Equities

14 November 2011 | 12 pages

DLF (DLF.BO)

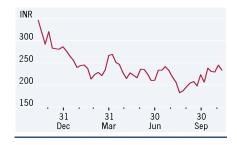
Q2FY12: A Slow Quarter Operationally

- Revenue/PAT up 4% QoQ Revenue came in at ~Rs 25.3b, up 7% YoY/4% QoQ-large portion of ~Rs 6 b of FSI sales was recognized. Margins at 46% improved 100bps QoQ- management expects steady ~45% margins going forward. PAT at ~Rs3.7b declined 11% YoY (higher interest cost & taxes/lower other income), up 4% QoQ. Headlines numbers were ahead of expectations led by higher Topline/better margins.
- Slow sales & launches in Q2, as expected Sale of 1.3msf in Q2 (~0.6msf in plotted, remaining in mid-income homes) vs 2.2msf in Q1. Launches largely absent in Q2 due to delayed approvals—~0.5msf added to execution schedule. Company has a 6.5-7.5msf launch pipeline in 2H approvals in place for ~3.0msf expected in CY11.
- Net D/E remains high at 0.81x... This is versus 0.79x in Q1 and was led by net debt increase of Rs 10b- Rs 1.4b was due to non-cash forex impact on Aman Resorts' offshore loans and remaining led by bunching up of some payments and divestment cash flow delays. Company is targeting debt reduction of ~Rs 30b by FY12 end.
- ...Clarity emerging on asset sales While land FSI sale of ~3.0msf has already come through and collection is under way, other transactions expected to close in Q3-(1) Noida IT park sale definitive agreement signed, (2) Pune SEZ sale documentation in process with approvals in place, (3) Aman resorts received 4 bids, evaluation is on.
- Other updates (1) Net leasing was weak at 0.2msf led by a cancellation of 0.4msf in Chennai property. In 1H, 0.9msf of net leasing (gross-1.6msf) has been concluded-FY12 guidance remains unchanged. (2) Delivered 2.2msf in 1H; company is looking to hand over >12msf in FY12. (3) Cost of debt is ~12.3% (vs. 11.8% in end of Q1).
- Tweak Estimates, New TP of Rs 271 Based on 1H performance and management commentary, we have modified our assumptions relating to cost of capital, reduced land bank and increased net debt. 2H is typically more robust and should see volumes improving, along with visible initiatives on deleveraging. DLF remains relatively better positioned within large-cap/liquid property stocks.

- Company Update
- Target Price Change
- Estimate Change

Buy	1
Price (11 Nov 11)	Rs228.35
Target price	Rs271.00
from Rs280.00	
Expected share price return	18.7%
Expected dividend yield	0.9%
Expected total return	19.6%
Market Cap	Rs387,768M
	US\$7,758M

Price Performance (RIC: DLF.BO, BB: DLFU IN)



Statistical Abstract

Year to	Net Profit	Diluted EPS	EPS growth	P/E	P/B	ROE	Yield
31 Mar	(RsM)	(Rs)	(%)	(x)	(x)	(%)	(%)
2010A	17,198	10.13	-61.5	22.5	1.6	7.3	0.9
2011A	16,396	9.66	-4.7	23.6	1.6	6.7	0.9
2012E	17,072	10.06	4.1	22.7	1.5	6.8	0.9
2013E	22,674	13.36	32.8	17.1	1.4	8.7	0.9
2014E	27,057	15.94	19.3	14.3	1.3	9.7	0.9

Source: Powered by dataCentral

Surendra Goyal, CFA +91-22-6631-9870 surendra.goyal@citi.com

Vidhi Sodhani

+91-22-6631-9854 vidhi.sodhani@citi.com

See Appendix A-1 for Analyst Certification, Important Disclosures and non-US research analyst disclosures.

Citi Investment Research & Analysis is a division of Citigroup Global Markets Inc. (the "Firm"), which does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the Firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Fiscal year end 31-Mar	2010	2011	2012E	2013E	2014E
Valuation Ratios					
P/E adjusted (x)	22.5	23.6	22.7	17.1	14.3
P/E reported (x)	22.5	23.6	22.7	17.1	14.3
P/BV (x)	1.6	1.6	1.5	1.4	1.3
Dividend yield (%)	0.9	0.9	0.9	0.9	0.9
Per Share Data (Rs)					
EPS adjusted	10.13	9.66	10.06	13.36	15.94
EPS reported	10.13	9.66	10.06	13.36	15.94
BVPS	144.41	144.45	149.73	158.31	169.48
NAVps ordinary	na	na	na	na	na
DPS	2.00	2.00	2.00	2.00	2.00
Profit & Loss (RsM)					
Net operating income (NOI)	39,819	43,248	52,871	60,699	67,516
G&A expenses	-4,703	-5,721	-6,580	-7,566	-8,701
Other Operating items	-3,241	-6,219	-6,323	-6,540	-6,851
EBIT including associates	31,875	31,308	39,968	46,593	51,964
Non-oper./net int./except.	-6,820	-11,217	-16,778	-15,913	-15,417
Pre-tax profit	25,054	20,090	23,190	30,680	36,547
Tax	-7,022	-4,594	-5,777	-7,649	-9,115
Extraord./Min. Int./Pref. Div.	-834	900	-3,777	-7,04 <i>9</i> -357	-3,115
Reported net income	17,198	16,396	17,072	22,674	27,057
Adjusted earnings	17,198	16,396	17,072	22,674	27,057
Adjusted EBIT	31,866	31,219	39,888	46,509	51,876
Adjusted EBITDA	35,116	37,527	46,291	53,133	58,814
Growth Rates (%)	33,110	31,321	40,231	55,155	30,014
NOI	-34.3	8.6	22.3	14.8	11.2
	-34.3 -40.6	-2.0	22.3 27.8	16.6	11.5
EBIT adjusted					
EPS adjusted	-61.5	-4.7	4.1	32.8	19.3
Cash Flow (RsM)					
Operating cash flow	86,847	31,506	16,185	27,956	30,109
Depreciation/amortization	3,249	6,307	6,403	6,624	6,939
Net working capital	57,432	-4,772	-6,517	-1,699	-4,262
Investing cash flow	-163,024	40,570	-6,993	-12,000	-15,000
Capital expenditure	-131,971	-4,205	-1,880	-12,000	-15,000
Acquisitions/disposals	0	0	0	0	0
Financing cash flow	74,175	-64,034	-18,432	-12,107	-12,107
Borrowings	53,811	23,157	-10,324	-4,000	-4,000
Dividends paid	-3,395	-3,395	-3,395	-3,395	-3,395
Change in cash	-2,003	8,041	-9,239	3,848	3,001
Balance Sheet (RsM)					
Total assets	617,658	639,990	645,336	664,905	685,670
Cash & cash equivalent	9,282	13,461	4,456	7,948	10,574
Net fixed assets	276,868	281,841	277,318	282,694	290,755
Total liabilities	307,053	370,917	366,723	371,726	373,541
Total Debt	216,766	239,903	229,578	225,578	221,578
Shareholders' funds	310,605	269,073	278,613	293,180	312,129
Profitability/Solvency Ratios					
EBIT margin adjusted (%)	42.9	32.7	38.8	40.0	40.2
ROE adjusted (%)	7.3	6.7	6.8	8.7	9.7
ROA adjusted (%)	3.1	2.6	2.7	3.5	4.0
Net debt to equity (%)	66.8	84.2	80.8	74.2	67.6
Interest coverage (x)	3.2	2.2	2.3	2.7	3.0
misitor of orago (A)	0.2		2.0	1	0.0

