



Global Emerging Equities Outlook

January 2018



Emerging Markets Outlook Summary

EM Macro & FX

- EM growth set to remain healthy against a backdrop of robust and synchronized growth globally, rising commodity prices, and visibility on the path of US rate hikes for 2018
- Hard landing for the Chinese economy now ruled out, and economic growth momentum improving in some key markets like Brazil and South Africa
- On FX, should the US Dollar strengthen, we do not see it as a major headwind. Record low inflation in EM,
 combined with a strengthening of current account/budget balances even calling for a small appreciation of EM FX

EPS growth, revisions & corporate profitability

- Faster EPS growth in EM compared to DM: +13.3% vs +10.3% in 2018
- Positive revision cycle in EM still at play: 2018 EPS figures already revised up 10% since the beginning of 2017
- Corporate profitability set to improve: +150-200 bps uplift on ROEs expected in 2018, on a combination of higher net margins, improved asset efficiency and stable to lower leverage

Valuation

- EM attractively valued, in absolute terms and in relation to DM
- Trading at 12.5x on 12m Fwd P/E, in line with 20y average, a 24.1% discount to DM, but with faster EPS growth potential (+13.3% vs +10.3%)
- Trading at 1.6x on 12m Fwd P/B, in line with 20y average, but 27.8% discount to DM higher than historical discount of \sim 18% and expected ROE uplift of +150-200 bps warranting a rerating



Emerging Markets Outlook Pivotal questions for EM

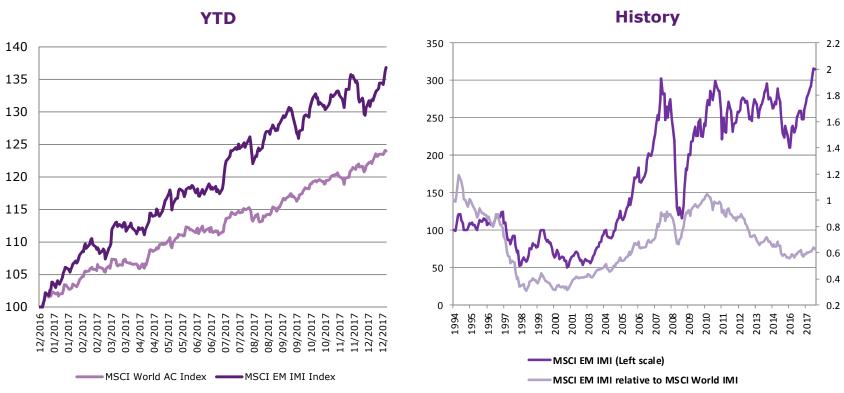
10 pivotal questions for EM in 2018

- Can EM outperform without an accelerating macro momentum in China? We think Yes
- Should the US dollar strengthen in 2018, how bad would it be for EM equities? Limited impact expected
- Can EM equities outperform while the Fed is hiking rates? We think yes to a certain extent
- With elections expected in Russia, Brazil, Mexico, and potential for early elections in South Africa and Greece, will politics derail the EM equity story in 2018 ? **No, volatility at the country level only**
- Can EM maintain its EPS growth premium over DM? We think Yes
- How cheap are EM valuations? And is earnings growth fairly reflected in EM valuations? EM is cheap
- Will EM Small & Mid Caps underperform Large Caps for a third year in a row ? Risk is lower in 2018
- Can the actual inclusion of Chinese A-shares in the MSCI EM Index in June be disruptive? We think No
- Can earnings in the IT space, and especially in Asia, keep surging in 2018? Yes, but at a lower pace
- Will momentum in commodity prices matter for EM in 2018 ? We think Yes

Emerging Markets Outlook Performance

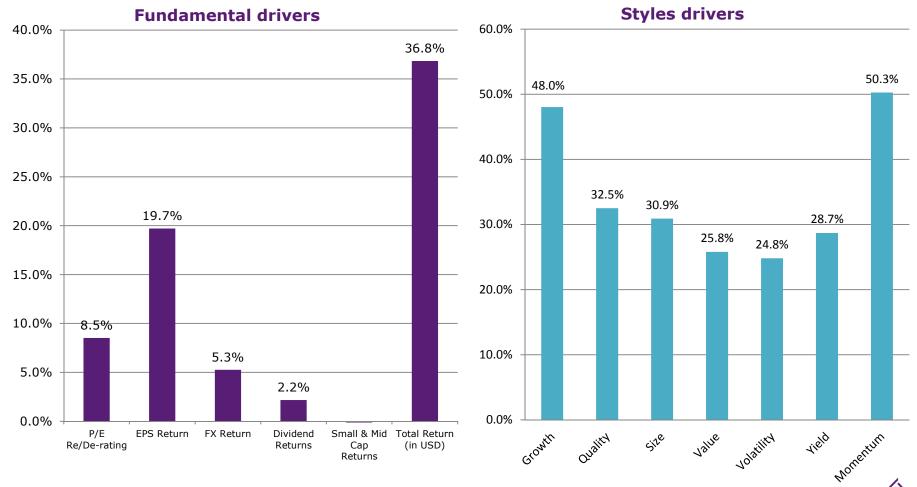
- EM has outperformed DM consistently in 2017
- On a historical comparison, EM still a long way to catch up with DM

MSCI EM IMI Index performance compared to MSCI World IMI



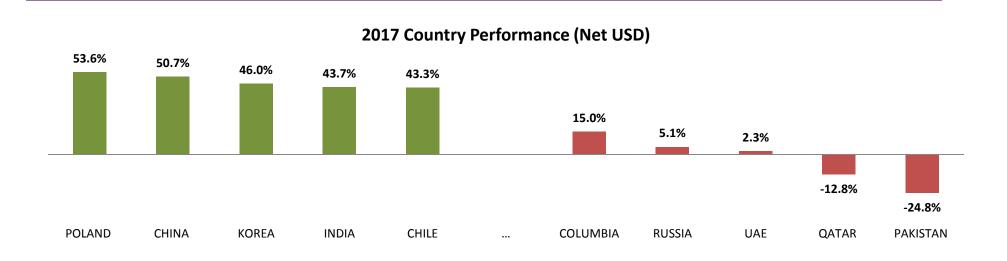
Emerging Markets Outlook Breakdown of 2017 performance

