LU0784385337

BlackRock Global Funds - Global Multi-Asset Income Fund D2 USD

Morningstar Analyst Rating 😨 Silver

1 May 2019 11:00, UTC-

Morningstar Category Total Assets **Current Yield %** Category Index Inception Date Domicile/ Morningstar Rating Cat 50%Barclays US Agg Currency 7.885.10 08/08/12 *** **USD Moderate Allocation** 5.53 LUX/USD TR&50%FTSE WId TR Mil USD 2009 2012 2014 2015 2018 2019 **Equity Style Map** 2010 2011 2013 2016 2017 **Performance** 30/04/19 ۷ ۷ Growth of 10,000 Ret Giant Annualized USD Fund 13 920 5 04 Large 20K 0 Category 13.334 4.37 15K —Index 15,171 6.39 Μid 10K ▼ Full Manager Change Smal ∇ Partial Manager Change Micro Morningstar Rating Blend Growth High Growth Quartile Rank in Category People 72 22 37 28 69 18 64 Percentile Rank in Category Michael Fredericks 04/13 6 48 4 92 -1 62 6 15 9 55 8 16 % Total Return (USD) -4 10 Justin Christofel 11/13 1.21 -1.93 -0.50 +/- Category -3.28 2.83 1.72 2.50 Alex Shingler 03/15 -4.18 -0.54 -1.45 0.37 -3.85 0.13 -1.24 +/- Index **Total Named Managers** 3 **Process** Fixed Income Style Box **Morningstar Pillars** Asset Allocation O Positive Process | p. 2-3 StockBondCashOther Performance | p. 4 Positive Equity Supersectors 37 29 26 29 29 31 27 % Defensive Positive People | p. 5 37 23 26 26 28 28 29 % Sensitive Positive Parent | p. 6 26 48 48 44 43 41 44 % Cyclical Positive Price | p. 7

Analyst View

Barbara Claus, Senior Analyst

A distinctive, risk-aware, incomeoriented allocation strategy.

The conduct of Morningstar's analysts is governed by Morningstar's Code of Ethics, Securities Trading and Disclosure Policy, and Morningstar Manager Research Integrity Policy. For informaton regarding conflicts of interest, please click http://global.morningstar.com/managerdisclosures

Morningstar Analyst Rating

Morningstar evaluates mutual funds based on five key pillars, which its analysts believe lead to funds that are more likely to outperform over the long term on a risk-adjusted basis

Analyst Rating Spectrum

₩ Gold 😇 Silver 3 Bronze

Neutral **Negative**

The Morningstar Analyst Rating for Funds is a forward-looking analysis of a fund. Morningstar has identified five key areas crucial to predicting the future success of a fund: People, Parent, Process, Performance, and Price The pillars are used in determining the Morningstar Analyst Rating for a fund. Morningstar Analyst Ratings are assigned on a five-tier scale running from Gold to Negative. The top three ratings, Gold, Silver, and Bronze, all indicate that our analysts think highly of a fund; the difference between them corresponds to differences in the level of analyst conviction in a fund's ability to outperform its benchmark and peers through time, within the context of the level of risk taken over the long term (defined as a full market cycle or at least five years). Neutral represents funds in which our analysts don't have a strong positive or negative conviction over the long term (defined as a full market cycle or at least five years) and Negative represents funds that possess at least one flaw that our analysts believe is likely to significantly hamper future performance over the long term (defined as a full market cycle or at least five years). Past performance of a security may or may not be sustained in future and is no indication of future performance. For detailed information about the Morningstar Analyst Rating for Funds, please visit http://global.morningstar.com/managerdis closures

01 May, 2019 | BGF Global Multi-Asset Income benefits from a well-rounded management team and a proven approach to deliver income without sacrificing total return. It retains a Morningstar Analyst Rating of Silver.

1.02

1.00

0.98

1 00

1.14

This UCITS-regulated fund has been managed since November 2013 with the same income-oriented approach that has been applied at its US sibling BlackRock Multi-Asset Income since late 2011 when lead manager Michael Fredericks took the helm. The strategy distinguishes itself by investing in a broad mix of income-generating assets and employing a flexible yet rigourous allocation process. The portfolio consists of an evolving mix of dividend-paying equities, fixed-income securities, including global high yield, and less-traditional sources of income such as covered-call strategies, preferred stocks, and RE-ITs. The strategy generally has a higher credit exposure, but a lower duration and less weight in equities than its USD moderate-allocation Morningstar Category peers.

Fredericks and his two comanagers, Justin Christofel and Alex Shingler, are responsible for the tactical asset-allocation decisions. However, tactical shifts are limited and don't lead to excessive turnover. The managers rely on research capabilities within BlackRock--around 15 distinct teams (including 11 Morningstar Medalists) run separate account mandates for them and provide market views for their respective sleeves. The managers also benefit from the firm's topnotch risk department to help construct and monitor the portfolio. There is a strong focus on risk and downside protection. The team has kept volatility below that of its 50% MSCI World Index/50% Bloomberg Barclays US Aggregate Bond Index blended benchmark, which indicates a skillful execution thus far, and the strategy also proved more resilient than peers during the 2018

Price TER/OGC

1.74 %

Under the current team's tenure, the strategy has consistently delivered top-quintile income while outperforming the category average, both on a total return and risk-adjusted basis. Additionally, low fees have proved to be an enduring edge. There is a euro-hedged clean share class (D2 EUR H) available for Europe-based investors, but high hedging costs can weigh on returns. As of end-April 2019, hedging costs stood at around 2.8% per year.



