

# Invesco Global Equity Income Fund

**To end February 2025** 

This marketing communication is for professional investors and qualified clients/sophisticated investors only. Investors should read the legal documents prior to investing.

# **Investment risks** For complete information on risks, refer to the legal documents

The value of investments and any income will fluctuate (this may partly be the result of exchange-rate fluctuations) and investors may not get back the full amount invested.



# **Proposition**

A core global fund with a focus on dividends and capital growth

### **Income & Growth:**

- Starting yield in excess of market
- Target dividend growth faster than market
- · Ability to own stocks with no or low yield
- Seek to deliver outperformance v benchmark over market cycle

High conviction (c45 stocks) portfolio with focus on bottom-up stock picking, avoiding excessive style or factor risk

# 'Cashflows drive share prices, the rest is noise'



### **Overview of our investment approach**

Active, fundamental approach with a 3-5 year investment horizon

>10% per annum

We target a double-digit annualised return (income and growth) for each stock we buy in order to beat the market over the long term\*

### Valuation-driven

We aim to buy companies for less than they are worth and spend most of our time evaluating the 'fair value'

### Contrarian

We tend to initiate positions in stocks temporarily out of favour, increasing the potential rewards without relying on undue optimism

# Balance sheet strength

We favour conservative balance sheets as a form of insurance should the investment case not play out as anticipated

### A selection of c40-50 companies held in the Invesco Global Equity Income Fund

\*Please note there is no guarantee this performance target will be achieved.



# Organisation and team



# **Global Equity Income Team**

### **Global Equity Team**

Culture of collaboration and challenge, diversity of thought, ownership of ideas



Stephen Anness Head of Global Equities 22 years experience 22 years tenure



Joe Dowling Fund Manager 11 years experience 11 years tenure



Edward Zhou Analyst 5 years experience 4 years tenure





Andrew Hall Fund Manager 24 years experience 12 years tenure



Rob Stabler Product Director 25 years experience 23 years tenure



**Emily Roberts** Deputy Fund Manager 13 years experience 5 years tenure



Siddharth Shah Product Director 10 years experience 7 vears tenure

### Other resources **Henley-based and Global Invesco**





John Morris Analyst 7 years experience 7 years tenure



Yuyang Zhang Analyst 6 years experience 1 years tenure

Elliott Robinson

Analyst 7 years experience <1 years tenure

Source: Invesco as at 31 December 2024. Years of experience are subject to rounding.



# **Henley-based Global Equities Team**

Assets under management: by strategy and geography

Strategies	AUM	Geography	AUM
Global Founders & Owners	\$126mn	UK	\$3.4bn
Global Equity	\$5.8bn	EMEA	\$1.6bn
Global Equity Income	\$15.7bn	Asia-Pacific	\$12.6bn
Total	\$21.6bn	North America	\$3.9bn

Source: Invesco as at 31 December 2024.



# **Investment philosophy**





# Investment philosophy

Short term investor behaviour can create a wide divergence between perception and reality. This creates opportunity for the long term investor.

### **Investment philosophy**



- Markets are broadly efficient, anomalies are rare
- To outperform you need to be different
- Anomalies can take a long-time to resolve
- Risk management must be considered through the entire process
- Dividends and dividend growth are key drivers of return

Portfolio approach	Output
Focused portfolio	<ul> <li>40-50 stocks<sup>1</sup></li> </ul>
Active approach to stock selection	88% active share
Long time horizon	<ul> <li>3-5 year average holding period,</li> </ul>
Focus on capital preservation	portfolio turnover 38% <sup>2</sup>
Focus on growing real dividends	<ul> <li>Idiosyncratic stock selection, low portfolio correlation</li> </ul>
	Attractive dividend and dividend growth

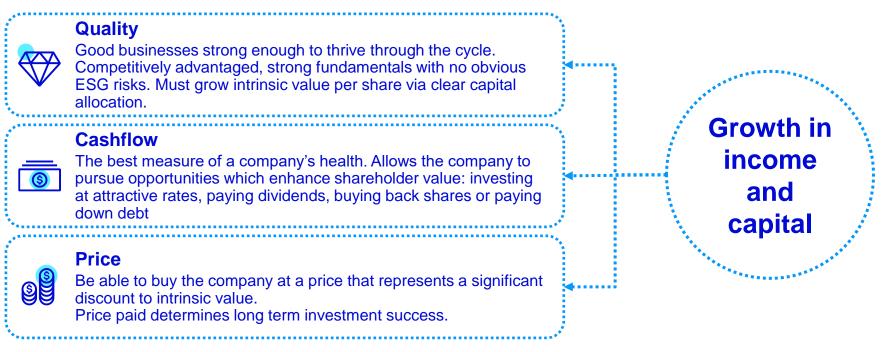


characteristics versus market

Source: Invesco as at 31 December 2024. <sup>1</sup>Excluding Cash. For illustrative purposes only. <sup>2</sup>Five-year average of a rep account of the Invesco Global Equity Strategy calculated using calculation: {[(Purchases of securities + sales of securities) - (subscriptions of shares + redemption of shares)] / (NAV at start of period + NAV at end of period)} x 100%. For illustrative purposes only. Portfolios managed in accordance with the strategy may differ due to specific investment restrictions and guidelines.

### Invesco

# We look for quality companies at attractive prices that can grow cashflows

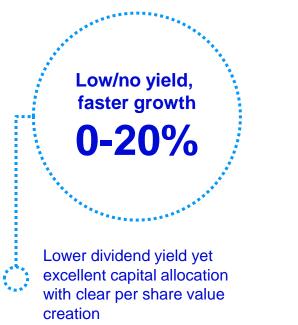


Source: Invesco as at 31 December 2024. For illustrative purposes only.