For further data queries on Citi's full coverage universe please contact CIRA Data Services Asia Pacific at CIRADataServicesAsiaPacific@citi.com or +852-2501-2791



Financial Performance: Beat Expectations

3,739

-165.6

41.5

3,615

-31.7

3,584

Figure 1. Q2 & 1H-FY12 Results Snapshot (in Rs Millions)

4,186

-69.2

-0.5

4,117

67.3

4,184

	2QFY11	1QFY12	2QFY12	YoY	QoQ	1HFY12	YoY
Net Sales	23,690	24,458	25,324	7%	4%	49,782	13%
Total Expenditure	14,401	13,349	13,594			26,943	
Operating Profit	9,289	11,110	11,730	26%	6%	22,840	20%
OPMs	39%	45%	46%			46%	
Interest	4,338	4,964	5,263	21%	6%	10,227	24%
Other Income	1508.5	574	448	-70%	-22%	1,022	-64%
Depreciation	1,540	1,702	1,753	14%	3%	3,455	14%
PBT	4,920	5,018	5,161	5%	3%	10,179	-4%
PBT margins	21%	21%	20%			20%	
Total Tax	734	1,278	1,475	101%	15%	2,753	14%
Effective tax rate (%)	15%	25%	29%			27%	

3,686

0.4

-4.6

42

3,682

3,724

-12%

-11%

-11%

7,426

-165

7,297

7,308

37

10

-1%

4%

-10%

-11%

-12%

steady at ~45% levels going forward

Source: Company

Adjusted Pat

Less: Minority Interest

Add: Share of Associates

Extra-ordinary Items/Prior

PAT

period **Net Profit**

Revenue comprises portion of ~Rs 6.0b

Management expects margins to remain

FSI sale carried out in Q2

Investments increase refers to deployment of idle cash in mutual funds

Debt increase of Rs 10b comprises Rs 1.4b on account of forex impact (is non cash) and rest is actual debt increase

Figure 2. Balance Sheet (in Rs Million	ıs)
--	-----

Sources of Funds	Sept-11	Jun-11
Shareholders funds		
Capital	21,500	21,499
Reserves and Surplus	245,100	248,726
Minority Interests	5,920	6,160
Loan Funds	238,630	254,498
	511,150	530,883
Application of Funds		
Fixed Assets (incl CWIP)	284,110	285,070
Investments	9,610	15,039
Goodwill on consolidation	15,060	15,086
Def tax assets	1,260	1,469
Stocks	152,610	152,338
Sundry debtors	18,180	19,540
Cash & bank balances	11,040	11,820
Loans and advances	75,850	80,572
Other current assets	77,030	79,361
Current assets, loans & adv	334,710	343,632
Liabilities	94,260	91,049
Provisions	39,340	38,365
Current liab and provisions	133,600	129,414
Net current assets	201,110	214,218
	511,150	530,883

Source: Company

E: 2	Cook Flour	Extract.	As at Can	44	(in Re Millione)

Cash flow form operating activities	11,130
Interest/div received	1,310
Change in long term debt	14,500
Interest paid	-12,740
Dividends paid	-5,010
Сарех	-5,010

Source: Company

Weak Operating Performance, as expected

1.3 msf of gross sales in Q2 includes Gurgaon (sec - 91/92) - 0.4 msf, Indore plotted development - 0.2msf and midincome homes of 0.7msf

Launches have been slow so far in the year...partly leading to lower sales momentum.

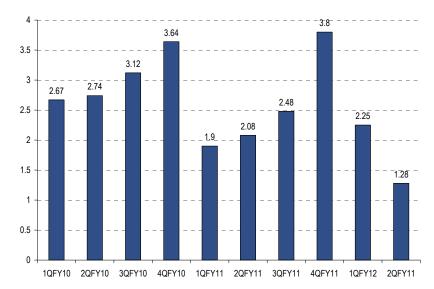
Company has indicated 6.5-7.5msf of launches in 2H across Mullanpur, Panchkula, Gurgaon, Lucknow & Bangalore (~1 msf group housing already launched)

Net leasing dropped to ~0.2msf in Q2- led by cancellation of 0.4msf in Chennai property

Leasing has been relatively muted in 1H-0.9msf (gross 1.6msf). FY12 guidance of 2.5-3msf has been left unchanged

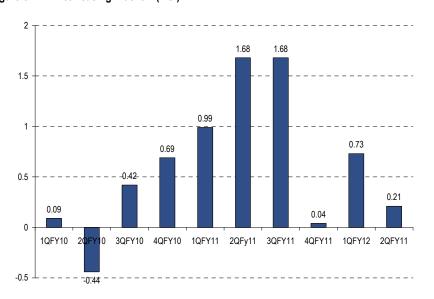
Increasing rental income annuity (~Rs. 3.9b for Q2 vs Rs 3.65b in Q1) is comforting

