Source: CLSA Asia-Pacific Markets



Del Monte Pacific - S\$0.57 - BUY

The business

Del Monte Pacific is the market leader in processed fruit, sauces and fruit beverages in the Philippines, with an average of 80% market share in sauces and canned juices and fruits. Del Monte Pacific has the rights to Del Monte in Philippines and India, while its export business largely caters to other Del Monte-brand owners globally.

Competition & market franchise

The company is a market leader in the processed fruit, fruit juice and tomato-ketchup product segments in the Philippines, with each segment having about 80% market share. The foray into fresh-fruit and snack products will see strong competition, but the Del Monte and S&W brands that the company owns should provide good support to new products.

Valuation history

Jet Stream[®] radar

C&G Audit™

Sharehold

value

EVA™ return



Bands (from the top): max, +1sd, avg, -1std, min.

Corporate governance at Del Monte Pacific

Industry leadership	Criteria	Score	Country avg (%)		Asia-xJ avg (%)	Sector rank
5 Use of	Discipline	90	57	2	61	3
technology	Transparency	82	84	39	73	24
	Independence	62	72	44	48	10
Management	Accountability	50	28	10	33	11
quality	Responsibility	88	51	1	50	2
ex Corporate	Fairness	56	36	5	50	21
ek//Corporate governance	Social resp	20	10	14	13	14
governance	Wtd CG score	66	50	4/64	48	5/57

Clean & Green Audit™

Criteria	Score
Leadership	0.00
Recognition	2.00
Disclosure	2.00
Looking to the future	0.00
C&G score/20	3.43
For details on methodo	
scoring ranges across Asia	, see our

annual Clean & Green Audit report, which debuted in September 2006.

Outlook	1 year	Comment
Jet Stream [®] criteria		
Industry leadership	✓	Market leader in the Philippines.
EVA™ return	✓	New owner has improved ROEs.
Shareholder value	✓	ROE has been above 25% for the past 10 years.
Corporate governance	✓	Lack of transparency, as the company is sensitive about competitive information.
Management quality	✓	New management has years of experience in the consumer market.
Use of technology	✓	Advanced planting methods and reduction in packaging materials.
CLSA Clean & Green Audit™	×	Emission levels are low in the manufacturing process.
Valuations		
Earnings momentum	✓	We expect 20% earnings growth in 2008-10.
Price/earnings	✓	Trading at 10.5x 09CL EPS. Discount to regional peers, with a better growth profile.
Price/book value	✓	Trading at 1.8x 09CL PB. Expect improving shareholder returns.
Macro factors		
Country risk	×	The recent calls for the president's resignation underline political dissent in the Philippines.
Strategy	✓	We are O-WT the Philippines, with the appreciating peso positive for domestic companies.
Liquidity	×	Small and medium-sized companies less in favour now.
Technical analysis		The high of S\$0.90 last July heralded the start of a multimonth consolidation. Expect further sideways moves in the coming months.
Conclusion	BUY	



Market leader in sauces and processed fruits in the Philippines

New direction

Del Monte Pacific is the market leader in processed fruit, sauces and fruit beverages in the Philippines, with an average of 80% market share in sauces and canned juices and fruits. The company processes, markets and distributes these products, together with fresh fruits and vegetables both locally and to international customers. Del Monte Pacific also owns the rights to the Del Monte brand on the Indian subcontinent.

Figure 1	
History	of Del Monte Pacific
Year	Event
1892	Del Monte brand was established in the USA.
1926	Del Monte Foods (USA) set up operations to diversify from disease-affected Hawaiian pineapple plantation.
1990	Del Monte brand was disaggregated and sold to various companies.
1991	Del Monte Foods sold its 50% stake in the Philippines unit to Del Monte Int'l (Europe) and Kikkoman.
1996	Del Monte Foods and Kikkoman divested to MCI (Phil) and Del Monte Int'l (later became Cirio).
1999	Del Monte Pacific was incorporated and listed on the SGX, which became the holding company of Del Monte Philippines.
Dec 05	MCI and Cirio divested to NutriAsia Pacific.
Jan 06	NutriAsia Pacific stake reached 85%.
Jul 07	NutriAsia Pacific reduced stake to 80% to increase liquidity.

Source: Del Monte Pacific

Del Monte Pacific owns the branding rights in the Philippines and India

Brand heritage

Del Monte is a globally well-known brand for processed and fresh fruits. Started in 1892 in California, USA, the brand is now owned perpetually by several licensees around the world with no royalty payments. Del Monte Pacific owns the rights to the brand in the Philippines and the Indian subcontinent.

Fi	au	re	2	

Del Monte-brand owners		
Company	Market	Product
Del Monte Pacific	Philippines and Indian subcontinent	Processed
Del Monte Asia / Kikkoman	The rest of Asia Pacific	Processed
Del Monte Foods	USA, Central and South America	Processed
Kraft and CanGro	Canada	Processed
Fresh Del Monte	Europe, Middle East and Africa	Processed
Fresh Del Monte	Worldwide	Fresh

Source: CLSA Asia-Pacific Markets, Del Monte Pacific



Source: CLSA Asia-Pacific Markets

Figure 4 A wide product range





One of the largest pineapple plantations in the world With more than 80 years of experience in pineapple cultivation, Del Monte Pacific knows its pineapples. The company owns up to 20,000 hectares of contiguous pineapple plantation (on leased land) in Northern Mindanao in the Philippines, one-third the size of Singapore. Production of pineapples takes up to 32 months for two cycles of harvests, with up to seven months of rest period in between.

Plantation is 30 minutes from the cannery, ensuring freshness of products

Production Plantation

The plantation achieves an average yield per hectare of 175 tonnes, one of the best in the industry. Planting is scheduled to supply 1m pineapples to the cannery on a daily basis. The plantation is located about 30 minutes away from the cannery. Del Monte Pacific also plants other products such as papaya, but sources most of its needs from out-growers. The papayas are used in its processed-food products.

The company also owns a cattle farm in the plantation. Meat and milk from pineapple-pulp-fed cows are sold to the local markets. This is a solution to the by-product generated from its plant.