Morningstar Analyst Rating Silver

1 May 2019 11:00, UTC-0500

LU0784385337

Process: Approach

Morningstar Category USD Moderate Allocation **Category Index** Cat 50%Barclavs US Agg TR&50%FTSE WId

A distinctive, well-formed approach to income generation.

Process Pillar



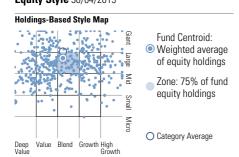
01 May, 2019 | This income-oriented process distinguishes itself by a focus on risk and an ability to diversify the portfolio away from traditional income assets. It has been solidly executed under Michael Fredericks' tenure, earning a Positive Process rating.

Management keeps in mind diversifica-

tion, flexibility, and risk in its pursuit of income. It invests across multiple income-generating asset classes. In addition to higher dividend-yielding stocks and bonds, the strategy invests in less-traditional sources of income-generating securities, such as REITs, preferred stocks, high yield, and emerging-markets debt. Covered-call strategies are also used to generate income. Unlike the US fund, the UCITS fund is not allowed to invest in master limited partnerships and bank loans.

There is no "neutral" allocation: Management tilts the portfolio to the asset classes that display the most attractive risk-adjusted yields, combining macro inputs with bottom-up views from specialist sleeve managers. The strategy also uses derivatives to hedge various risks including equity, duration, curve, and currency as the team keeps close tabs on overall volatility, maintaining it below that of a 50% MSCI World Index/50% Aggregate Index blended benchmark. Strong interaction with the underlying sleeves' managers plays a critical role as some of those sleeves, such as collateralised loan obligations, are less liquid.

Equity Style 30/04/2019



Equity Style Box Factors			
Market Cap	Fund	3-Yr Avg	Category
Giant/Large	78.0	75.7	84.1
Mid	18.4	19.4	14.4
Small/Micro	3.6	4.9	1.5
Avg Market Cap Bil USD	36.2	26.7	62.3
Value Measures	Fund	3-Yr Avg	Category
Price/Prospect. Earnings	16.0	15.1	14.9
Price/Book	2.1	2.0	1.8
Price/Sales	1.7	1.5	1.6
Price/Cash Flow	6.7	7.0	8.5
Dividend Yield	3.6	4.0	3.3
Growth Measures	Fund	3-Yr Avg	Category
Long-Term Earnings %	8.7	8.5	9.2
Historical Earnings %	5.6	-11.3	5.7
Sales %	4.0	-0.6	4.4
Cash Flow %	5.9	0.3	7.4
Book-Value %	5.4	3.9	5.2

Fixed Income Style Box

Inte

Market Type Equity %

eu	IIICOIII	e Style E	oux			
			Cre High	History	Style	Bonds %
				2019		61.0
			Quali Med	2018		92.3
			Low	2017		55.7
			<	2016		60.4
	Mod	Ext	J	2015		62.8
ere	st Rate	Sensiti	vity	Bonds % is t	oased on por	tfolio data.

Selected Fixed Income Style Box Factors

Fixed Income Style 30/04/19

	Fund	3-Yr Avg	Category
Average Credit Quality	BB	BB	BB
Avg Effective Duration	2.1	1.9	3.9

3-Vr Ava

Equity Region	Exposure 30/04/2019
---------------	----------------------------

ivial Ket Type Equity 70	runu	3-11 Avy	Category	
Developed	87.3	87.3	91.9	
Emerging	12.8	11.9	8.1	
Top 5 Countries Equity %	Fund	3-Yr Avg	Category	
United States	42.7	1.8	51.5	
United Kingdom	9.6	0.0	8.3	
France	5.3	0.6	4.9	
China	4.4	0.6	4.9	
Germany	4.3	0.0	2.9	

Income	30/04/1	
111001110	JU/ UT/ 1	

Average Coupon surveyed 30/04/19

	Fund	3-Yr Avg	Category
Current Yield	_	_	3.0
12-Month Yield	0.0	_	_
Average Coupon	_	_	_

Asset Allocation 30/04/19

Current Allocation

Sectors 30/04/2019

Net Assets %	Fund	3-Yr Avg	Category
Equity	19.2	16.2	42.2
Fixed Income	61.0	63.1	41.5
Cash	5.9	7.7	8.2
Other	13 9	13 በ	8 1

3-Year Average

3331313 30, 6 1, 2010			
Top 5 Equity Sectors	Fund	3-Yr Avg	Category
	17.1	15.3	6.2
Financial Services	15.1	17.0	19.2
Healthcare	13.1	11.0	10.7
Industrials	12.1	10.7	10.7
Consumer Defensive	11.0	12.2	10.8

Fixed I	ncome Sup	er Secto	rs	
Assets 9	%			■ Fund — Category
60				,
40				
20	_			
0				
-20	Govt.	Corp.	Secur.	Muni. Cash & Equiv. Other

Top 5 Fixed Income Sectors	Fund	3-Yr Avg	Category
Corporate Financial Services	9.0	_	6.7
CBO/CDO	7.5	_	1.4
Convertible Unspecified	6.5	_	0.3
Corporate Unspecified	6.2	_	1.7
Corporate Consumer Cyclical	5.3	_	0.7



Silver

Morningstar Analyst Rating 1 May 2019 11:00, UTC-0500

LU0784385337

Process: Portfolio

Morningstar Category USD Moderate Allocation **Category Index** Cat 50%Barclavs US Agg TR&50%FTSE WId

A shifting asset mix, but generally more exposed to credit than equity.