# The types of IDEAS we look for Three pools of opportunity





Dividend Restoration 0-10% Companies undergoing a temporary challenge with a clear route to dividend restoration

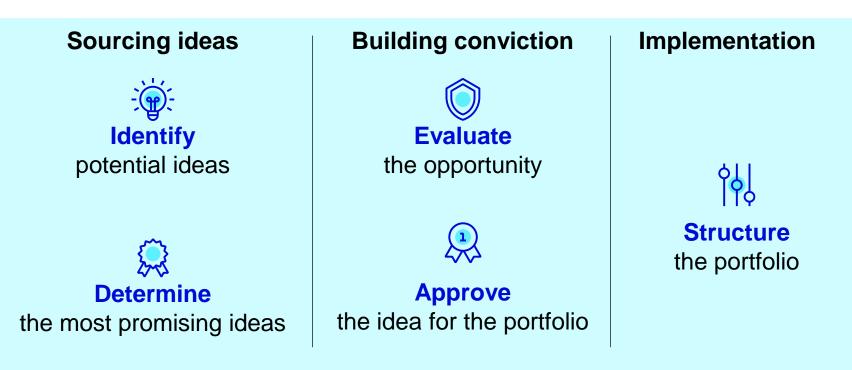
Source: Invesco as at 31 December 2024. For illustrative purposes only.



# **Investment process**



# **Process focused on IDEAS**



For illustrative purposes only.



# **IDEAS: Identify potential ideas** "Open-mindedness" is key

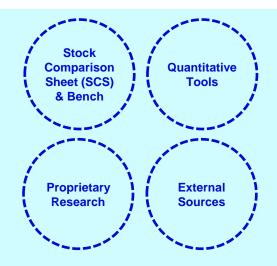
The SCS has ~100 companies where our research has been completed.

The Bench has ~80 companies with varying amounts of research that we are monitoring.

Our research will often lead us to new ideas and themes.

E.g. our meeting with Intel was a key part of our TSMC investment case.

For illustrative purposes only.



Ideas often come from multiple sources: Progressive came from a quantitative project and was mentioned at the Berkshire Hathaway AGM as the best competitor to Geico.

#### We typically screen for good companies on sale & great companies at fair prices.

These companies come in all shapes and sizes so we use a wide variety of tools to find them.

We don't have a monopoly on good ideas and want to cast our net wide in searching for them. This might include colleagues, sell side, podcasts, blogs and wider reading.

# **IDEAS: Identify potential ideas** Screening



### Screening

- Our 2019 deep dive on mistakes / successes highlighted repeating patterns.
- We are disciplined about eliminating companies that exhibit risk patterns during the pre-screening phase.
- Successes were drawn from a broad range of industries, geographies and "styles" but had repeating "patterns of success" around quality and accounting.
- De-emphasising and prioritising these respective patterns ensures we best focus our time.



# **IDEAS: Determine the most promising** Filter and look for red flags

10 Ke	y questions		
1	Can we explain what the business does and why it has been successful?	6	Is the valuation attractive?
2	Is the balance sheet appropriate?	7	What are the ESG risks/ potential momentum?
3	Is the accounting clean?	8	Do we understand and articulate the bear case?
4	Does the business generate economic value?	9	How does it stack up against peers/ stocks we already own?
5	Has the company compounded cash flow and where appropriate dividends?	10	Are management aligned with shareholders?

For illustrative purposes only.

# IDEAS: Evaluate the opportunity

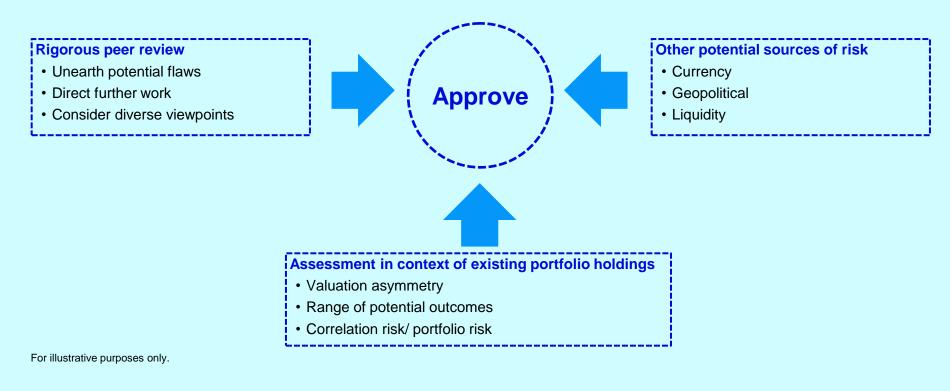
Deep dive, collaboration and challenge

### **Evaluate sections**

- Investment case summary
- Risk: What is the downside risk if we are wrong?
- Risk: Is the balance sheet healthy and accounting clean?
- · Company: competitive advantages, sources of growth, margins, cash flow dynamics
- · Industry: competitive dynamics, capital cycle analysis
- Management: operational and capital allocation track record, insider ownership and incentives
- ESG: review of internal and external analysis, application to intrinsic value
- Risk: further work on key bear cases, sensitivity to exogenous factors and potential hidden risks
- Valuation: triangulating the intrinsic value, is there asymmetry, do we have a differentiated view?

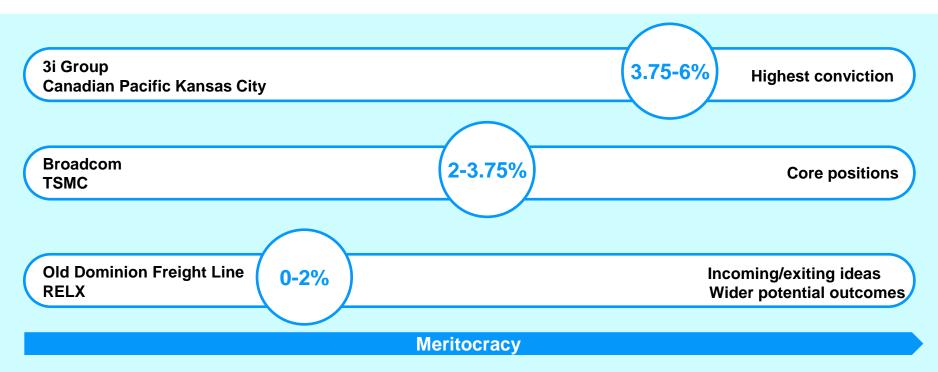
For illustrative purposes only.