Source: CLSA Asia-Pacific Markets

Cannery

Del Monte Pacific's cannery in Cagayan De Oro is one of the largest integrated processing plants in the world. It has a 700,000-tonne processing capacity, next to its own port, where freshly picked fruits are processed and canned on the same day. The production facility has the capability to produce processed products from fruit to can, as well as making its own cans from purchased tin-plates. The company is looking at other expansion options within the current compound to maximise production, such as building new warehouses and maximising current plant space.

Started selling fresh fruits in 2H07, a new development for the company

It produces its own cans

-				-	
H	IQ	u	re	1	

Segment brea	akdown of 2007			
Segment	Product	Rev (%)	Ebit (%)	Margin (%)
Processed	Canned fruits, pasta, sauces and condiments	67	74	14.8
Beverage	Fruit juices and flavoured drinks	32	24	9.5
Non-processed	Fresh pineapples, beef and milk	1	2	21.0
	ia-Pacific Markets, Del Monte Pacific	1	2	

Source: CLSA Asia-Pacific Markets, Del Monte Pacific



Most culinary products are outsourced to toll packers	Toll packers Del Monte Pacific's sauces, ketchup, pasta and sourced from third-party companies. The margin recent addition to third-party sourcing incluc beverages, used to be produced in canned version	s in these products vary. A les the PET <i>Fit 'n Right</i>
Acquired by NutriAsia Group, a local player in condiments and cooking oil	New owner has similar business Del Monte Pacific's main shareholder is NutriAsia I The NutriAsia Group. The NutriAsia Group is condiments, specialty sauces and cooking oil. The 85% market share in the local ketchup and hot-ch	a market leader in liquid e company's UFC brand has
Del Monte Pacific was	There are key differences between the current and	previous owners:
largely a production base for the previous owners	Single majority shareholder in 16 years. Quick with a seven-member board, down from elever	
	NutriAsia Group's experience in similar to Monte's products to target multiple product ty	
while new owners intend to build Del Monte Pacific's brand and improve	The previous owners, Del Monte Foods, Kikk interested in using Del Monte Pacific as a contracts have been negotiated to more favou	production based. Supply
shareholder returns	Amended contract terms also allow expansion business.	ion into the fresh-produce
New management has years of experience in consumer business	New, experienced management A new management team has been put in charg into the next growth phase. The management consumer products, marketing, supply chain m areas. Looking at the background of the man promising.	has years of experience in anagement and other key
	New management team	
	Role	Previous experience
	C00	P&G, Kraft, SAFI
	Head of Marketing	P&G, Kraft, SAFI
	Head of Sales	J&J
	Head of R&D	Kraft
	Head of Supply Chain	SAFI
	Head of Purchasing	Unilab
	Head of HR	Nestle
	Manager of fresh produce	LFC
	Source: CLSA Asia-Pacific Markets	
Focused on turning		



Status Amended in October 2006 with clarified and enforced cost floor provision. Served notice of termination, effective in May 2010. Amended in February 2007; champaka prices raised, to be replaced by higher-priced MD2 in three years. New contract in January 2007. Reduced prices in line with market and given direct access to private labels in Asia ex-Japan. el Monte Pacific during the year include: hationwide distributors in the Philippines to 10 effectively expanded from 28,000 to 64,000 store
cost floor provision. Served notice of termination, effective in May 2010. Amended in February 2007; champaka prices raised, to be replaced by higher-priced MD2 in three years. New contract in January 2007. Reduced prices in line with market and given direct access to private labels in Asia ex-Japan. el Monte Pacific during the year include: nationwide distributors in the Philippines to fifectively expanded from 28,000 to 64,000 store
Amended in February 2007; champaka prices raised, to be replaced by higher-priced MD2 in three years. New contract in January 2007. Reduced prices in line with market and given direct access to private labels in Asia ex-Japan. el Monte Pacific during the year include: nationwide distributors in the Philippines to f ffectively expanded from 28,000 to 64,000 store
be replaced by higher-priced MD2 in three years. New contract in January 2007. Reduced prices in line with market and given direct access to private labels in Asia ex-Japan. el Monte Pacific during the year include: nationwide distributors in the Philippines to ffectively expanded from 28,000 to 64,000 store
with market and given direct access to private labels in Asia ex-Japan. el Monte Pacific during the year include: nationwide distributors in the Philippines to ffectively expanded from 28,000 to 64,000 store
during the year include: ationwide distributors in the Philippines to ffectively expanded from 28,000 to 64,000 store
ationwide distributors in the Philippines to ffectively expanded from 28,000 to 64,000 store
ationwide distributors in the Philippines to ffectively expanded from 28,000 to 64,000 store
ffectively expanded from 28,000 to 64,000 store
by end of 2008.
neapples in Metro Manila Exports.
reducing the number of tinplate suppliers to tw
ement, and advertising and promotion contract
f warehouses from 12 to three.
asures involve purchasing, logistics rationalisation ents.
the Philippine Economic Zone Authority (PEZ) Innery will be taxed at an amount equal to 5% The rest of its business will be taxed at 35% of t
F F

Del Monte Pacific's key Asia-Pacific segment makes up 73% of its 2007 sales, and we estimate that the Philippines accounts for 75% of that. This segment commands better Ebit margins at 17%, compared to 3% in the European and North America markets. We expect margins in the European-and-North-America segment to improve from the revamp of supply contracts.



Source: CLSA Asia-Pacific Markets, Del Monte Pacific

6

Philippines accounts for

up to 75% of total sales



Focusing on broader product-segments The company currently commands more than 80% of market share for sauces and canned juices and 78% of canned food products. However, the company intends to target the broader culinary, nutritional beverage and snack products to increase its growth opportunities. This will be done through the introduction of new products such as cooking mix, fruit cups and the hugely successful *Fit 'n Right* that helps weight loss.



Source: CLSA Asia-Pacific Markets, Del Monte Pacific

Domestic initiatives Polyethylene terephthalate (PET)

Currently outsourcing to San Miguel's Thai plant The company currently contracts its PET packaging to a packer in Thailand, due to the lower cost of PET in the country. However, potential savings from freight costs may mitigate pricier PET in the Philippines. Should the company invest in its PET line, we should see improvement in margins.



