

MONTHLY HOUSE VIEWS

August 2020



One step at a time

Macro

We note continued divergence between “soft” economic data (i.e., confidence surveys) and “hard” reports on actual activity – the former reflect the move from lockdown to resumption of some activity while the latter show that industrial production and retail sales remain well below end-2019 levels. We continue to register new highs in COVID-19 cases across the globe – especially in the US sunbelt and Latin America – suggesting that lockdown restrictions will only be eased slowly, thereby ensuring that recovery from the recession will be gradual. As a result, government attention across Europe and the United States is now shifting from support measures to recovery stimulus plans.

Central Banks

We see little chance of a shift in monetary policy settings, which are set to remain very accommodative for the foreseeable future. In the US, the Federal Reserve (Fed) is discussing ways to anchor rate expectations close to zero for the next few years while continuing to buy up much of the Treasury issuance to finance support for households and businesses. The European Central Bank (ECB) will hold rates negative and is using the flexibility of its Pandemic Emergency Purchase Programme (PEPP) to boost holdings in periphery sovereigns. It has also improved terms on its long-term refinancing operations to provide a lifeline to embattled banks.

Markets

Central bank purchases will keep government bond yields low while also supporting high-quality corporate bond spreads (the yield differential over sovereigns). We remain more wary of lower-quality issuers in the High Yield (HY) segment given the default risk, although the abundance of liquidity does provide some support to highly leveraged firms. Equity markets offer more long-term potential, although the sharp rally since late March means further upside may be constrained in the short term. We expect the euro to continue its recent recovery against the dollar, given attractive valuations and lower risk of new lockdowns.

Bottom line

We maintain a broadly diversified, balanced approach to asset allocation. Much of the recent rally in equities has been driven by a small number of internet and tech giants, especially in the US, and we would balance exposure to these leaders with other sectors and markets. Within our Neutral exposure to equity markets, we maintain a preference for the euro zone, and highlight the attractions of Asian technology groups – in terms of growth and valuation – within emerging markets. Investment Grade (IG) corporate bonds remain a preferred Overweight within fixed income while low-yielding sovereigns offer little diversification benefit or upside potential. Our preferred offsets for equity risks remain gold and hedge funds.

In accordance with the applicable regulation, we inform the reader that this material is qualified as a marketing document. CA159/JUL/20

OUR ASSET ALLOCATION

The table below presents the latest conclusions of our Global Investment Committee

		Summary house views					Change since last GIC
		Strong UW	UW	N	OW	Strong OW	
EQUITY	GLOBAL EQUITY						
	United States						
	Eurozone						
	United Kingdom						
	Japan						
	Emerging						
FIXED INCOME	SOVEREIGN						
	GLOBAL RATES						
	U.S. Treasuries						
	Bunds <small>U.S. Breakeven</small>						
	Gilts <small>EMU Breakeven</small>						
	JGBs <small>Gilts Breakeven</small>						
	EM Govies (\$)						
	CORPORATE						
	U.S. IG						
	U.S. HY						
	EMU IG						
	EMU HY						
	UK IG						
	UK HY						
	Duration USD*						
Duration EUR*							
Duration GBP*							
FOREX	EURUSD						
	USDJPY						
	GBPUSD						
	EURCHF						
	EM FX (vs. USD)						
COMDTY	Brent						
	Gold						
ALTERNATIVE	ALT. STRATEGIES						
	L/S Equity						
	Event-Driven						
	FI Arbitrage						
	Global Macro / CTAs						
Cash							

O/W	Positioning	*Duration
N	Overweight	Long – 7-10 years
U/W	Neutral	Intermediate – 5-7 years
	Underweight	Short – 3-5 years

