

# Monthly House Views



## Pace yourself

[The synchronised upswing in the global economy looks set to continue in 2018](#). The growth outlook for the US was already for a robust ~2% before the announcement of the tax cut plan in late December provided an additional boost. Revived business confidence has shown up in capital expenditure plans, which will be key to kick-starting productivity growth and prolonging the cycle. While we anticipate a gradual slowdown in China as the authorities seek to reduce leverage in the financial system, we still believe global economic growth should be higher this year than last.

We believe that robust global growth will begin to revive household and investor expectations for inflation in 2018. However, the actual rises in prices will continue to be muted by the disinflationary forces which have developed in recent years – globalization of business supply chains, the impact of the sharing economy etc. – except in the UK where the devaluation has boosted prices of imported goods. Bottom line – [inflation will rise closer to central bank targets throughout the year](#).

In this context, monetary policy normalization is set to continue. In the US, the Federal Reserve (Fed) will hike further and continue gradual shrinkage of its asset holdings. The European Central Bank (ECB) has already decided to slow the pace of asset purchases and is likely to announce a halt to the programme in the second half – careful communication will be key to avoiding market disruption – but we do not expect rate hikes to commence until well into 2019. Given the gradualism of policy adjustments, [monetary policy will remain broadly supportive this year](#).

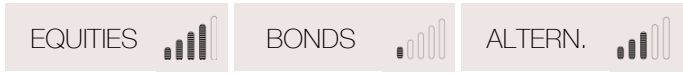
*More details inside...*

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	Neutral	Downgrade	Neutral
	Eurozone	Neutral	Neutral	Upgrade	Downgrade	Neutral	Neutral	Neutral
	UK	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral
	Switzerland	Neutral	Most preferred	Most preferred	Most preferred	Neutral	Neutral	Neutral
	Japan	Neutral	Most preferred	Most preferred	Most preferred	Neutral	Neutral	Neutral
	Emerging	Neutral	Most preferred	Most preferred	Neutral	Downgrade	Neutral	Neutral

		EUR	Global	VA	MO	S
BONDS	Govies	Neutral	Neutral	Neutral	Neutral	Neutral
	Linkers	Most preferred	Most preferred	Upgrade	Most preferred	Most preferred
	Inv. Grade	Neutral	Neutral	Neutral	Neutral	Neutral
	HY	Neutral	Neutral	Neutral	Neutral	Neutral
	Duration*	Short				

		USD	Global	VA	MO	S
BONDS	Govies	Neutral	Neutral	Neutral	Neutral	Neutral
	Linkers	Most preferred	Most preferred	Upgrade	Most preferred	Most preferred
	Inv. Grade	Neutral	Neutral	Upgrade	Upgrade	Neutral
	HY	Neutral	Neutral	Neutral	Neutral	Neutral
	Duration*	Short				

		GBP	Global	VA	MO	S
BONDS	Govies	Neutral	Neutral	Upgrade	Neutral	Neutral
	Linkers	Downgrade	Downgrade	Downgrade	Neutral	Neutral
	Inv. Grade	Neutral	Neutral	Neutral	Neutral	Neutral
	HY	Neutral	Neutral	Neutral	Neutral	Neutral
	Duration*	Short				

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

ALTERNATIVES	Hedge funds	Neutral
	Gold	Upgrade
	Oil	Neutral

Source: SG Private Banking, 16 January 2018, \* Duration: short = 3-5yr, medium = 5-7yr, long = 7-10yr; HY = High Yield