Source: CLSA Asia-Pacific Markets

Marketing health benefits

While new products are good, the company's recent success in products such as *Fit 'n Right* is in part due to major promotion and TV-advertising efforts. The focus on weight-loss ingredient, L-carnitine, from the product has driven sales that was beyond the management's expectation. Other efforts include a weight-loss competition and putting some of the most popular young celebrities to endorse its products.

The company is also highlighting lycopene in its tomato-based products; while it exists in all such products, Del Monte has successfully associated this antioxidant to its brand name. Also, to raise the company's profile, it will open a gourmet supermarket and continue its Kitchenomics TV cooking show, recipe e-mail club, recipe website and even a call centre.

Marketing to focus on health benefit of products



Processed food is big in rural areas . . .

Strong growth potential

Consumption of processed food in the Philippines grew at a strong 7% in the past five years, much faster than chilled and frozen products. This is because canned and packaged products are easier to store and do not require refrigeration. The rising price of fresh foods is another driver in the growth in demand for processed foods, especially in rural areas.

. . . while the beverage segment has seen rejuvenation in the products

We forecast 20% net

profit Cagr for 2008-10

Functional drinks have also become popular, and have been growing at 13% in the past five years. The high demand for the company's *Fit 'n Right* after the launch of a major weight-loss competition as part of the promotion reflects this trend. Attractive celebrity tie-ins aside, the attractive bottle-packaging also appeals to the younger audience, as opposed to the canned version, and help promoted the brand as well. Del Monte Pacific is looking at tapping into this trend with its fruit juices through repackaging and branding.

Steady sales growth

We expect Del Monte Pacific to report a strong revenue Cagr of 15% for the next three years, on the back of new processed-product and beverage initiatives and the sales of fresh products. With the recent amendments to long-term contracts, the ability to sell fresh produce and improvement in contract terms will drive margin expansion.



Source: CLSA Asia-Pacific Markets, Del Monte Pacific

New initiative to expand overseas

S&W gives Del Monte Pacific the opportunity to expand in Europe and Asia directly, hence allowing the company to capture better margins. By selling directly, Del Monte Pacific can command margins of up to 20% in the export market, compared to margins below 10% now. We are only assuming a 10% growth in this business as it is still starting up.

Figure 18				
Growth fo	orec	ast		
Segment	Ne	w initiatives	3Y rev Cagr (%)	3Y Ebit Cagr (%)
Processed		Sourcing new products from other Del Monte companies such as canned vegetables.	10	10
		Increasing its range of culinary products such as cooking mix and pasta.		
		The acquisition of S&W brand allows the company to sell canned products in Europe and Asia, where this is restricted under the Del Monte brand.		
Beverage		PET bottles proved to be successful for Fit 'n Right, possibly introducing fruit juices into this format	. 7	4
Non- processed		The sweeter MD2 variety commands higher prices. Recent amendment of contract with Kikkoman (Del Monte Asia) allows the company to sell pineapples to other suppliers in Asia, opening opportunities for the company.	181	173
		Joint venture with Bharti in India will produce fresh fruits and vegetables under FieldFresh.		

Source: CLSA Asia-Pacific Markets, Del Monte Pacific



Conservative approach to growth assumptions

Forecast assumptions

We believe Del Monte Pacific has a great turnaround story to tell. However, due to competitive reasons and the large number of products the company has, the management does not disclose the sales volume or average selling price of its products. We have taken a conservative approach to forecast our growth assumptions, based on new opportunities and product initiatives, on the back of industry growth rate.

Figure 19

Demand in the Philippines is still strong							
Туре	July 2003 (%)	November 2008 (%)					
Canned/packaged foods	7	8					
Non-alcoholic drinks	7	6					
Functional drinks	13	12					
Fruits	2	3					
Sauces	6	6					
Pasta	6	5					
Source: Euromonitor							

Figure 20

Our forecast assumption

our forecast assumption	07A	08CL	09CL	1001	Comments
Devenue (UCtm)	289.4	352.8	390.2	445.1	comments
Revenue (US\$m)	289.4	22	390.2 11	445.1	
YoY (%)	104.1	22	241.0	258.9	
Processed (US\$m) YoY (%)	194.1	14	241.0	258.9	
	106.4	14	-		Driven by pineapple growth and flat ASP
Canned pineapples (US\$m)	100.4		120.6 6	125.0	Driven by pineapple growth and hat ASP
YoY (%)	07.0	7 96.5	106.2	4 116.8	
Culinary - tomato based (US\$m)	87.8	96.5	106.2		Assumed calles growth an new listshup and sauses
YoY (%) S&W (US\$m)		10.0	13.0	15.6	Assumed sales-growth on new ketchup and sauces
YoY (%)		10.0	30		Assumed sales-growth
Other processed (pasta, etc) (US\$m)		1.0	1.2	1.4	Assumed sales-growth
YoY (%)		1.0	20		Assumed sales-growth with new condiments and pasta products
Beverage (US\$m)	92.0	98.3	106.1	111.2	Assumed sales-growth with new condiments and pasta products
YoY (%)	92.0	90.3 7	8	5	
Pineapple juice (US\$m)	77.3	82.9	87.5		Driven by our assumed pineapple production
YoY (%)	77.5	02.9 7	67.5	90.8 4	Driven by our assumed priceapple production
Others (concentrates, Great Lakes,	14.7	15.4	18.5	20.4	
etc) (US\$m)	14.7	15.4	10.5	20.4	
YoY (%)		5	20	10	
Non-processed (US\$m)	3.4	32.8	43.2		We have not taken into account the cattle business, which is a
	0	02.0		/ 0.12	waste-disposal system for the company
YoY (%)		nm	32	74	
Pineapple (US\$m)	3.4	32.8	43.2	75.1	Based on pineapples allocated to fresh segment
YoY (%)		nm	32	74	
Processed volume ('000 t)					
Canned pineapples	255.2	273.7	289.1	299.8	Based on the breakdown of solids and liquids from production
Pineapple beverages	382.8	410.5	433.7	449.7	
Production volume ('000 t)					
Pineapple	638.0	684.2	722.8	749.6	Processed pineapples
YoY (%)	3	7	6	4	
Processed (%)	99	92	90		Percentage of fruits processed
Fresh	9.0	60.8	80.0	139.1	Apportioned fresh fruits
YoY (%)	0	576	32	74	
Estimated pineapple breakdown					
Solids (%)	40	40	40	40	Based on what we know from the production
Liquid (%)	60	60	60	60	
ASP (US\$'000/t)					
Processed products	0.42	0.42	0.42	0.42	Assuming flat ASP, although the management did increase prices
					in 2007
Beverages	0.20	0.20	0.20	0.20	
Fresh	0.54	0.54	0.54	0.54	
Source: CLSA Asia-Pacific Markets					