Process Pillar

Positive

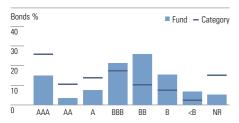
01 May, 2019 | The managers make allocation shifts based on the risks and opportunities they see in the market. While portfolio turnover of the strategy in 2018 was 61%, it was higher but not excessive relative to peers with around 47% for the typical allocation USD moderate allocation peer. Under Michael Fredericks' tenure, exposure

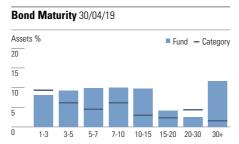
to global high-yield bonds has materially declined as the yield of the asset class declined and its spread relative to Treasuries narrowed. It totaled roughly 55% of assets in early 2012 but was 21% in February 2019. This has allowed the managers to diversify the portfolio across other income sources such as CLOs (12%), emerging-markets debt (7%), nonagency and commercial mortgagebacked securities (10%), and preferred stocks (9%). The portfolio is therefore more exposed to credit than equity, with around two thirds of its fixed-income exposure in securities rated BB or

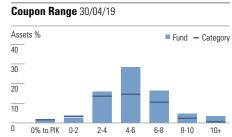
below.

In contrast, there is less duration and equity risk in the portfolio relative to peers. Duration was a modest 2.5 years in February 2019, and equities accounted for 32% of assets versus 44% for the typical fund in the category. Covered-call strategies are another source of income, with a current exposure to these strategies of 12% as at the end of February 2019.

Credit Quality Surveyed 30/11/18







Portfolio Holdings 31/01/19

Previous Portfolio Date Equity Holdings		В	Bond Holdings Other Ho		Other Hol	other Holdings Assets in Top 10		o 10 Holdings Turnover Ratio (Report	
31/12/18	946	2	,831		316		28%	_	
Top 10 Equity Holdings		Country	Assets % 31/01/19	Assets % 31/12/18	First Bought	Days Trading	Economic Moat	Sector	1-Yr Total Ret %
		USA	6.65	_	_	_		_	_
☼ Euro Stoxx 50 Mar 19		DEU	-2.04	_	_	_		_	_
British American Tobacco Pl	LC	GBR	0.26	0.23	10/12	<1	Wide	📜 Consumer Defensive	-24.57
Nestle SA		CHE	0.24	0.21	10/12	<1	Wide	📜 Consumer Defensive	26.83
① Altria Group Inc		USA	0.19	0.18	10/12	<1	Wide	Consumer Defensive	2.35
⊕ TELUS Corp		CAN	0.19	0.18	10/14	<1	Narrow	Communication Serv.	6.75
① Johnson & Johnson		USA	0.19	0.18	10/12	<1	Wide	Healthcare	14.48
⊕ GlaxoSmithKline PLC		GBR	0.18	0.15	10/12	<1	Wide	Healthcare	7.08
Sanofi SA		FRA	0.17	0.31	10/12	<1	Wide	Healthcare	13.53
Taiwan Semiconductor Mar	nufacturing Co Ltd	TWN	0.17	0.18	09/15	<1	Narrow	Technology	12.62

Change since previous portfolio: ⊕ Increase ⊕ Decrease 💥 New

Top 5 Fixed Income Holdings	Country	Currency	Assets %	Super Sector	Primary Sector	Secondary Sector
Us 5yr Note Mar 19 03/29/2019	USA	_	10.19	₩ Government	Government Related	Treasury Future
US 10 Year Ultra Future Mar19	USA	_	4.00	Government Government	Government Related	Treasury Future
Us Long Bond Mar 19 03/20/2019	USA	_	2.61	Government Government	Government Related	Treasury Future
US 10 Year Ultra Future Mar19	USA	_	-0.70	₩ Government	Government Related	Treasury Future
Us Ultra T-Bond Mar 19 03/20/2019	USA	_	0.44	Government Government	Government Related	Treasury Future



Morningstar Analyst Rating Silver

1 May 2019 11:00, UTC-0500

LU0784385337

Performance

Morningstar Category USD Moderate Allocation **Category Index** Cat 50%Barclays US Agg TR&50%FTSE WId

A reliable income provider, with strong risk-adjusted results.

Performance Pillar

Positive

01 May, 2019 | From November 2013 to March 2019, the fund returned 7.1% and outperformed its category average (5.9%) with lower risk. The combination of competitive returns and tempered volatility has produced impressive risk-adjusted results, supporting a Positive Performance rating.

The US sibling's track record under Mi-

chael Fredericks dates back to December 2011. It has returned 6.4% since then and handily outpaced the typical tactical-allocation peer. The returns of the UCITS fund are similar to the US fund's results, although around 30 basis points lower owing to minor differences in fees, withholding tax, and holdings (no MLPs and bank loans are held in the UCITS fund).

The fund's strengths are its income and downside protection. More importantly, it has also outperformed its blended benchmark (50% MSCI World Index/50% Bloomberg Barclays US Aggregate Bond Index) on a risk-adjusted basis.

The strategy's income and capital returns come from diverse sources and evolve over time. In 2016, for instance, covered calls contributed significantly to the fund's income stream with exposure to emerging markets boosting returns. In 2017, the fund's unusual bottom-quartile ranking largely owes to its lower exposure to equities that strongly outperformed other asset classes. In contrast, this proved beneficial in 2018 as did the exposure to nonagency and commercial MBS and emerging-markets debt.

