# Corporate Bonds Global High Yield Strategy

**Product Report** 30 August 2019

18

**Scenario Analysis** 

# Contents Summary 3 Manager Report 4 Portfolio 5 Performance Analysis of the Strategy 5 Positioning 9

Investment Strategy | Track Record 20

Global High Yield Bonds 23

Fisch Asset Management 28

Contact Person 30

Disclaimer 31

The Fisch product report is intended for professional investors only and provides an in-depth description of the investment strategy and the products based thereon. The Fisch product report should not be distributed to retail investors. The product report contains gross and net performance figures. Gross figures are suitable for benchmark strategy comparisons, for the evaluation of management performance and especially for comparisons of performance components/aspects (contribution, attribution, volatility, etc.). Net figures reflect the performance of a fund after costs. Such costs and commissions result in a decrease of the achieved performance.

#### **Summary**

#### Strategy

#### Investments in attractive, high yield corporate bonds

The FISCH Bond Global High Yield Strategy invests globally in attractive high yield corporate bonds. Through focused implementation of the five independent and complementary alpha sources: credit exposure, regional/sector allocation, duration, issuer assessment and relative value, we achieve a stable portfolio alpha.

#### Summary as of 30.08.2019

Performance Key Figures - EUR	Strategy	Benchmark	Relative
Month to Date Return	0.07%	-0.23%	0.30%
Quarter to Date Return	0.48%	0.24%	0.23%
Year to Date Return	8.79%	8.47%	0.32%
Return 1 Year	4.26%	4.63%	-0.37%
Annualized Return 3 Years	4.15%	3.63%	0.52%
Annualized Return 5 Years	4.86%	3.36%	1.50%
Annualised Return since Inception (01.04.2012)	6.96%	5.39%	1.57%

Portfolio Key Figures	Strategy	Benchmark
Yield to Worst (EUR hedged)	2.9%	3.2%
Credit Spreads (bps)	408	446
Average Rating	BB-	B+
Spread Duration	3.1	3.3
Modified Duration to Worst	3.1	3.3

**Strategy** Global high yield corporate bonds (gross of fees, EUR hedged)

**Benchmark** ICE BofA Merrill Lynch Global High Yield Index (HW00) EUR hedged. These returns are calculated on the basis of the official calendar month end prices.

### »Successful security selection in a generally weak market

#### Manager Report



**Kyle Kloc** Lead Portfolio Manager



Peter Jeggli Senior Portfolio Manager

The high yield bond market ended August down slightly, at -0.2% (benchmark index: ICE BofAML Global High Yield Index, EUR hedged), which is the second time this year it has posted a negative monthly performance. The year-to-date index performance remains positive at 10.7% in USD, 8.5% in EUR and 8.3% in CHF (after hedging costs). The dominant issues in August were the confirmation of a policy pirouette by the US central bank, the ongoing uncertainties in Asia (especially Hong Kong), the sell-off in Argentina and slightly weaker energy prices. Spreads widened by 40 bps in the period under review and the spread over sovereign bonds was 4.4% at the end of the month. Falling yields and the ongoing coupon income (carry), on the other hand, had a positive effect.

We beat the benchmark index in a slightly weaker overall market. Our underweight in Asia (real estate), an overweight in EUR bonds and good security selection in the US healthcare, services and retail sectors as well as a strong outperformance in CCC bonds (Douglas, Picard) all made positive contributions to performance. These gains more than made up for the disappointing results in the US energy sector (loss for the month at index level: -1.4%), in which we were overweight and which detracted from our relative performance. Our security selection of new issues in previous months was also helpful. For example, the most recent Loxam issue is already trading at 104%. The company is a leading specialist in construction equipment rental and, in order to finance a strategic acquisition, issued EUR bonds, which we rated as very attractive.

EUR high yield has become less attractive from a valuation perspective following its latest outperformance, while valuations in emerging markets and the US have become cheaper. We are holding onto our overweight in EUR bonds (in particular the B-rated segment) but will steadily take profits in or sell bonds we believe have become overvalued. In the US energy sector, we are now only slightly overweight in E&P but underweight in the oil service sector, making our positioning neutral overall. The differences in valuation between the energy sector in developed markets (mostly 700 bps or higher) and emerging markets (500 bps or more) are remarkable at the moment.

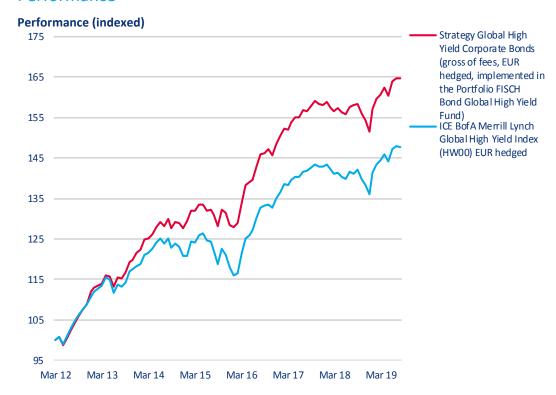
We expect a flood of new issues in September. Some major index weights have already or will soon become IG-rated. Wind (refinancing by main shareholder HK Telecom), Refinitiv (takeover) and Unity Media (takeover by Vodafone) are providing investors, including us, with plenty of liquidity. We therefore expect very strong issuance in EUR bonds. In the US, too, issuance will pick up once the quarterly results are out. Our positioning, at BB-, is more defensive than the market as a whole, at B+ (in particular less CCC). We are underweight in Argentina, with YPF being our only position (0.4% of the portfolio).