Source: CLSA Asia-Pacific Markets





Demand for fresh produce is expected to increase, and Del Monte Pacific can capitalise on this trend with its fresh-fruit sales, which they are now allowed under the revised contract with Del Monte Asia (Kikkoman). Figure 22

Cost-of-sales assump	Cost-of-sales assumptions										
(US\$m)	07A	08CL	09CL	10CL	Comments						
Cost of sales	(214.0)	(260.7)	(288.8)	(334.1)							
YoY (%)		22	11	16							
Raw materials (tomatoes, pineapple)	(85.9)	(105.7)	(118.5)	(139.3)	Raw materials in processed segment includes tomatoes, fruits and additional pineapples. Most of it is from own plantation, lowering exposure to raw-material costs						
Price increase (%)		10	3	3							
YoY (%)		23	12	18							
Tin plate	(42.9)	(53.0)	(57.6)	(61.8)	For canned products, expect slowdown in price increase						
Price increase (%)		15	3	3							
YoY (%)		23	9	7							
Other packaging	(21.5)	(26.4)	(29.5)	(32.4)	For other products, expect cost increase to slow down						
Price increase (%)		10	3	3							
YoY (%)		23	12	10							
Labour	(21.5)	(24.2)	(26.3)	(28.1)							
Price increase (%)		5	3	3							
YoY (%)		13	9	7							
Depreciation	(9.3)	(11.3)	(12.4)	(13.7)							
YoY (%)		22	10	10							
Others	(33.0)	(40.2)	(44.5)	(58.8)							
YoY (%)		22	11	32							

Source: CLSA Asia-Pacific Markets



Figure 24



Source: Del Monte Pacific

Figure 25

Processed food will still be the mainstay of the business

Margin improvements are due to cost cutting and change of supply contracts

Forecast summary	,				
(US\$m)	06A	07A	08CL	09CL	10CL
Revenue	243.4	289.4	352.8	390.2	445.1
Processed	165.8	194.1	221.7	241.0	258.9
Beverages	72.5	92.0	98.3	106.1	111.2
Non-processed	5.1	3.4	32.8	43.2	75.1
Ebit	27.8	38.6	48.2	55.5	64.6
Processed	21.9	28.5	32.1	36.1	38.3
Beverages	6.4	9.3	8.8	10.1	10.6
Non-processed	(0.5)	0.8	7.2	9.3	15.8
Margin (%)	11.4	13.3	13.7	14.2	14.5
Processed	13.2	14.7	14.5	15.0	14.8
Beverages	8.9	10.1	9.0	9.5	9.5
Non-processed	(10.2)	22.8	22.0	21.5	21.0
Pre-tax profit	27.6	37.1	45.3	52.2	60.7
Processed	22.1	28.0	31.0	34.8	36.7
Beverages	6.0	8.4	7.7	8.8	9.0
Non-processed	(0.5)	0.8	6.6	8.6	15.0
Margin (%)	11.3	12.8	12.8	13.4	13.6
Processed	13.4	14.4	14.0	14.5	14.2
Beverages	8.3	9.1	7.8	8.3	8.1
Non-processed	(10.3)	22.7	20.2	20.0	19.9

Source: CLSA Asia-Pacific Markets





S&W allows expansion in markets where Del Monte Pacific could not with the Del Monte brand

Global expansion

Del Monte Pacific acquired the rights to the S&W brand in Europe and Asia for US\$10m in Novemebr 2007. This is another heritage brand owned by Del Monte USA that is famous for its canned vegetable and bean products. S&W opens up the whole processed-food business in Europe and Asia for Del Monte Pacific where it does not have the Del Monte-brand rights.



Source: Del Monte Pacific, CLSA Asia-Pacific Markets

Del Monte Pacific's expansion plan for S&W currently involves mostly toll packers, and no asset investments. However, if the company intends to grow in certain markets, we believe selling and distribution costs to increase. The key focus areas will be Eastern Europe and Asian countries.



Source: Euromonitor

S&W to breakeven in the next two years S&W is estimated to have sales of up to US\$10m in revenue for 2008, but we expect the business to breakeven for the next two years. We are forecasting a modest 10% growth for the next three years as Del Monte Pacific is still ramping up the sourcing of products and putting its new strategy in place. As mentioned before, one of the big potentials is to market the fresh produce under the S&W brand in the Philippines.

Figure 30		
Growth in global demand		
Туре	July 2003 (%)	November 2008 (%)
Canned foods	1	2
Non-alcoholic drinks	6	4
Functional drinks	9	4
Fruits	3	3
Sauces	3	3
Source: Euromonitor		

justin.yeoh@clsa.com



Huge potential outside Philippines



To focus on domestic

market

European and Asian markets for packaged foods is 120x and non-alcoholic 35x that of Philippines in retail value, as reported by Euromonitor and USDA.

While the overall global demand for processed foods has matured, the

FieldFresh

India is one of the largest producers of vegetables. Del Monte Pacific acquired 40% of FieldFresh to the tune of US\$20.9m, with the remaining 50% owned by the influential Bharti group and 10% by investment bank EL Rothschild. Bharti and Del Monte Pacific have equal voting rights.

FieldFresh grows and exports fresh fruits and vegetables to the UK, Middle East and Europe, and plans to develop the local market. The company currently has 300 acres of farmland in Punjab with R&D facilities and 42 acres of state-of-the-art greenhouses. Up to 50m tonnes of fruits and 80m tonnes of vegetables were consumed in India in 2007, or 19% of total vegetables consumed in Asia Pacific, a big market for the company.



Del Monte Pacific - An experienced partner Source: Euromonitor

Bharti and EL Rothschild invited Del Monte Pacific to join the joint venture, taking advantage of Del Monte Pacific's experience and knowledge in processing branded food-products. This can contribute significantly to the development of FieldFresh. Estimating that 20% of fresh fruits and vegetables are wasted due to spoilage, the joint venture intends to aggressively develop processed and fresh products under the *FieldFresh* brand. Del Monte Pacific intends to focus on FieldFresh in the country, and consolidate the Del Monte mango business in India into the joint venture.