EQUITIES

United States	The sharp rally since late March means further upside may be constrained in the short term.
Europe	There remains the possibility that the European Council will approve the proposed €750bn recovery fund at its mid-July summit.
Eurozone	The region seems to have been successful so far in preventing a second wave of coronavirus infections, which should help avoid new restrictions on activity. We are Overweight.
UK	The country has been harder hit by the pandemic than many continental economies but valuations are extremely cheap. We remain Neutral.
Switzerland	Swiss high-quality blue chips should remain sought after, suggesting continued resilience for now.
Japan	The government's support package for the economy is the largest on offer among advanced economies as a percentage of GDP and lockdown measures have been less restrictive than elsewhere. We are Neutral.
Emerging (EM)	We continue to Overweight Asia within a Neutral view on EM equities and highlight the growth and valuation attractions of Asian tech stocks.

FIXED INCOME

Sovereigns	With inflation well below target and the central bank continuing to buy large amounts of government bonds, long rates are unlikely to rise significantly.
Duration*	We prefer shorter-dated bonds across markets.
Inflation-linked	Inflation should recover in the longer term. We maintain our Neutral view.
Investment Grade	We continue to Overweight IG bonds, given the support from central bank purchases and investors' search for alternatives to government bonds with a yield pick-up.
High Yield	We keep a neutral stance on HY, where the weakest issuers are especially vulnerable to economic woes.
Emerging debt (in € and \$)	Several EM countries face a worsening health crisis and resulting economic risks. We remain Underweight.

CURRENCIES

EUR/USD	The euro has been benefitting from the swift recovery in equity markets and the unprecedented monetary and fiscal stimulus in Europe. We remain Overweight.
GBP/USD	There is little doubt that "no deal" would be damaging to the UK and the pound, at least in the short-term. However, valuations remain attractive.
EUR/GBP	With little progress to date in tense Brexit negotiations with the EU, we anticipate increased headwinds for sterling.
USD/JPY	The yen has spent much of this year trading in a tight band between 106 and 110 versus the dollar and we do not expect it to break out of this trading range.
EUR/CHF	The Swiss National Bank appears to have been intervening actively over recent months to stem upside in the CHF. With fiscal and monetary easing keeping liquidity ample, we expect risk appetite to revive, helping push the franc lower.
Emerging	Despite emerging currencies' attractive valuations, it is too early to paint a positive picture.

ALTERNATIVES

Hedge funds	We highlight the attractions of Long-Short Credit, emerging market Global Macro specialists and Merger Arbitrage as sources of yield.
Gold	Gold demand shows little sign of flagging despite higher prices and we remain Overweight.
Oil	With little sign of a sustained pick-up in demand, oil prices may trade lower.

Source: SGPB, 17/07/2020

* Duration: short = 3-5 years, medium = 5-7 years, long = 7-10 years

HY = High Yield bonds (higher return but greater risks), IG = Investment Grade bonds (higher quality but lower return)

ECONOMIC OUTLOOK

One step at a time

The global economy is recovering from a very low base as lockdown measures are eased and businesses reopen. Vast support from governments and central banks has sparked a powerful rally in risk assets but the real economy may lag the recovery in equity markets, given the persistent spread of COVID-19. Our investment process keeps us balanced at Neutral.

Despite widespread lockdowns, a sudden stop in economic activity, surging unemployment and a terrible toll in illness and death, the second quarter witnessed a powerful rally in risk assets, with the MSCI World equity index rising 18.8% in dollar terms. With the benefit of hindsight, we can summarise the underpinnings of the rally as follows:

First, **we now know the lockdowns – where enacted and complied with – worked well and mostly lasted only a few months.** There was also much better news on treatment for the coronavirus, helping reduce the mortality rate. All of this has allowed for controlled exit from lockdown, and tepid resumption of economic activity.

Second, governments and central banks unleashed hitherto unthinkable levels of fiscal spending and monetary stimulus to help stabilise economies and provide liquidity to financial markets, backstopping wages and cashflows across entire economies. This has provided **a powerful fillip to risk assets such as equities.** However, the policies are not without long-term consequences: government debt levels are at post-World War II highs and central banks have become dominant players in financial markets. Nonetheless, huge government intervention was called for to prevent a near-term collapse, and they duly delivered.