Morningstar Rating and Risk 30/04/19

Overall Ra	ting		****
10 Years	_	_	_
5 Years	Avg	Low	****
3 Years	Avg	Low	****
renou	Cat	Cat	Rating

Risk Analysis 30/04/19

3-Year Return and Risk Analysis Total Return % Category 0

3-Year Risk Measures	Fund	Category	Index
Standard Deviation	4.11	6.08	5.25
Sharpe Ratio	1.08	0.66	1.04
R-Squared	85.92	75.75	_
Beta	0.73	1.00	_
Alpha	0.49	-1.46	_

Maximum Drawdown	Fund	Category	Index
Max Drawdown (%)	-6.34	-9.67	-6.23
Peak Date	05/15	05/15	02/18
Valley Date	02/16	02/16	12/18
Max Drawdown (Months)	10	10	11
Upside/Downside	Fund	Category	Index

88.9

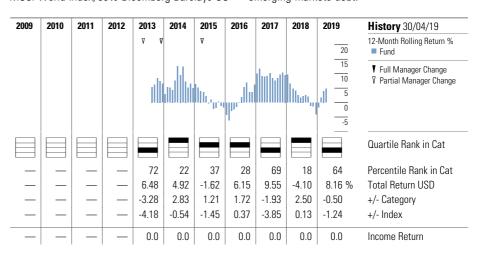
107.7

78.6

67.2

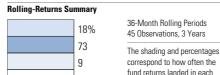
Upside Capture Ratio

Downside Capture Ratio



Returns 30/04/19

Trailing Returns	Total	Investor	Rank	Cat	Index
	Ret %	Ret %	in Cat	Ret %	Ret %
1 Year	4.74	2.53	17	1.96	5.77
3 Years	5.90	4.40	35	5.34	6.91
5 Years	3.77	3.18	39	3.33	5.21
10 Years	_	_	_	5.90	7.96
Tenure 04/13	4.14	_	_	3.62	5.89
Inception 08/12	5.04	_	_	4.37	6.39



category quartile.

0

Incon	ne and Capi	tal Returns			
Returr	1 %		■Incom	ne Return 🗆 C	apital Return
15					
10					
5					
0					
-5	2015	2016	2017	2018	04/19

Year	Income Ret %	Income % Rank in Cat	Capital Ret %	Capital % Rank in Cat
2015	0.00	28	-1.62	31
2016	0.00	34	6.15	18
2017	0.00	34	9.55	60
2018	0.00	22	-4.10	13
04/19	0.00	22	8.16	59



Morningstar Analyst Rating Silver

1 May 2019 11:00, UTC-0500

LU0784385337

People

Morningstar Category USD Moderate Allocation **Category Index** Cat 50%Barclavs US Agg TR&50%FTSE WId

Skilled managers making effective use of BlackRock's strong resources.

People Pillar

Positive

01 May, 2019 | This management team makes effective use of the firm's strong underlying resources, earning a Positive People rating.

Lead manager Michael Fredericks and comanager Justin Christofel took this fund's helm in November 2013. Since late 2011, they have been responsible for its US sibling concurrent

with its strategic shift from a balanced portfolio of stocks and bonds to an income-oriented, tactical approach. Prior to joining BlackRock, Fredericks comanaged JPMorgan Income Builder from December 2009 through March 2011. Christofel has worked with Fredericks since the strategy launched. Alex Shingler joined the team in March 2015 and previously managed fixed-income assets at BlackRock. The three comanagers are invested in this strategy, yet none of them cracks the \$1 million mark.

This trio ultimately makes the asset-alloc-

ation decisions with the support of two macroeconomists, but it leverages BlackRock's broader capabilities as well. Around 15 distinct teams (11 of which are Morningstar Medalists on a mutual fund) run separate sleeves for the strategy and provide market views for their respective asset classes. They combine with those of Fredericks' team to inform tactical moves and sizing. Management also benefits from the firm's extensive risk and quantitative capabilities, including frequent interactions with the risk team through regular reports and meetings.

Management Team

Vears on Managed Funds

Years on Managed Funds



Number of Managers	Longest Tenure	Manager Retention Rate	Average Manager Tenure
3	6.08 Years	5-Year	5.25 Years
		—%	

Advisor

BlackRock Investment Management (UK) Ltd.

Subadvisor

BlackRock Investment Management, LLC BlackRock Investment Management (UK) Ltd. Blackrock Financial Management, Inc BlackRock Institutional Trust Company NA BlackRock International Limited BlackRock (Singapore) Limited

Michael Fredericks 04/13 to Present

6
Current Funds Managed
31

Vears on Fund

Years on Fund

Largest Funds Managed	Tenure Dates	Role	Fund Size	Investment	Tenure	Index
			Bil USD	Mil USD	Ret %	Ret %
BlackRock Multi-Asset Income Portfolio	11/11 to Present	1 of 3	16.06	<1	6.82	8.37
BGF Global Multi-Asset Income Fund	04/13 to Present	1 of 3	7.89	_	3.32	5.27
BGF Dynamic High Income Fund	02/18 to Present	1 of 3	2.93	_	4.12	4.30
BlackRock Dynamic High Income Portfolio	11/14 to Present	1 of 3	0.92	<0.5	5.69	5.85
BlackRock Managed Income Fund	09/16 to Present	1 of 3	0.35	<1	3.88	7.87

Justin Christofel 11/13 to Present

7	5
Fund AUM	Current Funds Managed
28,272.62 Mil USD	22

Largest Funds Managed	Tenure Dates	Role	Fund Size	Investment	Tenure	Index
			Bil USD	Mil USD	Ret %	Ret %
BlackRock Multi-Asset Income Portfoli	o 11/11 to Present	1 of 3	16.06	< 0.5	6.82	8.37
BGF Global Multi-Asset Income Fund	11/13 to Present	1 of 3	7.89	_	3.35	3.97
BGF Dynamic High Income Fund	02/18 to Present	1 of 3	2.93	_	4.12	4.30
BlackRock Dynamic High Income Portfolio	11/14 to Present	1 of 3	0.92	<0.5	5.69	5.85
BlackRock Managed Income Fund	09/16 to Present	1 of 3	0.35	< 0.5	3.88	7.87