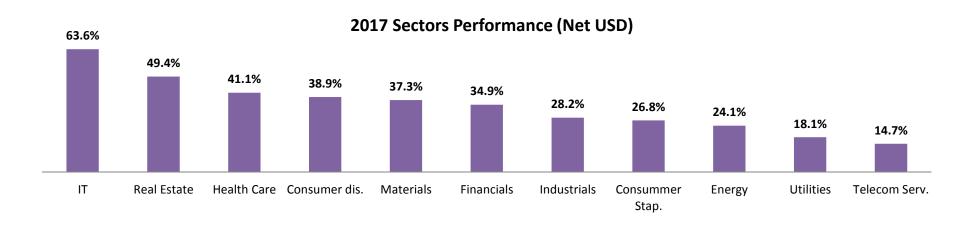
- P/E re-rating & EPS the main fundamental drivers
- Growth and Momentum the main drivers from a style perspective



Source: MSCI as of December 29th, 2017

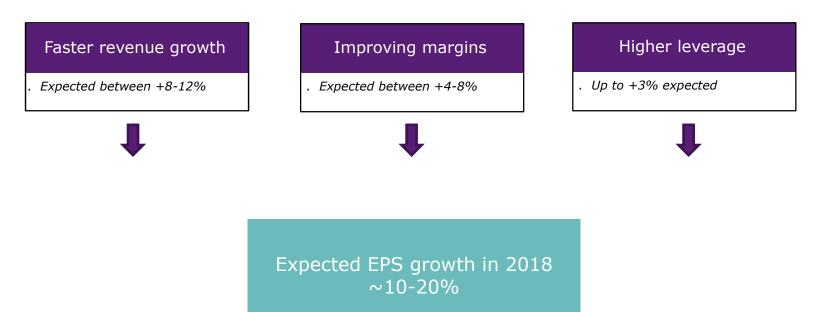
Emerging Markets Outlook 2017 performance





EPS growth: Expected sources of earnings growth in 2018

- EPS growth decelerating in EM compared to 2017, but still in double-digit territory, and above EPS growth in DM
- EPS growth expected at least at +10% in 2018, with room to surprise up to +20%, on a combination
 of solid revenue growth momentum, improving margins and a rebound in the credit cycle



Source : Bank of America Merrill Lynch Global Research, November 2017



Emerging Markets Outlook EPS growth: Solid revenue growth & improving margins

50

30

6/97

6/99

6/01

Top-line/revenue growth supported by broad-based global expansion

- Positive macro backdrop of synchronized growth and booming global trade benefiting EM
- Accelerating growth in the EM world,
 from +4.6% in 2017 to +4.9% expected
 in 2018



Momentum in PMIs vs MSCI EM Index

Source: BofA Merrill Lynch Global Research, Bloomberg, Haver, Markit

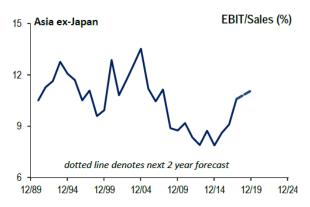
6/05

6/07

EBIT margins (EBIT/Sales) expected to improve thanks to :

- Operating leverage effects thanks to the synchronized global growth backdrop (+4.9% expected for EM in 2018)
- Prior capital expenditures tend to lead profit margins, and out of capacity utilization, EM corporates have the ability to grow without enduring additional investments

EBIT/Sales forecasts in Asia ex-Japan



Source: Bank of America Merrill Lynch Global Research, November 2017

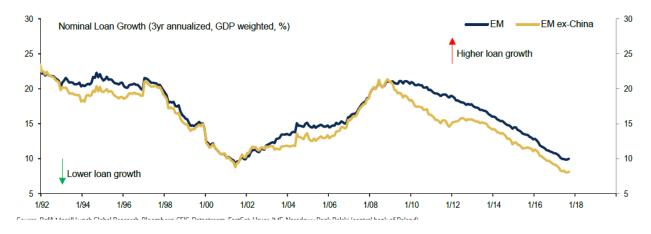


EPS growth: Can a pick-up in credit growth help in 2018?

A rebound in the credit cycle could be the wild card

- After a sharp deceleration since GFC, credit growth in EM has now room to pick up, providing a boost to EPS growth
- Credit penetration remains low in a lot of EM, interest rates are attractive, and financial vulnerability has reduced a lot

Nominal loan growth has reduced a lot in EM over the past 10 years



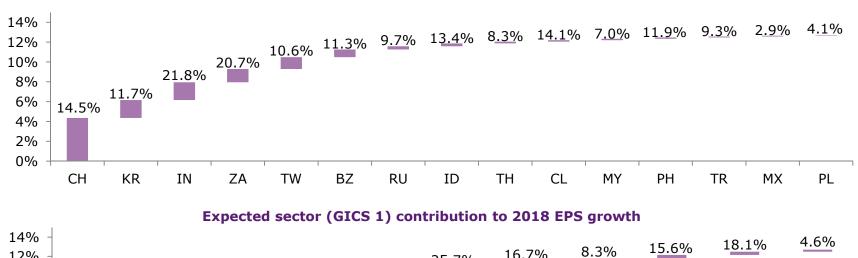
Source: Bank of America Merrill Lynch Global Research, November 2017