Figure 4. DLF Sales Tracker (msf)



Source: Company

Figure 5. DLF Net Leasing Tracker* (msf)



Source: Company (* after taking into account adjustments and cancellations)

Figure 6. Valuation Snapshot (in Rs/share)

Base NAV	345
NAV -15% price cut	258
Probability	50%
Blended NAV	302
Avg Disc to NAV	10%
Target Price	271

Source: Citi Investment Research and Analysis

Tweak Estimates; New TP/NAV of Rs 271/345

We revisit our assumptions/estimates based on the macro environment, company disclosures and 1H-FY12 performance. We decrease our base NAV estimate by ~3% to Rs 345/share (vs. Rs 355 earlier). We maintain our valuation methodology - assume 50% probability of 15% price cut to arrive at average NAV of Rs 302 (vs. Rs 311 earlier). Key changes:

- Based on disclosures as at Sept-11, updated net debt and land bank.
- Cost of Capital of 15.3% vs 15.5% earlier. This incorporates cost of debt (12.75%); long-term D/E of 0.7x and beta of 1.5 based on Bloomberg.

Figure 7. DLF – Base NAV Summar	y	(in l	Rs	Millions	١
---------------------------------	---	-------	----	----------	---

Gross NAV Residential	628,522
Gross NAV Non-Residential	278,823
Total Gross NAV for Development business	907,346
Less: Amt outstanding for land	14,000
Less: Tax @ 25%	223,336
Less: Net Debt outstanding (ex-Promoter CCPS)	209,190
Add: Non Core asset sales	21,038
Less: Customer Advances	31,850
Net NAV for Development business	450,007
Add: Value of -	
Rent Yielding Assets (~24msf in total)- 60% stake valued	93,355
Other Businesses	26,250
Total Value	569,611
No. of Shares Outstanding (m)	1,651
Base NAV Per Share (Rs)	345
Source: Citi Investment Research and Analysis	

Changes in Earnings

We have revisited our assumptions/estimates based on 1H performance, management commentary and disclosures and overall operating environment. We largely maintain our numbers till the EBITDA line but tinker our estimates on items like other income, interest expense, depreciation and minority interest and associate income. This results in earnings cut of ~2-6% across FY12E-FY14E.

Figure 8. Change in Earnings

	FY12E				FY13E			FY14E			
	New	Old	Change	New	Old	Change	New	Old	Change		
Total Revenues (Rs m)	102,707	102,707	0%	116,165	116,165	0%	128,987	128,987	0%		
EBITDA (Rs m)	46,291	46,291	0%	53,133	53,133	0%	58,814	58,814	0%		
Net Profit (Rs m)	17,072	18,098	-6%	22,674	23,435	-3%	27,057	27,567	-2%		
EPS (Rs)	10.06	10.66	-6%	13.36	13.80	-3%	15.94	16.24	-2%		

Source: Citi Investment Research and Analysis estimates

Other key takeaways

- Slow launches in Q2...- Management highlighted that both Mullanpur and Panchkula were due for launch in Q2. Due to delayed approvals, they were pushed to Q3. Now the approvals are in place for them and for Lucknow and three should get launched by December.
- ...7-8msf of launches to come in 2H- Launches typically gets bundled up in Q3 and Q4 for DLF due to festivities around this time. So 2H should be strong as they have listed a pipeline of 6.5-7.5msf (see Fig 9).

Figure 9. Upcoming Launches

Location	Asset Class	Area (msf)	Status
Mullanpur	Plots	1.0	Approvals in place
Panchkula	Plots	1.0-1.5	Approvals in place
Gurgaon	Plots	0.5	
Lucknow	Plots	1.5	Approvals in place
Gurgaon	Group Housing	1.5-2.0	
Bangalore	Group Housing	1	0.7msf launched already in Rajapura

Source: Company

- Capex Updates- Rs 1.4b was towards land replenishment in Q2 of the total capex spend of Rs 2.3b. In 1HFY12, Rs 3.7b land capex was made of the total Rs 6.1b. Land aggregation is only taking place in two locations largely Mullanpur and some pockets in New Gurgaon. Management expects Rs 2.0-2.5b/quarter will be spent on land capex.
- Rs 10b debt increase- Forex impact of debt (USD 240m offshore loans in the books of Aman Resorts) was to the tune of Rs 1.4b (non cash). Rest is actual debt increase as divestments proceeds for delayed and certain payments came in typically in Sept. While the current net debt is of ~Rs 225b, company is targeting to reach Rs 190-195b by end of FY12.

■ Roadmap for asset sales in place-

- (1) All approvals are in place for Pune SEZ sale. Now delays are on account of documentation process between parties
- (2) Noida IT park sale definitive agreement has been signed. However, post transaction closure, 50% cash flow will be milestone driven (as property is 50% leased currently) and remaining will come upfront in Q3
- (3) Four bids have been received for Hospitality asset and is currently being evaluated
- (4) For Phase II divestments of Rs 40b, company has list in place which includes 2-3 big ticket size assets but no further details were shared as of now.

The first three, along with ~3.0msf of land FSI sales, is expected to yield cash flow of ~Rs 30b in FY12.

- Working capital deteriorated in Q2 as (1) collections have been running behind schedule due to shortage of labour (ie construction linked installments) (2) launches have been slow
- Appellate hearing has begun for the IT tax demands on SEZ profits.
- Delivery of ~9.5msf in Ph-V Gurgaon in FY12– residual 10-15% collections are left while 15-17% outflow is yet to happen. For remaining deliveries (~3.5msf) expected in FY12, 35-40% collections are yet to be made.
- Vacancy is ~2.0msf of the total 24msf (specifically in 2-3 buildings).

