

2 Apr, 2019

### **Overview**

The Cautious SRI iBasket seeks to invest in ETFs that track companies that are screened for their social responsibility because of the nature of the business the company conducts. Common themes for socially responsible investments include avoiding investment in companies that produce or sell addictive substances and seeking out companies engaged in environmental sustainability and clean technology efforts.

The aim is to construct a portfolio on a low risk basis with the prospect of future capital and income growth and to provide a real return in line with the UK Retail Price Index (RPI).

The portfolio will be reviewed on a monthly basis, with the aim of restricting the total equity exposure to 20% of the notional at the start of each re-balancing period. During periods of extreme risk, when protecting your capital is critical, we may move part or all of the allocations away from falling markets to lower risk government bond ETFs or cash.

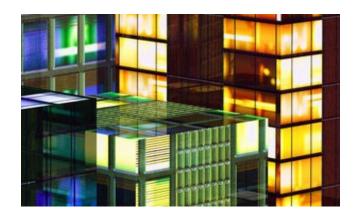
### **Investment Philosophy**

- Twenty20 Investments will partner with the Investment Manager to provide advice as to the construction of diversified portfolios built entirely from ETFs, aiming to achieve outperformance by optimising and adjusting the weights using various macro-economic forecasting models and market indicators.
- These portfolios will then be managed by the Investment Manager in accordance with the investment mandate.

#### **Investment Strategy**

- We use the versatility of ETFs to gain exposure to a wide range of asset and sub-asset classes which makes the portfolio liquid, well diversified and economically priced.
- Our risk budgeting process delivers diversified holdings across multiple asset classes aiming to provide more stable returns, reduced volatility and seeks to ensure profits are taken as and when appropriate.
- We use state of the art technology to screen extensive market, macro-economic and ETF data sets from around the world. This enables us, along with human overlay, to determine economic cycles and risk appetite in the markets and to capture the risk premia across various asset classes.
- The ETFs are selected by our Fund Research Department. This rigorous and systematic research process carefully analyses a wide universe of ETFs, identifying the best investment opportunities as and when they occur.

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Investment Advisor	Twenty20 Investments			
Investment Manager	Linear Investments Limited			
Legal Form	Model Portfolio			
Target Investments	Multi-asset portfolio investing 100% in Exchange Traded Funds comprising assets in equities and fixed income			
Investment Objective	Our models encode macro- economic and fundamental indicators as market timing signals to tactically allocate between different asset classes			
Target Return	UK RPI			
Target Risk	Low risk level not exceeding 5% annualised volatility of the portfolio over a 5-year period			
Minimum Subscription	£15,000			
Redemption Period	Daily			
Inception Date	4 May 2016			
Management Fee	0.35% + VAT			
Investment Wrapper	SIPP, ISA, General Investment			
Platform Availability	Ascentric, Transact			

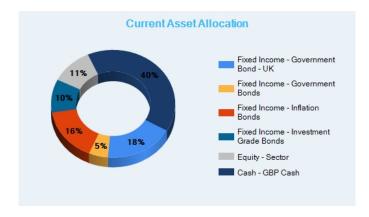
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### **Portfolio Construction**

# Asset Allocation - 2 Apr, 2019





A portfolio allocation diversified across asset and sub-asset classes and across regions.

On an asset-by-asset basis, the one year risk and return characteristics of the constituent ETFs are shown in the chart above.

# iBasket Top Holdings - 2 Apr, 2019

Cautious SRI iBasket GBP	Ticker	Asset Class	Sub-Asset Class	Region
Cash - Sterling	CASH_GBP	Cash	GBP Cash	Europe
iShares UK Gilts 0-5yr UCITS ETF	IGLS	Fixed Income	Government Bond - UK	Europe
iShares £ Index-Linked Gilts UCITS ETF	INXG	Fixed Income	Inflation Bonds	Europe
iShares \$ Treasury Bond 1-3yr UCITS ETF	IBTS	Fixed Income	Government Bonds	North America
iShares Euro Corporate Bond Sustainability Screened 0-3yr UCITS ETF	SUSE	Fixed Income	Investment Grade Bonds	Europe
UBS ETF - Barclays MSCI US Liquid Corporates Sustainable UCITS ETF	UC98	Fixed Income	Investment Grade Bonds	North America
UBS ETF MSCI North America Socially Responsible UCITS ETF (USD) A-dis	UC46	Equity	Sector	North America
iShares Global Inflation Linked Government Bond UCITS ETF	IGIL	Fixed Income	Inflation Bonds	Global
iShares Euro Inflation Linked Government Bond UCITS ETF	IBCI	Fixed Income	Inflation Bonds	Europe
iShares \$ TIPS UCITS ETF	ITPS	Fixed Income	Inflation Bonds	North America

