

Monthly House Views



Hurdle Race

Household and business confidence indicators suggest that the global economy will continue to expand in coming quarters. The tax cuts implemented by the White House will provide further stimulus to the US economy, raising concerns about possible overheating. In the euro zone and Japan, the outlook for robust growth and sluggish inflation is unchanged. The UK continues to benefit from global demand which helps mitigate the impact of the domestic slowdown. And emerging economies should continue to enjoy the global pick-up in growth.

As suggested in our January House Views, households and investors have begun to expect price rises. In the US, 10-year “breakeven” inflation expectations (calculated from bond yields) have increased from 1.85% on average in Q4 to 2.1% at present. Recent strong employment figures in the US included a sharp rise in wage growth – which had dipped last autumn – suggesting that upward pressure on prices will persist. Although the current wage round in Germany also sees rising earnings for workers, the overall picture for the euro zone remains one of slow inflation.

The shift in inflation expectations over the past four months has moved investor forecasts for US monetary policy closer to the central bank’s own projections, i.e. three hikes in 2018. Although this remains our base case, if the economy shows any signs of tax-cut-fuelled overheating more tightening might be on the cards. For the ECB on the other hand, we expect the asset purchase programme to be fully wound down – by end 2018 – before key rates will be increased. Japan faces little meaningful inflationary pressure and is likely to continue its stimulus measures.

As global growth accelerates, equity investors are increasingly fearful of inflation and rate hikes, causing volatility spikes. However, we would suggest keeping calm as macro fundamentals and corporate earnings still paint a favourable backdrop for risky assets.

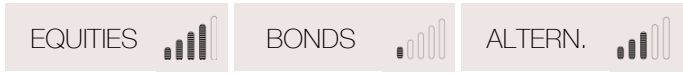
More details inside...

2 to 3 – Our views summarized

4 to 7 – The longer read

In accordance with the applicable regulation, we inform the reader that this material is qualified as a marketing document.

Our views summarized



Here, we present our [VaMoS investment approach](#), combining economic, valuation, momentum and sentiment signals that help us fine-tune our views on asset classes for the coming period. The signals below reflect the latest conclusions of our [Global Investment Committee](#). Here's how to read them:



		VA			MO		S	
		Valuation	Fundam.	Macro.	Momentum	Technicals	Sentiment	Risk
EQUITIES	United States	Neutral	Most preferred	Most preferred	Most preferred	Downgrade	Neutral	Downgrade
	Eurozone	Neutral	Most preferred	Most preferred	Neutral	Neutral	Downgrade	Downgrade
	UK	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Downgrade
	Switzerland	Neutral	Most preferred	Most preferred	Most preferred	Neutral	Neutral	Downgrade
	Japan	Most preferred	Most preferred	Most preferred	Most preferred	Neutral	Neutral	Downgrade
	Emerging	Most preferred	Most preferred	Most preferred	Most preferred	Downgrade	Downgrade	Downgrade

		Global	VA			MO			S		
			Valuation	Fundam.	Macro.	Momentum	Technicals	Sentiment	Risk		
BONDS	EUR		Upgrade	Neutral	Neutral	Upgrade	Neutral	Neutral	Upgrade	Neutral	Neutral
	USD		Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Neutral	Upgrade	Neutral	Neutral
	GBP		Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade
	Govies		Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade
	Linkers		Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade
	Inv. Grade		Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral
	HY		Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade	Upgrade
	Duration*		Short								

CURRENCIES		
	EUR/USD	Most preferred
	GBP/USD	Neutral
	USD/JPY	Neutral
	EUR/CHF	Most preferred
	USD/CNY	Neutral
	Emerging vs USD	Most preferred

ALTERNATIVES		
	Hedge funds	Neutral
	Gold	Neutral
	Oil	Neutral

Source: SG Private Banking, 12 February 2018, * Duration: short = 3-5yr, medium = 5-7yr, long = 7-10yr; HY = High Yield

In other words

EQUITIES*	United States	Given inflation and rate hikes will cap already extended valuations, the key driver for US equity return this year will be robust profit growth. We keep a small underweight due to excessive valuations and the Fed policy normalisation.
	Europe	Profits will remain supported by the global economic recovery but will rise at a slower pace than in 2017. Political uncertainty (Brexit, Italian elections) and weaker asset purchases from the ECB may cause investor concern.
	Eurozone	A stronger euro will weigh on exporters' profits. However, the broad-based recovery in domestic demand and solid global growth will drive earnings higher. We maintain a slight overweight.
	UK	Slower EPS growth, lacklustre economic activity and Brexit talks remain key concerns. Stay cautious.
	Switzerland	A weak franc, strong business sentiment and the robust global economic recovery will benefit Swiss multinationals.
	Japan	Stronger domestic demand, more robust global trade, slow exit from deflation and attractive valuation all compound to support Japanese equities.
	Emerging	Valuations are attractive but the economic context will be a little less supportive in 2018.