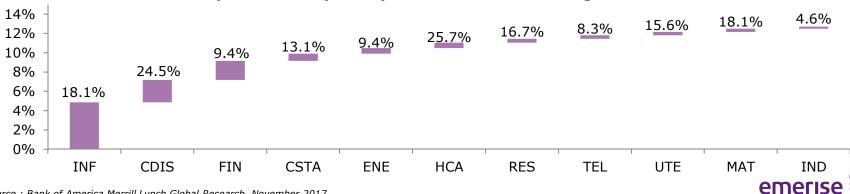


EPS growth: Expected country/sector contributions in 2018

- Broad-based from a sector perspective as 7 out of 10 sectors above the average 12.7% figure expected for 2018
- Less Asia-centric EPS growth expected in 2018 with South Africa, and to a lesser extent Brazil and Russia gaining pace

Expected country contribution to 2018 EPS growth



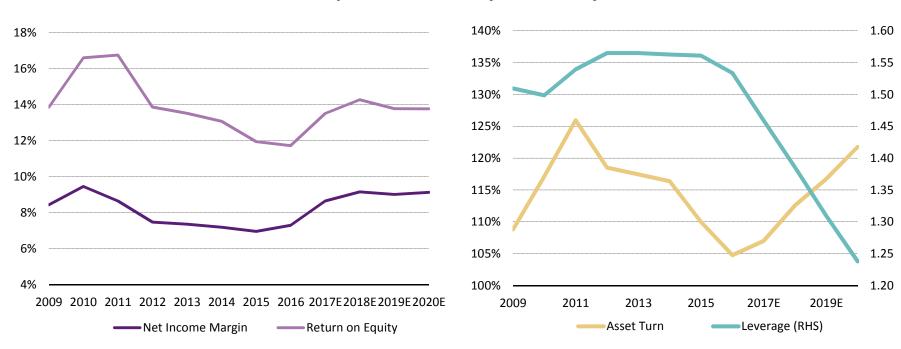


Source: Bank of America Merrill Lynch Global Research, November 2017

ROE: Corporate profitability in EM set to improve

- EM margins are forecasted to peak at ~9.0-9.5% in 2018 before stabilizing at a slightly lower level in 2019-20
- ROEs in EM should follow the same trajectory, peaking at ~14.0-14.5% in 2018, before falling to ~13.5-14.0% in 2019-20
- The improving macro backdrop combined with lower capex explain the expected sharp improvement in asset turnover
- Leverage in EM has been declining a lot of late, but could surprise positively in 2019-20

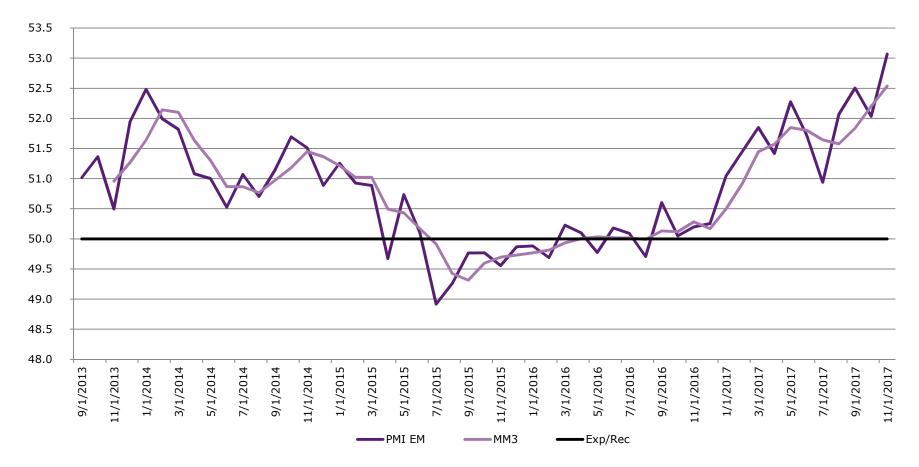
Dupont drivers of ROE (ex-Financials)



Source: UBS Emerging Markets Equity Strategy, December 2017

Macro: EM GDP growth momentum improving

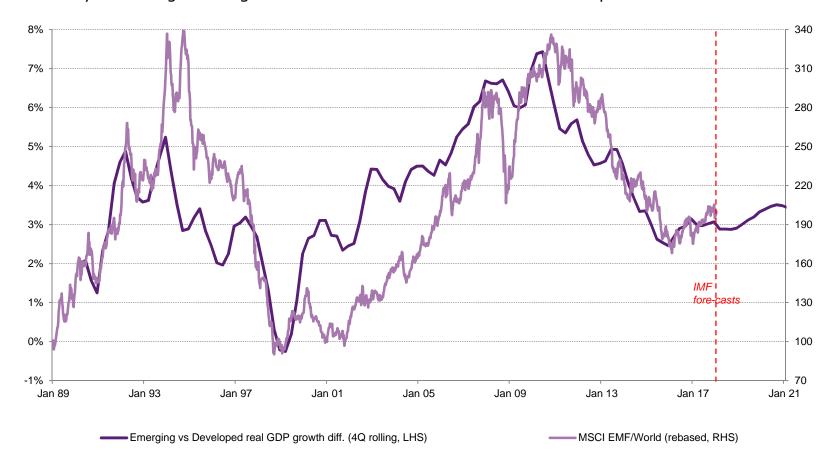
- Leading indicators have been on a steadily improving trend for nearly 2 years now
- We expect most EM countries to remain in expansionary territory





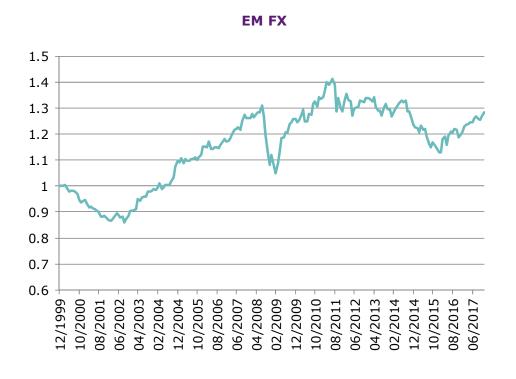
Macro: ... providing a strong catalyst for EMs