Interestingly, equities have not been the only assets to rally – safe havens have been equally well bid, with gold trading above \$1,800 and government bond yields near all-time lows. Indeed, volatility remains high and the pandemic is still spreading across much of the globe – including in the US, the world’s anchor economy. The critical question is where do markets go from here?

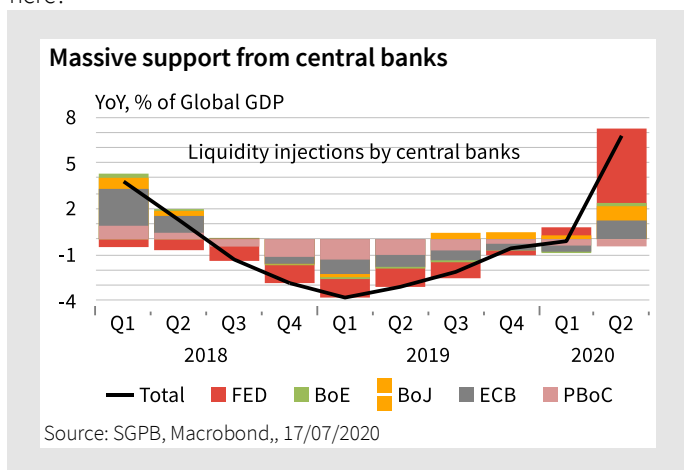
It is exactly at times such as these – when uncertainty and imperfect information rule the roost – we must rely on our investment process. At present, this is how the world looks through the lens of its four main pillars:

Economic Regime: Despite significant economic data surprises on the upside, the global economy is on track to suffer its deepest recession since the 1930s, with global output set to contract by 4.9% in 2020 according to the International Monetary Fund (IMF). Much of the recent improvement in data reflects the shift from lockdown to gradual reopening, and we await further confirmation of economic stabilisation over the coming months.

Valuations: Valuations for equities remain challenging. US equities, which dominate global markets, are currently trading at their highest multiples (on forward price-to-earnings, price-to-sales, price-to-cash-flow and price-to-book-value) since the aftermath of the tech bubble in 2001-2002. However, while equities are expensive, so are other asset classes such as sovereign bonds, leaving few alternatives.

Momentum: As noted above, momentum was strong throughout the second quarter. At present, the ten-month moving average metric we favour is about to tip higher. Should this be sustained, we would view it positively for risk-taking.

Sentiment: Sentiment for risk assets has swung wildly from optimism to pessimism and back again since February. However, we are far from the euphoria or the despair which often mark peaks and troughs in markets, leaving us in neutral territory.



Bottom line. Taking all the above into account, we have opted to remain **Neutral** in risk allocation for now. Equity markets remain volatile and thus more unpredictable than usual; they are also historically expensive on most measures. Nonetheless, we note the economic regime and the momentum signals are shifting towards increasing risk.

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.

FIXED INCOME

Expectations vs liquidity

Low long-term rates on sovereign bonds imply investors expect dire economic straits, while tighter corporate bond yield differentials (“spreads”) suggest a much more benign outlook. How can that be? Thanks to central bank largesse, abundant liquidity is swirling through all asset classes. However, indiscriminate buying should be avoided.

In an economic slowdown, it is reasonable to expect central banks to lower rates and drive sovereign yields down, while riskier assets like corporate and emerging bonds struggle under the weight of higher risk aversion and deteriorating financial conditions. However, this playbook doesn’t work in today’s peculiar environment, where a deep economic recession, triggered by an external shock, has been met with unprecedented policies. Central banks worldwide have flooded financial markets with huge amounts of fresh money, blurring the lines between optimism and pessimism.