Current net debt is of ~Rs 225b-Company is targeting to reach Rs 190-195b by FY12 end

Asset sales expected to yield cash flow of ~Rs 30b in FY12

DLF

Company description

DLF is one of India's oldest real estate developers. Established in Delhi in 1946, it has continued to expand and diversify its real estate businesses, and is among the largest developers in India. It has historically built its businesses in Delhi and adjoining areas, known as the National Capital Region (NCR). DLF has diversified into other geographic locations over the past few years. These expansions are spread across India, with a focus on the Northern India belt, Kolkata, Mumbai, Chennai, and a number of other large and rapidly growing cities. DLF enjoys a strong brand franchise with a good track record in execution and delivery. This is the flagship company of the KP Singh family, with the founders holding a 78.6% stake. It is one of India's largest developers, with a diversified asset portfolio and an emerging pan-India presence.

Investment strategy

We rate DLF as Buy (1) with a target price of Rs271. We view DLF as differentiated by: (a) Rent yielding assets with >Rs 15b annuity run-rate already in place - meaningfully higher than peers; (b) High quality land bank - particularly in Gurgaon/metros; (c) Track record of quality/execution. A pickup in the commercial segment should benefit DLF the most, while monetization of rent yielding assets at a later stage could unlock significant value. Also, overhang of DAL-DLF integration is out of the way. While liquidity appears slightly stretched for DLF, given its execution track record, growing rental income, and geographic-asset mix, we continue to believe the company is strongly positioned versus peers.

Valuation

Our Rs 271 target price is based on a 10% discount to our blended Sept-12E NAV of Rs 302. DLF has significant exposure to the NCR region. We believe chances of price cuts are quite probable, given the price hikes the region has seen since the last downturn. Hence, we have assigned 50% probability of potential 15% price cuts to arrive at our TP. This is in line with our valuation methodology for the sector. Our Sept-12E base NAV (ex-price cut) of Rs 345 incorporates Rs272 for the development portfolio and Rs72 for other asset holdings (mainly lease asset portfolio at Rs57). The lower discount vs. peers (10%-25%) is attributed to DLF's: 1) rich land bank vs peers; 2) superior business model and execution track record; and 3) strong rental annuity flow of >Rs15b/annum. Our Sept-12E base NAV is based on: 1) development portfolio of ~359 msf; 2) rental assets of ~24 msf; 3) cap rate of 10%-11% for commercial/IT Park, IT SEZs; 4) Increased cost of capital of 15.3%; and 5) a tax rate of 25%.

Risks

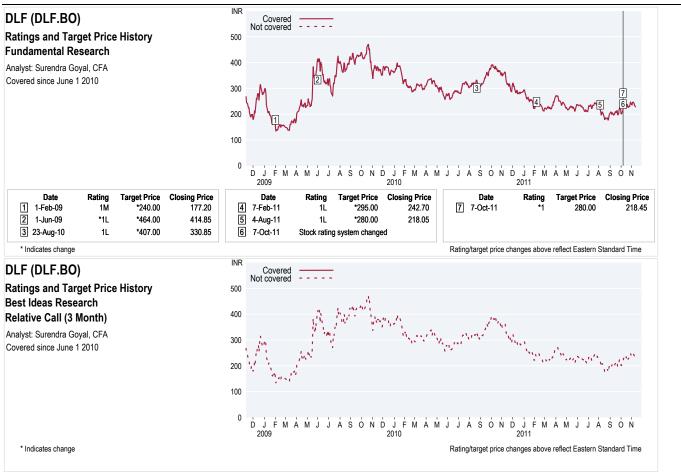
The key risks to our investment thesis on DLF are: 1) DLF's deleveraging remains contingent on non-core asset sales (2) Any delays in upcoming launches / slow response to launches could be detrimental (3) Slowdown in the IT/ITES industry could lead to a decline in demand for commercial real estate (4) execution delays further to what we have built in already (5) Slowdown in capital inflows or measures to regulate FDI in the real estate sector. If any of these risk factors has a greater downside impact than we anticipate, the share price will likely have difficulty attaining our target price.

Appendix A-1

Analyst Certification

The research analyst(s) primarily responsible for the preparation and content of this research report are named in bold text in the author block at the front of the product except for those sections where an analyst's name appears in bold alongside content which is attributable to that analyst. Each of these analyst(s) certify, with respect to the section(s) of the report for which they are responsible, that the views expressed therein accurately reflect their personal views about each issuer and security referenced and were prepared in an independent manner, including with respect to Citigroup Global Markets Inc and its affiliates. No part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) expressed by that research analyst in this report.

IMPORTANT DISCLOSURES



Citigroup Global Markets Inc. or its affiliates expects to receive or intends to seek, within the next three months, compensation for investment banking services from DLF.

Citigroup Global Markets Inc. or an affiliate received compensation for products and services other than investment banking services from DLF in the past 12 months

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as investment banking client(s): DLF.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as clients, and the services provided were non-investment-banking, securities-related: DLF.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as clients, and the services provided were non-investment-banking, non-securities-related: DLF.

Analysts' compensation is determined based upon activities and services intended to benefit the investor clients of Citigroup Global Markets Inc. and its affiliates ("the Firm"). Like all Firm employees, analysts receive compensation that is impacted by overall firm profitability which includes investment banking revenues.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Investment Research & Analysis product ("the Product"), please contact Citi Investment Research & Analysis, 388 Greenwich Street, 28th Floor, New York, NY, 10013, Attention: Legal/Compliance [E6WYB6412478]. In addition, the same important disclosures, with the exception of the Valuation and Risk assessments and historical disclosures, are contained on the Firm's disclosure website at www.citigroupgeo.com. Valuation and Risk assessments can be found in the text of the most recent research note/report regarding the subject company. Historical disclosures (for up to the past three years) will be provided upon request.

Citi Investment Research & Analysis Ratings Distribution

	12 Wonth Raung			Relative Rating		
Data current as of 9 Oct 2011	Buy	Hold	Sell	Buy	Hold	Sell
Citi Investment Research & Analysis Global Fundamental Coverage	59%	34%	7%	10%	79%	10%
% of companies in each rating category that are investment banking clients	45%	42%	37%	50%	43%	46%

Guide to Citi Investment Research & Analysis (CIRA) Fundamental Research Investment Ratings:

CIRA's stock recommendations include an investment rating and an optional risk rating to highlight high risk stocks.