A ready channel Bharti's 50% interest in Wal-Mart's India venture has the potential to become a key customer of FieldFresh. However, the first store is only expected to open by end of 2008, with up to 14 more in the next six years. We expect other distributors to be the key customers of FieldFresh for the time being.

Associate level As the company is still starting up, we are not expecting contribution from this business for 2008-09. Earnings will be reported as contribution from associate and is not consolidated as part of the overall business.



Great Lakes Fresh Foods and Juice company was established in Tianjin, China in 1994 to produce 100% fresh fruit juices. China is fast becoming the world's leading fruit producer. Del Monte Pacific acquired this company in July 2004 and it accounts for about US\$14m of Del Monte Pacific's sales in 2006.

The company competes in the premium-juice segment againts the likes of Tropicana and has penetrated the Tianjin, Beijing and Shanghai markets. But due to the tough business environment, we expect the business to breakeven this year.



Great Lakes accounts for US\$14m of Del Monte Pacific's sales in 2006



12-month target price of S\$0.78 based on DCF, implies 14x 09CL PE

Better shareholder returns and dividend yields at undemanding valuations

Previous owner did not develop Del Monte Pacific's business

New owner took charge in 2006 and turn the company around

We forecast a dip in 2008 due to higher capital expenditure for new initiatives

Undemanding valuation

We value Del Monte Pacific at a 12-month price target of S\$0.78, based on the discounted cashflow. This implies 14x 09CL PE, which is a slight premium to its peers due to a better growth profile. Target price also implies 0.61x PE to 2008-09 growth, which recognises the strong growth of Del Monte Pacific. With strong growth potential from business initiatives and better contractual terms, the company's outlook is positive. We believe the structural changes in the business bodes well for Del Monte Pacific.

We think Del Monte Pacific is worth investing in on the basis of:

- □ Low valuations relative to its peers at 10x 09CL PE and 2x 07CL PB, with an attractive growth profile and high dividend yields.
- □ High dividend yield of 5.8%. The company has paid out 75% of its net profit in the past two years due to its net-cash position. The current net-gearing level of 20%, due to new investments into FieldFresh and the acquisition of S&W, leaves room for further borrowings.
- Management aims to increase shareholder returns through new business development and cost intermediation. We expect incremental increase in ROE and ROIC through these intiatives.





Source: CLSA Asia-Pacific Markets

Historical performance has shown that Del Monte Pacific has largely underperformed the market in the past few years. There are currently minimal institutional holders in the stock and not well covered.

Figure 36

Name	Code	Market cap	PE (x)		08CL PB	Div.	EV/	ROE	E PE/G
		(US\$m)	2008	2009	(x)	yield (%)	Ebitda (x)	(%)	(x)
Fraser & Neave Holdings Bhd	FNH	846.9	15.4	14.2	2.3	5.5	11.1	13.5	2.0
Dutch Lady Milk Inds Bhd	DLM	246.1	16.7	14.3	6.2	7.0	12.4	38.1	1.4
PPB Group Berhad	PEP	3465.0	15.6	14.5	1.0	2.1	12.2	86.9	na
Nestle (Malaysia) Berhad	NESZ	1905.9	19.3	18.0	9.6	5.1	15.5	48.8	1.8
Petra Foods	PETRA	479.4	14.8	12.7	2.5	2.5	20.7	14.6	na
Cerebos Pacific	CER	866.5	13.1	12.0	3.0	6.5	11.0	23.3	0.6
Singapore Food Industries	SFI	288.1	10.8	9.9	2.6	6.5	11.2	20.7	2.9
Food Empire Holdings	FEH	243.2	na	na	2.2	2.4	8.9	21.4	na
Thai Union Frozen Prod Pub	TUF	532.2	8.3	7.8	1.3	6.4	na	14.2	na
Thai Vegetable Oil	TVO	342.6	7.9	6.7	na	4.4	na	na	na
Thai President Food	TF	285.4	na	na	1.7	3.7	10.8	13.6	na
Simple average		863.8	13.5	12.2	3.2	4.7	12.6	29.5	1.7
Del Monte Foods	DLM	1,775.5	13.1	12.1	1.2	1.8	na	8.1	na
Fresh Del Monte Produce	FDP	2,168.0	10.8	10.3	1.7	0.0	na	(13.4)	2.7
Kikkoman	2801	2,246.7	20.0	19.3	1.3	1.3	na	6.2	na
Kraft Foods Inc-Class A	KFT	46,934.8	16.0	14.9	1.7	3.4	14.7	9.3	0.1
Simple average		13,281.2	15.0	14.2	1.5	1.6	14.7	2.6	1.4
Del Monte Pacific	DELM	479.4	13.0	11.3	2.1	5.4	10.4	16.2	0.4

Source: CLSA Asia-Pacific Markets

Strong peso is good for cost

New ventures pose execution risks

Key risks

Forex

As most of the company's cost structure is in the local currency, we expect a stronger peso to have a positive impact on margins. Assuming 20% of Cogs is sourced in US dollar, a 10% appreciation in peso will boost net profit by 20%. On the flipside, the stronger peso also marginally reduces contribution from the export business.

Execution of new ventures

S&W and Fieldfresh are new international ventures. These investments require gestation period and upfront costs, and may take a while to generate returns. There is a possibility that the expansion may not perform up-to-expectations. The fresh-produce business is less risky as it requires allocating part of its fruits for sale to distributors and does not require additional investments.

Raw material costs

Raw materials continue to pressure margins Raw materials and packaging account for 70% of cost-of-goods. While the company has successfully raised prices and increased margins, we expect raw-material-related cost pressures to continue. A 10% increase in raw material cost would reduce net profit by 25% if Del Monte Pacific cannot pass on the costs. The company is constantly looking for cheaper sourcing alternatives and other cost-saving measures. Joint sourcing with NutriAsia Group offers Del Monte Pacific better bargaining power.