## In other words

EQUITIES*	United States	Despite robust profit growth, upside in US equities will be capped by Fed policy normalisation.
	Europe	Corporate earnings will remain supported by the global economic recovery but will rise at a slower pace. Political uncertainty (Brexit, Italian elections) and the ECB's cuts in asset purchases may cause investors some concern.
	Eurozone	Eurozone companies will continue to benefit from a positive economic backdrop, but weaker earnings growth than 2017 and lower profitability compared to global equities may cap the outperformance potential. We remain slightly overweight.
	UK	Despite support from a weaker currency and rising oil prices, we remain cautious. Earnings growth remains slow and the outcome of Brexit negotiations is still uncertain.
	Switzerland	Swiss multinationals should continue to benefit from a weaker franc and strong business confidence.
	Japan	A loose policy mix, robust corporate profit growth, improvement in corporate governance and attractive valuations will continue to support Japanese equities.
	Emerging	Despite a positive environment and attractive valuations, the economic context will be a little less supportive in 2018 while the strong upside momentum leaves prices in overbought territory.
BONDS*	Sovereigns	Synchronized and sustained growth is set to push yields higher, weighing on bond performance.
	Duration**	We favour the short end as the yield curve could shift upwards and steepen.
	Inflation-linked	Early signs of inflation pressure reinforce our positive stance on inflation-linked bonds.
	Investment Grade	In the US, we retain a slight preference for Investment Grade (IG) bonds over High Yield (HY). We suggest focusing on longer-dated IG bonds, which should see less supply.
	High Yield	In the eurozone, we prefer HY to IG bonds – balance sheets look healthier than in the US, the economic backdrop is supportive and the yield pick-up remains attractive.
Emerging debt (in € and \$)	Attractive yields and a supportive macro environment have underpinned performance of emerging debt.	
CURRENCIES	EUR/USD	The euro is at a 3-year high thanks to a supportive environment but a short-term pullback cannot be ruled out.
	GBP/USD	Sterling has benefited from a better global economic background and a rate hike but the future looks gloomier.
	EUR/GBP	The cross rate is likely to reach or break through historical highs in 2018.
	USD/JPY	Mixed forces should keep the yen range-trading.
	EUR/CHF	Global risk appetite and a stronger euro will continue to weigh on the franc.
	Emerging	Flow and macro factors bode well for emerging currencies but beware of countries with weak fundamentals.
ALTERNAT.	Hedge funds	Market dynamics will continue to favour Long/Short Equity and the macro backdrop is also supportive for Event Driven strategies. Opportunities in Credit and Distressed Debt will remain thin on the ground.
	Gold	Sustained demand for physical gold and a rise in gold-related Exchange Traded Fund (ETF) holdings have lifted prices although the US rates outlook acts as a headwind.
	Oil	Supply disruptions, the extension of output cuts and robust demand have driven prices higher. However, the upside will be limited by an increase in US shale production.

Source: SG Private Banking, 11 Jan. 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



### Treasury yields – How much upside?

- After range-trading in 2017, Treasury yields have soared in recent weeks. However, they remain well below fair value.
- Tax cuts will help boost growth while rising wages put further pressure on the Fed to normalise policy. Widening deficit and reduced Fed purchases also to put upward pressure on yields.
- These forces will be mitigated by disinflationary forces and by international flows.
- *All in all, we expect yields to grind higher over 2018.*

- In 2017, long-term bond yields traded in a range, as inflation prints and forecasts remained low despite further expansion in global growth.
  - However, the first weeks of 2018 have seen US bond yields spike as markets feared a cutback in Chinese buying and expected faster normalization of monetary policies in the US and abroad. While there is little chance of Chinese investors dumping Treasury bonds, the recent sell-off of Treasuries reflects market nervousness.
  - US yields have returned to levels last seen in early 2017 when markets still expected that swift economic recovery would push inflation much higher. They are still below fair value, which can be derived from long-term nominal growth. With potential growth at 2% in the US and the country's GDP deflator between 1.5% and 2%, fair value for bond yields would stand in the region of 3.5-4% - although yields can of course remain well below these levels for long periods.
  - Looking further out, we see some other factors likely to push US yields higher and others that could limit the upside.
3. *Further tapering.* To cut its balance sheet, the Fed no longer reinvests the full proceeds from maturing bonds. So far, the impact has been minimal but the Fed will continue to reduce reinvestment, shrinking its importance as a marginal buyer of bonds and mortgage-backed securities.
  4. *A widening budget deficit.* The tax reform will deepen the long-term deficit. This will lead to heavier debt issuance, putting yields under upward pressure.

### And what could limit their upside?

1. *Inflation disappointments:* Despite stronger growth, disinflationary forces may continue to quell inflation pressures, contributing to a flatter yield curve.
2. *Central bank liquidity provision:* While the Fed is cutting its balance sheet, other G4 central banks are still injecting liquidity into the market, making yields less volatile. We do not expect the aggregate balance sheet of the G4 central banks to begin to shrink before 2019.
3. *Yield gap:* Monetary policies remain ultra-loose in Japan and the eurozone, capping domestic bond yields. This encourages bond investors to chase higher yields in the US, either directly in dollars or by hedging the currency. This means that upside in US yields is contained by low yields elsewhere, which prevents the yield gap against Bunds from exceeding 2% for long.