Sovereigns

US. The Federal Reserve (Fed) will continue to provide exceptional support for the economy via low rates and asset purchases. In addition, they now plan to enhance monetary policy further, with ongoing discussions about forward guidance and yield curve targets. No decisions have been taken so far, but the framework review is likely to be completed soon. Bond yields are therefore likely to stay low across all maturities. The recent strong 30-year bond auction confirms strong appetite even for ultra-long-dated securities, a sign of low-for-long rate expectations and the need to put liquidity to work.

Eurozone. The European Central Bank (ECB) is also stepping up efforts to keep rates low and convince markets that’s where they will stay. The recent downward revisions to growth and inflation projections by the Eurosystem staff, coupled with the central bank’s reassurances about the proportionality of its asset purchases, suggest the ECB will maintain an ultra-accommodative stance.

As a consequence, German yields remain negative across all maturities. Peripheral spreads are also down from March’s highs: although risks linger, liquidity and the search for yield remain strong supports.

UK. The recent £30bn package provides significant stimulus to the economy, but the resulting extra funding needs are unlikely to drive rates up given continued central bank purchases.

Credit

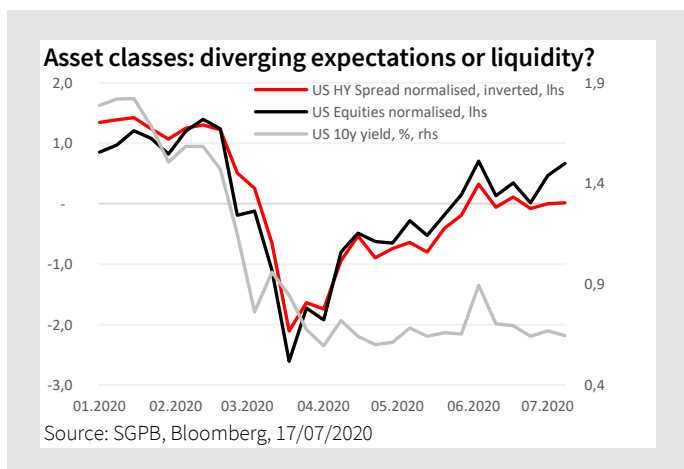
US. Since the beginning of June, spreads have traded close to 150 bps for Investment Grade (IG) and 600 bps for High Yield (HY) bonds. The health emergency in the US has intensified recently, but support from fiscal and monetary policy remains the main driver for credit markets. We continue to like IG bonds, given the support from Fed purchases and investors’ search for alternatives to Treasuries with a yield pick-up. We remain neutral on HY with a clear preference for higher quality issuers.

Eurozone. ECB purchases target a specific sub-group of “eligible” IG corporate bonds which, like in 2016, have unsurprisingly outperformed. But as time passes, substitution effects mean that investors end up increasing exposure to non-eligible bonds as well, helping tighten spreads. We maintain our Overweight on IG bonds, which will also be supported by a better balance in net supply due to lower issuance. We keep a neutral stance on HY, where the weakest issuers are especially vulnerable to economic woes.

UK. The Bank of England (BoE) has added \$6.8bn to its Corporate Bond Purchase Scheme since the beginning of April, with IG spreads narrowing slightly over the last month.

Emerging Market (EM) debt

Surveys indicate that investors are keen on hard-currency emerging debt and recent fund inflows have been positive. However, many EM countries face a worsening health crisis and resulting economic risks. Here again, liquidity may offset fundamentals for now but we remain cautious.



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

Keeping our balance

Markets have rallied hard since late March leaving little further upside potential, especially given the recent acceleration in COVID-19 infections. However, the gradual exit from lockdowns and ample support from fiscal and monetary policies are powerful supports. All in all, we remain Neutral.

US. The second-quarter earnings season is getting under way with analysts projecting a -45% year-on-year (YoY) fall in profits, the sharpest decline since 2008-2009. While such low expectations offer some potential for upside surprises, the hurdle will be higher in Q3 and Q4 when the consensus is expecting quarterly bounces of 36% and 15% respectively.