# **Performance**

Calendar-Year Performance	2016*	2017	2018	2019 Ytd
iBasket Return	3.22%	1.71%	0.58%	1.08%
RPI	1.12%	3.36%	3.60%	0.69%

 $<sup>\</sup>ensuremath{^*}$  Since inception date of 4 May 2016.

	iBasket Return	RPI
3m Performance	1.08%	0.69%
6m Performance	0.40%	1.56%
1 Year Performance	2.75%	3.30%
Ytd Performance	1.08%	0.69%
Performance Since Inception	6.74%	9.03%

OCF: The ongoing charges figure of the underlying ETFs is 14.5bps.

Source: Twenty20 Investments, Markit. All returns in GBP, including the underlying ETF charges but excluding the model portfolio management fee. Any fees or charges payable to your Financial Adviser are in addition to the above.



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### **Market Commentary**

After the sharp correction seen at the end of last year, equities rallied further in March due to a dovish US Federal Reserve, a more positive outlook on a resolution being found in the trade war between the US and China and perceptions of economic growth recovering. The more dovish tone from both the US and European central banks helped bonds rally in tandem. Let's add that even an extension to the Brexit deadline could not dampen the mood.

During March Sterling was down -1.7% against the US Dollar and -0.4% against the Euro amid the ongoing political uncertainty. The FTSE 100 gained 3.3% in March, buoyed by the lower currency. The FTSE 250 on the other hand was down -0.1% as businesses are more and more complaining about the accompanying economic uncertainty. Wage growth is up at 3.4% and higher inventories are currently helping growth although consumer confidence is weak and business investments are contracting.

The Eurozone has not been able to get out of its slumber. The Eurozone industrial production is down -2.5% since its peak in December 2017 and export-oriented Germany has been hit the hardest. The European Central Bank signalled that it will not raise rates until next year and announced a new round of quantitative easing in the form of cheap financing for the banking sector. Despite the weaker outlook, unemployment is down at 7.8%.

The US Federal Reserve signalled it would no longer hike interest rates this year amid moderating growth and subdued inflation. Together with signs that the US-China trade war can be resolved, US and international equities rallied. The iShares S&P 500 ETF gained 1.9% in USD (3.6% in GBP). Wage growth and reduced unemployment, however, seem to be the order of the day in most developed markets which puts continued pressure on businesses.

Emerging Markets equities did well in March, returning 0.8% in USD (2.5% in GBP) although were slightly behind their developed markets counterparts. Turkey is one of the biggest losers in Emerging Markets, down -13.7% in March in GBP amid political struggles. China fared better than the average with an increase of 4.1% in GBP. Progress in trade talks with the US and a package of Chinese tax cuts and infrastructure investments are aimed to help the local Chinese market, although potentially not as much help for the global economy.

Bonds were one of the big winners in March with both the European and US central banks signalling a more dovish tone. The iShares UK Gilts ETF was up 3.2% whereas the iShares UK Index-Linked ETF was up a whopping 6.2%. Corporate and High Yield bonds were up too, albeit not quite as much as their government counterparts.

In commodities, WTI Crude Oil topped the leaderboard with a return of 5.1% for the month. In contrast, amid the general risk-off tone in markets, Gold fell -1.6% in USD, whereas the broader commodity index was up 0.6%.

### Market Returns Overview - 2 Apr, 2019

We include an overview of the returns of different asset and sub-asset classes to provide a sense of the most recent market returns.