BONDS*	Sovereigns	As growth shows no sign of abating, markets have turned wary of inflation, driving yields higher. However, potential for higher yields will depend on inflation developments.
	Duration**	The bounce in US yields makes longer maturities slightly more attractive.
	Inflation-linked	Signs of inflation pressure reinforce our positive stance on inflation-linked bonds.
	Investment Grade	Investment Grade markets have weathered the recent bout of volatility rather well as demand remains high despite heavy issuance year-to-date. In the US, we retain a slight preference for Investment Grade bonds over High Yield.
	High Yield	In the US, wider high yield spreads could offer attractive entry points. In the eurozone, we still prefer high yield to investment grade bonds.
Emerging debt (in € and \$)	Selectivity is still key and we would advise keeping a close eye on US inflation – faster Fed hikes than expected could reduce the segment's appeal.	

CURRENCIES	EUR/USD	After a broad-based bounce, we still expect the dollar to lose ground versus the euro as it remains rather expensive. However, higher inflation in the US than in Europe is a downside risk for EUR/USD.
	GBP/USD	Risks are now to the downside – we forecast slower growth in the short and medium term and Brexit uncertainty remains high. We expect a modest drop versus the dollar.
	EUR/GBP	We expect the pound to experience a sharper fall against the single currency.
	USD/JPY	The economy is slowly exiting deflation but the Bank of Japan will stay ultra-accommodative this year with inflation still below the 2% target. Bouts of market volatility may cause yen spikes.
	EUR/CHF	We would expect the franc to correct lower as soon as volatility abates. It is also sharply overvalued which augurs renewed weakness in coming months.
	Emerging	Valuations look fair to cheap, providing support – we remain constructive on emerging currencies.

ALTERNAT.	Hedge funds	A recent rise in volatility, lower correlations and rising dispersion suggest better market dynamics for Long/Short Equity and Event Driven managers.
	Gold	Rising inflation expectations and a rise in US interest rates this year are negatives for bullion. However, growing market volatility should underline gold's safe haven status.
	Oil	The positive effects of the output cuts decided by OPEC and Russia have been offset by growing output of shale oil in the USA, leaving supply in excess of demand.

Source: SG Private Banking, 9 February 2017, EM = Emerging markets, hard currency = dollar & euro, *Relative views expressed in local currencies, ** Duration: short = 3-5yr, medium = 5-7yr, long = 7-10y

Economic focus



Dollar – More weakness ahead?

- After a rally from 2014 to early 2017, the dollar index has lost significant ground, erasing half its gains.
- However, the dollar recently bounced as participants started to fear more aggressive monetary tightening in the US following strong inflation data.
- We expect the dollar to lose further ground versus the euro in 2018 although an inflation-induced repricing of Fed rate hike expectations could provide a temporary boost.

- Last year saw mixed currency trends. While the dollar fell 10% after a 30% rally from mid-2013 to late 2016, the euro recovered around 15%, correcting more than half the losses recorded since 2014, and sterling rose gradually, approaching pre-Brexit levels. Meanwhile, emerging currencies regained ground versus the dollar thanks to the global recovery, higher commodity prices and stronger exports.
- Although the US Federal Reserve (Fed) is more advanced in normalizing its monetary policy, with a first rate hike in December 2015 and a reduction of its balance sheet since October 2017, we expect the dollar to stay under pressure for structural reasons.

What explains the dollar rally these last few years?

1. *Robust growth.* The United States have recovered stronger and faster than the other developed countries, helping the dollar pick up. Expectations for higher inflation in light of the shrinking economic slack in the US have been disappointed, curbing US rates and flattening the yield curve.
2. *Monetary policy divergence.* Since the European Central Bank (ECB) embarked on quantitative easing in March 2015, markets have priced in policy divergence between the ECB and the Fed, causing euro weakness and dollar strength.
3. *The performance of US assets.* US firms have benefited from robust growth, driving flows into equities. Also during cycle upturn, the dollar tends to outperform the other developed market currencies.

Why do we expect further dollar weakness?

1. *Tighter growth gaps.* Although US growth will remain strong thanks to the tax boost, the growth gap with the eurozone will narrow. Key emerging economies are exiting recession and activity in China has surprised on the upside.
2. *A shift in political risks.* Political risks have shifted from the eurozone to the United States. The defeat of populist parties in several European elections in H1 2017 revived hopes for institutional reform in the eurozone, helping the euro recover. Conversely, the United States have been regularly faced with political gridlocks such as the recent government shutdown.
3. *Monetary policy expectations.* While the yield gap between 10-year US and German sovereign bonds peaked at 235 basis points in December 2016, the differential between US and eurozone short rates has only narrowed somewhat. The focus is now more on monetary policy guidance in the eurozone.
4. *The dollar is overvalued.* A year ago, the dollar hit a cyclical high and started to correct lower. We believe there is more to come as it remains expensive.

Bottom line

- We expect the dollar to lose further ground versus the euro in 2018 although an inflation-induced repricing of Fed rate hike expectations could provide a temporary boost.

Fixed Income



Inflation concerns drive rates up

- As growth shows no sign of abating, markets have turned wary of inflation, driving yields higher.
- The bounce in US yields makes longer maturities slightly more attractive as upside inflation risks are moderate.
- Inflation-linked securities still provide good diversification.
- Despite the equity sell-off, credit spreads have only widened modestly thanks to strong demand.