US equities have rallied over 44% from their late-March low despite the collapse in earnings expectations, leaving valuations looking extended – the forward price-to-earnings ratio (PER) is the highest since the tech bubble in 2000-2002. However, this marks divergent trends across sectors. The largest tech and internet giants are up 50% year-to-date (YTD) and currently trade at 51x earnings. On the other hand, strip the 10 largest growth stocks from the S&P 500 index and the remaining 490 members are down around 10% YTD. In this context, we suggest a balanced spread across sectors within a Neutral allocation.

Eurozone. Analysts have revised down Q2 earnings forecasts and now expect a -59% fall YoY, leaving room for upside surprises given that many countries had begun to ease lockdowns by early May. Moreover, the region seems to have been successful so far in preventing a second wave of coronavirus infections, which should help avoid new restrictions on activity, unlike large sunbelt states in the US such as California and Texas.

Although the euro zone has lagged global markets so far this year, the region has begun to outperform since easing began in early May. Valuations look less stretched than in the US and the planned EU recovery fund should help allay market worries about euro zone break-up and encourage investors back to the

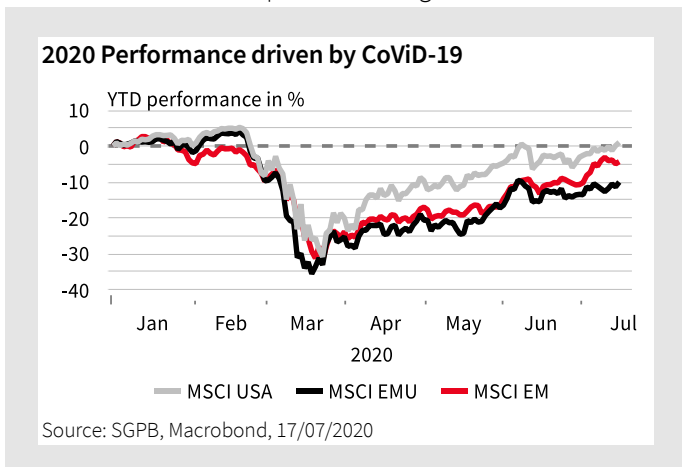
region. We maintain our sector preferences – notably, Healthcare, Communications Services and Utilities – and continue to Overweight the euro zone versus other regions.

UK. The UK has been slower than its neighbours to ease lockdown restrictions which in turn will slow the economic recovery. Moreover, there has not yet been a breakthrough in negotiations with the EU about the bilateral regime after the Brexit transition period expires at year-end, meaning reduced visibility for businesses. However, the market is attractively valued versus cyclically-adjusted earnings and we remain Neutral.

Switzerland. Swiss equities continue to outperform other regional markets thanks to the high weighting in quality stocks in defensive growth sectors like Consumer Staples and Healthcare. Moreover, margins have come under less pressure than across other European markets while returns on equity remain resilient. Finally, the pace of earnings revisions over the past three months has been rather resilient at -7.6% versus -14.3% for the MSCI World global equity index.

Japan. Tokyo has proved resilient so far this year, helped no doubt by consensus expectations of +2.1% earnings growth this fiscal year. The government’s support package for the economy is the largest on offer among advanced economies as a percentage of GDP and lockdown measures have been less restrictive than elsewhere. Moreover, the market is trading close to decade lows on cyclically-adjusted PER. We maintain a Neutral exposure to Japanese equities.

Emerging Markets. Q2 GDP data confirms that China is growing again, at 3.2% YoY versus -6.8% in the first quarter. Perhaps in anticipation, Chinese domestic equities have outperformed other global stock markets so far this year. Other regions, notably Latin America, continue to struggle with high COVID-19 infection rates and are likely to lag Asia. We continue to Overweight Asia within a Neutral view on EM equities and highlight the growth and valuation attractions of Asian tech stocks.