### What could drive US yields higher?

1. *Strong growth.* US growth has been running at or close to 3% in recent quarters and we expect tax reform to give the economy a further boost. With unemployment already below its equilibrium rate, wages are likely to pick up sooner than later.
2. *Fed rate hikes.* We expect the US Federal Reserve (Fed) to hike rates further as higher wages feed into higher inflation. The market consensus remains much more cautious, and the resulting adjustments to expectations would impact longer-dated bonds through higher term premia.

### Bottom line

- *We believe that bond yields will be driven modestly higher in 2018 by strong growth and monetary policy normalization. However, we do not expect a bond crash as central banks will continue to phase out their monetary stimulus gradually and inflation is unlikely to shoot up.*

# Fixed Income



## Rates on the Rise

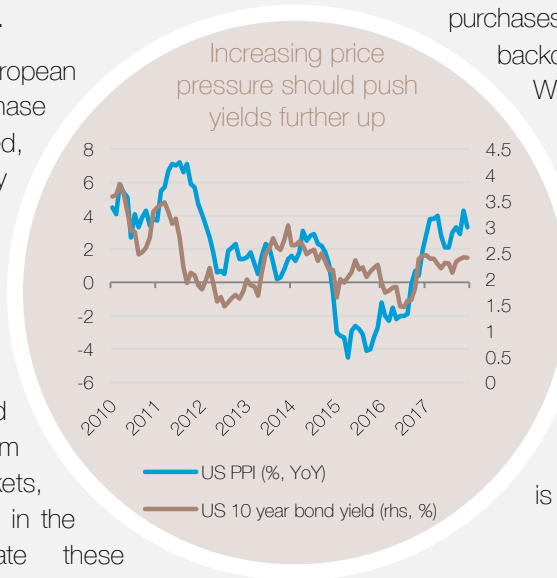
- Rising yields mean short-maturity sovereign bonds should be preferred to longer dates.
- Inflation-linked securities should also do well.
- Tight credit spreads call for selectivity – for example, investment grade bonds in the US, High Yield in the eurozone and corporate hybrids.

## Rates

## Credit

“ We see higher yields creating value later this year ” “ Recovery and ECB corporate purchases favour eurozone credit ”

- The macro backdrop continues to argue for higher long-dated yields across the board.
- **United States.** Regarding the market in US Treasuries, the recently-decided tax cuts provide additional economic stimulus and have also begun to feed into higher wage settlements. Yields have already begun to move higher and there is further to come. This warrants a defensive stance at present, although we do see higher yields creating some value later this year.
- **Eurozone.** Although the European Central Bank’s asset purchase programme remains open-ended, gradual normalisation has clearly commenced. We expect higher long-dated yields and continue to prefer the eurozone periphery to the core, and inflation-linkers to fixed-coupon bonds.
- **United Kingdom.** Gilt yields should experience upward pressure from the US and eurozone markets, although the weakness expected in the UK economy should mitigate these pressures.



- The yield pick-up suggests modest outperformance of sovereigns by corporate bonds.
- Investment Grade (IG) credit spreads have tightened less in the US than in the eurozone, while those in High Yield (HY) have reached extremely demanding levels. Credit cycle dynamics suggest **IG should be preferred to HY in dollars.**
- Eurozone economic recovery and corporate bond purchases by the ECB provide a favourable backdrop to credit markets in the region. While HY should be preferred to IG in euros, opportunities remain in niches such as corporate hybrid bonds.
- **Emerging debt.** Macroeconomic fundamentals in emerging markets have improved, and slowing inflation is enabling less restrictive monetary policies. However, spreads are tight in many markets and selectivity is advised.

Sources: SGPB, Bloomberg, 31/12/2017. 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