# **IDEAS:** Approve the idea



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# **IDEAS: Structure the portfolio** Dynamic portfolio optimisation



This is an Investment Team internal guide only, subject to change without notice. For illustrative purposes only.



# IDEAS: Structure the portfolio Stock Comparison Sheet

	•			<b>_</b>		
Company	Business Growth	Multiple today	Fair Multiple	Re-rating	Dividends	Total return
	3y CAGR* (estimate)		in 3 years (estimate)	3y CAGR*	Yield p.a. (estimate)	3-y CAGR*
Stock A	7%	10x	14x	12%	3%	+22%
Stock B	8%	11x	12x	3%	4%	+15%
Stock C	20%	25x	20x	-7%	1%	+14%
Stock Y	12%	20x	16x	-7%	2%	+7%
Stock Z	6%	22x	20x	-3%	3%	+6%

#### Our company shortlist: ~100 stocks 3 components of total return

#### Stocks are ranked by our estimated total annual return for the next 3 years

Source: Invesco. For illustrative purposes only. This table is an illustration and simplification of our proprietary stock comparison tool with earnings-per-share, earnings-based fair valuation ratio (P/E), and dividend yield estimates as inputs to derive a total return expectation for each stock. A more complete version of the stock comparison table, particularly for financial companies, would include return-on-equity estimates and asset-based valuation ratios such as the price-to-book ratio as inputs. \*CAGR: cumulative annual growth rate.

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# **IDEAS: Structure the portfolio** Sell decision



For illustrative purposes only.



# **Risk management**





# **Risk philosophy** Embedded through the process

### **Stock level**

- Detailed analysis and modelling of P&L and cash flow
- Independent accounting quality monitoring
- Formal monthly team meeting with daily team debate

### **Portfolio level**

- Correlation analysis
- Style/factor bias monitoring
- Quarterly portfolio reviews with portfolio manager and risk manager

### **Centralised risk**

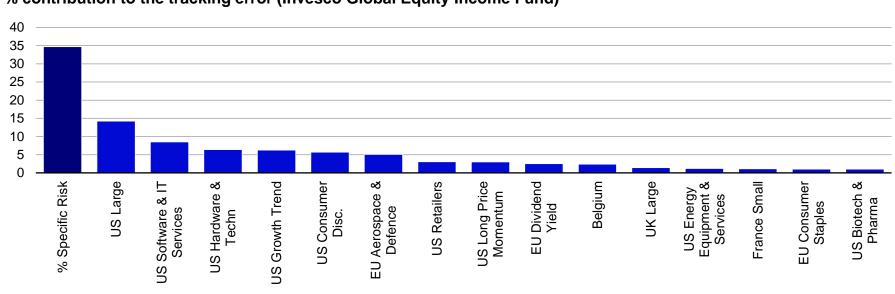
- Annual CIO Challenge (Investment Oversight)
- Quarterly Independent Risk Function
   (IRF)
- Investment Risk

### Risk is not just volatility, it is permanent loss of capital

Source: Invesco as at 31 December 2024. For illustrative purposes only.



# **Risk: Portfolio level** Factor contribution to tracking error – 2024



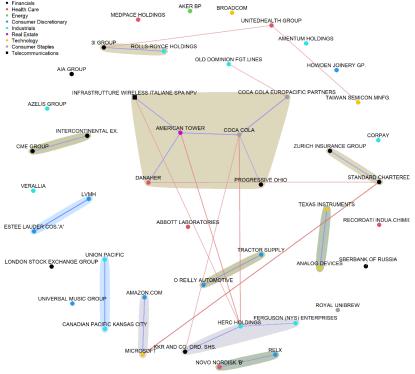
% contribution to the tracking error (Invesco Global Equity Income Fund)

Source: Invesco as at 31 December 2024. Tracking error is in relation to the MSCI World index.



# Correlation of 13 week change over last 10 years Invesco Global Equity Income Fund

- ✓ Holdings demonstrate minimal correlation
- Portfolio constructed to work across different environments
- Diversification mitigates against market and macro fluctuations



Source: ASR as at end December 2024.

Correlation threshold: 0.4

The correlation of 13 week relative performance over the last 10 years shows that over a longer time period the portfolio has some hedges between the three more cyclical Finance related clusters and two Pharmaceutical orientated ones. Note: we require at least 7.5 years of price history to calculate a correlation. For illustrative purposes only.

# Invesco Global Equity Income Fund Portfolio parameters

- 40-50 stocks
- Minimum stock position size 1.0%, maximum 6%
- All holdings companies have >US\$2.5bn market cap
- Exposure to a minimum of 7 GICS sectors
- Maximum emerging markets exposure: 10% of portfolio
- Cash < 3%

Source: Invesco as at 31 December 2024. Internal limits, subject to change. The investment concerns the acquisition of units in an actively managed fund and not in a given underlying asset. The Fund may include investments such as transferable securities, money market instruments, warrants, undertakings for collective investment, deposits and other permitted investments.