Alex Shingler 03/15 to Present

Years on Managed Funds	Years on Fund
8	4
Front ALIM	Current Funda Managad
Fund AUM	Current Funds Managed
28,272.62 Mil USD	20

Largest Funds Managed	Tenure Dates	Role	Fund Size	Investment	Tenure	Index
			Bil USD	Mil USD	Ret %	Ret %
BlackRock Multi-Asset Income Portfoli	o 03/15 to Present	1 of 3	16.06	< 0.5	4.06	6.17
BGF Global Multi-Asset Income Fund	03/15 to Present	1 of 3	7.89	_	3.12	5.24
BGF Dynamic High Income Fund	02/18 to Present	1 of 3	2.93	_	4.12	4.30
BlackRock Dynamic High Income Portfolio	03/15 to Present	1 of 3	0.92	<0.5	5.12	6.17
BlackBock Managed Income Fund	09/16 to Present	1 of 3	0.35	< 0.5	3 88	7 87



Morningstar Analyst Rating Silver

1 May 2019 11:00, UTC-0500

LU0784385337

Parent

Morningstar Category USD Moderate Allocation

Category Index Cat 50%Barclavs US Agg TR&50%FTSE WId

Acting in enlightened self-interest.

Parent Pillar



01 Nov, 2018 | BlackRock's successful balancing act retains a positive Parent rating.

The \$6.3 trillion colossus' institutional and retail clients span the globe, and its publicly traded shares have beaten virtually all industry peers and most fellow S&P 500 denizens since the company's 1999 IPO. Both its clients and public shareholders have high expectations, but BlackRock has shown it understands it must be a capable fiduciary to keep delivering enviable longterm stock returns. Its investment fees continue to fall and managers invest more in their strategies. The firm invests heavily in technology and people and makes versions of its institutional risk and portfolio analysis tools available to advisors. Its iShares unit's efforts to defend its leading exchange-traded fund market position has helped drive asset-management costs down. The firm has expanded into alternatives and private equity.

Biggest is not always best, though. Black-Rock has turned around its fixed-income platform since the global financial crisis, but its active equity lineup has sputtered and been through two major restructurings in six years. Its manager retention and tenure rates for U.S. mutual funds are lower than most other top 20 fund families. While it has shown more fund launch discipline, it has its share of niche vehicles, such as the iShares Robotics and Artificial Intelligence ETF.

Still, BlackRock has used its size and operational savvy to clients' benefit.

Rating

Assets By Region, By Domicile Bil USD



Fund Family Details Europe (*)

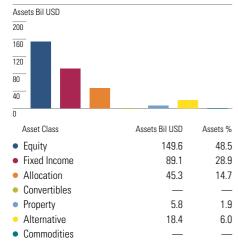






Assets %

Asset Class Breakdown Europe (ex Money Mkt)



Fund Family Details Europe

Top Performing Funds	Category Name	Fund Size	Return %	Rank in Cat
		Mil USD	3-Year	3-Year

Largest Funds	Category Name	Fund Size	Return %	Rank in Cat
		Mil USD	3-Year	3-Year

Recent Fund Launches	Category Name	Fund Size Mil USD	Return % Inception	Inception Date



Morningstar Analyst Rating ᠍ Silver

Category Index

Cat 50%Barclays US Agg TR&50%FTSE WId

1 May 2019 11:00, UTC-

0500

Price

LU0784385337

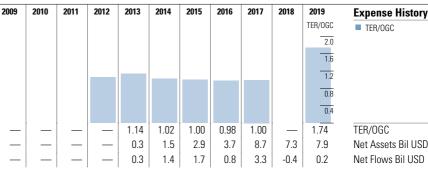
Low costs provide an enduring edge.

Price Pillar

Positive

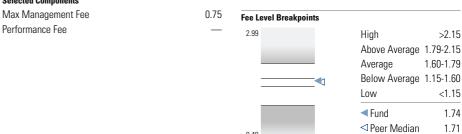
01 May, 2019 | The clean D2 USD share class' ongoing charge of 0.84% is significantly lower than fees of comparable share classes in the USD moderate-allocation category. This earns the fund a Positive Price Pillar rating.





Morningstar Category

Expense Breakdown Fee Level Ongoing charge Fee Level Peer Group Ongoing charge 11/02/19 1.74 Avg USD Moderate Allocation Retail Broad **Selected Components**



Share Class Information								
Share Class	Identifier	Morningstar Category	TER/OGC	Max Mgmt Fee	Performance Fee	Maximum Inital Charge	Minimum Initial Inv	Assets Bil USD
BGF Global Multi-Asset Inc D2 USD	LU0784385337	USD Moderate Allocation	0.84	0.75	_	5.00	100,000	0.19
BGF Global Multi-Asset Inc A6 USE	LU0784384876	USD Moderate Allocation	1.75	1.50	_	5.00	5,000	1.21
BGF Global Multi-Asset Inc E5G EU H	IRLU0784385501	EUR Moderate Allocation - Global	2.24	1.50	_	3.00	_	1.06
BGF Global Multi-Asset Inc A2	LU0784385840	USD Moderate Allocation	1.74	1.50	_	5.00	5,000	0.88
BGF Global Multi-Asset Inc A3G EUR	LU1238068834	USD Moderate Allocation	1.75	1.50	_	5.00	_	0.85
BGF Global Multi-Asset Inc A6 SGE H	D LU0949170426	Other Allocation	1.75	1.50	_	5.00	_	0.67

Morningstar Global Fund Report Disclosure

The Morningstar Global Fund Report ("Report") is for informational purposes, intended for financial professionals and/or qualified investors ("Users") and should not be the sole piece of information used by such Users or their clients in making an investment decision.