Risk rating takes into account both price volatility and fundamental criteria. Stocks will either have no risk rating or a High risk rating assigned. Investment Ratings: CIRA's investment ratings are Buy, Neutral and Sell. Our ratings are a function of analyst expectations of expected total return ("ETR") and risk. ETR is the sum of the forecast price appreciation (or depreciation) plus the dividend yield for a stock within the next 12 months. The Investment rating definitions are: Buy (1) ETR of 15% or more or 25% or more for High risk stocks; and Sell (3) for negative ETR. Any covered stock not assigned a Buy or a Sell is a Neutral (2). For stocks rated Neutral (2), if an analyst believes that there are insufficient valuation drivers and/or investment catalysts to derive a positive or negative investment view, they may elect with the approval of CIRA management not to assign a target price and, thus, not derive an ETR. Analysts may place covered stocks "Under Review" in response to exceptional circumstances (e.g. lack of information critical to the analyst's thesis) affecting the company and / or trading in the company's securities (e.g. trading suspension). As soon as practically possible, the analyst will publish a note re-establishing a rating and investment thesis. To satisfy regulatory requirements, we correspond Under Review and Neutral to Hold in our ratings distribution table for our 12-month fundamental rating system. However, we reiterate that we do not consider Under Review to be a recommendation. Relative three-month ratings: CIRA may also assign a three-month relative call (or rating) to a stock to highlight expected out-performance (most preferred) or under-performance (least preferred) versus the geographic and industry sector over a 3 month period. The relative call may highlight a specific near-term catalyst or event impacting the company or the market that is anticipated to have a short-term price impact on the equity securities of the company. Absent any specific catalyst the analyst(s) will indicate the most and least preferred stocks in the universe of stocks under consideration, explaining the basis for this short-term view. This three-month view may be different from and does not affect a stock's fundamental equity rating, which reflects a longer-term total absolute return expectation. For purposes of NASD/NYSE ratings-distribution-disclosure rules, most preferred calls correspond to a buy recommendation and least preferred calls correspond to a sell recommendation. Any stock not assigned to a most preferred or least preferred call is considered non-relative-rated (NRR). For purposes of NASD/NYSE ratings-distribution-disclosure rules we correspond NRR to Hold in our ratings distribution table for our 3-month relative rating system. However, we reiterate that we do not consider NRR to be a recommendation.

Prior to October 8, 2011, the firm's stock recommendation system included a risk rating and an investment rating. **Risk ratings**, which took into account both price volatility and fundamental criteria, were: Low (L), Medium (M), High (H), and Speculative (S). **Investment Ratings** of Buy, Hold and Sell were a function of CIRA's expectation of total return (forecast price appreciation and dividend yield within the next 12 months) and risk rating. Additionally, analysts could have placed covered stocks "Under Review" in response to exceptional circumstances (e.g. lack of information critical to the analyst's thesis) affecting the company and/or trading in the company's securities (e.g. trading suspension). Stocks placed "Under Review" were monitored daily by management and as practically possible, the analyst published a note re-establishing a rating and investment thesis. For securities in developed markets (US, UK, Europe, Japan, and Australia/New Zealand), investment ratings were:Buy (1) (expected total return of 10% or more for Low-Risk stocks, 15% or more for Medium-Risk stocks, 20% or more for High-Risk stocks, and 35% or more for Speculative stocks); Hold (2) (0%-10% for Low-Risk stocks, 0%-15% for Medium-Risk stocks, and 0%-35% for Speculative stocks); and Sell (3) (negative total return). For securities in emerging markets (Asia Pacific, Emerging Europe/Middle East/Africa, and Latin America), investment ratings were:Buy (1) (expected total return of 15% or more for Low-Risk stocks, 20% or more for Medium-Risk stocks, 30% or more for High-Risk stocks, and 40% or more for Speculative stocks); Hold (2) (5%-15% for Low-Risk stocks, 10%-20% for Medium-Risk stocks, 15%-30% for High-Risk stocks, and 20%-40% for Speculative stocks); and Sell (3) (5% or less for Low-Risk stocks, 10% or less for High-Risk stocks, and 20% or less for Speculative stocks).

Investment ratings are determined by the ranges described above at the time of initiation of coverage, a change in investment and/or risk rating, or a change in target price (subject to limited management discretion). At other times, the expected total returns may fall outside of these ranges because of market price movements and/or other short-term volatility or trading patterns. Such interim deviations from specified ranges will be permitted but will become subject to review by Research Management. Your decision to buy or sell a security should be based upon your personal investment objectives and should be made only after evaluating the stock's expected performance and risk.

NON-US RESEARCH ANALYST DISCLOSURES

Non-US research analysts who have prepared this report (i.e., all research analysts listed below other than those identified as employed by Citigroup Global Markets Inc.) are not registered/qualified as research analysts with FINRA. Such research analysts may not be associated persons of the member organization and therefore may not be subject to the NYSE Rule 472 and NASD Rule 2711 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account. The legal entities employing the authors of this report are listed below:

Citigroup Global Markets India Private Limited

Surendra Goyal, CFA; Vidhi Sodhani

OTHER DISCLOSURES

The subject company's share price set out on the front page of this Product is quoted as at 11 November 2011 04:00 PM on the issuer's primary market.