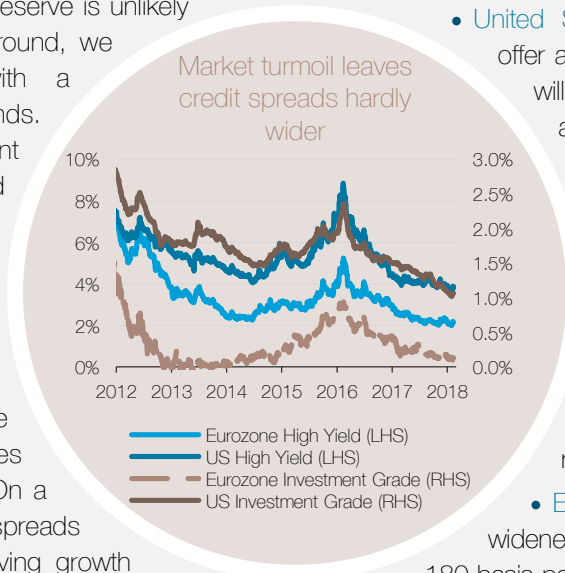
Rates

Credit

“ Potential for higher yields will depend on inflation developments ”

“ Credit markets still in a sweet spot ”

- **United States.** Stronger-than-expected wage growth triggered a sharp rise in bond yields to four-year highs and an equity sell-off. Perceptions of inflation risk have soared in the US, given the tax boost to growth, an ever tighter labour market and the dollar slide. However, actual inflation has yet to spike and long-term inflation breakevens have only risen modestly, moving back to early 2017 levels. Given that the rise in inflation should remain gradual, the US Federal Reserve is unlikely to overreact. Against this background, we remain on the defensive with a preference for inflation-linked bonds. Investors could also use the recent surge in US yields to raise bond duration to benchmark level as part of a tactical move.
- **Eurozone.** Despite the equity sell-off, bond markets have seen little safe-haven buying. Indeed, we expect yields to increase further, especially in core countries where they still look rather low. On a more positive note, peripheral spreads have narrowed further on improving growth prospects and expectations for rating upgrades. We expect higher long-dated yields in core countries and still favour the periphery. We also prefer linkers to fixed-coupon bonds.
- **United Kingdom.** Gilt yields should rise further in the wake of the US and eurozone. However, now that inflation pressures are easing, the upside will be limited.



- High-quality corporate bonds have proved resilient to the equity sell-off. High Yield bonds (HY) suffer more in turbulent times because of their higher correlation to equity markets. And indeed, Investment Grade (IG) credit spreads have only widened marginally compared to HY.
- Overall, IG credit markets have weathered the recent bout of volatility rather well as demand remains high despite heavy issuance year-to-date.
- **United States.** Wider HY spreads could offer attractive entry points. However, we will wait for dust to settle before adding to positions, and retain a preference for US IG bonds.
- **Eurozone.** The credit market will benefit from strong growth, cheap financing and the pivot in ECB purchases towards corporate bonds. Although we still prefer HY to IG bonds in euros, hybrid bonds offer the best risk-adjusted return.
- **Emerging debt.** Spreads have widened modestly from their all-time low at 180 basis points. However, synchronised global growth, better macro fundamentals and a softer dollar remain supportive. Selectivity is still key and we would advise keeping a close eye on US inflation – faster Fed hikes than expected could reduce the segment’s appeal.

Sources: SGPB, Bloomberg, Datastream, 08/02/2018. Past performance should not be seen as an indication of future performance. Investments may be subject to market fluctuations, and the price and value of investments and the income derived from them can go down as well as up. Your capital may be at risk and you may not get back the amount you invest.

Equities



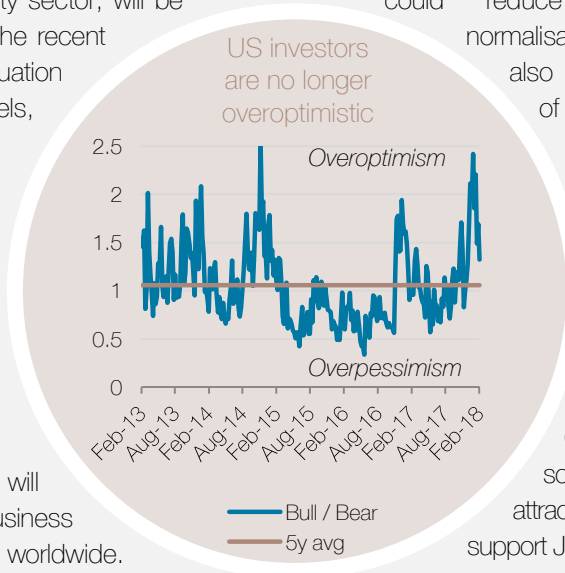
Keep cool

- After a long and steady rise in recent quarters, global equities were overbought and investor sentiment overly optimistic, setting the scene for a sell-off.
- Growing inflation expectations, gradual monetary tightening and rising government bond yields should limit expected performance.
- Global equity returns will be supported by synchronised global economic expansion and robust corporate profit growth in coming months.
- Financials should be the main beneficiaries of rising global rates.