We are using Philippines' cost of equity

Figure 37						
Our assumptions						
WACC		Commer	nt			
Low (%)	10.5					
Base (%)	10.0					
High (%)	9.5					
Risk-free rate (3M bond rate) (%)	5.0	Philippine	es market	risk prem	nium	
Equity risk premium (%)	7.0	10-year p	beso bond	1		
Cost of equity (%)	12.0					
Beta	1.0					
Cost of debt (%)	5.0					
Tax rate (%)	35.0	Local tax	rate			
Net debt	59.2	Assumed	30% deb	ot		
Equity	197.5					
D/C (%)	23.0					
E/C (%)	77.0					
FCF growth (%)	3.0					
Present value of projected cashfl	ow					
WACC	1	2	3	4	5	6
10.5%	42.7	38.2	40.5	30.6	29.9	30.2
10.0%	42.9	38.6	41.0	31.1	30.6	31.0
9.5%	43.1	38.9	41.6	31.7	31.3	31.9
Terminal present-value (perpetu	al growth)				
WACC		2.0%		3.0%		4.0%
10.5%		355.8		403.4		465.6
10.0%		388.5		444.2		518.4
9.5%		426.0		491.7		581.4

Target-price assumpt	ion		
Perpetual free-cashfl	ow growth		
WACC	2.0%	3.0%	4.0%
10.5%	0.66	0.72	0.80
10.0%	0.70	0.78	0.87
9.5%	0.76	0.84	0.96

_ ...

Recommending a BUY

Recommend a BUY with 26% to our target price

This underfollowed company is currently trading at 10.8x 09CL PEx. Our target price implies an undemanding 14x 09CL PE, similar to its regional peers in the processed-food space. We initiate our coverage on Del Monte with a BUY, with 37% implied upside to our target price of S\$0.78.

Appendices



Appendix 1: What the charts say

Del Monte Pacific weekly with 40-week WMA DEL MONTE PACIFIC LTD (DELM) laurence.balanco@clsa.com ✓ updata Technical Analyst 13 Mar 2008 DELM Log Weekly Candlestick E5 Updata Technical Anal C: 0.6 +0.03 T: 15:26:18 Date 29/06/0 0.0% 0.9 0.8 0.65 0.55 0.5 0.45) 4 0.35 00.0 0.3 0.25 100 30 30 E12,26 MACD 0.05 -**0.00** DELM Relative To STI INDEX E4 0 0 0 0 0 2002 2003 2004 2005 2006 2007 2008 2009 SCINCIJEMAMIJIJASCINCIJEMAMIJIJASCINCIJEMAMIJIJASCINCIJEMAMIJASCINCIJEMAMIJIJASCINCIJEMAMIJIJASCINCIJEMA Source: CLSA Asia-Pacific Markets

Del Monte Pacific's price action is hard to interpret short term, but the weekly chart shows that the stock has developed a broad rising channel from the September-2001 lows. The high of S\$0.90 last July heralded the start of a multimonth consolidation and further sideway moves are likely in the coming months. Key support is found at S\$0.87 and resistance at the S\$0.70-0.71



These views are based on technical analysis and may or may not be in agreement with the 'fundamental' view. For further information please contact Laurence Balanco, Analyst, Asian Technical Research

Tel: (852) 26008576 e-mail: laurence.balanco@clsa.com

Appendix 2: Risks & drivers



Op profit (S\$m)











Net debt(cash)/equity (%)







Investment by numbers

We base our 20% 3-year earnings Cagr on 15% growth in revenue and margin improvements. This is on the back of a steady 10% growth in developed product-segments, and new contribution from the fresh-produce business that is starting from a low base.

The company has paid out 75% of net profit in the past two years, due to its netcash position, bringing dividend yield to 6%. We expect this trend to continue, given current net-gearing levels of 20%, which leaves room for further borrowings.

Management aims to increase shareholder returns through new business development and cost intermediation. We expect incremental increase in ROE and ROIC through these intiatives.

Risks to our view

As most of the company's cost structure is in the local currency, we expect a stronger Peso to have a positive impact on margins. Assuming 20% of COGS is sourced in US Dollar, a 10% appreciation in Peso will boost net profit by 20%. On the flipside, the stronger peso also marginally reduces contribution from the export business.

S&W and Fieldfresh are new international-ventures, which require gestation period and upfront costs, and may take a while to generate returns. The expansion may not perform up-to-expectations. The fresh-produce business is less risky as it requires allocating part of its fruits for sale to distributors and does not require additional investments.

Raw materials and packaging account for 70% of cost-of-goods. While the company has successfully raised prices and increased margins, we expect raw material-related cost pressures to continue. A 10% increase in raw-material cost would reduce net profit by 25% if DMPL cannot pass on the costs. The company is constantly looking for cheaper sourcing-alternatives and other cost-saving measures. Joint sourcing with NutriAsia Group offers DMPL better bargaining power.

Key earnings drivers

Year to 31 December	2006A	2007A	2008CL	2009CL	2010CL
Revenue	243.4	289.4	352.8	390.2	445.1
Processed	165.8	194.1	221.7	241.0	258.9
Beverages	72.5	92.0	98.3	106.1	111.2
Non-processed	5.1	3.4	32.8	43.2	75.1
Ebit	27.8	38.6	48.2	55.5	64.6
Processed	21.9	28.5	32.1	36.1	38.3
Beverages	6.4	9.3	8.8	10.1	10.6
Non-processed	(0.5)	0.8	7.2	9.3	15.8