- EM vs DM GDP growth differential expected to expand
- Historically exhibiting a strong correlation with EM vs DM relative market performance



Macro: EM FX stabilizing at attractive levels

- A weaker US Dollar more than a stronger EM FX explains the 2017 rerating
- With most EM currencies remaining either fairly valued or cheap when looking at the past 3 years

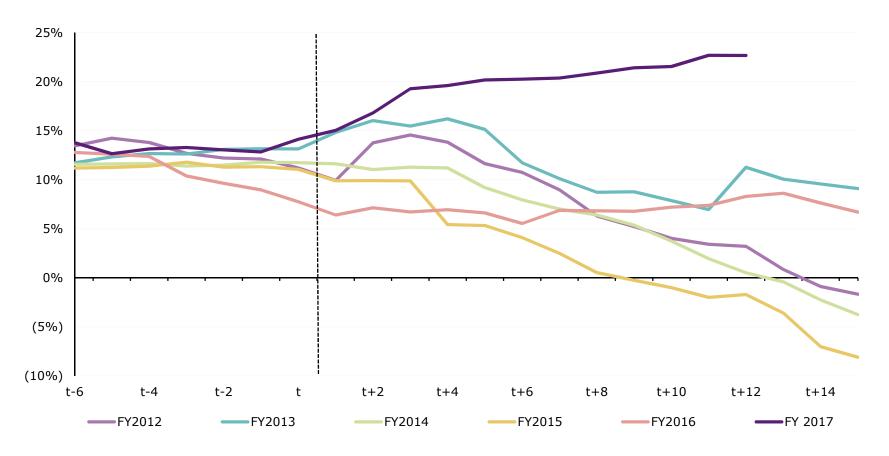


EM FX vs USD

		Difference vs USD (Bloomberg d		
Currency	Currency		2017	
Turkish Lira	TRY	-38.7%	-6.7%	
Brazilian Real	BRL	-19 <mark>.</mark> 6%	-1.9%	
Indonesian Rupiah	IDR	-8 <mark>.3</mark> %	-0.7%	
Philippine Peso	PHP	-10 <mark>.</mark> 8%	-0.4%	
Colombian Peso	СОР	- <mark>22.</mark> 1%	0.5%	
Japanese Yen	JPY	6.4%	3.6%	
Mexican Peso	MXN	- 25. 7%	5.1%	
Indian Rupee	INR	-1.3%	6.0%	
Chinese Renminbi	CNY	-4 .8 %	6.3%	
Russian Ruble	RUB	-3.0%	6.5%	
Singapore Dollar	SGD	-1.4%	8.1%	
Taiwanese Dollar	TWD	6.0%	8.2%	
Thai Baht	ТНВ	0.7%	9.6%	
Malaysian Ringgit	MYR	-14 <mark>.2</mark> %	10.3%	
South African Rand	ZAR	-6 <mark>.3</mark> %	11.2%	
South Korean Won	KRW	2.4%	12.9%	
Euro	EUR	-2.4%	13.5%	
Polish Zloty	PLN	-0.3%	19.7%	

EPS revisions: Earnings recovery underway...

- Earnings revisions finally turning positive after 6 years of downward revisions
- Trend will likely continue given early stage of recovery



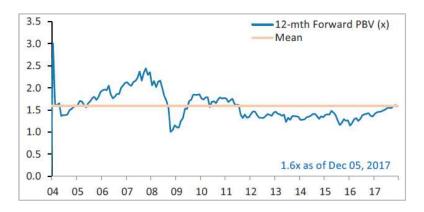


Valuation: Attractive on P/E and P/BV

MSCI EM: Consensus 12m Fwd P/E



MSCI EM: Consensus 12m Fwd P/B



MSCI EM vs World: 12m Fwd P/E



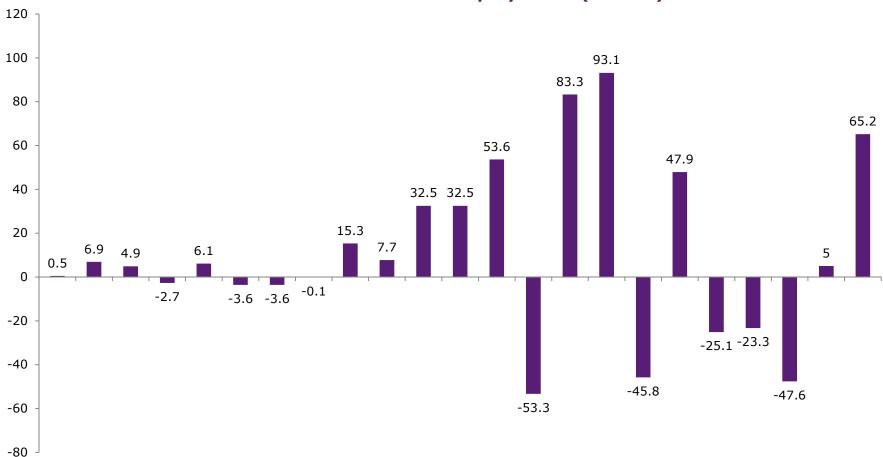
MSCI EM vs World: 12m Fwd P/B



Source: Morgan Stanley, Asia/GEMs Strategy, as of December 5th, 2017

Flows: Returning to the asset class

Annual Dedicated EM Equity Flows (USD Bn)



1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

Source: Morgan Stanley, Asia/GEMs Strategy until 2016, and JP Morgan, Emerging Markets Equity Strategy from 2017 onwards