Favour those regions which benefit most from global economic expansion

🗨️ Eurozone to benefit from strong global economic expansion 🗨️ 🗨️ US equities: strong profit growth will be mitigated by rising inflation and higher rates 🗨️

- **Eurozone.** Although a stronger euro is bad news for exporters, the broad-based domestic recovery and solid global growth bode well for earnings in coming months. Profitability is improving slowly but sales growth remains strong and margins should expand further as wage pressure is muted. All in all, earnings-per-share (EPS) are likely to grow nearly 10% this year and should be the main driver of equity return as rising yields will limit valuation upside. Financials, the largest equity sector, will be the main beneficiaries. Moreover, the recent sell-off has brought eurozone valuation back to more attractive levels, especially versus the United States.
- **UK.** The UK market will continue to lag developed peers as we expect slower EPS growth in the UK than elsewhere this year. In addition, lacklustre economic growth and Brexit uncertainties remain serious concerns, encouraging us to handle UK equities with caution.
- **Switzerland.** Swiss multinationals will enjoy a weak franc, strong business confidence and economic strength worldwide. High exposure to defensive sectors may limit the upside.



- **United States.** US equities will be mainly supported by strong profit growth in coming months. Although the reporting season is not over, earnings growth appears to have been very strong in Q4. More importantly, companies are delivering positive guidance for this year. Tax reform, a weaker dollar and robust economic growth have triggered an upgrade in consensus forecasts to double-digit growth this year. However, rising wages could reduce margins. Monetary policy normalisation and rising Treasury yields will also increase volatility, capping upside of this very expensive market.
- **Japan.** Japanese firms should continue to benefit from robust domestic demand and stronger global trade. The economy is slowly exiting deflation but the Bank of Japan will stay ultra-accommodative this year with inflation still below the 2% target. Corporate governance reforms, sound company fundamentals and attractive valuation metrics will also support Japanese equities.
- **Emerging markets.** The economic environment will be a little less supportive this year with a mild slowdown in China, rate hikes in the US and a rise in global yields in reaction to higher inflation expectations. However, strong global trade, high exposure to technological innovation, rising oil prices, a weak dollar and attractive valuations will support emerging markets. We keep a neutral stance.

Sources: SGPB, Datastream, 08/02/2018, US AAI Sentiment survey, % of bullish to % of bearish answers. Past performance should not be seen as an indication of future performance. Investments may be subject to market fluctuations, and the price and value of investments and the income derived from them can go down as well as up. Your capital may be at risk and you may not get back the amount you invest.

Currencies

Dollar – just a dead-cat bounce

- Dollar to be supported by revived price pressure in the US – but don't get carried away.
- After a bout of weakness, the euro should recover in the medium term.
- Slow growth and political uncertainty will keep sterling southbound.
- Solid growth prospects and rising commodity prices should hedge emerging currencies against dollar strength.

Dollar recovery

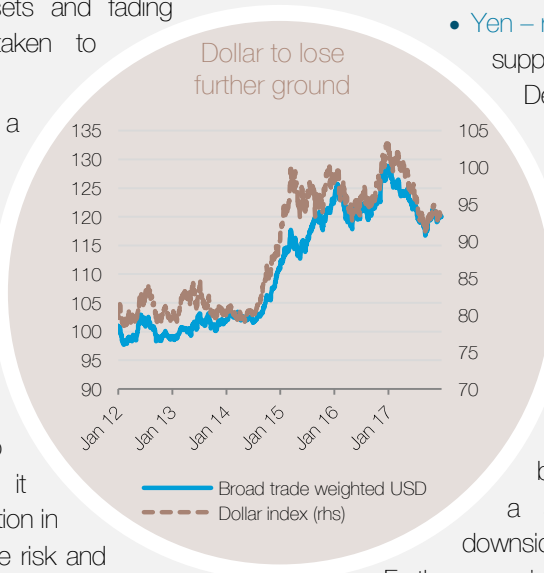
The euro has eased from 3-year highs

- **Euro – taking a pause.** Good economic surprises and hopes for a change in tack from the ECB drove EUR/USD to a three-year high above 1.25 in early February. Then, with price pressures building in the US, investors started to buy the Fed's rate hike scenario, helping the dollar take the upper hand. While we expect further upside for the dollar in coming weeks, we believe the euro will strengthen thereafter thanks to a growth-related shift in ECB guidance, stronger foreign demand for euro-denominated assets and fading political risks as initiatives are taken to strengthen the institutional framework.
- **Dollar – a dead-cat bounce.** After a steady decline in 2017, the dollar has recovered thanks to strong macro readings, tax reform and revived Fed rate hike expectations. There is little doubt the Fed will continue to normalize policy, leaving the focus on the ECB and Bank of Japan (BoJ). After this broad-based bounce, we still expect the dollar to lose ground versus the euro as it remains rather expensive. Higher inflation in the US than in Europe is a downside risk and the exchange rate should adjust accordingly.
- **Sterling – heading lower.** In 2017, sterling was supported by a softer dollar and economic resilience. By early 2018, the pound had recovered the ground lost after 2016's Brexit vote. Risks are now to the downside – we forecast slower growth in the short and medium term and Brexit uncertainty remains high. We expect a modest drop versus the dollar but a sharper fall against the single currency.