# **Portfolio positioning**



# Invesco Global Equity Income Fund Top ten holdings

• Active share 89%

Stocks	Fund (%)	MSCI World index (%)	Active +/- (%)	Projected 12M Dividend Yield (%) <sup>1</sup>	3Y Dividend Growth pa Historic (%) <sup>1</sup>
Rolls-Royce	5.2	0.1	5.1	0.8	n/a
3i	5.1	0.1	5.0	1.8	17.3
Canadian Pacific	4.6	0.1	4.5	0.7	n/a
Microsoft	4.1	3.9	0.2	0.9	10.2
Coca-Cola Eu Partners	4.0	0.0	4.0	3.2	9.6
Texas Instruments	3.7	0.2	3.4	2.9	7
UnitedHealthcare	3.6	0.6	3.0	1.8	13.1
AIA	3.5	0.1	3.4	2.6	5.8
Standard Chartered	3.4	0.0	3.4	2.5	38.2
Novo Nordisk	3.4	0.4	3.0	2.1	28.4

Source: Invesco as at 28 February 2025. Numbers are subject to rounding. Please note that the MSCI World index is not a target, constraining or comparator benchmark of the fund. The comparative information shown here is to illustrate the fund manager's active management investment approach. . 1Sourced from Bloomberg L.P. As at 11 March 2025.

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### Dividend yield 1.8%

### **Company overview**

Multinational private equity business based in London which has been running for over 70 years. Action, a European discount retailer, is the largest asset in the portfolio of companies and has over 2000 stores in 10 countries. US\$44bnbn market cap.

### **Key characteristics**

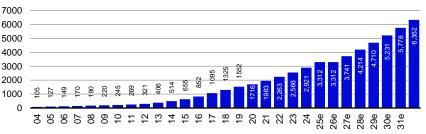
- Well managed portfolio of assets run by a management team that has strong alignment to shareholders (CEO owns 1.6%), with a keen focus on cost control and has overseen consistent growth in book value per share.
- Largest asset, Action (leading non food retailer) is a high quality operation:
  - $\,\circ\,$  Quality: European retailer of the year, 3 years in a row
  - Cashflow: 1 year payback (1x P/E) on new store
  - Growth: 2,000 stores today
  - · Climate: "clear leader in integrating ESG principles" MSCI
  - 10%+ dividend growth per annum over the last 5 years.



#### Investment insight

'One of the best businesses in Europe, hidden in a financial'

### Total store numbers (#)





Top two charts source: BNP Paribas Exane estimates, return on capital employed = EBIT / (total assets (including RoU assets – current liabilities). As at 9 January 2025. For illustrative purposes only.



# Invesco Global Equity Income Fund Sector weightings

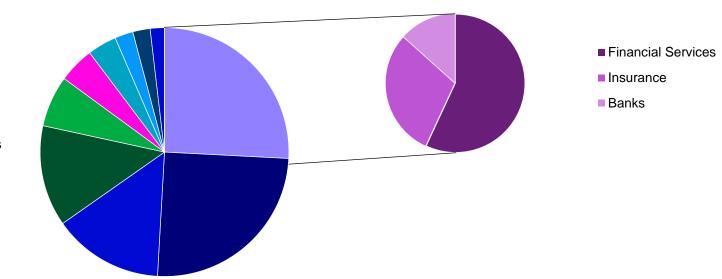
Sector	Portfolio (%)		Active w	veight (%) MSCI World (				
Industrials	24.9				14.1 10.8			
Financials	25.6			8.6	17.0			
Health Care	14.2			3.4	10.9			
Consumer Staples	6.6			0.4	6.2			
Real Estate	2.4			0.2	2.1			
Materials	2.2		-1.1		3.3			
Energy	1.8		-2.0		3.8			
Utilities	0.0		-2.5		2.5			
Communication Services	4.6		-3.5		8.2			
Consumer Discretionary	3.8		-6.8		10.6			
Information Technology	13.0	-11.6			24.6			

Source: Invesco as at 28 February 2025. Portfolio holdings/characteristics are subject to change without notice.

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# Invesco Global Equity Income Fund Sector weightings

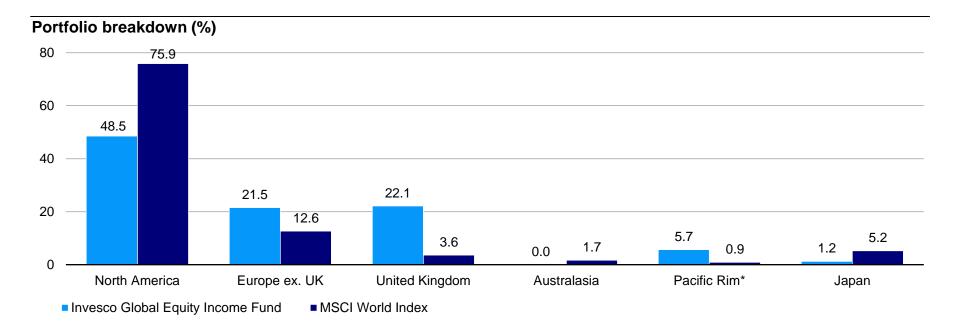
- Financials
- Industrials
- Health Care
- Information Technology
- Consumer Staples
- Communication Services
- Consumer Discretionary
- Real Estate
- Materials
- Energy
- Utilities



Source: Invesco as at 28 February 2025.



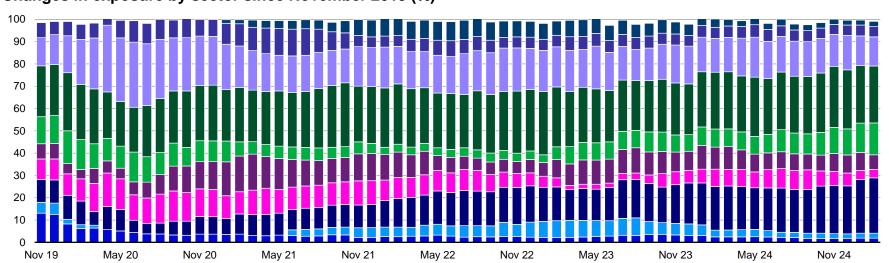
# Invesco Global Equity Income Fund Regional weights



Source: Invesco as at 28 February 2025. \*Pacific Rim = Includes HK & China and Singapore. Holdings may change without notice.