## The race is not over, but mind the Fed

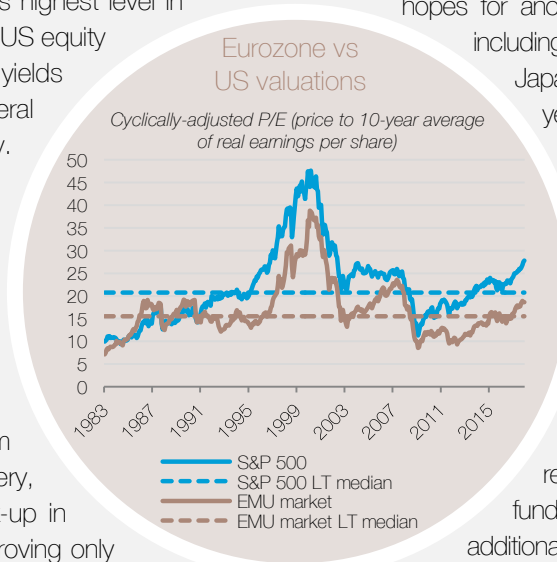
- Synchronised global economic expansion and loose financing conditions will help corporate profit growth stay robust this year and keep global equity markets well orientated.
- However, equity markets are now faced with high valuation and over-optimism. Equity returns should be less impressive than last year as declining central bank support will lead to greater volatility.
- We prefer those markets which benefit from stronger domestic demand, high exposure to the global economic and trade cycles and which are more reasonably valued, such as eurozone and Japan.

## We still prefer the equity markets most exposed to the global economic cycle

Despite robust profit growth, US equity upside will be capped by Fed policy normalization. Favour Japan, the eurozone and Switzerland.

- **United States.** Corporate earnings are expected to grow by double-digits again this year, helped by further economic expansion, tax cuts, a weaker dollar and a rebound in oil prices over the past two years. Moreover, corporate fundamentals are strong, as profit margins and returns on equity are both well above the global average. However, investors seem over-optimistic. According to the AAI Sentiment Survey conducted earlier this year, individual investor sentiment has surged to its highest level in more than seven years. In addition, US equity prices are expensive while bond yields are likely to increase as the Federal Reserve tightens its policy gradually. Any spike in bond yields could weigh on rich valuations, thus capping upside potential.
- **Eurozone.** European companies will continue to enjoy favourable financing conditions as moderate inflation leads the ECB to act very gradually. They will also benefit from the broad-based domestic recovery, stronger global growth and a pick-up in capital spending. Profitability is improving only slowly but top-line growth remains strong, wage pressure is tame and profit margins should improve further. In addition, Financials, the largest equity sector, will be supported by domestic economic expansion and private loan growth. Valuations are not particularly attractive in absolute terms but remain below the US.
- **Switzerland.** Swiss equities should benefit from a weak franc, stronger business confidence and robust growth in the eurozone, its main trading partner.

- **UK.** Synchronised global growth, a weak currency and the recent rise in oil prices should support the UK market given the high proportion of sales generated overseas and the significant weight of energy-related sectors. However, the economy is slowing, companies lack clarity on the outcome of Brexit negotiations and earnings are only expected up 6% this year, slower than elsewhere.
- **Japan.** Last autumn's re-election of Mr Abe has revived hopes for another wave of "Abenomics" reforms, including a looser fiscal policy. The Bank of Japan will stay ultra-accommodative this year with inflation still below the 2% target, although Japanese growth is already above potential. Moreover, corporate earnings growth is robust thanks to improved domestic activity and global and regional trade growth. Valuation metrics remain attractive in both absolute and relative terms. In addition, corporate governance reforms and sound company fundamentals (low leverage) will provide additional support to Japanese equities.



- **Emerging markets (EM).** Emerging equities should remain supported by stronger global trade, high exposure to technology innovation, higher oil prices and a weak dollar. However, the economic context will be a little less supportive in 2018 with a mild slowdown in China, rate hikes in the US and a rise in global yields in reaction to higher inflation. As a result, earnings-per-share growth should slow in 2018 but remain in double digits. Absolute and relative valuations also remain attractive. However, EM equities are now overbought after a strong rally and we would stay neutral.

Sources: SGPB, Datastream, 29/12/2017. 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

## Euro – Catching a lift

- Dollar weakness is back to the fore.
- The euro is set to firm as sustained growth, a likely shift in ECB stance and foreign investor flows are supportive.
- Higher commodity prices, global trade recovery as well as tech sector frenzy are lifting emerging currencies.