Risk aversion benefits safe havens

Emerging currencies should benefit from high yields and dollar weakness

- **Swiss franc – edging lower.** The franc shot higher in the wake of the recent market rout. As a safe haven, the Swiss franc remains highly sensitive to shifts in risk appetite. However, we would expect it to correct lower as soon as volatility abates. Furthermore, it is sharply overvalued which augurs renewed weakness in coming months. The central bank should maintain an aggressive monetary policy stance, paving the way for a weaker franc.
- **Yen – range-bound.** The yen has also been supported by recent market turmoil. Despite higher inflation, the Bank of Japan (BoJ) should maintain an easy policy and continue its asset purchases. Capital outflows from domestic institutional investors are also a drag on the yen. However, bouts of volatility may cause yen spikes.
- **Emerging currencies – Carry on.** Emerging currencies have been weakened by risk aversion and a stronger dollar. We see limited downside risks as carry is still attractive. Furthermore, improving fundamentals and prudent economic policies will make currencies less sensitive to rising US rates. The upturn in global growth is also a positive as it implies higher commodity prices and accelerating exports. Overall, valuations look fair to cheap, providing additional support – we remain constructive on emerging currencies.



Sources: SGPB, Bloomberg, 09/02/2018. Past performance should not be seen as an indication of future performance. Investments may be subject to market fluctuations, and the price and value of investments and the income derived from them can go down as well as up. Your capital may be at risk and you may not get back the amount you invest.

Alternatives



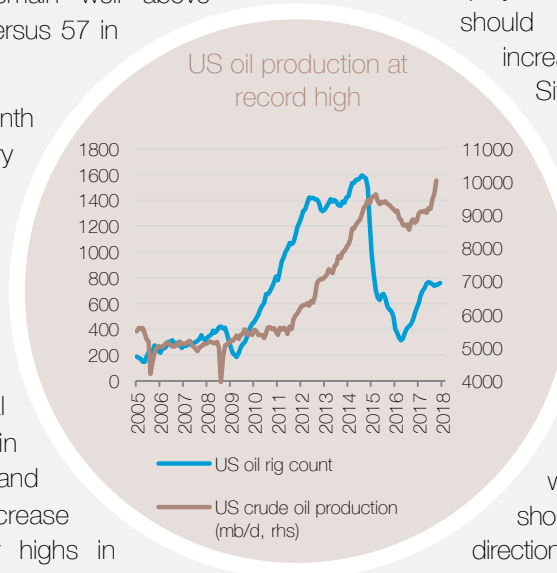
A Shift in Dynamics

- The US is emerging as the world's second-largest oil producer, which should cap upside for prices.
- Recent rises in volatility, lower correlations and rising dispersion suggest better market dynamics for Long/Short Equity and Event Driven managers.
- Despite turbulence in bond markets, spreads in Credit have yet to rise enough to provide new opportunities, while Global Macro/CTA managers may struggle with volatility spikes.

Commodities

The oil price rally is over

- **Crude oil.** The positive effects of the output cuts decided by OPEC and Russia have been offset by growing output of shale oil in the USA, leaving supply in excess of demand. According to the Energy Information Agency (EIA), the USA could overtake Saudi Arabia as the second world producer with average daily output of 10.3 million barrels per day this year and close in on Russia in 2019 with 10.9 mb/d. US oil exports reached an all-time high at 1.6 mb/d in Q4 2017 and world crude inventories remain well above average at 62 days of demand versus 57 in 2013.
- **Gold.** Bullion posted an 18-month high above \$1,366 in late January despite a 7% decline in world demand in 2017 according to the World Gold Council. Investment demand was down 23%, mainly due to weaker inflows into ETFs. Bar and coin demand fell 1.9% and central banks bought 5% less gold than in 2016. On the other hand, demand for jewellery rose 4%, the first increase since 2013, driven by 17-year highs in demand in India thanks in part to the government's Q4 decision to exclude jewellery from anti-money laundering regulation. On the supply side, gold recycling normalized last year after a very strong 2016 while mining growth remained sluggish. All in all, total supply was down 4% versus 2016. Rising inflation expectations and US rate hikes this year are negatives for bullion. However, growing market volatility should underline gold's safe haven status.