#### **Portfolio**

#### Performance Analysis of the Strategy

#### **Performance**

The Global High Yield Corporate Bonds Strategy has been implemented in the portfolio relative to the benchmark index since 1st April 2012.



#### Strategy Global High Yield Corporate Bonds (gross of fees, EUR hedged)

#### Benchmark

ICE BofA Merrill Lynch Global High Yield Index (HW00) EUR hedged

Key Figures - EUR	Strategy	Benchmark	Relative
Month to Date Return	0.07%	-0.23%	0.30%
Quarter to Date Return	0.48%	0.24%	0.23%
Year to Date Return	8.79%	8.47%	0.32%
Return 1 Year	4.26%	4.63%	-0.37%
Annualized Return 3 Years	4.15%	3.63%	0.52%
Annualized Return 5 Years	4.86%	3.36%	1.50%
Annualised Return since Inception (01.04.2012)	6.96%	5.39%	1.57%
Volatility 3 Years	3.92%	3.78%	0.14%
Sharpe Ratio 3 Years	1.14	1.05	0.10
Max Drawdown 3 Years	-5.20%	-5.74%	0.53%

#### Strategy

Global High Yield Corporate Bonds (gross of fees, CHF hedged)

#### Benchmark

ICE BofA Merrill Lynch Global High Yield Index (HW00) CHF hedged

Key Figures - CHF	Strategy	Benchmark	Relative
Month to Date Return	0.02%	-0.27%	0.30%
Quarter to Date Return	0.39%	0.16%	0.22%
Year to Date Return	8.46%	8.23%	0.23%
Return 1 Year	3.76%	4.26%	-0.49%
Annualized Return 3 Years	3.56%	3.20%	0.36%
Annualized Return 5 Years	4.16%	2.80%	1.36%
Annualised Return since Inception (01.04.2012)	6.35%	4.93%	1.42%
Volatility 3 Years	3.91%	3.79%	0.13%
Sharpe Ratio 3 Years	1.10	1.04	0.06
Max Drawdown 3 Years	-5.81%	-6.07%	0.26%

#### Strategy

Global High Yield Corporate Bonds (gross of fees, USD hedged)

#### Benchmark

ICE BofA Merrill Lynch Global High Yield Index (HW00) USD hedged

Key Figures - USD	Strategy	Benchmark	Relative
Month to Date Return	0.30%	0.05%	0.25%
Quarter to Date Return	0.97%	0.76%	0.20%
Year to Date Return	10.93%	10.76%	0.17%
Return 1 Year	7.25%	7.96%	-0.71%
Annualized Return 3 Years	6.58%	6.27%	0.31%
Annualized Return 5 Years	N/A	N/A	N/A
Annualised Return since Inception (01.07.2015)	7.41%	6.37%	1.04%
Volatility 3 Years	3.93%	3.77%	0.16%
Sharpe Ratio 3 Years	1.20	1.16	0.03
Max Drawdown 3 Years	-4.30%	-4.00%	-0.30%

#### Strategy

Global High Yield Corporate Bonds (gross of fees, EUR hedged, CHF hedged, USD hedged)

#### Benchmark

ICE BofA Merrill Lynch Global High Yield Index (HW00) EUR hedged, CHF hedged, USD hedged

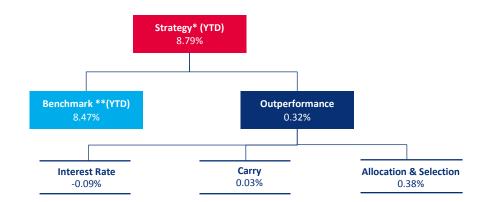
Key Figures - Calendar Year	2014	2015	2016	2017	2018
EUR Strategy	5.19%	0.61%	15.63%	6.52%	-4.27%
EUR Benchmark	2.30%	-2.50%	14.43%	5.86%	-4.67%
CHF Strategy	4.75%	-0.47%	14.78%	5.84%	-4.76%
CHF Benchmark	2.03%	-3.45%	13.73%	5.38%	-5.04%
USD Strategy*	None	-2.46%	17.14%	8.43%	-1.76%
USD Benchmark*	None	-5.83%	14.76%	8.00%	-1.90%

<sup>\*</sup>Since Inception – 01.07.2015

#### **Attribution and Contribution**

The contribution breakdown shows how much each factor contributed to the absolute performance. In contrast, the attribution breakdown explains the impact of each factor on a relative basis.

Factor Contributions (YTD)	
	Relative [%]
Interest Rate	-0.09%
Carry	0.03%
Allocation & Selection	0.38%
Total	0.32%



<sup>\*</sup>Global high yield corporate bonds (gross of fees, EUR hedged) \*\* Benchmark returns based on the index levels on the last business days of the month.