The analysis within this report is prepared by the person(s) noted in their capacity as an analyst for Morningstar. The opinions expressed within the Report are given in good faith, are as of the date of the Report and are subject to change without notice. Neither the analyst nor Morningstar commits themselves in advance to whether and in which intervals updates to the Report are expected to be made. The written analysis and Morningstar Analyst Rating within this Report are statements of opinions; they are not statements of fact.

Morningstar believes its analysts make a reasonable effort to carefully research information contained in their analysis. The information on which the analysis is based has been obtained from sources which are believed to be reliable such as, for example, the fund's prospectus and shareholder reports (or their equivalents), fund company website, interviews with fund company personnel, and relevant and appropriate press sources as well as data, statistics and information within Morningstar's own database. Morningstar does not perform an audit or seek independent verification of any of the data, statistics, and information it receives.

Unless otherwise provided in a separate agreement, Users accessing this Report may only use it in the country in which the Morningstar distributor is based. Unless stated otherwise, the original distributor of the report is Morningstar Inc., a U.S.A. domiciled financial institution.

This Report is for informational purposes only and has no regard to the specific investment objectives, financial situation or particular needs of any specific recipient. This publication is intended to provide information to assist institutional investors in making their own investment decisions, not to provide investment advice to any specific investor. Therefore, investments discussed and recommendations made herein may not be suitable for all investors; Users and User clients must exercise their own independent judgment as to the suitability of such investments and recommendations in the light of their own investment objectives, experience, taxation status and financial position.

The information, data, analyses and opinions presented herein are not warranted to be accurate, correct, complete or timely. Unless otherwise provided in a separate agreement, Morningstar makes no representation that the Report contents meet all of the presentation and/or disclosure standards applicable in the jurisdiction the recipient is

Except as otherwise required by law or provided for in a separate agreement, the analyst, Morningstar and its officers, directors and employees will not be responsible or liable for any trading decisions, damages or other losses resulting from, or related to, the information, data, analyses or opinions within the report. Morningstar encourages Users and User clients to read all relevant issue documents (e.g., prospectus) pertaining to the security concerned, including without limitation, information relevant to its investment objectives, risks, and costs before making an investment decision and when deemed necessary, to seek the advice of a legal, tax, and/or accounting professional.

The Report and its contents are not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject Morningstar or its affiliates to any registration or licensing requirements in such jurisdiction.

Where this report is made available in a language other than English and in the case of inconsistencies between the English and translated versions of the report, the English version will control and supersede any ambiguities associated with any part or section of a report that has been issued in a foreign language. Neither the analyst, Morningstar, or Morningstar affiliates guarantee the accuracy of the translations.

This Report may be distributed in certain localities, countries and/or jurisdictions ("Territories") by independent third parties or independent intermediaries ("Distributors"). Such Distributors are not acting as agents or representatives of the analyst or Morningstar. In Territories where a Distributor distributes our Report, the Distributor, and not the analyst or Morningstar, is solely responsible for complying with all applicable regulations, laws, rules, circulars, codes and guidelines established by local and/or regional regulatory bodies, including laws in connection with the distribution third-party research reports.

Morningstar Analyst Rating

	2017	2018	2019	
₩ Gold				
Silver				
Bronze				
Neutral				
Negative				
Not Ratable				

For a list of funds which Morningstar currently covers and provides written analysis on please contact your local Morningstar office. For information on the historical Morningstar Analyst Rating for this fund or any Fund Morningstar covers, please contact your local Morningstar office.

Please note that investments in securities (including mutual funds) are subject to market and other risks and there is no assurance or guarantee that the intended investment objectives will be achieved. Past performance of a security may or may not be sustained in future and is no indication of future performance. A security investment return and an investor's principal value will fluctuate so that, when redeemed, an investor's shares may be worth more or less than their original cost. A security's current investment performance may be lower or higher than the investment performance noted within the report. Morningstar's Risk, Return and Star Rating serves as useful data points with respect to evaluating a fund's risk profile.

A current yield percentage is not a reflection of the actual return an investor will receive in all cases as market prices for securities are constantly changing due to such things as market factors. Where a security is denominated in a

different currency than the currency of the User or User's clients, changes in rates of exchange may have an adverse effect on the value, price or income of or from that investment.

Indexes noted within the report are unmanaged, their returns do not include payment of any sales charges or fees an investor would pay to purchase securities, and cannot be invested in directly.

In certain jurisdictions, the Report contents, except for the Morningstar Analyst Rating and key analysis/opinions, may be shared with the fund company prior to publication. In the unlikely event that Morningstar would change their analysis/opinions and/or the Morningstar Analyst Rating based on feedback as result of such review, the Report would disclose such a fact.

Conflicts of Interest:

- Analysts may own (actual or beneficial) interests in the financial products that are the subject of the Report. No material interests are held by Morningstar, the analyst or their immediate family in the financial products that are the subject of the Report.*
- Analysts' compensation is derived from Morningstar's overall earnings and consists of salary, bonus and
 in some cases restricted stock. Analysts' receive no compensation or material benefits from product
 issuers or third parties in connection with the Report.#
- Morningstar does not receive commissions for providing research and does not charge financial product issuers to be rated.
- Analysts may not pursue business and employment opportunities outside Morningstar within the
 investment industry (including but not limited to, working as a financial planner, an investment adviser or
 investment adviser representative, a broker-dealer or broker-dealer agent, a financial writer, reporter, or
 analyst)
- Morningstar may provide the product issuer or its related entities with services or products for a fee and
 on an arms' length basis including software products and licenses, research and consulting services, data
 services, licenses to republish our ratings and research in their promotional material, event sponsorship
 and website advertising.
- Morningstar affiliates (i.e., its investment management group) may have arrangements with a fund
 company's affiliate to provide investment consulting advice some of which an analyst may issue an
 investment research reports on one or more of the fund company's funds. However, analysts do not have
 authority over Morningstar's investment management group's business arrangements nor allow
 employees from the investment management group to participate or influence the analysis or opinion
 prenared by them.
- Morningstar, Inc. is a publically traded company (Ticker Symbol: MORN) and thus a fund which is the
 subject of this Report may own more than 5% of Morningstar, Inc.'s total outstanding shares. Please
 access Morningstar, Inc.'s proxy statement, "Security Ownership of Certain Beneficial Owners and
 Management" section http://investorrelations.morningstar.com/sec.cfm?doctype=Proxy&year=&x=12. A
 fund's holding of Morningstar stock has no bearing on and is not a requirement for funds Morningstar
 determines to cover.