For securities recommended in the Product in which the Firm is not a market maker, the Firm is a liquidity provider in the issuers' financial instruments and may act as principal in connection with such transactions. The Firm is a regular issuer of traded financial instruments linked to securities that may have been recommended in the Product. The Firm regularly trades in the securities of the issuer(s) discussed in the Product. The Firm may engage in securities

transactions in a manner inconsistent with the Product and, with respect to securities covered by the Product, will buy or sell from customers on a principal basis

Securities recommended, offered, or sold by the Firm: (i) are not insured by the Federal Deposit Insurance Corporation; (ii) are not deposits or other obligations of any insured depository institution (including Citibank); and (iii) are subject to investment risks, including the possible loss of the principal amount invested. Although information has been obtained from and is based upon sources that the Firm believes to be reliable, we do not guarantee its accuracy and it may be incomplete and condensed. Note, however, that the Firm has taken all reasonable steps to determine the accuracy and completeness of the disclosures made in the Important Disclosures section of the Product. The Firm's research department has received assistance from the subject company(ies) referred to in this Product including, but not limited to, discussions with management of the subject company(ies). Firm policy prohibits research analysts from sending draft research to subject companies. However, it should be presumed that the author of the Product has had discussions with the subject company to ensure factual accuracy prior to publication. All opinions, projections and estimates constitute the judgment of the author as of the date of the Product and these, plus any other information contained in the Product, are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice. Notwithstanding other departments within the Firm advising the companies discussed in this Product, information obtained in such role is not used in the preparation of the Product. Although Citi Investment Research & Analysis (CIRA) does not set a predetermined frequency for publication, if the Product is a fundamental research report, it is the intention of CIRA to provide research coverage of the/those issuer(s) mentioned therein, including in response to news affecting this issuer, subject to applicable quiet periods and capacity constraints. The Product is for informational purposes only and is n

Investing in non-U.S. securities, including ADRs, may entail certain risks. The securities of non-U.S. issuers may not be registered with, nor be subject to the reporting requirements of the U.S. Securities and Exchange Commission. There may be limited information available on foreign securities. Foreign companies are generally not subject to uniform audit and reporting standards, practices and requirements comparable to those in the U.S. Securities of some foreign companies may be less liquid and their prices more volatile than securities of comparable U.S. companies. In addition, exchange rate movements may have an adverse effect on the value of an investment in a foreign stock and its corresponding dividend payment for U.S. investors. Net dividends to ADR investors are estimated, using withholding tax rates conventions, deemed accurate, but investors are urged to consult their tax advisor for exact dividend computations. Investors who have received the Product from the Firm may be prohibited in certain states or other jurisdictions from purchasing securities mentioned in the Product from the Firm. Please ask your Financial Consultant for additional details. Citigroup Global Markets Inc. takes responsibility for the Product in the United States. Any orders by US investors resulting from the information contained in the Product may be placed only through Citigroup Global Markets Inc.

Important Disclosures for Morgan Stanley Smith Barney LLC Customers: Morgan Stanley & Co. LLC (Morgan Stanley) research reports may be available about the companies that are the subject of this Citi Investment Research & Analysis (CIRA) research report. Ask your Financial Advisor or use smithbarney.com to view any available Morgan Stanley research reports in addition to CIRA research reports.

Important disclosure regarding the relationship between the companies that are the subject of this CIRA research report and Morgan Stanley Smith Barney LLC and its affiliates are available at the Morgan Stanley Smith Barney disclosure website at www.morganstanleysmithbarney.com/researchdisclosures. For Morgan Stanley and Citigroup Global Markets, Inc. specific disclosures, you may refer to www.morganstanley.com/researchdisclosures and https://www.citigroupgeo.com/geopublic/Disclosures/index_a.html.

This CIRA research report has been reviewed and approved on behalf of Morgan Stanley Smith Barney LLC. This review and approval was conducted by the same person who reviewed this research report on behalf of CIRA. This could create a conflict of interest.

The Citigroup legal entity that takes responsibility for the production of the Product is the legal entity which the first named author is employed by. The Product is made available in Australia through Citigroup Global Markets Australia Pty Ltd. (ABN 64 003 114 832 and AFSL No. 240992), participant of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Australia to Private Banking wholesale clients through Citigroup Pty Limited (ABN 88 004 325 080 and AFSL 238098). Citigroup Pty Limited provides all financial product advice to Australian Private Banking wholesale clients through bankers and relationship managers. If there is any doubt about the suitability of investments held in Citigroup Private Bank accounts, investors should contact the Citigroup Private Bank in Australia. Citigroup companies may compensate affiliates and their representatives for providing products and services to clients. The Product is made available in Brazil by Citigroup Global Markets Brasil - CCTVM SA, which is regulated by CVM - Comissão de Valores Mobiliários, BACEN - Brazilian Central Bank, APIMEC -Associação dos Analistas e Profissionais de Investimento do Mercado de Capitais and ANBID - Associação Nacional dos Bancos de Investimento. Av. Paulista, 1111 - 11º andar - CEP. 01311920 - São Paulo - SP. If the Product is being made available in certain provinces of Canada by Citigroup Global Markets (Canada) Inc. ("CGM Canada"), CGM Canada has approved the Product. Citigroup Place, 123 Front Street West, Suite 1100, Toronto, Ontario M5J 2M3. This product is available in Chile through Banchile Corredores de Bolsa S.A., an indirect subsidiary of Citigroup Inc., which is regulated by the Superintendencia de Valores y Seguros. Agustinas 975, piso 2, Santiago, Chile. The Product is made available in France by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 1-5 Rue Paul Cézanne, 8ème, Paris, France. The Product is distributed in Germany by Citigroup Global Markets Deutschland AG ("CGMD"), which is regulated by Bundesanstalt fuer Finanzdienstleistungsaufsicht (BaFin). CGMD, Reuterweg 16, 60323 Frankfurt am Main. Research which relates to "securities" (as defined in the Securities and Futures Ordinance (Cap. 571 of the Laws of Hong Kong)) is issued in Hong Kong by, or on behalf of, Citigroup Global Markets Asia Limited which takes full responsibility for its content. Citigroup Global Markets Asia Ltd. is regulated by Hong Kong Securities and Futures Commission. If the Research is made available through Citibank, N.A., Hong Kong Branch, for its clients in Citi Private Bank, it is made available by Citibank N.A., Citibank Tower, Citibank Plaza, 3 Garden Road, Hong Kong. Citibank N.A. is regulated by the Hong Kong Monetary Authority. Please contact your Private Banker in Citibank N.A., Hong Kong, Branch if you have any queries on or any matters arising from or in connection with this document. The Product is made available in India by Citigroup Global Markets India Private Limited, which is regulated by Securities and Exchange Board of India. Bakhtawar, Nariman Point, Mumbai 400-021. The Product is made available in Indonesia through PT Citigroup Securities Indonesia. 5/F, Citibank Tower, Bapindo Plaza, Jl. Jend. Sudirman Kav. 54-55, Jakarta 12190. Neither this Product nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable capital market laws and regulations. This Product is not an offer of securities in Indonesia. The securities referred to in this Product have not been registered with the Capital Market and Financial Institutions Supervisory Agency (BAPEPAM-LK) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which