#### **Issuer-Contributions (YTD)**

Highest 5 relative contributors	Return [%]		Return [%] Avg. Weight [%]		ırn [%] Avg. Weight [%]		Contribution [%]	
	PF	вм	PF	вм	Absolute	Relative		
Navient Corp	30.16	20.92	1.2	0.4	0.33	0.24		
KB Home	23.11	14.17	0.9	0.1	0.19	0.18		
Liberty Global Plc Class A	8.88	12.03	2.7	0.7	0.25	0.17		
CIT Group Inc.	13.25	13.94	1.2	0.2	0.17	0.15		
Bausch Health Companies Inc.	11.85	15.93	2.7	1.0	0.29	0.14		

Lowest 5 relative contributors	Return [%]		Return [%] Avg. Weight		ht [%]	Contribut	ion [%]
	PF	ВМ	PF	вм	Absolute	Relative	
Denbury Resources Inc.	-11.22	-6.42	0.6	0.1	-0.15	-0.14	
Chesapeake Energy Corporation	-11.11	-9.11	0.7	0.3	-0.10	-0.09	
Community Health Systems, Inc.	0.00	18.38	0.0	0.5	0.00	-0.09	
Vine Oil & Gas LP	-25.12	-24.68	0.4	0.0	-0.09	-0.08	
PetSmart, Inc.	0.00	57.37	0.0	0.2	0.00	-0.07	

#### **Segment-Contributions (YTD)**

Regions	Return [%]		Return [%] Avg. Weight [%]		Contribut	ion [%]
	PF	вм	PF	BM	Absolute	Relative
Europe	8.88	8.68	25.2	19.2	2.17	0.65
South America	9.33	6.29	7.7	8.3	0.68	0.20
Africa	11.94	9.56	1.8	1.3	0.18	0.10
Mid East	9.51	2.22	0.8	2.0	0.07	0.03
Others	0.00	0.00	0.0	0.0	0.00	0.00
North America	8.67	8.91	58.6	57.7	5.32	-0.01
Pacific	20.03	13.83	0.4	1.0	0.07	-0.07
Eastern Europe	6.73	9.18	2.3	3.7	0.15	-0.18
Asia	8.57	7.67	2.2	6.7	0.15	-0.32
Cash etc.	0.00	0.00	0.9	0.0	0.00	-0.08
Total	8.79	8.47	100	100	8.79	0.32

Sectors	Return	[%]	Avg. Wei	ght [%]	Contribut	ion [%]
	PF	вм	PF	вм	Absolute	Relative
Basic Industry	10.00	9.12	16.8	11.0	1.69	0.71
Telecommunications	9.76	9.61	14.6	10.1	1.38	0.46
Financial Services	21.15	12.71	4.8	5.0	0.85	0.40
Consumer Goods	13.60	10.57	4.2	3.4	0.51	0.22
Automotive	10.07	6.26	3.0	2.3	0.29	0.16
Healthcare	8.59	6.96	8.2	7.8	0.73	0.16
Services	12.19	9.38	3.9	4.3	0.41	0.07
Media	9.05	10.08	8.2	7.3	0.74	0.00
Consumer Non-Cyclical	10.80	0.00	0.0	0.0	0.05	0.00
Government Guaranteed	0.00	0.00	0.0	0.0	0.00	0.00
Utility	8.06	7.81	3.1	3.3	0.27	-0.01
Leisure	9.49	10.40	3.5	3.8	0.34	-0.06
Retail	14.09	10.10	2.5	4.3	0.27	-0.09
Transportation	2.76	7.84	0.1	1.7	0.02	-0.13
Banking	10.61	8.29	4.5	7.3	0.43	-0.13
Insurance	2.82	13.65	0.4	1.2	0.02	-0.15
Real Estate	9.01	7.60	2.3	5.3	0.18	-0.19
Technology & Electronics	9.04	8.60	1.1	3.9	0.10	-0.23
Capital Goods	1.58	8.10	4.4	5.0	0.09	-0.34
Energy	0.57	4.06	14.2	12.9	0.41	-0.44
Cash etc.	0.00	0.00	1.0	0.0	0.00	-0.08
Total	8.79	8.47	100	100	8.79	0.32

Ratings	Return [%]		Return [%] Avg. Weight [%]		Contribut	ion [%]
	PF	вм	PF	вм	Absolute	Relative
AAA	0.00	0.00	0.0	0.0	0.00	0.00
AA	0.00	0.00	0.0	0.0	0.00	0.00
A	0.00	0.00	0.0	0.0	0.00	0.00
BBB	9.78	11.26	1.5	0.9	0.28	0.17
BB	10.52	9.67	52.2	50.6	5.12	0.38
В	8.47	8.46	36.3	34.5	2.75	0.00
CCC	5.99	6.08	7.3	9.7	0.43	-0.23
CC	0.00	0.00	0.2	0.6	-0.02	-0.02
C	0.00	0.00	0.1	0.1	-0.13	-0.14
Not Rated	9.53	1.79	3.5	3.7	0.36	0.24
Cash etc.	0.00	0.00	-1.0	0.0	0.00	-0.08
Total	8.79	8.47	100	100	8.79	0.32