Hedge funds

Rising interest rates have historically been associated with stronger hedge fund performance

- **Equity Long/Short.** Long/Short managers are required to post collateral against their shorts in the form of Treasury notes, meaning that they tend to register improving returns as interest rates rise. In addition, the improving dynamics we described in January (multi-year lows in correlations and rising stock dispersion) now come with higher volatility. Active managers should benefit in these conditions.
- **Event Driven.** Boosts to corporate profits from tax cuts and the deployment of repatriated foreign earnings should boost corporate activity, further increasing opportunities for Special Situations funds. Recent market volatility should increase the spreads between the share prices of acquirers and their prey on heightened uncertainty, helping enhance potential returns in Merger Arbitrage.
 - **Credit/Distressed Debt.** As suggested last month, corporate credit spreads have begun to widen as equity volatility feeds worries in high yield – Credit investors should continue to avoid funds with high directional exposure to prices. In Distressed Debt, Fitch's forecast of a doubling of defaults in US high yield in 2018 suggests better opportunities ahead.
- **Global Macro/CTAs.** Recent whipsaw trading in equities may have proved challenging for all but the most agile CTAs. On the other hand, the reemergence of stronger trends in bonds should help diversify their portfolios. For Global Macro managers, the shift in fundamentals driven by reduced monetary policy support should improve their opportunity set in coming months, once the volatility spike is over.

Sources: SGPB, Bloomberg, 31/01/2018. Past performance should not be seen as an indication of future performance. Investments may be subject to market fluctuations, and the price and value of investments and the income derived from them can go down as well as up. Your capital may be at risk and you may not get back the amount you invest.

Important information

Kleinwort Hambros is the brand name of SG Kleinwort Hambros Bank Limited, which is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. The firm reference number is 119250. The company is incorporated in England and Wales under number 964058 and its registered address is 5th Floor, 8 St James's Square, London SW1Y 4JU.

Societe Generale Private Banking is a division of the Societe Generale Group operating through its head office within Societe Generale S.A. and its network (subsidiaries, branches or departments of Societe Generale S.A.) located in the countries mentioned hereafter which use the "Societe Generale Private Banking" brand, and which distribute this document.

Subject of the document

This document has been prepared by experts of the Group Societe Generale, and more particularly of Societe Generale Private Banking division, to provide you with information relating to certain financial and economic data. The names and functions of the people who prepared this document are indicated on the first pages of the document.

This document is non-independent research and is a marketing communication. It has not been prepared in accordance with legal requirements designed to promote the independence of investment research and the investment service provider is not subject to any prohibition on dealing ahead of the dissemination of investment research.

In order to read and understand the financial and economic information included in this document, you will need to have knowledge and experience of financial markets. If this is not the case, please contact your advisor so that you no longer receive the document. Unless you do this, we shall consider that you have the necessary skills to understand this document.

Please note that this document only aims to provide simple information to help you in your investment or disinvestment decisions, and that it does not constitute a personalised recommendation. You remain responsible for the management of your assets, and you take your investment decisions freely. Moreover, the document may mention asset classes that are not authorised/marketed in certain countries, and/or which might be reserved for certain categories of investors. Therefore, should you wish to make an investment, as the case may be and according to the applicable laws, your advisor within the Societe Generale Private Banking entity of which you are a client will check your eligibility for this investment and whether it corresponds to your investment profile.

Should you not wish to receive this document, please inform your private banker in writing, and he/she will take the appropriate measures.

Conflicts of interest

This document contains the views of Societe Generale Private Banking's experts. Societe Generale Private Banking trading desks may trade, or have traded, as principal on the basis of the expert(s) views and reports. In addition, Societe Generale Private Banking's experts receive compensation based, in part, on the quality and accuracy of their analysis, client feedback, revenues of their entity of the Societe Generale Group and competitive factors.

As a general matter, entities within the Societe Generale Group may make a market or act as a principal trader in securities referred to in this report, and can provide banking services to the companies mentioned in that document, and to their subsidiary. Entities within the Societe Generale Group may from time to time deal in, profit from trading on, hold on a principal basis, or act advisers or brokers or bankers in relation to securities, or derivatives thereof, or asset class(es) mentioned in this document.

Entities within the Societe Generale Group may be represented on the supervisory board or on the executive board of such persons, firms or entities.

Employees of the Societe Generale Group, or persons/entities connected to them, may from time to time have positions in or hold any of the investment products/ asset class(es) mentioned in this document.

Entities within the Societe Generale Group may acquire or liquidate from time to time positions in the securities and/or underlying assets (including derivatives thereof) referred to herein, if any, or in any other asset, and therefore any return to prospective investor(s) may directly or indirectly be affected.

Entities within the Societe Generale Group are under no obligation to disclose or take into account this document when advising or dealing with or on behalf of customers.

In addition, Societe Generale Private Banking may issue other reports that are inconsistent with, and reach different conclusions from the information presented in this report and is under no obligation to ensure that such other reports are brought to the attention of any recipient of this report.

Societe Generale Group maintains and operates effective organisational and administrative arrangements taking all reasonable steps to identify, monitor and manage conflicts of interest. To help the Societe Generale Private Banking Entities to do this, they have put in place a management of conflicts of interest policy designed to prevent conflicts of interest giving rise to a material risk of damage to the interests of Societe Generale Private Banking's clients. For further information, Societe Generale Private Banking's clients can refer to the management of conflicts of interests policy, which was provided to them by the Societe Generale Private Banking entity of which they are clients.

General Warning

This document, which is subject to modifications, is provided for information purposes only and has no legal value.

This material has been prepared for information purposes only and is not intended to provide investment advice nor any other investment service. The document does not constitute and under no circumstances should it be considered in whole or in part as an offer, a personal recommendation or advice from any of the Societe Generale Private Banking entities, regarding investment in the asset classes mentioned therein. The information in this document does not constitute legal, tax or accounting advice.