Emerging Markets Outlook Introducing GEM Co

Screening the market through the lens of our identity tilts

- **Growth:** one key trait of the Emerise identity is our search for growth and our belief that superior earnings growth is ultimately what drives superior stock returns
- **Quality:** another key trait of our identity is our quest for quality and our conviction that companies exhibiting superior profitability tend to outperform over the long-term
- As such, when looking for new stock ideas, or when thinking about how the shape of our portfolios should look like, we make sure that they exhibit superior metrics in terms of EPS growth, revisions and ROE

Deriving market intelligence from our proprietary heat maps

- In doing so, we use our **proprietary heat maps**, which are designed as a bottom-up market-cap weighted aggregation of the 5,000 stocks (twice as large as the MSCI EM IMI Index) in our universe
- Digging into our heat maps and analyzing the underlying data is thus giving us color on what
 does the average company in the EM universe GEM Co look like and what are the areas
 of strengths/weaknesses from a country or sector perspective



Emerging Markets Outlook What is GEM Co telling us about EPS growth and revisions?

Focus on EPS growth...

- The average company in the EM universe GEM Co is expected to grow its earnings at +17.1% CAGR for the next 24 months.
- This is slower than what was registered in 2017 for the MSCI EM Index (20-25%), but anyway remains way above what EM has produced over the past 5 years at least.
- From a country basis, even if India (+23.9%) and China (+21.8%) remain in the top-10, **EPS growth appears as less Asia-centric in 2018**, with a lot of ex-Asia countries rebounding from a low base (Brazil, South Africa, Greece, Colombia)
- From an industry standpoint, EPS growth potential continues to look more appealing in Software & Services and in the most cyclical parts of the consumer-related sectors (Auto, Media, HPC, Consumer Durables).
- On the opposite, EPS does not look attractive at first sight in the IT space (Hardware & Equipment, Semi),
 Commodities (Energy and Materials) and Banks

... and revisions

- GEM Co is exhibiting a +3.8% EPS revision factor over the past 6 months.
- Considering that EPS revisions had stayed negative all the way between 2010 and mid-2016, we analyze this figure as
 a clear sign of further EPS growth potential
- From a country basis, China and South Africa quite interestingly combine higher EPS growth with a faster momentum, while some lower EPS growth countries (Turkey, Russia, Poland) show good momentum. On the opposite, the faster EPS growth potential seen in countries like Greece or Colombia look at risk judging by the -15% revision factor on these 2 countries



Emerging Markets Outlook What is GEM Co telling us ? Focusing on EPS growth

- EPS growth less Asia-centric in 2018, with Brazil and South Africa gaining pace. CEEMEA + Mexico + Taiwan : weaker
- Faster EPS growth potential in Software and cyclical consumption (Auto, Media, HPC, Consumer Durables). IT (Hardware & Equipment, Semi) + Commodities (Energy and Materials) + Banks: weaker

Top 10/Bottom 10 countries in terms of EPS Growth

TOP 10 country			
Row Labels	EPS Growth	Weight	Contribution
GREECE	34.2%	0.4	0.1%
COLOMBIA	27.4%	0.4	0.1%
INDIA	23.9%	9.3	2.2%
CHINA + HK	21.8%	28.7	6.3%
SOUTH AFRICA	21.7%	6.6	1.4%
BRAZIL	20.8%	6.5	1.4%
EGYPT	18.9%	0.1	0.0%
CHILE	17.6%	1.3	0.2%
PAKISTAN	16.7%	0.2	0.0%
PERU	13.6%	0.4	0.0%
Grand Total	22%	53.8	12%

BOTTOM 10 country			
Row Labels	IT EPS Growth	Weight	Contribution
CZECH	-6.5%	0.2	0.0%
UAE	6.0%	0.6	0.0%
HUNGARY	7.1%	0.3	0.0%
RUSSIA	7.4%	3.0	0.2%
MALAYSIA	9.6%	2.3	0.2%
MEXICO	9.8%	2.9	0.3%
TAIWAN	9.9%	11.9	1.2%
POLAND	11.1%	1.2	0.1%
QATAR	12.1%	0.5	0.1%
TURKEY	12.3%	1.1	0.1%
Grand Total	10%	24.0	2%

Top 10/Bottom 10 industries (GICS 2) in terms of EPS Growth

TOP 10 industry			
Row Labels	EPS Growth	Weight	Contribution
Media	33.9%	2.6	0.9%
Retailing	33.4%	2.1	0.7%
Software & Services	25.6%	12.8	3.3%
Consumer Services	23.5%	1.5	0.4%
Automobiles & Components	20.1%	3.2	0.6%
Pharmaceuticals, Biotechnology	19.2%	2.5	0.5%
Transportation	19.0%	1.9	0.4%
Commercial & Professional Serv	18.4%	0.2	0.0%
Household & Personal Products	18.1%	1.2	0.2%
Consumer Durables & Apparel	18.0%	1.5	0.3%
Grand Total	24.5%	29.6	7%

BOTTOM 10 industry			
Row Labels	EPS Growth	Weight	Contribution
Food & Staples Retailing	11.0%	1.6	0.2%
Energy	12.0%	6.2	0.7%
Capital Goods	13.1%	4.2	0.6%
Semiconductors & Semiconductor	13.3%	5.4	0.7%
Banks	13.4%	15.0	2.0%
Utilities	13.6%	2.5	0.3%
Materials	13.8%	7.5	1.0%
Telecommunication Services	14.0%	4.2	0.6%
Diversified Financials	14.2%	2.9	0.4%
Technology Hardware & Equipmen	14.6%	8.2	1.2%
Grand Total	13%	57.7	8%