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

Swimming in liquidity

With interest rates and bond yields close to zero across much of the globe, carry trades have fallen out of favour. Currencies now tend to trade on swings in sentiment – recession fears bolster safe havens like USD, JPY and CHF while risk appetite, driven by liquidity, boosts EUR. As the global economy begins to recover, we expect some US dollar weakness.

Dollar Index. The dollar can no longer derive much support from interest rate differentials against other advanced economies, with monetary policy settings due to remain extremely accommodative for years to come. Bouts of risk aversion should provide a temporary boost to the greenback, despite the fact that many risks (trade war with China, pandemic spread in the sunbelt) are specific to the US. Nonetheless, abundant liquidity should support risk appetite in the medium term, pushing the Dollar index lower again.

EUR/USD. The euro has been benefitting from the swift recovery in equity markets and the unprecedented monetary and fiscal stimulus in Europe. COVID-19 appears to be contained on the continent, despite the emergence of several local outbreaks, while the US has still not managed to bring its first wave under control. If approved, the €750bn recovery fund should go some way to addressing fears of a euro area break-up. The euro still looks cheap and should continue to gain ground.

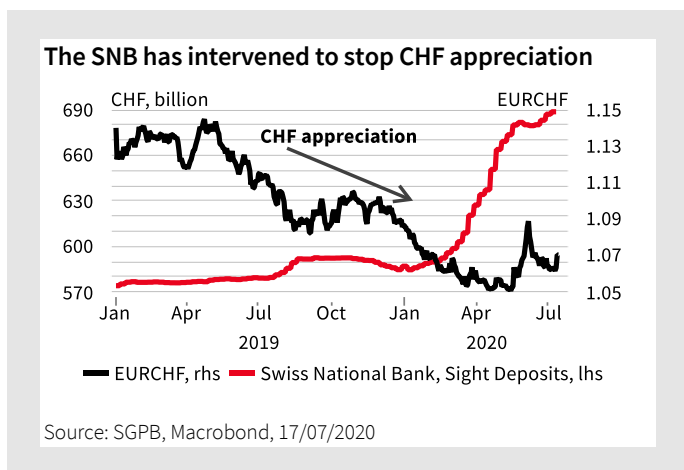
GBP/USD. Recently, traders have become much more aware of Brexit risks, especially at a time when the economy is on the back foot. EU and UK negotiators have their work cut out in order to formalise the future relationship before the December 31 end to the transition period. There is little doubt that “no deal” would be damaging to the UK and the pound, at least in the short-term. Overall, we anticipate increased headwinds for sterling, despite its attractive valuation.

USD/JPY. Although we have seen some spikes in volatility, the yen has spent much of this year trading in a tight band between 106 and 110 versus the dollar. Risk sentiment has been by and large positive since late March yet the yen has not experienced any significant weakness. On the other hand, when investors have run for safety, they have tended to prefer gold as a safe-haven option. All in all, we don’t expect USD/JPY to break out of its trading range.

EUR/CHF. The Swiss National Bank (SNB) appears to have been intervening actively over recent months to prevent EUR/CHF dipping below 1.05 on safe-haven flows into Swiss francs. With fiscal and monetary easing keeping liquidity ample, we expect risk appetite to revive, helping push the franc lower. Moreover, investor concerns about euro zone break-up may soon be allayed by the prospect of a recovery fund financed by joint EU borrowing.

EM currencies. It is still too early to paint a positive picture for emerging market currencies. South American counters, and currencies reliant on commodities such as the South African Rand, remain vulnerable. The Brazilian Real is already down 25% against the US dollar since the start of the year but the pandemic there is still not under control. EM currencies are trading close to all-time lows versus the dollar on average but lack catalysts for a lasting reversal.