Some products and services might not be available in all Société Générale Private Banking entities. Their availability in your jurisdiction may be restricted depending on local laws and tax regulations. You should be aware that the investment to which this material relates may involve numerous risks. The amount of risk may vary but can expose you to a significant risk of losing all of your capital, including a potential unlimited loss. Accordingly these products or services may be reserved only for a certain category of eligible investors such as those who are sophisticated and familiar with these types of investment and who understand the risks involved. Also, they have to comply with the Société Générale Group Tax Code of Conduct. Furthermore, accessing some of these products, services and solutions might be subject to other eligibility conditions. Your private banker is available to discuss these products, services and solutions with you and to check if they can respond to your needs and are suitable for your investor profile.

Accordingly, before making an investment decision, a potential investor, as the case may be and according to the applicable laws, will be questioned by his or her advisor within the Societe Generale Private Banking entity, of which the investor is a client, regarding his eligibility for the envisaged investment, and the compatibility of this investment with his investment profile and objectives. Before any investment, the potential investor should also consult his own independent financial, legal and tax advisers in order to obtain all the financial, legal and tax information which will allow him to appraise the characteristics and the risks of the envisaged investment and the pertinence of the strategies discussed in this document, as well as the tax treatment of the investment, in the light of his own circumstances.

Prior to any investment, a potential investor must be aware of, understand and sign the related contractual and informative information, including documentation relating to risks. The potential investor has to remember that he should not base any investment decision and/or instructions solely on the basis of this document. Any investment may have tax consequences and it is important to bear in mind that the Societe Generale Private Banking entities, do not provide tax advice. A potential investor should seek independent tax advice (where appropriate).

Investment in some of the asset classes described in this document may not be authorised in certain countries, or may be restricted to certain categories of investors. It is the responsibility of any person in possession of this document to be aware of and to observe all applicable laws and regulations of relevant jurisdictions. This document is not intended to be distributed to people or in jurisdictions where such distribution is restricted or illegal. It is not to be published or distributed in the United States of America and cannot be made available directly or indirectly in the United States of America or to any U.S. person.

The price and value of investments and the income derived from them can go down as well as up. Changes in inflation, interest rates and exchange rates may have adverse effects on the value, price and income of investments issued in a different currency from that of the client. The simulations and examples included in this document are provided for informational and illustration purposes alone. The present information may change with market fluctuations, and the information and views reflected in this document may change. The Societe Generale Private Banking entities disclaim any responsibility for the updating or revising of this document. The document's only aim is to offer information to investors, who will take their investment decisions without relying solely on this document. The Societe Generale Private Banking entities disclaim all responsibility for direct or indirect losses related to any use of this document or its content. The Societe Generale Private Banking entities do not offer no implicit or explicit guarantees as to the accuracy or exhaustivity of the information or as to the profitability or performance of the asset classes, countries and markets concerned.

The historical data, information and opinions provided herein have been obtained from, or are based upon, external sources that the Societe Generale Private Banking entities believe to be reliable, but which have not been independently verified. The Societe Generale Private Banking entities shall not be liable for the accuracy, relevance or exhaustiveness of this information. Information about past performance is not a guide to future performance and may not be repeated. Investment value is not guaranteed and the value of investments may fluctuate. Estimates of future performance are based on assumptions that may not be realised.

This document is confidential. It is intended exclusively for the person to whom it is given, and may not be communicated or notified to any third party (with the exception of external advisors, on the condition they themselves respect this confidentiality undertaking). It may not be copied in whole or in part without the prior written consent of the relevant Societe Generale Private Banking entity.

Specific warnings per jurisdiction

France: Unless otherwise expressly indicated, this document has been issued and distributed by Societe Generale, a French bank authorised and supervised by the *Autorité de Contrôle Prudenciel et de Résolution*, located at 61, rue Taitbout, 75436 Paris Cedex 09 under the prudential supervision of the *European Central Bank* ("ECB"), and under the control of the *Autorité des Marchés Financiers* ("AMF"). Societe Generale is also registered at ORIAS as an insurance intermediary under the number 07 022 493 orias.fr. Societe generale is a French Société Anonyme with its registered address at 29 boulevard Haussman, 75009 Paris, with a capital of EUR 1,009,641,917.50 on 31 December 2016 and unique identification number 552 120 222 R.C.S. Paris. Further details are available on request or can be found at [www. http://www.privatebanking.societegenerale.fr/](http://www.privatebanking.societegenerale.fr/).

Belgium: This document has been distributed in Belgium by Société Générale Private Banking SA/NV, a Belgian credit institution according to Belgian law and controlled and supervised by the *National Bank of Belgium* ("NBB") and the *Financial Services and Markets Authority* ("FSMA"), and under the prudential supervision of the European Central Bank- ECB. Société Générale Private Banking SA/NV is registered as an insurance broker at the FSMA under the number 61033A. Société Générale Private Banking SA/NV has its registered address at 9000 Ghent, Kortrijksesteenweg 302, registered at the RPM Ghent, under the number VAT BE 0415.835.337. Further details are available on request or can be found at www.privatebanking.societegenerale.be.