constitute an offer within the meaning of the Indonesian capital market laws and regulations. The Product is made available in Israel through Citibank NA, regulated by the Bank of Israel and the Israeli Securities Authority. Citibank, N.A, Platinum Building, 21 Ha'arba'ah St, Tel Aviv, Israel. The Product is made available in Italy by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. Foro Buonaparte 16, Milan, 20121, Italy. The Product is made available in Japan by Citigroup Global Markets Japan Inc. ("CGMJ"), which is regulated by Financial Services Agency, Securities and Exchange Surveillance Commission, Japan Securities Dealers Association, Tokyo Stock Exchange and Osaka Securities Exchange. Shin-Marunouchi Building, 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6520 Japan. If the Product was distributed by SMBC Nikko Securities Inc. it is being so distributed under license. In the event that an error is found in an CGMJ research report, a revised version will be posted on the Firm's Global Equities Online (GEO) website. If you have questions regarding GEO, please call (81 3) 6270-3019 for help. The Product is made available in Korea by Citigroup Global Markets Korea Securities Ltd., which is regulated by the Financial Services Commission, the Financial Supervisory Service and the Korea Financial Investment Association (KOFIA). Citibank Building, 39 Da-dong, Jung-gu, Seoul 110-180, Korea. KOFIA makes available registration information of research analysts on its website. Please visit the following website if you wish to find KOFIA registration information on research analysts of Citigroup Global Markets Korea Securities Ltd. http://dis.kofia.or.kr/fs/dis2/fundMgr/DISFundMgrAnalystPop.jsp?companyCd2=A03030&pageDiv=02. The Product is made available in Malaysia by Citigroup Global Markets Malaysia Sdn Bhd (Company No. 460819-D) ("CGMM") to its clients and CGMM takes responsibility for its contents. CGMM is regulated by the Securities Commission of Malaysia. Please contact CGMM at Level 43 Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur, Malaysia in respect of any matters arising from, or in connection with, the Product. The Product is made available in Mexico by Acciones y Valores Banamex, S.A. De C. V., Casa de Bolsa, Integrante del Grupo Financiero Banamex ("Accival") which is a wholly owned subsidiary of Citigroup Inc. and is regulated by Comision Nacional Bancaria y de Valores. Reforma 398, Col. Juarez, 06600 Mexico, D.F. In New Zealand the Product is made available to 'wholesale clients' only as defined by s5C(1) of the Financial Advisers Act 2008 ('FAA') through Citigroup Global Markets Australia Pty Ltd (ABN 64 003 114 832 and AFSL No. 240992), an overseas financial adviser as defined by the FAA, participant of the ASX Group and regulated by the Australian Securities & Investments Commission, Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Pakistan by Citibank N.A. Pakistan branch, which is regulated by the State Bank of Pakistan and Securities Exchange Commission, Pakistan. AWT Plaza, 1.1. Chundrigar Road, P.O. Box 4889, Karachi-74200. The Product is made available in the Philippines through Citicorp Financial Services and Insurance Brokerage Philippines, Inc., which is regulated by the Philippines Securities and Exchange Commission. 20th Floor Citibank Square Bldg. The Product is made available in the Philippines through Citibank NA Philippines branch, Citibank Tower, 8741 Paseo De Roxas, Makati City, Manila. Citibank NA Philippines NA is regulated by The Bangko Sentral ng Pilipinas. The Product is made available in **Poland** by Dom Maklerski Banku Handlowego SA an indirect subsidiary of Citigroup Inc., which is regulated by Komisja Nadzoru Finansowego. Dom Maklerski Banku Handlowego S.A. ul. Senatorska 16, 00-923 Warszawa. The Product is made available in the Russian Federation through ZAO Citibank, which is licensed to carry out banking activities in the Russian Federation in accordance with the general banking license issued by the Central Bank of the Russian Federation and brokerage activities in accordance with the license issued by the Federal Service for Financial Markets. Neither the Product nor any information contained in the Product shall be considered as advertising the securities mentioned in this report within the territory of the Russian Federation or outside the Russian Federation. The Product does not constitute an appraisal within the meaning of the Federal Law of the Russian Federation of 29 July 1998 No. 135-FZ (as amended) On Appraisal Activities in the Russian Federation. 8-10 Gasheka Street, 125047 Moscow. The Product is made available in Singapore through Citigroup Global Markets Singapore Pte. Ltd. ("CGMSPL"), a capital markets services license holder, and regulated by Monetary Authority of Singapore. Please contact CGMSPL at 1 Temasek Avenue, #39-02 Millenia Tower, Singapore 039192, in respect of any matters arising from, or in connection with, the analysis of this document. This report is intended for recipients who are accredited, expert and institutional investors as defined under the Securities and Futures Act (Cap. 289). The Product is made available by The Citigroup Private Bank in Singapore through Citibank, N.A., Singapore Branch, a licensed bank in Singapore that is regulated by Monetary Authority of Singapore. Please contact your Private Banker in Citibank N.A., Singapore Branch if you have any queries on or any matters arising from or in connection with this document. This report is intended for recipients who are accredited, expert and institutional investors as defined under the Securities and Futures Act (Cap. 289). This report is distributed in Singapore by Citibank Singapore Ltd ("CSL") to selected Citigold/Citigold Private Clients. CSL provides no independent research or analysis of the substance or in preparation of this report. Please contact your Citigold//Citigold Private Client Relationship Manager in CSL if you have any queries on or any matters arising from or in connection with this report. This report is intended for recipients who are accredited investors as defined under the Securities and Futures Act (Cap. 289). Citigroup Global Markets (Pty) Ltd. is incorporated in the Republic of South Africa (company registration number 2000/025866/07) and its registered office is at 145 West Street, Sandton, 2196, Saxonwold. Citigroup Global Markets (Pty) Ltd. is regulated by JSE Securities Exchange South Africa, South African Reserve Bank and the Financial Services Board. The investments and services contained herein are not available to private customers in South Africa. The Product is made available in Spain by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 29 Jose Ortega Y Gassef, 4th Floor, Madrid, 28006, Spain. The Product is made available in the Republic of China through Citigroup Global Markets Taiwan Securities Company Ltd. ("CGMTS"), 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan and/or through Citibank Securities (Taiwan) Company Limited ("CSTL"), 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan, subject to the respective license scope of each entity and the applicable laws and regulations in the Republic of China. CGMTS and CSTL are both regulated by the Securities and Futures Bureau of the Financial Supervisory Commission of Taiwan, the Republic of China. No portion of the Product may be reproduced or quoted in the Republic of China by the press or any third parties [without the written authorization of CGMTS and CSTL]. If the Product covers securities which are not allowed to be offered or traded in the Republic of China, neither the Product nor any information contained in the Product shall be considered as advertising the securities or making recommendation of the securities in the Republic of China. The Product is for informational purposes only and is not intended as an offer or solicitation for the purchase or sale of a security or financial products. Any decision to purchase securities or financial products mentioned in the Product must take into account existing public information on such security or the financial products or any registered prospectus. The Product is made available in Thailand through Citicorp Securities (Thailand) Ltd., which is regulated by the Securities and Exchange Commission of Thailand. 18/F, 22/F and 29/F, 82 North Sathorn Road, Silom, Bangrak, Bangkok 10500, Thailand. The Product is made available in Turkey through Citibank AS which is regulated by Capital Markets Board. Tekfen Tower, Eski Buyukdere Caddesi # 209 Kat 2B, 23294 Levent, Istanbul, Turkey. In the U.A.E, these materials (the "Materials") are communicated by Citigroup Global Markets Limited, DIFC branch ("CGML"), an entity registered in the Dubai International Financial Center ("DIFC") and licensed and regulated by the Dubai Financial Services Authority ("DFSA") to Professional Clients and Market Counterparties only and should not be relied upon or distributed to Retail Clients. A distribution of the different CIRA ratings distribution, in percentage terms for Investments in each sector covered is made available on request. Financial products and/or services to which the Materials relate will only be made available to Professional Clients and Market Counterparties. The Product is made available in United Kingdom by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. This material may relate to investments or services of a person outside of the UK or to other matters which are not regulated by