#### Positioning

#### **Securities**

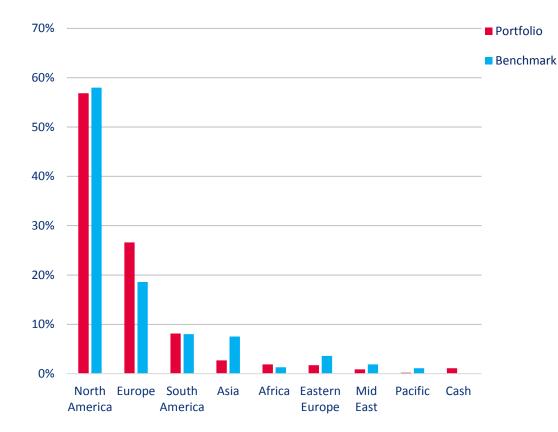
#### **Total Number of Positions**

243

Top 10 Positions				
	Country	Sector	Weight	
Sprint Corp. 7.875% 15-sep-2023	United States	Telecommunications	1.83%	
Petrobras Global Finance Bv 5.75% 01-feb-2029	Brazil	Energy	1.40%	
Kb Home 6.875% 15-jun-2027	United States	Basic Industry	1.16%	
Corral Petroleum Holdings Ab 11.75% 15-may-2021	Sweden	Energy	1.02%	
Ally Financial Inc. 5.75% 20-nov-2025	United States	Banking	1.00%	
T-mobile Usa, Inc. 6.375% 01-mar-2025	United States	Telecommunications	0.98%	
Vrx Escrow Corp. 4.5% 15-may-2023	United States	Healthcare	0.93%	
Telefonica Europe Bv 3.875% Perp	Spain	Telecommunications	0.92%	
Bausch Health Companies Inc. 7.0% 15-mar-2024	Canada	Healthcare	0.91%	
Telecom Italia Mobile Spa 2.875% 28-jan-2026	Italy	Telecommunications	0.90%	

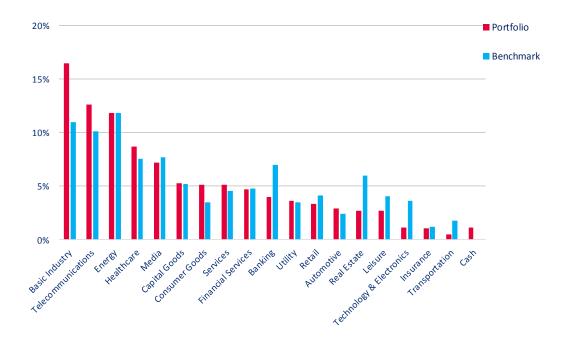
#### Regions

Regional Allocation		
	Absolute	Relative
North America	56.84%	-1.15%
Europe	26.60%	8.00%
South America	8.15%	0.15%
Asia	2.68%	-4.84%
Africa	1.87%	0.59%
Eastern Europe	1.73%	-1.89%
Mid East	0.86%	-1.03%
Pacific	0.20%	-0.91%
Cash	1.10%	1.10%
Total	100%	0%



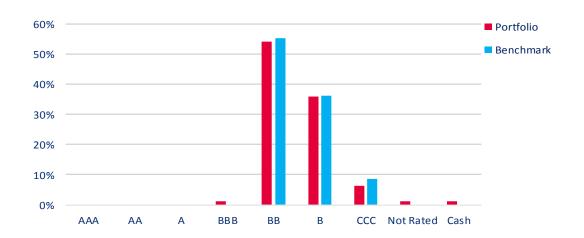
#### Sectors

Sector Allocation		
	Absolute	Relative
Basic Industry	16.48%	5.52%
Telecommunications	12.66%	2.56%
Energy	11.85%	-0.03%
Healthcare	8.72%	1.13%
Media	7.19%	-0.47%
Capital Goods	5.25%	0.05%
Consumer Goods	5.13%	1.62%
Services	5.13%	0.54%
Financial Services	4.67%	-0.11%
Banking	4.01%	-2.98%
Utility	3.65%	0.14%
Retail	3.32%	-0.83%
Automotive	2.90%	0.45%
Real Estate	2.72%	-3.30%
Leisure	2.68%	-1.37%
Technology & Electronics	1.10%	-2.55%
Insurance	1.04%	-0.13%
Transportation	0.46%	-1.32%
Cash	1.10%	1.10%
Total	100%	0%



#### Ratings

Rating Allocation		
	Absolute	Relative
AAA	0.0%	0.0%
AA	0.0%	0.0%
A	0.0%	0.0%
BBB	1.3%	1.3%
ВВ	54.3%	-0.9%
В	36.0%	-0.2%
ссс	6.2%	-2.4%
Not Rated	1.1%	1.1%
Cash	1.1%	1.1%
Total	100%	0%



Investment Grade vs High Yield Allocation	Strategy	Benchmark
Investment Grade	1.30%	0.00%
High Yield	98.70%	100%
Total	100%	100%