## Dollar – weakness confirmed

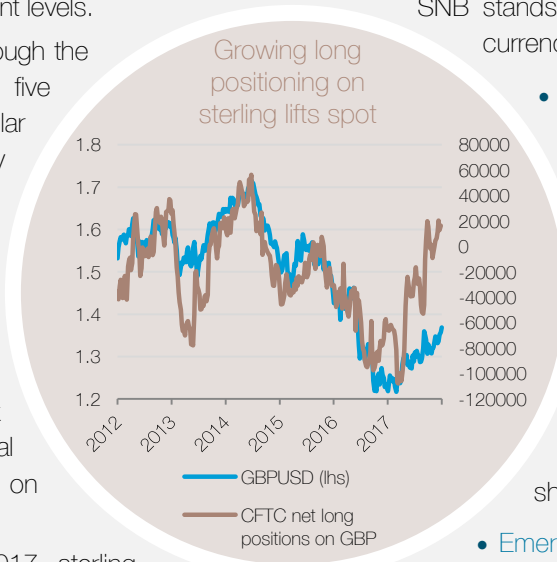
*The euro is now at a 3-year high.*

- **Euro – on the rise.** News of progress in German coalition talks has propelled the single currency to a 3-year high. Renewed speculation of a rise in the ECB deposit rate has also played in favour of the euro. Although upward revisions in expectations for Fed rate hikes could support the dollar, we remain quite constructive on EUR/USD. With growth above potential and no signs of weakness, the ECB is set to turn less dovish. This should give a further lift to the euro which remains undervalued at current levels.
- **Dollar – weakness confirmed.** Although the Fed has already hiked key rates five times and will do more, the US dollar has been losing ground since early November. The dollar index is back to late-2014 levels. In the short term, a bounce is likely as higher inflation bodes for faster monetary policy tightening. However, in the medium term, expensive valuations, high risk appetite and abundant global liquidity should continue to weigh on the dollar.
- **Sterling – weakness ahead.** In 2017, sterling recovered gradually thanks to the softer dollar and a resilient UK economy. The Bank of England's quarter-point rate hike in November also helped. The latest economic data point to positive growth momentum. However, we expect sterling to lose ground because of negative real income growth, flat business investment and Brexit-related uncertainty about long-term economic prospects. We expect revived weakness against the dollar and continued softening versus the euro.

## Swiss franc to shed ground

*Emerging currencies remain supported by good fundamentals and higher yields.*

- **Swiss franc – slow depreciation.** The franc remains on a steady downward path as risks have eased – the eurozone is doing well and most key elections are now behind us. The Swiss National Bank (SNB) is happy with the slide, as it contributes to reflation and helps corrects the currency's massive overvaluation. With interest rates likely to stay negative for long, the franc is set to depreciate albeit gradually. If risk aversion returns, the SNB stands ready to intervene again on the currency market to limit the upside.



- **Yen – range bound.** The yen has traded in a narrow range since early last year. The Bank of Japan (BoJ) is unlikely to intervene as this favours reflation. However, the yen has been supported lately by talk of possible action to steepen the yield curve. As the BoJ balance sheet inflates further and high risk appetite persists, the yen should remain under pressure.

- **Emerging currencies – Carry on.** Most emerging countries have seen economic improvement. Rising commodity prices and stronger global trade bode well for commodity-exporting countries and manufacturing hubs. The outlook remains bright for most emerging currencies given their favourable real yield gap and current valuations (fair to cheap). Selectivity remains advisable. We would prefer high-yielding currencies with positive growth momentum and solid external positions.

Sources: SGPB, Bloomberg, 12/01/2018. 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.

# Alternatives



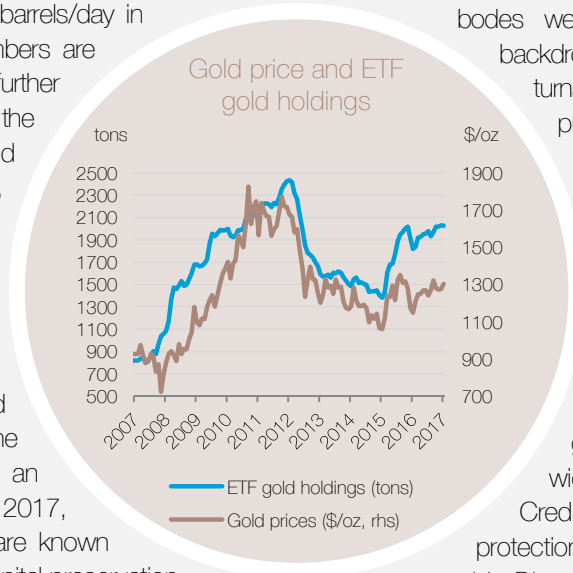
## Gradual Revival for Alternatives

- Better market dynamics should continue to favour active Long/Short Equity strategies, and the macro backdrop is supportive for Event Driven managers.
- Tight spreads, low yields and the low number of defaults mean little opportunity in Credit, while Global Macro/Commodity-Trading Advisors (CTA) strategies remain heavily dependent on equity markets.
- Although there is room for further gains in the short term, we doubt the oil rally will last.