Appendix 3: Summary financials

Summary P&L forecast (US\$m)						
Year to 31 December	2006A	2007A	2008CL	2009CL	2010CL	
Revenue	243	289	353	390	445	
Operating Ebitda	36	48	60	68	78	
Operating Ebit	28	39	48	56	65	
Interest income	4	2	3	3	3	
Interest expense	(4)	(3)	(6)	(6)	(7)	
Other items	0	0	0	0	0	
Profit before tax	28	38	45	52	61	PEZA tax incentives
Taxation	(7)	1	(9)	(10)	(11)	lower the overall
Minorities and other	0	0	0	0	0	tax rate.
Profit	21	39	37	42	49	
Summary cashflow forecast (US	\$m)					
Operating Ebit	28	39	48	56	65	
Depreciation/amort	8	9	11	12	14	
Working capital - trade	(18)	(7)	(14)	(8)	(12)	
Other operating items	(6)	(44)	(9)	(5)	(8)	
Operating cashflow	12	(4)	37	54	58	<
Net interest/taxes/other	(4)	(7)	(11)	(12)	(14)	
Cashflow	9	(11)	25	42	44	
Capital expenditure	(9)	(21)	(18)	(20)	(25)	
Acq/inv/disposals	(9)	(21)	(13)	(20)	(23)	
Free Cashflow			7	22	19	Strong cashflow
Ord div paid/Other items	(1)	(33)				generation.
	(9)	7	(27)	(31)	(36)	
Decrease in net debt	(10)	(26)	(20)	(9)	(17)	
Summary balance sheet forecas		15	10	17	0	
Cash & equivalents	52	15	19	17	9	
Debtors - trade	46	64	78	87	99	
Inventories - trade	45	62	75	83	95	
Other current assets	44	79	88	93	101	
Fixed assets	56	68	75	83	94	
Intangible assets	16	25	25	25	25	This is assuming larger-
Other term assets	7	8	10	11	12	than-guided capex,
Total assets	266	322	371	399	435	and a 75% dividend
Short-term debt	45	35	59	66	75	payout ratio.
Creditors - trade	34	61	74	82	93	
Other current liabs	4	3	3	4	5	
Long-term debt/CBs	2	1	1	1	1	
Other long-term liabs	8	1	1	1	2	
Minorities/other equity	0	0	0	0	0	
Shareholder funds	174	221	232	245	260	We have conservative
Total liabs & equity	266	322	371	399	435	growth estimates,
Ratio analysis		_				2009 is the base effect
Revenue growth (%)	9.5	18.9	21.9	10.6	14.1	
Op Ebitda growth (%)	4.6	33.4	24.3	14.1	15.3	from 2008's new
Op Ebit growth (%)	15.8	38.6	25.0	15.1	16.5	product segment.
Op Ebitda margin (%)	14.7	16.5	16.9	17.4	17.6	
Op Ebit margin (%)	11.4	13.3	13.7	14.2	14.5	
Net profit margin (%)	8.6	13.5	10.4	10.9	11.1	
Dividend payout (%)	74.9	74.0	70.0	70.0	70.0	
Tax rate (%)	23.8	(3.9)	18.8	18.6	18.5	
Ebitda/net int exp (x)						
	164.5	55.5	20.3	20.5	19.8	
Net debt/equity (%)	(3.1)	9.3	17.5	20.2	25.8	Improving margins from
Gross debt/equity (%)	26.5	16.1	25.9	27.1	29.1	tax incentives, cost-
Net debt/op Ebitda (x)	(0.2)	0.4	0.7	0.7	0.9	cutting initiatives
Gross debt/op Ebitda (x)	1.3	0.7	1.0	1.0	1.0	and new business.
Return on equity (%)	12.6	19.8	16.2	17.8	19.6	and new business.
ROCE (%)	17.7	18.8	18.7	19.6	20.8	
Return on assets (%)	8.1	13.3	10.6	11.0	11.9	

The CLSA Group, CLSA's analysts and/or their associates do and from time to time seek to establish business or financial relationships with companies covered in their research reports. As a result, investors should be aware that CLSA and/or such individuals may have one or more conflicts of interests that could affect the objectivity of this report. The Hong Kong Securities and Futures Commission requires disclosure of certain relationships and interests with respect to companies covered in CLSA's research reports and the securities of which are listed on The Stock Exchange of Hong Kong Limited and such details are available at www.clsa.com/research-disclosures. Disclosures therein include the position of the CLSA Group only and do not reflect those of Calyon and/or its affiliates. If investors have any difficulty accessing this website, please contact webadmin@clsa.com on (852) 2600 8111. If you require disclosure information on previous dates, please contact compliance_hk@clsa.com



Research & sales offices

www.clsa.com

China – Beijing

CLSA Beijing Unit 10-12, Level 25 China World Trade Centre Tower 2 1 Jian Guo Men Wai Ave Beijing 100004 Tel : (86) 10 5965 2188 Fax : (86) 10 6505 2209

China – Shanghai

CLSA Shanghai 3/F, Suites 305-310 One Corporate Avenue No.222 Hubin Road Luwan District, Shanghai 200021 Tel : (86) 21 2306 6000 Fax : (86) 21 6340 6640

China – Shenzhen

CLSA Shenzhen Room 3111, Shun Hing Square Di Wang Commercial Centre 5002 Shennan Road East Shenzhen 518008 Tel : (86) 755 8246 1755 Fax : (86) 755 8246 1754

Dubai

Calyon Gulf Dubai World Trade Centre Level 32 PO Box 9256 Dubai United Arab Emirates Tel : (9714) 331 4211 Fax : (9714) 331 3201

Hong Kong

CLSA Hong Kong 18/F, One Pacific Place 88 Queensway Hong Kong Tel : (852) 2600 8888 Fax : (852) 2868 0189

India **CLSA** India 8/F, Dalamal House Nariman Point Mumbai 400 021 Tel : (91) 22 6650 5050 Fax : (91) 22 2284 0271

Indonesia

CLSA Indonesia WISMA GKBI Suite 901 JI Jendral Sudirman No.28 Jakarta 10210 Tel : (62) 21 2554 8888 Fax : (62) 21 574 6920

Japan

Calyon Securities Japan 15/F, Shiodome Sumitomo Building 1-9-2, Higashi-Shimbashi Minato-ku, Tokyo 105-0021 Tel : (81) 3 4580 5533 (General) (81) 3 4580 8722 (Trading) Fax : (81) 3 4580 5896

Korea

CLSA Korea 15/F, Sean Building 116, 1-Ka, Shinmun-Ro Chongro-Ku Seoul, 110-061 Tel : (82) 2 397 8400 Fax : (82) 2 771 8583

Malaysia

CLSA Malaysia Suite 20-01 Level 20 Menara Dion 27 Jalan Sultan Ismail 50250 Kuala Lumpur Tel : (60) 3 2056 7888 Fax : (60) 3 2056 7988