#### **Terms**

Total	1.10%	1.10%
>10 Years	1.72%	-2.49%
7-10 Years	24.78%	9.71%
5-7 Years	29.54%	0.41%
3-5 Years	31.69%	1.38%
0-3 Years	11.20%	-10.09%
Term Structure	Absolute	Relative



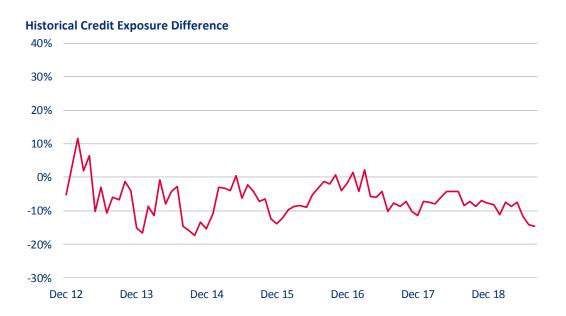
#### **Credit Exposure**

The credit risks in the portfolio are measured through credit exposure. At the bond level, this corresponds to the product of credit spread and spread duration, i.e. the product of risk premium and its sensitivity. At the portfolio level, this corresponds to the sum of the weighted credit exposures of all bonds.

The advantage of this steering parameter is that it includes not only the credit spreads but also their sensitivity. Short-term bonds with very high spreads can be just as risky as long-term bonds with very low spreads. It is therefore crucial to steer both elements when managing a fixed income portfolio. Moreover, it is empirically proven that a stable relationship exists between spread level and spread volatility, i.e. the higher the credit spread of a bond, the higher its volatility.

If the targeted credit exposure is not reached through pure security selection, it can be approached through credit default swaps.

Credit Exposure	Portfolio	Benchmark	Relative Difference
Credit Exposure	12.61	14.76	-14.60%



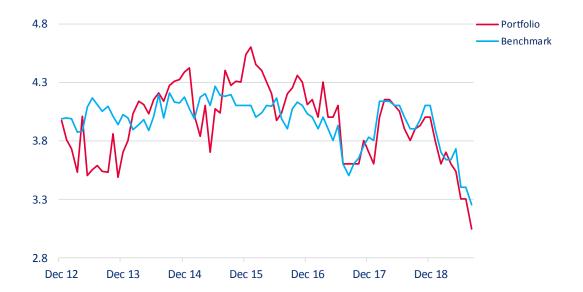
#### **Duration**

The interest rate risks in the portfolio are expressed by means of duration. The Macaulay duration is a measure of the average length of time for which money is invested. It represents the weighted average term to maturity of the cash flows from a bond. The modified duration measures the sensitivity of a bond to changes in interest rates.

Modified Duration			
	Portfolio	Benchmark	Difference
Modified Duration to Worst	3.1	3.3	-0.2

#### **Historical Effective Duration**

Up to June 2017, the graph represents the effective duration, since July 2017 it reflects the modified duration to worst.



#### **Active Share and Tracking Error**

Active share and tracking error are metrics used to measure the degree of active management in a portfolio.

Active share is the percentage of a portfolio that differs from its benchmark. It considers the overweights and underweights of the portfolio's issuer holdings relative to their weights in the benchmark. An active share of zero means the portfolio is identical to the benchmark, whereas a value of 100 means there is no overlap with the benchmark.

Tracking error is another metric that measures deviation versus the benchmark. Whereas volatility measures the absolute standard deviation of a portfolio, tracking error measures the volatility relative to the benchmark. In other words, it measures the volatility of the differences in returns between a portfolio and benchmark.

Cremers and Petajisto<sup>1</sup> compare these two metrics for measuring active management. Tracking error focuses on factor timing, which involves bets on systematic risk factors. In contrast to this, active share looks at the individual stock/bond picks. Based on the two metrics, Cremers and Petajisto distinguish between four different types (see diagram below). A diversified stock/bond picker can be very active despite the low tracking error because the security selection within certain sectors can result in significant deviation from the benchmark positions. Compared with this, a fund that focuses on factor bets can have a large tracking error even if there are no substantial deviations from the benchmark positions at the security level. The authors conclude in their study that among the funds they examined, those with the highest active share outperform their benchmarks both before and after costs on a statistically significant basis.



<sup>1</sup>: K. J. M. Cremers und A. Petajisto, 2009, How Active Is Your Fund Manager? A New Measure That Predicts Performance, Review of Financial Studies, 22(9):3329–3365.