Luxembourg: This document has been distributed in Luxembourg by Societe Generale Bank and Trust ("SGBT"), a credit institution which is authorised and regulated by the *Commission de Surveillance du Secteur Financier* ("CSSF") under the prudential supervision of the *European Central Bank* ("ECB"), and whose head office is located at 11 avenue Emile Reuter – L 2420 Luxembourg. Further details are available on request or can be found at www.sgbt.lu. No investment decision whatsoever may result from solely reading this document. SGBT accepts no responsibility for the accuracy or otherwise of information contained in this document. SGBT accepts no liability or otherwise in respect of actions taken by recipients on the basis of this document only and SGBT does not hold itself out as providing any advice, particularly in relation to investment services. The opinions, views and forecasts expressed in this document (including any attachments thereto) reflect the personal views of the author(s) and do not reflect the views of any other person or SGBT unless otherwise mentioned. SGBT has neither verified nor independently analysed the information contained in this document. The CSSF has neither verified nor analysed the information contained in this document.

Monaco: The present document has been distributed in Monaco by Société Générale Private Banking (Monaco) S.A.M., located 13, 15 Bd des Moulins, 98000 Monaco, Principality of Monaco, governed by the *Autorité de Contrôle Prudentiel et de Résolution* and the *Commission de Contrôle des Activités Financières*. The Financial products marketed in Monaco can be reserved for qualified investors in accordance with Law No. 1339 of 07/09/2007 and Sovereign Ordinance No 1.285 of 10/09/2007. Further details are available upon request or on www.privatebanking.societegenerale.mc.

Switzerland: This document has been communicated in Switzerland by Société Générale Private Banking (Suisse) SA (« SGPBS »), whose head office is located at rue du Rhône 8, CP 5022, CH-1211 Geneva 11. SGPBS is a bank authorized by the *Swiss Financial Market Supervisory Authority* ("FINMA"). Further details are available on request or can be found at www.privatebanking.societegenerale.ch.

This document (i) does not provide any opinion or recommendation about a company or a security, or (ii) has been prepared outside of Switzerland for « Societe Generale Private Banking. Therefore, the Directives of the Swiss Bankers Association (SBA) on the Independence of Financial Research do not apply to this document.

This document has not been prepared by SGPBS. SGPBS has neither verified nor independently analyzed the information contained in this document. SGPBS accepts no responsibility for the accuracy or otherwise of information contained in this document. The opinions, views and forecasts expressed in this document reflect the personal views of the relevant author(s) and shall not engage SGPBS' liability.

This document is not a prospectus within the meaning of articles 652a and 1156 of the Swiss Code of Obligations.

United Kingdom: Kleinwort Hambros is the brand name of SG Kleinwort Hambros Bank Limited, which is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. The firm reference number is 119250. The company is incorporated in England and Wales under number 964058 and its registered address is 5th Floor, 8 St James's Square, London SW1Y 4JU.

Channel Islands: Kleinwort Hambros is the brand name of SG Kleinwort Hambros Bank (CI) Limited, which is regulated by the Jersey Financial Services Commission ("JFSC") for banking, investment, money services and fund services business. The company is incorporated in Jersey under number 2693 and its registered address is PO Box 78, SG Hambros House, 18 Esplanade, St Helier, Jersey JE4 8PR. SG Kleinwort Hambros Bank (CI) Limited – Guernsey Branch is also regulated by the Guernsey Financial Services Commission ("GFSC") for banking, investment and money services business. Its address is PO Box 6, Hambro House, St Julian's Avenue, St Peter Port, Guernsey, GY1 3AE. The company (including the branch) is also authorised and regulated by the UK Financial Conduct Authority ("FCA") in respect of UK regulated mortgage business and its firm reference number is 310344. This document has not been authorised or reviewed by the JFSC, GFSC or FCA.

Gibraltar: Kleinwort Hambros is the brand name of SG Kleinwort Hambros Bank (Gibraltar) Limited, which is authorised and regulated by the Gibraltar Financial Services Commission for the conduct of banking, investment and insurance mediation business. The company is incorporated in Gibraltar under number 01294 and its registered address is 32 Line Wall Road, Gibraltar

Societe Generale Private Banking Hambros is part of the wealth management arm of the Societe Generale Group, Societe Generale Private Banking. Societe Generale is a French bank authorised in France by the *Autorité de Contrôle Prudentiel et de Résolution*, located at 61, rue Tailbout, 75436 Paris Cedex 09, and under the prudential supervision of the *European Central Bank* ("ECB"). It is also authorised by the *Prudential Regulation Authority* and regulated by the *Financial Conduct Authority* and the *Prudential Regulation Authority*.

<http://www.privatebanking.societegenerale.com>

© Copyright Societe Generale Group 2018. All rights reserved. Any unauthorised use, duplication, redistribution or disclosure in whole or in part is prohibited without the prior consent of Societe Generale. The key symbols, Societe Generale, Societe Generale Private Banking are registered trademarks of Societe Generale. All rights reserved. CA053/FEB/2018