Source: NAM Asia as of December 29th, 2017

Emerging Markets Outlook What is GEM Co telling us ? Focusing on EPS revisions

- China and South Africa strong on EPS growth and revisions. Colombia and Greece at risk
- Higher EPS revisions in cyclical sectors (Energy, Materials, IT). Defensive sectors exhibiting negative revisions (Consumer staples, Telecoms, Utilities)

Top 10/Bottom 10 countries in terms of EPS Revisions

TOP 10 country				
Row Labels	I ▼ EPS rev	Weight	Contribution	
TURKEY	9.6%	1.1	0.1%	
HUNGARY	9.2%	0.3	0.0%	
CHINA + HK	7.4%	28.7	2.1%	
SOUTH KOREA	6.6%	14.8	1.0%	
RUSSIA	6.5%	3.0	0.2%	
CHILE	6.4%	1.3	0.1%	
POLAND	4.3%	1.2	0.1%	
SOUTH AFRICA	4.0%	6.6	0.3%	
PERU	3.5%	0.4	0.0%	
EGYPT	2.2%	0.1	0.0%	
Grand Total	7%	57.5	3.8%	

BOTTOM 10 country				
Row Labels	I ▼ EPS rev	Weight	Contribution	
UAE	-0.7%	0.6	0.0%	
INDIA	-0.9%	9.3	-0.1%	
MEXICO	-1.0%	2.9	0.0%	
THAILAND	-1.3%	2.6	0.0%	
INDONESIA	-2.0%	2.1	0.0%	
MALAYSIA	-2.9%	2.3	-0.1%	
QATAR	-3.2%	0.5	0.0%	
PAKISTAN	-11.4%	0.2	0.0%	
GREECE	-14.5%	0.4	-0.1%	
COLOMBIA	-15.3%	0.4	-0.1%	
Grand Total	-2%	21.3	0%	

Top 10/Bottom 10 industries (GICS 2) in terms of EPS Revisions

TOP 10 industry				
Row Labels	EPS rev	Weight	Contribution	
Real Estate	10.9%	3.5	0.4%	
Insurance	10.2%	3.3	0.3%	
Energy	9.8%	6.2	0.6%	
Media	9.2%	2.6	0.2%	
Materials	8.6%	7.5	0.6%	
Technology Hardware & Equipmen	7.3%	8.2	0.6%	
Software & Services	6.5%	12.8	0.8%	
Semiconductors & Semiconductor	4.7%	5.4	0.3%	
Transportation	4.6%	1.9	0.1%	
Commercial & Professional Serv	2.0%	0.2	0.0%	
Grand Total	8%	51.6	4.0%	

BOTTOM 10 industry				
Row Labels	EPS rev	Weight	Contribution	
Retailing	-0.6%	2.1	0.0%	
Diversified Financials	-0.8%	2.9	0.0%	
Consumer Services	-0.8%	1.5	0.0%	
Automobiles & Components	-0.9%	3.2	0.0%	
Food Beverage & Tobacco	-2.4%	3.6	-0.1%	
Household & Personal Products	-2.6%	1.2	0.0%	
Utilities	-2.7%	2.5	-0.1%	
Telecommunication Services	-2.9%	4.2	-0.1%	
Health Care Equipment & Servic	-3.5%	0.8	0.0%	
Food & Staples Retailing	-5.4%	1.6	-0.1%	
Grand Total	-2%	23.5	0%	

Source: NAM Asia as of December 29th, 2017

Emerging Markets Outlook What is GEM Co telling us about profitability?

Focus on ROE

- The average company in the EM universe (GEM Co), is exhibiting a 17% ROE
- This constitutes a marked improvement compared to the ~15% registered in 2017
- As seen earlier, a combination of higher net margins, improved asset efficiency and stable to lower leverage justify the improvement
- From a country perspective, ROEs look attractive in China, India, Russia and South Africa, especially when taking into account the higher share of capital intensive businesses in these markets
- On the opposite, ROEs look weak in Poland, Chile and Colombia, especially compared to history
- From an industry standpoint, higher ROEs are quite logically found in high margin segments (HPC, Food, IT, Media) while capital intensive sectors concentrate the weaker numbers (Capital goods, Utilities, Energy)



Emerging Markets Outlook What is GEM Co telling us? Focusing on ROEs

- Attractive ROEs in China, India, South Africa and Russia. Less appealing in Poland, Chile and Colombia
- Not surprisingly, industry rankings aligned with their capital intensity

Top 10/Bottom 10 countries in terms of ROE

TOP 10 country				
Row Labels	IT ROE	Weight	Contribution	
EGYPT	26.9	0.1	0.0	
INDONESIA	22.3	2.1	0.5	
RUSSIA	20.7	3.0	0.6	
PAKISTAN	19.9	0.2	0.0	
INDIA	19.3	9.3	1.8	
TURKEY	18.7	1.1	0.2	
CHINA + HK	18.4	28.7	5.3	
SOUTH AFRICA	18.1	6.6	1.2	
THAILAND	17.8	2.6	0.5	
PERU	16.8	0.4	0.1	
Grand Total	18.8	54.1	10.2	

BOTTOM 10 country				
Row Labels	IT ROE	Weight	Contribution	
UAE	14.4	0.6	0.1	
SOUTH KOREA	14.3	14.8	2.1	
HUNGARY	13.5	0.3	0.0	
PHILIPPINES	13.5	1.1	0.1	
POLAND	13.3	1.2	0.2	
CZECH	13.2	0.2	0.0	
QATAR	11.6	0.5	0.1	
CHILE	11.4	1.3	0.1	
GREECE	9.9	0.4	0.0	
COLOMBIA	9.1	0.4	0.0	
Grand Total	13.8	20.8	2.9	