Active Share and Tracking Error	Portfolio
Tracking Error 1 Year	0.79%
Annualised Tracking Error 3 Years	0.71%
Annualised Tracking Error since Strategy Start (01.04.2012)	1.09%
Active Share	68.21%

#### **Historical Active Share**



#### Scenario Analysis

Data as of June 2019

Connection and business Total Bottom					
Scenario analysis: Total Return	Good Case	Base Case	Bad Case		
Credit spread change	-100 bps	None	+200 bps		
Interest rate change	+50 bps	None	-50 bps		
	Expe	Expected Total Return			
Default rate 2%	6.8%	5.1%	0.1%		
Default rate 4%	5.8%	4.1%	-0.8%		
Default rate 6%	4.8%	3.2%	-1.6%		

Source ICE BofA Merrill Lynch Global Research

The future performance of the portfolio is influenced by various factors. Three key influence factors are the credit spreads, the interest rate level and the default rates. Excluding all other performance drivers, we expect the following performance developments for the portfolio in the next 12 months. A scenario analysis is not a forecast, but rather indicates the magnitude of influence factors (the credit spread, interest rate level and default rates in this case). The current Key Figures of the Global High Yield Universe:

Key Figures of the Global High Yield Universe	
	Benchmark
Duration to Worst	3.4
Yield to Worst	5.7%
Credit Spread (bps)	407
Average Rating	B+

Source ICE BofA Merrill Lynch Global High Yield Index (HW00)

The calculations are based on the benchmark ICE BofA Merrill Lynch Global High Yield and the 5-year US Treasury yield. The recovery value is estimated to be 40%.

Good case: negative correlation between credit spread and interest rate movements. The credit spreads fall by 100 bps, whereas the 5-year US Treasury yield rises by 50 bps.

Base case: no movement in credit spreads or interest rates.

Bad case: negative correlation between credit spread and interest rate movements. The credit spreads rise by 200 bps, whereas the 5-year US Treasury yield falls by 50 bps.

Added return through investment in substantially undervalued high yield bonds in combination with proven credit research expertise and an active top-down approach.

#### Investment Strategy | Track Record

#### **Investment Objective**

The investment objective of our global high yield corporate bond strategy is to outperform the benchmark by 1% p.a. throughout the credit cycle by means of active management. We manage the strategy against the ICE BofAML Global High Yield Index (HW00). We seek to deliver systematic excess returns in stressed markets and to match benchmark returns in positive market environments.

#### **Investment Philosophy**

We aim to produce outperformance versus the benchmark through active management, with the objective to deliver systematic excess returns in stressed markets, while at least matching benchmark returns in positive market environments.

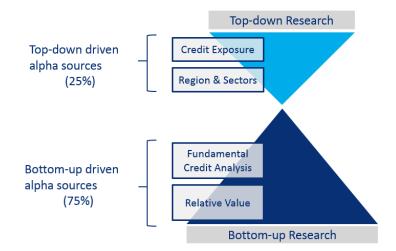
We believe that this is best achieved through a disciplined portfolio construction process that reflects the systematic implementation of four independent and complementary sources of alpha:

#### Top-down

- Credit exposure
- Region / sector allocation

#### **Bottom-up**

- Fundamental issuer analysis
- Relative value



We view the following steps as performance drivers:

- Rigorous macroeconomic assessment
- Credit quality assessment of issuers and securities
- Relative value determination of individual securities

Through our team approach and disciplined investment process that is supported by strong credit research as well as proprietary models, we are able to cover a broad spectrum of the global high yield bond universe.

As a result, we are well positioned to identify the best potential opportunities that the market offers at any given time.

#### **Investment Universe**

The investment universe is determined by the benchmark universe, which comprises >3,000 bonds globally. Senior bonds represent the bulk of the investment universe. Subordinated bonds account for around 10%. The credit quality of the benchmark index has historically averaged B+.

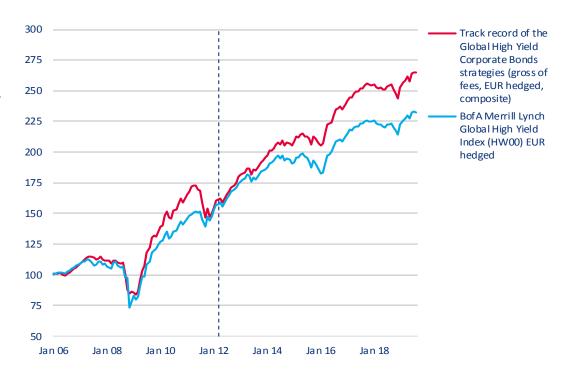
In line with the benchmark index, the investment universe of our global high yield corporate bond strategy includes issuers across all industry sectors. Also in line with the index, we do not invest in loans. 80% of the global high yield corporate bond strategy is invested in bonds with a minimum issue size of USD 250 million.

As off-benchmark investments, we invest opportunistically in corporate bonds that are still officially rated as investment grade but trade as high yield bonds (market implied rating), floating-rate notes and unrated bonds. We will also consider convertible bonds that trade close to their bond floor (leveraging our deep expertise in convertible bonds). Off-benchmark investments comprise a maximum of 10% of the portfolio.

### Track Record of the Global High Yield Corporate Bonds Strategies

Fisch manages high yield portfolios since 23.01.2006.

The Global High Yield Corporate Bonds Strategy has been implemented relative to the ICE BofA Merrill Lynch Global High Yield Index (HW00), EUR hedged since 01.04.2012.