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# Invesco Global Equity Income Fund Changes in exposure by sector



Changes in exposure by sector since November 2019 (%)

Energy Materials Industrials Consumer Discretionary Consumer Staples Health Care Financials Information Technology Communication Services Utilities Real Estate

Source: Invesco as at 28 February 2025. MSCI World Index.

#### A Invesco

# Invesco Global Equity Income Fund Portfolio characteristics

Characteristic	Global Equity Income Fund	MSCI World index
Price to Earnings (12m fwd)	17.1x	19.2x
Return on Equity	15.7%	14.3%
Dividend Yield (12m fwd)	2.3%	1.9%
Debt/EBITDA	2.4x	3.1x

Source: Bloomberg as at 28 February 2025. Characteristics are trailing 12 month figures except Dividend Yield and Price to Earnings which are next 12 months.

# **Performance and attribution**



# Invesco Global Equity Income Fund Net returns at 28 February 2025 (Z-Acc USD shares)

#### Past performance does not predict future returns. Returns may increase or decrease as a result of currency fluctuations.

Calendar year returns USD (%)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Invesco Global Equity Income Fund	0.36	1.89	23.08	-14.44	24.10	4.74	20.35	-10.95	28.51	11.91
MSCI World index	-0.87	7.51	22.40	-8.71	27.67	15.90	21.82	-18.14	23.79	18.67
EAA Fund Global Equity Income	-3.04	5.37	18.58	-11.39	21.61	4.87	17.13	-11.91	13.61	8.32

Annualised* returns USD (%)	3 months	6 months	YTD	1 year	3 years	5 years	10 years
Invesco Global Equity Income Fund	1.78	3.55	5.16	16.70	13.74	14.32	8.04
MSCI World index	0.11	4.50	2.78	15.63	10.22	13.91	9.82
EAA Fund Global Equity Income	1.43	1.28	4.98	11.28	6.31	9.27	5.87
Quartile ranking	2	1	2	1	1	1	1

12-month rolling net performance	28/02/16	28/02/17	28/02/18	28/02/19	28/02/20	28/02/21	28/02/22	28/02/23	28/02/24	28/02/25
Invesco Global Equity Income Fund	-11.92	14.51	20.80	-5.88	-3.24	23.19	7.71	4.22	20.99	16.70
MSCI World index	-11.00	21.26	17.36	0.43	4.63	29.34	10.74	-7.33	24.96	15.63
EAA Fund Global Equity Income	-10.33	14.86	13.41	-2.51	-0.28	19.00	8.96	-4.39	12.93	11.28

Source: Morningstar © 2025. All rights reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information. Benchmark source: Invesco, net return, in USD. Fund Performance figures are shown for the Z acc share class in USD, inclusive of reinvested income and net of ongoing charges and portfolio transaction costs. \*Periods over one year are annualised. As the Fund is actively managed, it is not intended that the performance of the Share Class will track the performance of MSCI World Index (Net Total Return) (the "Benchmark"). As at 2 August 2021, this share class is now the Primary share class for this fund. More information on the peer groups can be found at <u>www.morningstar.com</u>. Peer group: EAA Fund Global Equity Income. Please note the EAA Fund Global Equity Income peer group is not a target, constraining or comparator benchmark of the fund. The comparative information shown here is to illustrate the fund manager's active investment approach and provide broader market context.

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### Invesco Global Equity Income Fund Gross performance at 28 February 2025

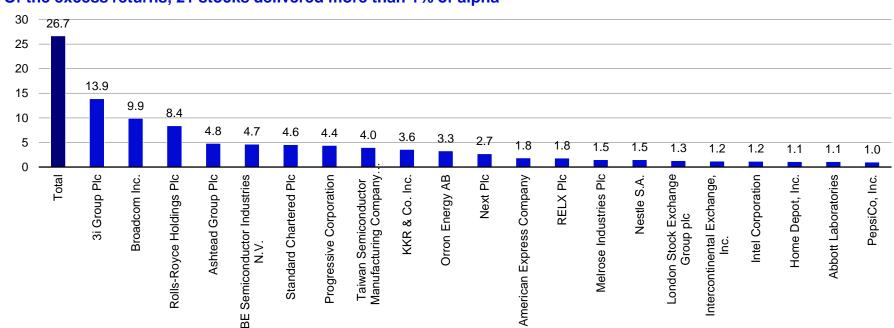
#### Past performance does not predict future returns. Returns may increase or decrease as a result of currency fluctuations.

Calendar year returns USD (%)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Invesco Global Equity Income Fund	1.38	2.92	24.29	-13.60	25.30	5.76	21.53	-10.08	29.78	13.02
MSCI World index	-0.87	7.51	22.40	-8.71	27.67	15.90	21.82	-18.14	23.79	18.67
Out/Underperformance	+2.25	-4.59	+1.89	-4.89	-2.37	-10.15	-0.29	+8.06	+6.00	-5.65

Annualised* returns USD (%)	3 months	6 months	YTD	1 year	3 years	5 years	10 years
Invesco Global Equity Income Fund	2.03	4.06	5.32	17.85	14.87	15.44	9.10
MSCI World index	0.11	4.50	2.78	15.63	10.22	13.91	9.82
Out/Underperformance	+1.93	-0.44	+2.54	+2.22	+4.65	+1.53	-0.72

Source: Invesco. Performance figures are shown in USD, inclusive of reinvested income and gross of ongoing charges and portfolio transaction costs. The performance data shown does not take account of the commissions and costs incurred on the issue and redemption of units. Benchmark source: Invesco, net return, in USD. Exchange rate fluctuations may impact negatively the value of the investment. Please see Net Performance slide for the impact of all fund charges, including ongoing charges. \*Periods over one year are annualised. As the Fund is actively managed, it is not intended that the performance of the Share Class will track the performance of MSCI World Index (Net Total Return) (the "Benchmark").