Philippines

CLSA Philippines 19/F, Tower Two The Enterprise Center
 The Enterprise Center

 6766 Ayala corner Paseo de Roxas

 Makati City

 Tel : (63) 2 860 4000

 Fax : (63) 2 860 4051

Singapore

CLSA Singapore 9 Raffles Place, No.19-20/21 Republic Plaza II Singapore 048619 Tel : (65) 6416 7888 Fax : (65) 6533 8922

Taiwan

CLSA Taiwan 27/F, 95, Tun Hwa South Road Section 2 Taipei Tel : (886) 2 2326 8188 Fax : (886) 2 2326 8166



CLSA is certified ISO14001:2004

CarbonNeutral[®] company

Thailand

CLSA Thailand 16/F, M. Thai Tower All Seasons Place 87 Wireless Road, Lumpini Pathumwan, Bangkok 10330 Tel : (66) 2 257 4600 Fax : (66) 2 253 0532

USA

Calyon Securities (USA) Calyon Building 1301 Avenue of The Americas New York, New York 10019 Tel : (1) 212 408 5888 Fax : (1) 212 261 2502

United Kingdom

CLSA (UK) 12/F Moor House, 120 London Wall, London EC2Y 5ET Tel : (44) 207 614 7000 Fax : (44) 207 614 7070



At CLSA we support sustainable development We print on paper sourced from environmentally conservative factories that only use fibres from plantation forests. Please recycle

Key to CLSA investment rankings: BUY = Expected to outperform the local market by >10%; **O-PF** = Expected to outperform the local market by 0-10%; **U-PF** = Expected to underperform the local market by 0-10%; **SELL** = Expected to underperform the local market by >10%. Performance is defined as 12-month total return (including dividends).

©2008 CLSA Asia-Pacific Markets ("CLSA").

This publication/communication is subject to and incorporates the terms and conditions of use set out on the www.clsa.com website. Neither the publication/ communication nor any portion hereof may be reprinted, sold or redistributed without the written consent of CLSA. MICA (P) 126/01/2008. V. 080122.

communication nor any portion hereof may be reprinted, sold or redistributed without the written consent of CLSA. MICA (P) 126/01/2008. V. 080122. CLSA has produced this publication/communication for private circulation to professional and institutional clients only. The information, opinions and estimates herein are not directed at, or intended for distribution to or use by, any person or entity in any jurisdiction where doing so would be contrary to law or regulation or which would subject CLSA to any additional registration or licensing requirement within such jurisdiction. The information and statistical data herein have been obtained from sources we believe to be reliable. Such information or as not been independently verified and we make no representation or warranty as to its accuracy, completeness or correctness. Any opinions or estimates herein reflect the judgment of CLSA at the date of this publication/ communication and are subject to change at any time without notice. Where any part of the information, opinions or estimates contained herein reflects the views and opinions of a sales person or a non-analyst, such views and opinions may not correspond to the published view of the CLSA research group. This is not a solicitation or any offer to buy or sell. This publication/communication is for information purposes only and is not intended to provide professional, investment or any other type of advice or recommendation and does not take into account the particular investment objectives, financial situation or needs of individual recipients. Before acting on any information and opinions contained herein. To the extent permitted by applicable securities laws and regulations, CLSA accepts no liability whatsoever for any direct or consequential loss arising from the use of this publication/communication or its contents. Subject to any applicable laws and regulations, CLSA accepts no liability whatsoever for any direct or consequential loss arising from the use of this publication and may have used the inf publication and may have positions in, may from time to time purchase or sell or have a material interest in any of the securities mentioned or related securities or may currently or in future have or have had a relationship with, or

may provide or have provided investment banking, capital markets and/or other services to, the entities referred to herein, their advisors and/or any other connected parties.

This research report is being distributed into the United States of America by CLSA solely to persons who qualify as "Major U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934 and who deal with CALYON. However, the delivery of this research report to any person in the United States shall not be deemed a recommendation to effect any transactions in the securities discussed herein or an endorsement of any opinion expressed herein. Any recipient of this research in the United States wishing to effect a transaction in any recurity mentioned herein should do so by contacting transactions in the securities discussed herein the United States wishing to the securities discussed herein the should do so by contacting the securities discussed herein the sould do so by contacting the securities discussed he effect a transaction in any security mentioned herein should do so by contacting Calyon Securities (USA), Inc. (a broker-dealer registered with the Securities and Exchange Commission) and an affiliate of CLSA. Japan: This publication/communication is distributed in Japan by Calyon Securities Japan, a member of the JSDA licensed to use the "CLSA" logo in Japan.

United Kingdom: Notwithstanding anything to the contrary herein, the following applies where the publication/communication is distributed in and/or into the applies where the publication/communication is distributed in and/or into the United Kingdom. This publication/communication is only for distribution and/or is only directed at persons ("permitted recipients") who are (i) persons falling within Article 19 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2001 (the "FPO") having professional experience in matters relating to investments or high net worth companies, unincorporated associations etc. falling within Article 49 of the FPO, and (ii) where an unregulated collective investment scheme (an "unregulated CIS") is the subject of the publication/communication, also persons of a kind to whom the unregulated CIS may lawfully be promoted by a person authorised under the Financial Services and Markets Act 2000 ("FSMA") by virtue of Section 238(5) of the FSMA. The investments or services to which this publication/communication relates are available only to permitted recipients. by virtue of Section 238(5) of the FSMA. The investments or services to which this publication/communication relates are available only to permitted recipients and persons of any other description should not rely upon it. This publication/ communication may have been produced in circumstances such that it is not appropriate to categorise it as impartial in accordance with the FSA Rules. The analyst/s who compiled this publication/communication hereby state/s and confirm/s that the contents hereof truly reflect his/her/their views and opinions on the oubject matter and that the application hereby here publication/

on the subject matter and that the analyst/s has/have not been placed under any undue influence or pressure by any person/s in compiling such publication/ communication.

MSCI-sourced information is the exclusive property of Morgan Stanley Capital International Inc. (MSCI). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, redisseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI and y of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI, Morgan Stanley Capital International and the MSCI indexes are services marks of MSCI and its affiliates. The Global Industry Classification Standard (GICS) was developed by and is the exclusive property of Morgan Stanley Capital International Inc. and Standard & Poor's. GICS is a service mark of MSCI and S&P and has been licensed for use by CLSA Asia-Pacific Markets.