#### **Portfolio**

Track record of the Global High Yield Corporate Bonds strategies (gross of fees, EUR hedged, composite)

#### **Benchmark**

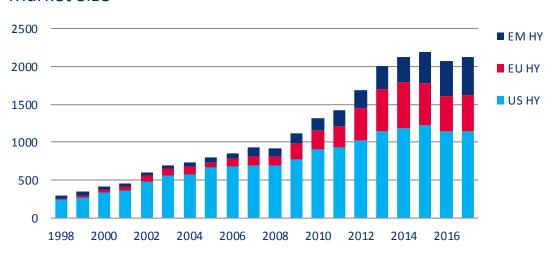
ICE BofA Merrill Lynch Global High Yield Index (HW00) EUR hedged

Performance Key Figures			·
	Strategy	Benchmark	Relative
Month to Date Return	0.07%	-0.23%	0.30%
Quarter to Date Return	0.48%	0.24%	0.23%
Year to Date Return	8.79%	8.47%	0.32%
Return 1 Year	4.26%	4.63%	-0.37%
Annualised Return 3 Years	4.15%	3.63%	0.52%
Annualised Return 5 Years	4.86%	3.36%	1.50%
Annualised Return since Inception (23.01.2006)	7.43%	6.40%	1.03%
Volatility since Inception (23.01.2006)	8.82%	9.64%	-0.82%
Sharpe Ratio since Inception (23.01.2006)	0.71	0.55	0.17

**Note** Before 01.04.2012 the Global High Yield strategy was managed benchmark agnostic and had no outperformance target. With 30-80 positions the portfolio was more concentrated. Since 01.04.2012 the strategy is managed relative to the ICE BofA Merrill Lynch Global High Yield Index (HW00), EUR hedged.

#### Global High Yield Bonds

#### **Market Size**



Source ICE BofA Merrill Lynch Global Research, S&P LCD

The total market of high yield corporate bonds has grown rapidly in recent years. Since the financial market crisis of 2008, the market depth in European bonds has nearly doubled. This has come about as a result of the negative ratings trend of several countries — without a rise in the default rates for industrial bonds. Hence, the market is more broadly based regionally.

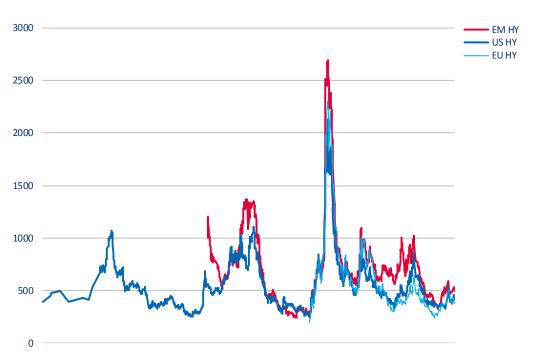
The developments in Europe together with the trend towards disintermediation in emerging market regions open up new opportunities for globally focused strategies in high yield bonds. The majority of issuers are still from North America, followed by Europe. Issuers from Asia, Latin America and the Middle East provide additional diversification.

#### Interest Rate Trend for 5-Year US Treasury



The bonds in which FISCH Bond Global High Yield Fund invests are largely denominated in USD.

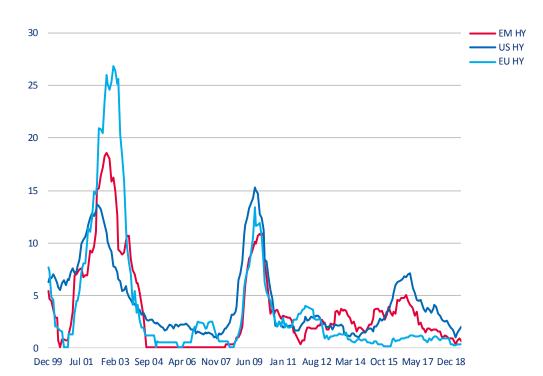
#### Credit Spreads (bps)



May 85 Feb 88 Nov 90 Aug 93 May 96 Feb 99 Nov 01 Aug 04 May 07 Feb 10 Nov 12 Aug 15 May 18 Source ICE BofA Merrill Lynch Global Research

Emerging market high yield bonds (EM HY) exhibit the highest credit spreads relative to US Treasuries over time.

#### Default Rates in Per Cent (LTM Issuer Default Rate)



Source ICE BofA Merrill Lynch Global Research

Default rates are a key indicator of the strength of economic momentum. In times of high default rates (recession, restrictive monetary policy, high debt, currency crises), investors demand a high credit spread. By historical standards, the default rates are currently low in all regions, owing to the low interest rates and moderate global economic growth.

>> Transparency, open communication, entrepreneurial spirit and mutual respect are the principles that define our corporate culture, and which we put into practice every day. These are key factors for our long-term performance as an asset manager, and hence for the success of our investors.

#### Fisch Asset Management

#### **Brief Profile**



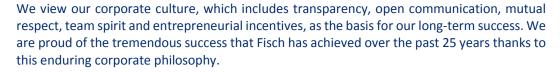
**Kurt Fisch** Founder

**Dr. Pius Fisch** 

create added value for long-term investors through active management. The company's core strength lies in its long experience in the fields of credit and momentum. Founded in Zurich in 1994 by two brothers, Kurt Fisch and Dr Pius Fisch, Fisch Asset Manage-

Fisch Asset Management is an asset manager specialising in select investment strategies. It offers convertible bond, corporate bond and absolute return solutions. Its objective is to

ment has made a name for itself as an independent asset manager and as a global leader in convertible bonds.