### Attribution analysis Diverse and broad group of winners



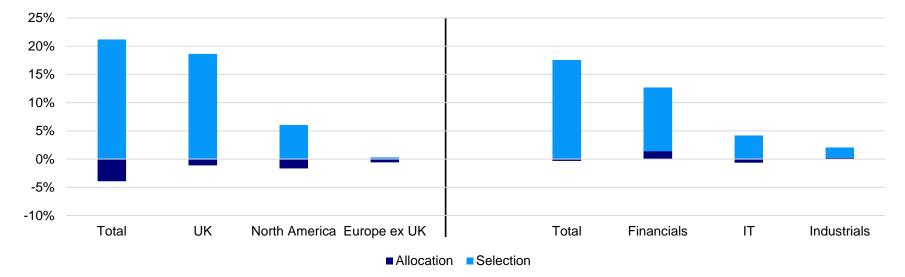
### Of the excess returns, 21 stocks delivered more than 1% of alpha

Past performance does not predict future returns.

Source: FactSet. Relative to the MSCI World index. Period relates to 1 April 2020 - 28 February 2025.

# **Evidence of Skill**

Past performance does not predict future returns. Returns may increase or decrease as a result of currency fluctuations. Performance attribution (3-year)



Source: Invesco, as of 28 February 2025; monthly total returns in USD (gross of fees). Time period: 31/01/2022 to 31/01/2025. Attribution figures are estimates and should be used for indicative purposes only

### Invesco Global Equity Income Fund Performance attribution, impact (bps)

Past performance does not predict future returns. Returns may increase or decrease as a result of currency fluctuations.

Attribution – 1 year	
Top five stocks by impact (%)	Bottom five stocks by impact (%)
Rolls-Royce Holdings Plc   2.54	NVIDIA Corporation -1.39
3i Group Plc 2.34	Verallia S.A1.08
Standard Chartered Plc 1.79	LVMH Moet Hennessy Louis Vuitton SE -0.96
Broadcom Inc. 1.25	Azelis Group NV -0.76
Progressive Corporation 0.63	Union Pacific Corporation -0.74

Attribution – 3 years			
Top five stocks by impact	(%)	Bottom five stocks by impact	(%)
3i Group Plc	7.60	NVIDIA Corporation	-3.42
Broadcom Inc.	5.47	AIA Group Limited	-2.47
Rolls-Royce Holdings Plc	5.31	Aker BP	-2.37
Standard Chartered Plc	2.91	Azelis Group NV	-1.92
BE Semiconductor Industries N.V.	2.69	Reckitt Benckiser Group Plc	-1.90

Source: Invesco, 1 year from 29 February 2024 to 28 February 2025, 3 year from 28 February 2022 to 28 February 2025. GBP returns. Attribution figures are estimates and should be used for indicative purposes only. Data cleansing and retrospective information availability may cause changes.

# Appendix/Backing data



### **Sustainability**

#### We believe in 'responsible ownership'

- Our Henley-based Investment Centre has a heritage of long-term ownership and engagement
- Divestment should be a last resort as it eliminates the power to engage as owners

#### The ESG industry is relatively immature

- · Data sets are incomplete, inconsistent and often make drawing comparisons difficult
- ESG data can be used to aid judgements on company culture, values and behaviour
- · We believe thoughtful ESG analysis can help determine future risk and reward
- We seek to use ESG data to highlight potential 'red flags'

### • We believe ESG 'momentum' can be an important determinant of share price evolution

Any investment decision should take into account all the characteristics of the fund as described in the legal documents. For sustainability related aspects, please refer to www.invescomanagementcompany.lu

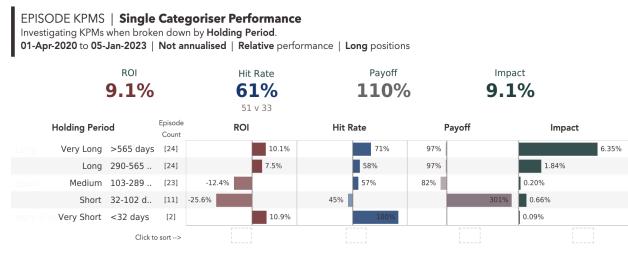
### **Investment strategy**

UN Global Compact	Non-compliant
International sanctions <sup>1</sup>	Sanctioned investments are prohibited
Controversial weapons	<ul> <li>0%, including companies involved in the manufacture of nuclear warheads or whole nuclear missiles outside of the NPT</li> </ul>
Coal	<ul> <li>Thermal coal extraction: &gt;=5% of revenue Thermal coal power generation: &gt;=10% of revenue</li> </ul>
Unconventional oil & gas	<ul> <li>&gt;=5% of revenue on each of the following:</li> </ul>
	Arctic oil & gas exploration
	Oil sands exploration
	Shale energy extraction
Takaaaa	<ul> <li>Tobacco related products production: &gt;=5% of revenue</li> </ul>
Tobacco	<ul> <li>Tobacco related products and services: &gt;=5% of revenue</li> </ul>
Others	<ul> <li>Recreational cannabis: &gt;=5% of revenue</li> </ul>

<sup>1</sup>At Invesco we continuously monitor any applicable sanctions, including those imposed by the UN, US, EU and UK. These sanctions may preclude investments in the securities of various governments/regimes/entities and as such will be included in our compliance guidelines and workflows designed to ensure compliance with such sanctions. The wording of international sanctions is something that we pay particular attention to as there are occasions where sanctions can exist in limited form, for example allowing investments in the secondary market. Any investment decision should take into account all the characteristics of the fund as described in the legal documents. For sustainability related aspects, please refer to www.invescomanagementcompany.lu