Top 10/Bottom 10 industries (GICS 2) in terms of ROE

TOP 10 industry				
Row Labels	ROE	Weight	Contribution	
Household & Personal Products	41.7	1.2	0.5	
Software & Services	24.3	12.8	3.1	
Food & Staples Retailing	21.8	1.6	0.3	
Semiconductors & Semiconductor	21.5	5.4	1.2	
Media	20.0	2.6	0.5	
Technology Hardware & Equipmen	18.8	8.2	1.5	
Health Care Equipment & Servic	18.2	0.8	0.1	
Consumer Durables & Apparel	18.1	1.5	0.3	
Consumer Services	17.9	1.5	0.3	
Food Beverage & Tobacco	17.8	3.6	0.6	
Grand Total	21.7	39.1	8.5	

BOTTOM 10 industry			
Row Labels	ROE	Weight	Contribution
Capital Goods	11.7	4.2	0.5
Utilities	12.1	2.5	0.3
Energy	12.3	6.2	0.8
Diversified Financials	13.1	2.9	0.4
Pharmaceuticals, Biotechnology	13.2	2.5	0.3
Real Estate	13.4	3.5	0.5
Transportation	13.8	1.9	0.3
Banks	14.1	15.0	2.1
Materials	14.1	7.5	1.1
Insurance	15.0	3.3	0.5
Grand Total	13.5	49.6	6.7

emerise §

Emerging Markets Outlook What is GEM Co telling us? Conclusion

What is GEM Co telling us in terms of focusing our efforts in Asia?

- When putting together the intelligence gathered from our heat maps on EPS growth, revisions and ROEs, China and India (broad-based) continue to look as the most attractive proposition in Asia from a country perspective
- From a sector standpoint, Software & Services, Media and Automobiles look the most
 promising
- Markets like Korea (Auto, Software, Retailing) and the ASEAN countries (Auto, Media) deserve
 selectivity from a sector standpoint
- Finally, Taiwan and the Energy and Telecommunication sectors do not look attractive at first sight in an Asian context, which does not mean that there are no hidden gems in that segments of the market

Emerging Markets Outlook What is GEM Co telling us ? Conclusion

What is GEM Co telling us in terms of focusing our efforts in ex-Asia?

- From a country perspective, Brazil and South Africa (broad-based) appear as the most attractive options in ex-Asia
- From a sector standpoint, only Materials do clearly appear as superior across countries
- Markets like Russia (Banks, Materials), Turkey (Consumer-related plays) deserve selectivity
 from a sector standpoint, while the Energy sector only seems attractive in Brazil
- Finally, Mexico, the CEE countries and the MENA countries do not look attractive at first sight, as well as Banks (ex-Russia) in an ex-Asian context, which does not mean that there are no attractive stocks hidden in that segments of the market



Additional Notes

This material has been provided for information purposes only to investment service providers or other Professional Clients, Qualified or Institutional Investors and, when required by local regulation, only at their written request. This material must not be used with Retail Investors.

In the E.U. (outside of the UK): Provided by Natixis Investment Managers S.A. or one of its branch offices listed below. Natixis Investment Managers S.A. is a Luxembourg management company that is authorized by the Commission de Surveillance du Secteur Financier and is incorporated under Luxembourg laws and registered under n. B 115843. Registered office of Natixis Investment Managers S.A.: 2, rue Jean Monnet, L-2180 Luxembourg, Grand Duchy of Luxembourg. France: Natixis Investment Managers Distribution (n.509 471 173 RCS Paris). Registered office: 21 quai d'Austerlitz, 75013 Paris. Italy: Natixis Investment Managers S.A., Succursale Italiana (Bank of Italy Register of Italian Asset Management Companies no 23458.3). Registered office: Via Larga, 2 - 20122, Milan, Italy. Germany: Natixis Investment Managers S.A., Zweigniederlassung Deutschland (Registration number: HRB 88541). Registered office: Im Trutz Frankfurt 55, Westend Carrée, 7. Floor, Frankfurt am Main 60322, Germany. Netherlands: Natixis Investment Managers, Nederlands (Registration number 50774670). Registered office: World Trade Center Amsterdam, Strawinskylaan 1259, D-Tower, Floor 12, 1077 XX Amsterdam, the Netherlands. Sweden: Natixis Investment Managers, Nordics Filial (Registration number 516405-9601 - Swedish Companies Registration Office). Registered office: Kungsgatan 48 5tr, Stockholm 111 35, Sweden. Spain: Natixis Investment Managers, Sucursal en España. Registered office: Torre Colon II - Plaza Colon, 2 - 28046 Madrid, Spain.

In Switzerland: Provided for information purposes only by Natixis Investment Managers, Switzerland Sarl, Rue du Vieux Collège 10, 1204 Geneva, Switzerland or its representative office in Zurich, Schweizergasse 6, 8001 Zürich.

In the U.K.: Provided by Natixis Investment Managers UK Limited which is authorised and regulated by the UK Financial Conduct Authority (register no. 190258). This material is intended to be communicated to and/or directed at persons (1) in the United Kingdom, and should not to be regarded as an offer to buy or sell, or the solicitation of any offer to buy or sell securities in any other jurisdiction than the United Kingdom; and (2) who are authorised under the Financial Services and Markets Act 2000 (FSMA 2000); or are high net worth businesses with called up share capital or net assets of at least £5 million or in the case of a trust assets of at least £10 million; or any other person to whom the material may otherwise lawfully be distributed in accordance with the FSMA 2000 (Financial Promotion) Order 2005 or the FSMA 2000 (Promotion of Collective Investment Schemes) (Exemptions) Order 2001 (the "Intended Recipients"). The fund, services or opinions referred to in this material are only available to the Intended Recipients and this material must not be relied nor acted upon by any other persons. Registered Office: Natixis Investment Managers UK Limited, One Carter Lane, London, EC4V 5ER.