Analysts do not have any other material conflicts of interest at the time of publication. Users wishing to obtain further information should contact their local Morningstar office or refer to https://corporate.morningstar.com/us/asp/subject.aspx/xmlfile=540.xml

The Morningstar Analyst Rating™ for Funds

The Morningstar Analyst Rating for Funds is a forward-looking analysis of a fund. The Analyst Rating does not express a view on a given asset class or peer group; rather, it seeks to evaluate each fund within the context of its objective, an appropriate benchmark, and peer group.

The date shown next to the Morningstar Analyst Rating is the date on which Morningstar Manager Research Analyst assigned or reaffirmed the current rating for the fund based on the analyst's latest review and research report for the fund

The Five (5) Pillars

Morningstar has identified five key areas that we believe are crucial to predicting the future success of funds: People, Parent, Process, Performance, and Price. Each pillar is evaluated when assessing a fund as well as the interaction between the pillars, which we believe is crucial to understanding a fund's overall merit.

Peopl

The overall quality of a fund's investment team is a significant key to its ability to deliver superior performance relative to its benchmark and/or peers. Evaluating a fund's investment team requires that analysts assess several relevant items including how key decisions are made.

Parent

We believe the parent organization is of utmost importance in evaluating funds. The fund's management set the tone for key elements of our evaluation, including capacity management, risk management, recruitment and retention of talent, and incentive pay. Beyond these operational areas, we prefer firms that have a culture of stewardship and put investors first to those that are too heavily weighted to salesmanship.

Process

We look for funds with a performance objective and investment process (for both security selection and portfolio construction) that is sensible, clearly defined, and repeatable. In addition, the portfolio should be constructed in a manner that is consistent with the investment process and performance objective.

Performanc

We do not believe past performance is necessarily predictive of future results, and this factor accordingly receives a relatively small weighting in our evaluation process. In particular, we strive not to anchor on short-term performance. However, we do believe that the evaluation of long-term return and risk patterns is vital to determining if a fund is delivering to our expectations.

Pric

To reflect actual investor experience, price is evaluated within the context of the relevant market or cross-border region—for example, the United States, Australia, Canada, or Europe. In recognition of differences in scale and distribution costs in various markets, the level at which a fund is penalised for high fees or rewarded for low fees can vary with region. In Europe, for example, funds are penalised if they land in the most expensive quintile of their Morningstar category and are rewarded if they land in the cheapest quintile. The assessment is made using annual expense ratios, but in the case of funds with performance fees, expenses are evaluated excluding any performance fees and then the structure of the performance fee is evaluated separately.

© 2019 Morningstar. All Rights Reserved. Unless otherwise provided in a separate agreement, you may use this report only in the country in which its original distributor is based. The information, data, analyses and opinions presented herein do not constitute investment advice, are provided solely for informational purposes and therefore are not an offer to buy or sell a security; and are not warranted to be correct, complete or accurate. The opinions expressed are as of the date written and are subject to change without notice. Except as otherwise required by law, Morningstar shall not be responsible for any trading decisions, damages or other losses resulting from, or related to, the information, data, analyses or opinions or their use. The information contained herein is the proprietary property of Morningstar and may not be reproduced, in whole or in part, or used in any manner, without the prior written consent of Morningstar. Investment research is produced and issued by subsidiaries of Morningstar, Inc. including, but not limited to, Morningstar Research Services LLC, registered with and governed by the U.S. Securities and Exchange Commission.



Morningstar Analyst Ratings

Morningstar Analyst Ratings are assigned on a five-tier scale running from Gold to Negative. The top three ratings, Gold, Silver, and Bronze, all indicate that our analysts think highly of a fund; the difference between them corresponds to differences in the level of analyst conviction in a fund's ability to outperform its benchmark and peers through time, within the context of the level of risk taken.

Gold

Represents funds that our analyst has the highest-conviction in for that given investment mandate. By giving a fund a Gold rating, we are expressing an expectation that it will outperform its relevant performance benchmark and/or peer group within the context of the level of risk taken over the long term (defined as a full market cycle or at least five years). To earn a Gold rating, a fund must distinguish itself across the five pillars that are the basis for our analysis.

Silver

Represents funds our analyst has high-conviction in, but not in all of the five pillars. With those fundamental strengths, we expect these funds will outperform their relevant performance benchmark and/or peer group within the context of the level of risk taken over the long term (defined as a full market cycle or at least five years).

Bronze

Represents funds that have advantages that clearly outweigh any disadvantages across the pillars, giving analyst the conviction to award them a positive rating. We expect these funds to beat their relevant performance benchmark and/or peer group within the context of the level of risk taken over a full market cycle (or at least five years).