### **IDEAS: Structure the portfolio** Essentia – reducing behavioural bias

### Latest Feedback



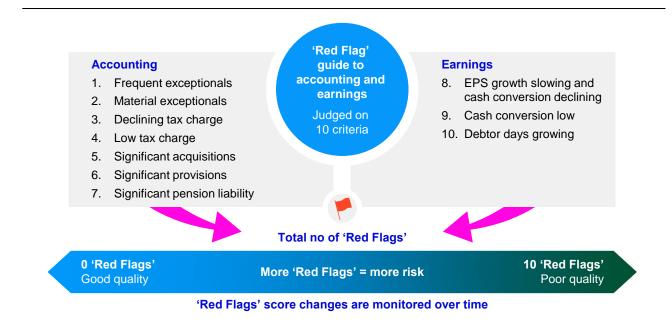
"We have noted that Stephen and Joe have been successful in generating alpha through their duration strategy, picking winners with a significantly high hit rate (71%) in stocks they own for longer than 2 years."

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 "Still more attention is needed in Exit timing, especially into unfavourable momentum and scaling out into poor price momentum"

Source: James MacMillan at Essentia Analytics as at 13 January 2023.

# **Risk: Stock level** Accounting quality monitoring



Reviewed quarterly

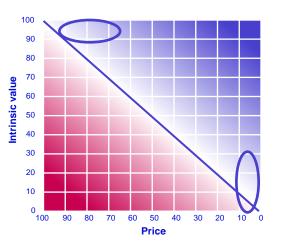
- Increase in red flags triggers further analysis
- Delta, not absolute number is key

For illustrative purposes only.

# **Risk: Stock level** Avoiding value traps

# Characteristics of a value-trap

- Consensus views generally lazy and backward looking
- Value-traps often 'look' cheap
- Potential competitive disruption
- High operational and financial gearing
- Aggressive accounting
- Weak alignment of management



# Characteristics of a value stock

- Idea likely to be contrarian in nature
- Shares trade at discount to industry peers/market
- Business economics favourable and sustainable
- Balance sheet tends to be strong
- Accounting to be clean
- Management likely to have significant direct investment

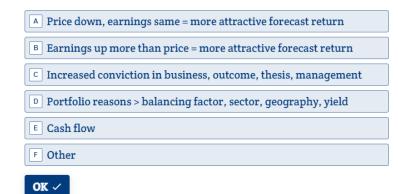
Short term investor behaviour can create a wide divergence between perception and reality. This creates opportunity for the long term investor.

For illustrative purposes only.

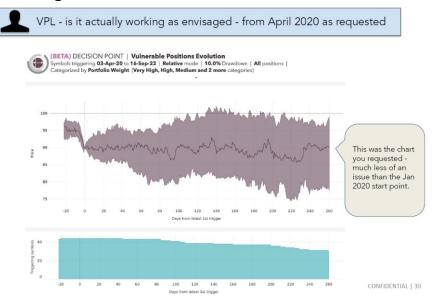
# **Essentia, Behavioural Bias & Portfolio Construction**

### **Mitigating Hindsight Bias**

I added to this stock because:



#### **Tracking Outcomes**



Source: James MacMillan at Essentia Analytics - 28 November 2022.

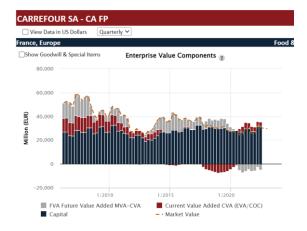


## Where have we made mistakes? Eliminating risk patterns

#### **Common patterns**

- Risk. Accounting red flags "Red Zone"
- Cash Flow. Reported FCF overstates "owners" FCF
- Quality. Sporadic / No EVA Generation
- Growth. 0% EPS growth over 20 years
- Narrative. Too much trust in Management change story

### **Sporadic / No EVA Generation**



### Accounting red flags – "Red Zone"



Source: Middle chart: <u>https://www.evaexpress.com/Default.aspx?tic=&tab=</u> - accessed 06 March 2023. RHS: <u>https://www.canaccordquest.com/quest/#!/latest/World/company/31473/summary</u> - accessed 06 March 2023.

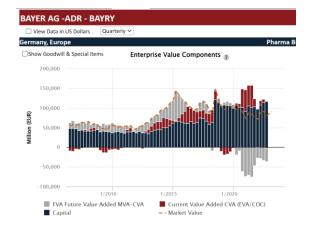


# Where have we made mistakes? Eliminating risk patterns

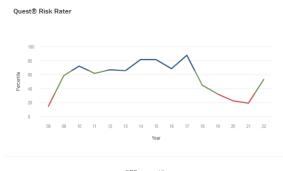
#### **Common patterns**

- Risk. Accounting red flags "Red Zone"
- Cash Flow. Reported FCF overstates "owners" FCF
- Quality. Sporadic / No EVA Generation
- **Growth.** FCF per share growth of 0% since 2011
- Narrative. Too much trust in Management change story

### **Sporadic / No EVA Generation**



### Accounting red flags – "Red Zone"





Source: Middle chart: <u>https://www.evaexpress.com/Default.aspx?tic=&tab=</u> - accessed 06 March 2023. RHS: <u>https://www.canaccordquest.com/quest/#!/latest/World/company/31473/summary</u> - accessed 06 March 2023.