In the DIFC: Provided in and from the DIFC financial district by Natixis Investment Managers Middle East (DIFC Branch) which is regulated by the DFSA. Related financial products or services are only available to persons who have sufficient financial experience and understanding to participate in financial markets within the DIFC, and qualify as Professional Clients as defined by the DFSA. Registered office: Office 603 - Level 6, Currency House Tower 2, PO Box 118257, DIFC, Dubai, United Arab Emirates.

In Japan: Provided by Natixis Investment Managers Japan Co., Ltd., Registration No.: Director-General of the Kanto Local Financial Bureau (kinsho) No. 425. Content of Business: The Company conducts discretionary asset management business and investment advisory and agency business as a Financial Instruments Business Operator. Registered address: 1-4-5, Roppongi, Minato-ku, Tokyo.

In Taiwan: Provided by Natixis Investment Managers Securities Investment Consulting (Taipei) Co., Ltd., a Securities Investment Consulting Enterprise regulated by the Financial Supervisory Commission of the R.O.C. Registered address: 16F-1, No. 76, Section 2, Tun Hwa South Road, Taipei, Taiwan, Da-An District, 106 (Ruentex Financial Building I), R.O.C., license number 2012 FSC SICE No. 039, Tel. +886 2 2784 5777.

In Singapore: Provided by Natixis Investment Managers Singapore (name registration no. 53102724D) to distributors and institutional investors for informational purposes only. Natixis Investment Managers Singapore is a division of Natixis Asset Management Asia Limited (company registration no. 199801044D). Registered address of Natixis Investment Managers Singapore: 10 Collyer Quay, #14-07/08 Ocean Financial Centre, Singapore 049315.

In Hong Kong: Provided by Natixis Investment Managers Hong Kong Limited to institutional/ corporate professional investors only.



Additional Notes

In Australia: Provided by Natixis Investment Managers Australia Pty Limited (ABN 60 088 786 289) (AFSL No. 246830) and is intended for the general information of financial advisers and wholesale clients only.

In New Zealand: This document is intended for the general information of New Zealand wholesale investors only and does not constitute financial advice. This is not a regulated offer for the purposes of the Financial Markets Conduct Act 2013 (FMCA) and is only available to New Zealand investors who have certified that they meet the requirements in the FMCA for wholesale investors. Natixis Investment Managers Australia Pty Limited is not a registered financial service provider in New Zealand.

In Latin America: Provided by Natixis Investment Managers S.A.

In Chile: Esta oferta privada se inicia el día de la fecha de la presente comunicación. La presente oferta se acoge a la Norma de Carácter General N° 336 de la Superintendencia de Valores y Seguros de Chile. La presente oferta versa sobre valores no inscritos en el Registro de Valores o en el Registro de Valores Extranjeros que lleva la Superintendencia de Valores y Seguros, por lo que los valores sobre los cuales ésta versa, no están sujetos a su fiscalización. Que por tratarse de valores no inscritos, no existe la obligación por parte del emisor de entregar en Chile información pública respecto de estos valores. Estos valores no podrán ser objeto de oferta pública mientras no sean inscritos en el Registro de Valores correspondiente.

In Uruguay: Provided by Natixis Investment Mangers Uruguay S.A., a duly registered investment advisor, authorised and supervised by the Central Bank of Uruguay. Office: San Lucar 1491, oficina 102B, Montevideo, Uruguay, CP 11500. The sale or offer of any units of a fund qualifies as a private placement pursuant to section 2 of Uruguayan law 18,627.

In Colombia: Provided by Natixis Investment Managers S.A. Oficina de Representación (Colombia) to professional clients for informational purposes only as permitted under Decree 2555 of 2010. Any products, services or investments referred to herein are rendered exclusively outside of Colombia. This material does not constitute a public offering in Colombia and is addressed to less than 100 specifically identified investors.

In Mexico: Provided by Natixis IM Mexico, S. de R.L. de C.V., which is not a regulated financial entity or an investment manager in terms of the Mexican Securities Market Law (Ley del Mercado de Valores) and is not registered with the Comisión Nacional Bancaria y de Valores (CNBV) or any other Mexican authority. Any products, services or investments referred to herein that require authorization or license are rendered exclusively outside of Mexico. Natixis Investment Managers is an entity organized under the laws of France and is not authorized by or registered with the CNBV or any other Mexican authority to operate within Mexico as an investment manager in terms of the Mexican Securities Market Law (Ley del Mercado de Valores). Any use of the expression or reference contained herein to "Investment Managers" is made to Natixis Investment Managers and/or any of the investment management subsidiaries of Natixis Investment Managers, which are also not authorized by or registered with the CNBV or any other Mexican authority to operate within Mexico as investment managers.

The above referenced entities are business development units of Natixis Investment Managers, the holding company of a diverse line-up of specialised investment management and distribution entities worldwide. The investment management subsidiaries of Natixis Investment Managers conduct any regulated activities only in and from the jurisdictions in which they are licensed or authorized. Their services and the products they manage are not available to all investors in all jurisdictions. It is the responsibility of each investment service provider to ensure that the offering or sale of fund shares or third party investment services to its clients complies with the relevant national law.

The provision of this material and/or reference to specific securities, sectors, or markets within this material does not constitute investment advice, or a recommendation or an offer to buy or to sell any security, or an offer of any regulated financial activity. Investors should consider the investment objectives, risks and expenses of any investment carefully before investing. The analyses, opinions, and certain of the investment themes and processes referenced herein represent the views of the portfolio manager(s) as of the date indicated. These, as well as the portfolio holdings and characteristics shown, are subject to change. There can be no assurance that developments will transpire as may be forecasted in this material. Past performance information presented is not indicative of future performance.

Although Natixis Investment Managers believes the information provided in this material to be reliable, including that from third party sources, it does not guarantee the accuracy, adequacy, or completeness of such information. This material may not be distributed, published, or reproduced, in whole or in part.

All amounts shown are expressed in USD unless otherwise indicated.