### Commodities

Oil's upside will be limited by stronger US shale production.

- **Crude oil.** Prices are up 25% since mid-September. On the offer side, a cold winter saw US oil stocks deplete. On the demand side, appetite for oil remained strong. The decision by OPEC and Russia to extend production quotas into 2018 also supported prices in late 2017. Although there is room for further gains in the short term, we doubt the rally will last. First, at current prices, there is a strong incentive for US shale producers to step up production. The International Energy Agency expects US oil output to reach its highest annual average on record at 10.3 million barrels/day in 2018. Second, some OPEC members are not complying with quotas. Third, a further run-up in prices may not be in the interests of oil producers as it would prompt central banks to move faster, which could slow the business cycle and hence oil demand.
- **Gold.** Gold has been supported by revived geopolitical tension (Middle East, Korea), expectations for Fed rate hikes and renewed inflation concerns. As a result, the World Gold Council has recorded an 8.4% rise in ETF gold holdings over 2017, especially in Germany. Germans are known for investing in gold for long-term capital preservation as it combines cyclical resilience, low correlation with other assets, and immunity from credit risk. On top of that, Indian consumers have ramped up gold purchases in a context of sustained economic growth and rising purchasing power. As Asian growth is set to remain well supported, this bodes well for gold demand, which could mitigate the impact of rate rises. Although, we still expect higher US rates to be a major headwind for gold in coming months, we recognise that the recent unexpected strength reflects a shift in drivers.



### Hedge funds

Tax cuts in US add fuel to stock dispersion.

- **Equity Long/Short.** The market backdrop for Long/Short stock-pickers remains supportive. Correlations have fallen to multi-year lows while the dispersion between stocks has risen, meaning that stocks are reacting more to idiosyncratic factors than to macro trends. The recent tax cuts in the US will add further fuel to differentiation between companies given that their impact will not be uniform.
- **Event Driven.** Activist managers of Special Situations funds continue to see increasing numbers of opportunities, which bodes well for future returns. The macro backdrop is supportive for corporate turnarounds. Spreads between share prices of companies launching takeovers and their prey have widened, thereby improving return potential in Merger Arbitrage.
  - **Credit/Distressed Debt.** Yield spreads in credit markets remain extremely tight and investors should avoid funds with high directional exposure to prices, given the risk that spreads might widen – market neutral Long/Short Credit strategies provide more protection. Opportunities remain thin on the ground in Distressed Debt, with the default rate in US high yield at 4-year lows according to Fitch.
- **Global Macro/CTAs.** Returns from CTAs have been heavily dependent on strength in global equity markets in recent months. While the robust global expansion should remain supportive for equities, trends in other asset classes are unlikely to be sufficient for diversification purposes. Global Macro managers await the shift in fundamentals from reduced monetary policy support which should improve their opportunity set.

Sources: SGPB, Bloomberg, 29/12/2017. 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.

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 Prudentiel 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](http://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](http://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](http://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](http://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 the « 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. Kleinwort Benson and Kleinwort Hambros are the brand names of Kleinwort Benson 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 119269. The company is incorporated in England and Wales under number 2056420 and its registered address is 14 St. George Street, London W1S 1FE.

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 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. This document has not been authorised or reviewed by the JFSC or GFSC. Kleinwort Benson and Kleinwort Hambros are the brand names of Kleinwort Benson (Channel Islands) Investment Management Limited, which is regulated by the GFSC for the conduct of investment business. The company is incorporated in Guernsey under number 59377 and its registered address is Dorey Court, Admiral Park, St Peter Port, Guernsey GY1 2HT. This document has not been authorised or reviewed by the GFSC. Kleinwort Benson and Kleinwort Hambros are the brand names of Kleinwort Benson (Channel Islands) Limited, which is regulated by the GFSC for banking and investment services. It 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. The company is incorporated in Guernsey with company number 52103 and its registered address is Dorey Court, Admiral Park, St Peter Port, Guernsey GY1 2HT. This document has not been authorised or reviewed by the 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 Taitbout, 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 2017. 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. CA015/JAN/2018