### **Qualitative Research confirms Quantitative Inputs**

Invesco		Deter	mine			
Date						
Progress to Evaluate?						
Idea Source (specific screen/letter/person)				_		
Price alert @ price of & F	PE of					
Initial interest (X/10)						
Sell-side analysts who h useful	ave been					
Author						
Initial ESG View	Sustainaly	tics:	м	SCI:	CDP:	
1. What is the balance	sheet like?	(headline NI	D/EBITDA]			

 Is this a management team and business generating positive feedback loops- ie growing and getting better? (Action/DHR etc) Prove why.

#### **Evaluate – Deep Research**

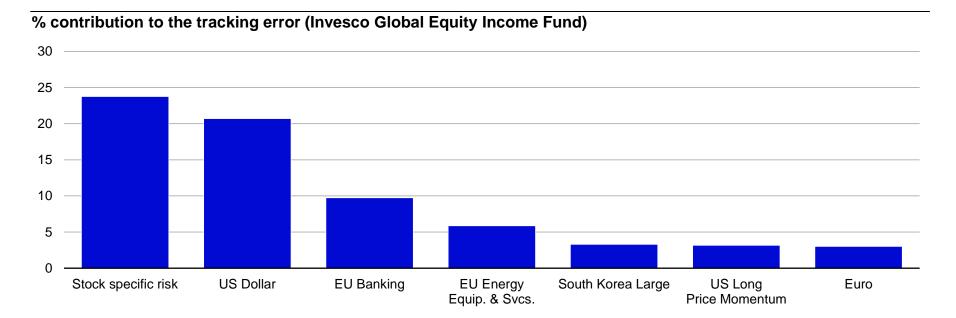
#### Evaluate Invesco Company - price Date Recommendation × Out of 10 Have you read the annual report cover to cover? Idea Source Sell-side analysts spoken with Author х Industry E/S/G Best in class / above average / average / below / worst Company E/S/G Best in class / above average / average / below / worst CDP Score Investment thesis ٠

### "SCS" – Focus Capital on best r/r

	-	<u> </u>							
Name (Colour to highlight analyst conviction)	GIG	P/E (FCF) or P/B	2025 Exit EPS/BVPS	Exit Multiple	Exit Price	Add net cash (net debt)	3 Year Total DPS	3 Yr Holding Period Adj.	3Yr TSR
1	GIG	P/B	2,423.00	1.0	2,423.00		246.0	× 3.2	21.3%
	GIG	EV/EBITDA	9.52	18.0	2,423.00		240.0	3.2	20.8%
	GIG	P/E	28.01	6.5	171.30	62.69	22.7	3.0	47.2%
-	GIG	EV/EBITDA	57.59	16.0	921.47	-19.62	68.4	2.8	20.4%
	GIG	P/E	3.8	14.0	52.64	-19/02	3.8	2.0	32.3%
	GIG	P/E P/E	7.04	52.6	370.53		18.6	2.0	30.1%
	GIG	P/E	46.00	15.0	690.00	46.00	45.0	3.0	16.1%
	GIG	P/B	128.50	1.0	128.50	0.00	5.3	2.0	25.7%
	GIG	P/B	18.99	0.7	12.35		0.7	2.0	23.8%
	GIG	P/E	3.05	16.0	48.80	46.27		3.0	22.3%
	GIG	P/E	6.80	20.0	136.00	10.49		3.0	17.0%
	GIG	P/E	7,336.00	13.5	99,036.00	27,863.00	4,332.00	3.0	19.6%
	GIG	P/E	7.63	15.0	114.45		7.0	2.0	8.5%
	GIG	P/E	16.38	12.0	196.56		8.1	2.0	18.1%
	GIG	P/E	5.64	20.0	112.80		2.4	2.0	4.6%
	GIG	P/E	11.20	17.0	190.40		16.4	3.0	15.9%
	GIG	P/B	59.97	1.2	71.97		9.0	2.0	17.1%
	GIG	EV/EBIT	1.26	22.5	28.29	1.13	1.57	2.0	15.5%
	GIG	P/FCF	7.18	21.0	150.78		6.7	3.0	13.8%
	GIG	P/E	9.34	19.0	177.46		8.0	2.5	12.0%
	GIG	P/E	13.90	22.5	312.75		5.7	2.4	12.4%
	GIG	P/E	16.20	20.0	324.00		22.3	2.0	2.2%
	GIG			0.0	37.60			2.0	11.2%
	GIG	P/E	39.50	13.0	513.50		86.7	3.0	10.7%
	GIG	P/E	13.99	12.0	167.88		12.1	2.0	12.5%
	GIG	P/E	18.80	20.0	376.00	148	5.0	2.0	1.5%
	GIG	P/NAV	68.26	1.0	68.26		13.2	3.2	8.5%
	GIG	P/E	6.41	25.0	160.25	2.90	0.8	3.0	-1.0%
	GIG	P/E	8.35	15.0	125.25		5.8	2.0	6.8%
	GIG	P/E	194.30	21.0	4,080.30		272.0	2.4	6.8%
	GIG	P/E	7.12	20.0	142.40		14.7	2.0	-6.5%
	GIG	P/E	1.23	24.0	29.52	-3.12	1.5	2.0	8.0%

Source: Internal as at 17 January 2023.

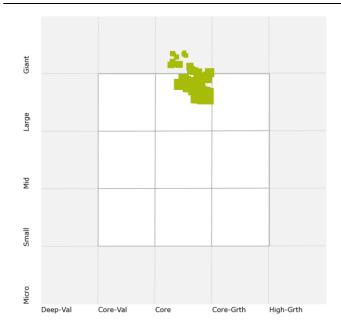
### **Risk: Portfolio level** Factor contribution to tracking error – end 2019



Source: Invesco as at 31 December 2019. Tracking error is in relation to the MSCI World index.

# **Invesco Global Equity Income Fund**

### Holdings-based style trail



Source: Morningstar Direct, as at 31 December 2023. Covering the period of 31 December 2021 to 31 December 2023.

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