USD/CNY. The renminbi has continued to drift higher against the dollar in recent weeks, touching 7 CNY for \$1. Tensions with the US – on trade, on COVID-19, on the national security law for Hong Kong and so on – continue to run high and the People’s Bank of China appears to have judged that further devaluation might be counter-productive at present. We now expect the renminbi to trade sideways against the dollar.



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

Diversification benefits

With little sign of a sustained pick-up in demand, oil prices may trade lower. Gold demand shows little sign of flagging despite higher prices and we remain Overweight. Within a generally constructive stance on Hedge funds, we highlight the attractions of Long-Short Credit, emerging market Global Macro specialists and Merger Arbitrage as sources of yield.

Commodities

Oil

Since March, the slump in oil prices has pushed many shale producers to retrench, with the rig count tumbling from 683 in March to 185 at present, just above its 2009 recession low. Worries about the long-term impact of the transition to renewables on the value of oil and gas reserves have caused some energy majors to write down asset values. In recent weeks, BP and Shell have slashed almost \$40bn from their reserves. The International Energy Agency (IEA) warned recently that risks to its market outlook were “almost certainly to the downside” given the resurgence in COVID-19 cases across the globe. The IEA forecasts an average decline in oil demand of 8.1 million barrels per day (mb/d) this year – the largest in history – with supply set to fall 7.2 mb/d, leaving the market facing continued oversupply and downward pressure on prices.

With OPEC and Russia confirming an easing in output cuts, we expect oil prices to trade slightly lower in coming months.

Gold

Gold supply was severely constrained during the pandemic lockdown. Output from mines fell 3% year-on-year (YoY) in Q1 while recycling – which accounts for over one quarter of total supply – fell 4% YoY to its lowest level since 2017. So far, there has been little sign of a pick-up in gold supply.

Despite higher prices (up 19.3% year-to-date), gold demand has been strong. New purchases of ETFs generated 104 tonnes (t) of purchases in June, taking the first-half total to 734t, well above the highest-ever annual total of 646t in 2009. In addition, central banks continue to add gold to their currency reserves with another 40t of net purchases in May. Moreover, the opportunity

cost of holding gold remains low with central banks having fixed rates close to zero or below while ramping up their purchases of sovereigns, keeping yield curves rather flat.

We continue to Overweight gold for its diversification benefits and upside potential.

Hedge funds

Long/Short (L/S) Equity

After spiking higher in March and April, the dispersion between individual stocks’ returns has begun to fall back, perhaps reducing opportunities for L/S managers. Our preferred segment is funds with a variable bias, which were able to move short in March and then increase exposure again to capture the rally.

Event Driven

M&A volumes have picked up again in the US, with June back at December 2019 levels. Spreads – the difference in stock prices between predator and prey – remain high at around 6%, meaning attractive return potential in Merger Arbitrage. Special Situations funds have more directional bias – an advantage during bull markets – but increased corporate activity offers new trade opportunities.

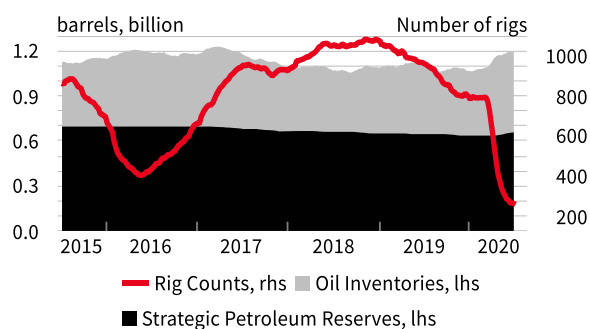
Fixed Income Arbitrage

We like strategies which combine attractive sources of yield with strict risk controls and L/S Credit fits the bill. Worsening balance sheet quality among speculative grade issuers provides attractive short opportunities. Credit spreads remain wider than at year-end but sustained central bank purchase programmes should see further tightening ahead.