Fisch Asset Management has recorded a strong rise in assets under management in the past





#### Our offering

Actively managed mutual fund and segregated account solutions in three asset classes:

#### Convertible bonds (since 1994)

We manage four different global strategies (Defensive, Opportunistic, Dynamic and Sustainable) covering the entire spectrum with a range of risk profiles.

#### **Corporate bonds** (since 2006)

We manage five strategies (Global High Yield, Global Corporates, Emerging Market Corporates Defensive, **Emerging Market Corporates** Opportunistic and Bond CHF Investment Grade).

#### **Absolute Return** (since 2009)

We manage two strategies (Absolute Return Fixed Income and Absolute Return Multi Asset).

#### **Investment Team**

Investment Team		At Fisch	Years of		
			Investment	Industry	
	Function	since	experience	experience	Research Responsibility
Portfolio Management (	Convertible Bonds				
Stephanie Zwick	Head Convertible Bonds, Senior PM	2010	9	16	-
Dr. Klaus Göggelmann	Senior PM/Analyst	2007	20	35	North America, Financials, Utilities
Ute Heyward	Senior PM/Analyst	2011	13	17	North America, Communications, Healthcare
Roland Hotz	Senior PM	2001	18	42	-
Stefan Meyer	Senior PM/Analyst	2008	25	25	Asia, Information Technology
Gerrit Bahlo	PM/Analyst	2018	6	8	Europe, Consumer Disc. & Staples, Energy
Leonardo Spangaro	PM/Analyst	2015	4	8	Japan, Industrials, Materials, Yield Monitor
Martin Haycock	Senior Product Specialist	2015	24	24	Quantitative Analysis
Portfolio Management (	Corporate Bonds				
Meno Stroemer	Head Portfolio Management, Head Corporate Bonds, Senior PM/Analyst	2014	19	27	Emerging Markets
Theodore Holland	Senior PM/Analyst	2018	12	12	Emerging Markets
Peter Jeggli	Senior PM/Analyst	2005	32	32	North America, Europe (HY)
Kyle Kloc	Senior PM/Analyst	2016	19	19	North America, Europe (HY)
Oliver Reinhard	Senior PM/Analyst	2013	11	18	North America, Europe (IG)
Maria Stäheli	PM/Analyst	2018	8	14	North America, Europe (IG)
Sergio Coviello	PM/Analyst	2012	4	7	Global
Portfolio Management /	Absolute Return				
Reto Baumgartner	Head Absolute Return, Senior PM	2005	14	14	Asset Allocation
Robert Koch	Senior PM	2016	12	12	Asset Allocation
Vlad Balas	PM	2010	9	11	Asset Allocation
Dzemo Fazli	PM	2012	7	7	Asset Allocation
Dr. Olivier Schmid	Senior PM	2012	14	14	Trends
Dr. Patrick Wirth	Senior PM	2015	14	21	Trends
Bilgi Sakarya	Senior Product Specialist	1996	30	32	Trends
Investment Office					
Beat Thoma	CIO	2000	27	34	Asset Allocation
Kurt Fisch	Founder	1994	35	41	Asset Allocation
Marco Müller	Senior Analyst	2007	22	26	Quantitative Analysis
Credit Research Fisch					
Atish Suchak	Senior Analyst	2017	18	18	High Yield (DM)
Filip Adamec	Senior Analyst	2016	13	14	High Yield (DM)
Nissant Naganathi	Analyst	2013	1	6	High Yield (DM)
Magashlin Chetty	Senior Analyst	2019	12	16	Asia
Daniela Savoia	Analyst	2018	6	8	Latin America
Credit Research Indepe	ndent Credit View (I-CV)				
Daniel Pfister	Senior Analyst, CEO I-CV	2005	32	32	Credit Analysis
Gabriele Baur	Senior Analyst	2013	32	32	Credit Analysis
Michael Dawson-Kropf	Senior Analyst	2016	25	25	Credit Analysis
Christian Fischer	Senior Analyst	2007	12	19	Credit Analysis
René Hermann	Senior Analyst	2009	19	19	Credit Analysis
Dr. Kurt Hess	Senior Analyst	2009	28	28	Credit Analysis
Thomas Isler	Senior Analyst	2012	33	33	Credit Analysis
Fabian Keller	Senior Analyst	2014	15	15	Credit Analysis
Marc Meili	Senior Analyst	2010	7	9	Credit Analysis
Robin Schmidli	Senior Analyst	2012	10	10	Credit Analysis
Guido Versondert	Senior Analyst	2011	24	24	Credit Analysis
Ernst Zbinden	Senior Analyst	2005	43	43	Credit Analysis
Tomas Lehotsky	Analyst	2019	6	7	Credit Analysis
Patrick Kunz	Analyst	2018	1	1	Credit Analysis

Investment Professionals		Average years		
Overview			Investment	Industry
	Count	At Fisch	experience	experience
PMs	8	9	12	17
PM/Analysts	12	6	14	19
Analysts	22	8	19	21
Product Specialists	2	14	27	28
Total	44	8	17	20

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