DLF (DLF.BO)

14 November 2011

commercial relationship with the subject company.

the FSA and further details as to where this may be the case are available upon request in respect of this material. Citigroup Centre, Canada Square, Canary Wharf, London, E14 5LB. The Product is made available in **United States** by Citigroup Global Markets Inc, which is a member of FINRA and registered with the US Securities and Exchange Commission. 388 Greenwich Street, New York, NY 10013. Unless specified to the contrary, within EU Member States, the Product is made available by Citigroup Global Markets Limited, which is regulated by Financial Services Authority. Pursuant to Comissão de Valores Mobiliários Rule 483, Citi is required to disclose whether a Citi related company or business has a commercial relationship with the subject company. Considering that Citi operates multiple businesses in more than 100 countries around the world, it is likely that Citi has a

Many European regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of investment research. The policy applicable to CIRA's Products can be found at www.citigroupgeo.com. Compensation of equity research analysts is determined by equity research management and Citigroup's senior management and is not linked to specific transactions or recommendations.

The Product may have been distributed simultaneously, in multiple formats, to the Firm's worldwide institutional and retail customers. The Product is not to be construed as providing investment services in any jurisdiction where the provision of such services would not be permitted. Subject to the nature and contents of the Product, the investments described therein are subject to fluctuations in price and/or value and investors may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Certain investments contained in the Product may have tax implications for private customers whereby levels and basis of taxation may be subject to change. If in doubt, investors should seek advice from a tax adviser. The Product does not purport to identify the nature of the specific market or other risks associated with a particular transaction. Advice in the Product is general and should not be construed as personal advice given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs, Prior to acquiring any financial product, it is the client's responsibility to obtain the relevant offer document for the product and consider it before making a decision as to whether to purchase the product. With the exception of our product that is made available only to Qualified Institutional Buyers (QIBs), CIRA concurrently disseminates its research via proprietary and non-proprietary electronic distribution platforms. Periodically, individual CIRA analysts may also opt to circulate research posted on such platforms to one or more clients by email. Such email distribution is discretionary and is done only after the research has been disseminated via the aforementioned distribution channels. CIRA simultaneously distributes product that is limited to QIBs only through email distribution. The level and types of services provided by CIRA analysts to clients may vary depending on various factors such as the client's individual preferences as to the frequency and manner of receiving communications from analysts, the client's risk profile and investment focus and perspective (e.g. market-wide, sector specific, long term, short-term etc.), the size and scope of the overall client relationship with Citi and legal and regulatory constraints.

© 2011 Citigroup Global Markets Inc. Citi Investment Research & Analysis is a division of Citigroup Global Markets Inc. Citi and Citi with Arc Design are trademarks and service marks of Citigroup Inc. and its affiliates and are used and registered throughout the world. All rights reserved. Any unauthorized use, duplication, redistribution or disclosure of this report (the "Product"), including, but not limited to, redistribution of the Product by electronic mail, posting of the Product on a website or page, and/or providing to a third party a link to the Product, is prohibited by law and will result in prosecution. The information contained in the Product is intended solely for the recipient and may not be further distributed by the recipient to any third party. Where included in this report, 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, any 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 Firm accepts no liability whatsoever for the actions of third parties. The Product may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the Product refers to website material of the Firm, the Firm has not reviewed the linked site. Equally, except to the extent to which the Product refers to website material of the Firm, the Firm takes no responsibility for, and makes no representations or warranties whatsoever as to, the data and information contained therein. Such address or hyperlink (including addresses or hyperlinks to website material of the Firm) is provided solely for your convenience and information and the content of the linked site does not in anyway form part of this document. Accessing such website or following such link through the Product or the website of the Firm shall be at your own risk and the Firm shall have no liability arising out of, or in connection with, any such referenced website.

ADDITIONAL INFORMATION IS AVAILABLE UPON REQUEST