Global Macro / CTAs

Our Neutral stance on trend-followers (known as CTAs) remains unchanged. Periods of range-bound trading – which often occur when liquidity is abundant but fundamentals are weak – can prove problematic for managers. We continue to highlight the merits of emerging market Global Macro funds – yields are attractive and the pandemic has created new trade opportunities.

The number of US rigs in operation has collapsed



Source: SGPB, Macrobond, 17/07/2020

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 – PLEASE READ

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” and “Kleinwort Hambros” brands, and which distribute this document.

Subject of the document

This document has been prepared by experts of the Societe Generale Group, 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 a marketing communication that 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 any liabilities that arise. 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 are 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.

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. In addition, they have to comply with Societe Generale Group Tax Code of Conduct. 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. Furthermore, accessing some of these products, services and solutions might be subject to other conditions, amongst which is eligibility. 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 financial services and investments may have tax consequences and it is important to bear in mind that the Societe Generale Private Banking entities, do not provide tax advice. The level of taxation depends on individual circumstances and such levels and bases of taxation can change. In addition, this document is not intended to provide, and should not be relied on for, accounting, tax or legal purposes and independent advice should be sought 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 4, Place de Budapest, CS 92459, 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 1,066,714, 367.50 on 1st August 2019 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/).

Luxembourg: This document has been distributed in Luxembourg by Societe Generale Bank & 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., CH-1204 Geneva. 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 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.

This document is issued by the following companies in the Kleinwort Hambros Group under the brand name Kleinwort Hambros:

United Kingdom: SG Kleinwort Hambros Bank Limited 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 company registration under number 964058 and its registered address is 5th Floor, 8 St James's Square, London, England, 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 for banking, investment, money services and fund services business. The company is incorporated in Jersey under company registration number company registration 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 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 in respect of UK regulated mortgage business and its firm reference number is 310344. The Company (including the branch) is not authorised or regulated by the UK Financial Conduct Authority for accepting UK bank deposits nor is it permitted to hold deposits in the UK.

Kleinwort Hambros is the brand name of SG Kleinwort Hambros Trust Company (CI) Limited, which is regulated by the Jersey Financial Services Commission in the conduct of trust company business and fund services business and by the Guernsey Financial Services Commission in the conduct of fiduciary services business. The company is incorporated in Jersey under company registration number 4345 and its registered address is SG Hambros House, PO BOX 197, 18 Esplanade, St Helier, Jersey, JE4 8RT. Its address in Guernsey is PO Box 86, Hambro House, St Julian's Avenue, St Peter Port, Guernsey, GY1 3ED.

This document has not been authorized or reviewed by the JFSC or FCA.

Gibraltar: SG Kleinwort Hambros Bank (Gibraltar) Limited is authorised and regulated by the Gibraltar Financial Services Commission for the conduct of banking, investment and insurance mediation business and its firm reference is 419436. The company is incorporated in Gibraltar under company registration number 01294 and its registered address is 32 Line Wall Road, Gibraltar.

Kleinwort Hambros is part of Societe Generale Private Banking, which is part of the wealth management arm of the Societe Generale Group. Societe Generale is a French Bank authorised in France by the Autorité de Contrôle Prudentiel et de Résolution, located at 4, Place de Budapest, CS 92459, 75436 Paris Cedex 09 and under the prudential supervision of the European Central Bank. It is also authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

Further information on the Kleinwort Hambros Group including additional legal and regulatory details can be found at: www.kleinworthambros.com

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

© Copyright Societe Generale Group 2019. 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 and Kleinwort Hambros are registered trademarks of Societe Generale. All rights reserved.

Societe Generale

SA Capital EUR 1,009,897,173.75 at 31 December 2018

Registered under Paris RCS N°552 120 222

Societe Generale Private Banking

Tour Société Générale

17, Cours Valmy

75886 – Paris Cedex 18

France

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



Societe Generale is a member of Ecofolio and participates in the financing of paper recycling. This document was printed on paper from sustainably managed forests.