Noutral

Represents funds in which our analysts don't have a strong positive or negative conviction. In our judgment, these funds are not likely to deliver standout returns, but they aren't likely to seriously underperform their relevant performance benchmark and/or peer group either.

Negative

Represents funds that possess at least one flaw that our analysts believe is likely to significantly hamper future performance, such as high fees or an unstable management team. Because of these faults, we believe these funds are inferior to most competitors and will likely underperform their relevant performance benchmark and/or peer group, within the context of the level of risk taken, over a full market cycle.

Morningstar may also use two other designations in place of a rating:

Under Review

This designation means that a change that occurred with the fund or at the fund company requires further review to determine the impact on the ratino.

Not Ratable

This designation is used only where we are providing a report on a new strategy or on a strategy where there are no relevant comparators, but where investors require information as to suitability.

For more information about our Analyst Rating methodology please go to http://corporate1.morningstar.com/ResearchLibrary/

Morningstar Star Rating

The Morningstar Star Rating is a proprietary data point that is quantitatively driven. Funds are rated from one to five stars based on how well the fund performed (after adjusting for risk and accounting for sales charges) in comparison to similar funds. Within each Morningstar Category, the top 10% of funds receive five-stars and the bottom 10% receives one-star. Funds are rated for up to three time periods—three-, five-, and ten-years—and these ratings are combined to produce an overall star rating, which is noted within the Report. Funds with less than three years of history are not rated. Morningstar Star Ratings are based entirely on a mathematical evaluation of past performance Morningstar Star Ratings are in no way to be considered a buy or sell signal nor should be viewed as a statement of fact.

Equity-Related Data Points

The Report lists the fund's top ten holdings as of the dated noted. For each underlying holding, a series of data points is provided including, where applicable, that security's Economic Moat as of the date noted.

Economic Moat

The concept of an economic moat plays a vital role in our equity analyst's qualitative assessment of a firm's long-term investment potential, but also in the actual calculation of its fair value estimate. An economic moat is a structural feature that allows a firm to sustain excess profits over a long period of time. We define economic profits as returns on invested capital (or ROIC) over and above our estimate of a firm's cost of capital, or weighted average cost of capital (or WACC). Without a moat, profits are more susceptible to competition. We have identified five sources of economic moats: intangible assets, switching costs, network effect, cost advantage, and efficient scale.

Companies with a <u>narrow moat</u> are those we believe are more likely than not to achieve normalized excess returns for at least the next 10 years. <u>Wide-moat</u> companies are those in which we have very high confidence that excess returns will remain for 10 years, with excess returns more likely than not to remain for at least 20 years. The longer a firm generates economic profits, the higher its intrinsic value. We believe low-quality, <u>no-moat</u> companies will see their normalized returns gravitate toward the firm's cost of capital more quickly than companies with moats.

For more information about methodology in analysing stocks, please go to http://global.morningstar.com/equitydisclosures.

For Recipients in Australia: This Report has been issued and distributed in Australia by Morningstar Australasia Pty Ltd (ABN: 95 090 665 544; ASFL: 240892). Morningstar Australasia Pty Ltd is the provider of the general advice ('the Service') and takes responsibility for the production of this report. The Service is provided through the research of investment products. To the extent the Report contains general advice it has been prepared without reference to an investor's objectives, financial situation or needs. Investors should consider the advice in light of these matters and, if applicable, the relevant Product Disclosure Statement before making any decision to invest. Refer to our Financial Services Guide (FSG) for more information at www.morningstar.com.au/fsg.pdf.

For Recipients in Hong Kong: The Report is distributed by Morningstar Investment Management Asia Limited, which is regulated by the Hong Kong Securities and Futures Commission to provide services to professional investors only. Neither Morningstar Investment Management Asia Limited, nor its representatives, are acting or will be deemed to be acting as an investment advisor to any recipients of this information unless expressly agreed to by Morningstar Investment Management Asia Limited. For enquiries regarding this research, please contact a Morningstar Investment Management Asia Limited Licensed Representative at http://alobal.morningstar.com/equitydisclosures.

 $\textbf{For Recipients in India:} \ \textbf{This Investment Research is issued by Morningstar Investment Adviser India Private}$

Limited. Morningstar Investment Adviser India Private Limited is registered with the Securities and Exchange Board of India (Registration number INA000001357) and provides investment advice and research. Morningstar Investment Adviser India Private Limited has not been the subject of any disciplinary action by SEBI or any other legal/regulatory body. Morningstar Investment Adviser India Private Limited is a wholly owned subsidiary of Morningstar Investment Management LLC. In India, Morningstar Investment Adviser India Private Limited has one associate, Morningstar India Private Limited, which provides data related services, financial data analysis and software development.

The Research Analyst has not served as an officer, director or employee of the fund company within the last 12 months, nor has it or its associates engaged in market making activity for the fund company.

*The Conflicts of Interest disclosure above also applies to relatives and associates of Manager Research Analysts in India

#The Conflicts of Interest disclosure above also applies to associates of Manager Research Analysts in IndiaThe terms and conditions on which Morningstar Investment Adviser India Private Limited offers Investment Research to clients, varies from client to client, and are detailed in the respective client agreement.

For recipients in Japan: The Report is distributed by Ibbotson Associates Japan, Inc., which is regulated by Financial Services Agency. Neither Ibbotson Associates Japan, Inc., nor its representatives, are acting or will be deemed to be acting as an investment advisor to any recipients of this information.

For recipients in Singapore: This Report is distributed by Morningstar Investment Adviser Singapore Pte Limited, which is licensed by the Monetary Authority of Singapore to provide financial advisory services in Singapore. Investors should consult a financial adviser regarding the suitability of any investment product, taking into account their specific investment objectives, financial situation or particular needs, before making any investment decisions.