ETF Name	<b>Asset Class</b>	Sub-Asset Class	<b>Asset Region</b>	ytd	1m	1yr	3yr	5yr
iShares Core FTSE 100 UCITS ETF	Equity	Country	Europe	9.5%	3.3%	7.6%	32.8%	33.5%
iShares S&P 500 UCITS ETF (Inc)	Equity	Country	North America	10.9%	3.6%	17.3%	58.8%	108.3%
LYXOR ETF JAPAN TOPIX	Equity	Country Fund-Japan	Japan	3.4%	2.3%	-2.0%	38.3%	68.3%
SPDR® MSCI Europe ETF	Equity	Region	Europe	7.7%	2.5%	3.6%	34.0%	34.5%
Lyxor ETF MSCI AC Asia Pacific ex Japan - C - EUR	Equity	Region Fund-Asian Pacific	Asia Pacific	8.1%	3.3%	2.9%	47.9%	58.4%
iShares MSCI Emerging Markets UCITS ETF (Inc)	Equity	Region	EM-Global	7.1%	2.5%	-1.6%	45.8%	47.9%
iShares Developed Markets Property Yield UCITS ETF	Equity	REITs	Global	12.1%	5.2%	22.3%	30.6%	80.6%
iShares Core UK Gilts UCITS ETF	Fixed Income	Government Bonds	Europe	3.3%	3.2%	3.5%	10.6%	29.7%
iShares £ Index-Linked Gilts UCITS ETF	Fixed Income	Inflation Bonds	Europe	5.8%	6.2%	5.3%	27.1%	52.7%
iShares £ Corporate Bond ex-Financials UCITS ETF	Fixed Income	Investment Grade Bonds	Europe	4.8%	2.8%	4.0%	16.0%	32.5%
iShares Core Euro Government Bond UCITS ETF	Fixed Income	Government Bonds	Europe	-2.2%	2.2%	0.0%	11.9%	22.5%
iShares USD Government Bond 7-10 UCITS ETF (Acc)	Fixed Income	Government Bonds	North America	0.4%	4.2%	13.6%	12.7%	46.9%
iShares J.P. Morgan \$ Emerging Markets Bond UCITS ETF	Fixed Income	Government Bonds	EM-Global	4.7%	3.2%	11.4%	27.9%	61.4%

Source: Twenty20 Investments, Markit. All returns in GBP.

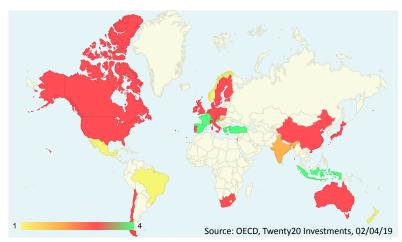


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#### **ETF Scorecards**

We use a diversified set of signals for each ETF based on macro-economic and market data and on the current risk in the markets. This allows us to measure the probability of higher expected returns for the next period. Below are some of the indicators that make up our set of scorecards.

#### **Macro-Economic Indicators**



The business cycle is split into 4 different regimes:

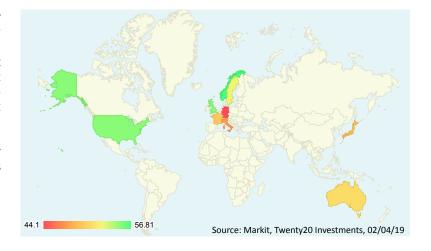


The <u>OECD</u> has developed a system of composite leading indicators (CLIs) to provide early signals of turning points in overall economic activity.

The calculations work on the basis that a set of leading indicators for a given country can provide early signals of turning points in economic activity. The CLIs are based on consumer and business sentiment, estimates of economic activity and other macro economic and monetary factors.

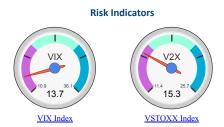
The Purchasing Managers Index (PMI) is a very important sentiment reading, not only for manufacturing, but also the economy as a whole. Although manufacturing is not always the largest component of a country's gross domestic product (GDP), purchasing managers are often the first to know about trading conditions and therefore about company performance.

The key number for PMI is 50. A reading of 50 or higher generally indicates that the industry is expanding. If manufacturing is expanding, the general economy should be doing likewise.



#### **Risk Indicators**

Controlling the risk of an iBasket is at the heart of our investment process. To determine the risk of the overall iBasket we start by studying the volatility of each individual ETF. We then calculate signals for each of the ETFs in an iBasket. From these signals we determine scorecards, which show the expected return on an aggregate level per ETF.



A heightened risk in the markets is often a sign of a subsequent downturn in the economy. If the risk in the markets is high, one tends to reduce the exposure to risky assets in the portfolio and increase the exposure to safer assets like government and inflation-linked bonds. The higher the risk level, the higher the scorecard for any of the safer, low risk ETFs and vice-versa for the more risky

A level of between 15% and 20% for the VIX and the VSTOXX can be seen as a neutral risk level, whereas values lower than that are considered as low risk. To

get a feeling for how extreme the levels of the VIX and the VSTOXX can vary over time it is worth noting that during the financial crisis of 2008 they peaked at 81% and 88%. Risk Indicator Data Source: CBOE, STOXX, 02/04/19



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