

PACIFIC ASSET MANAGEMENT

Enlightening Client Conversations



Freddie Streeter Head of Global Solutions



Jeremy Krausz Associate Director

AGENDA

PAM UPDATE

RESOURCES FOR CLIENT CONVERASTIONS



Our story so far

A management owned business, unencumbered by legacy



Family Office Heritage **Pacific Investments**



- · PAM is part of Pacific Investments Group, a UK based private family office established in 1993.
- · Pacific Investments is well regarded as founders and incubators of highly successful asset management businesses.

Moving Asset Management Forward **Pacific Asset Management**

Expertise

Across **Asset** Classes

> Multi-Asset > Equity > Fixed Income

Alternatives

- > Risk Premia Sustainable
- > Thematic

Dedicated Investment **Professionals**



Global Client **Base**

2017

- Advisers
- Institutional Pension Funds
- > Wealth Managers
- > DFM's
- > Consultants

Consistent **AUM** Growth



1993

PIM **FOUNDED** Businesses previously founded by Pacific Investment.







LIONTRUST

2016 PAM

Launch of Launch of **FOUNDED EM** Equity Fund

2018 Launch of AdviserLab

PAM becomes signatory to UN PRI

2019

Launch of G10 Macro Rates

EnlightenESG **Profiling Tool** Launched

2021

MPS range

awarded 5*

Defagto Rating

2021

Launch of Longevity & Social Change Fund

Launch of **EM Income** Fund

2022

Launch of North American Fund

> Launch of Global Credit Fund

2023

Modern Model Portfolio Solutions

P>CIFIC
ASSET MANAGEMENT

Utilising institutional infrastructure to power model portfolios

Efficient Passive Tailored Sustainable Core Income Defensive Tailored to meet Defensive Defensive Defensive Conservative your firms' Conservative Conservative Balanced Balanced Balanced Balanced requirements Adventurous Adventurous Adventurous Aggressive Built with you Aggressive Aggressive CORE **GLOBAL** CORE **GLOBAL** Oxford Behavioural Finance. defaqto defaqto DYNAMIC PLANNER® RISK PROFILED Applied. Risk **RISK RATED**

Industrialisation of MPS



Unintended consequence of risk profiling

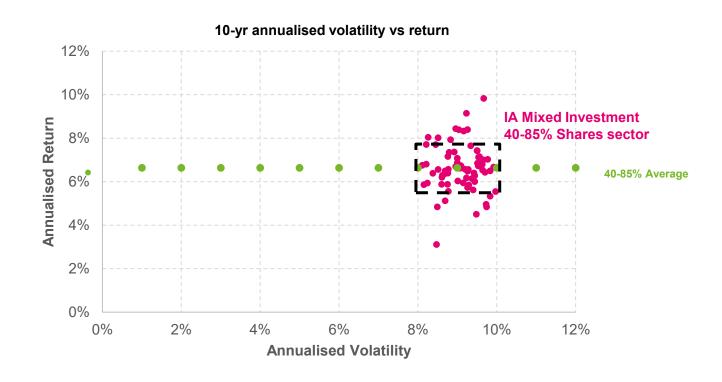
Risk Profile	Risk Profile 1	Risk Profile 2	Risk Profile 3	Risk Profile 4
Strategy	Defensive	Conservative	Balanced	Growth
Volatility Range	4.75%-6.25%	6.25%-8.75%	8.75%-11.25%	11.25%-13.75%
Equity Range	Equities 0-20%	Equities 20-40%	Equities 40-60%	Equities 60-80%

Unintended consequences of client risk profiling is that the deviation between providers is never going to be that different

Industrialisation of MPS – **Balanced** Portfolios



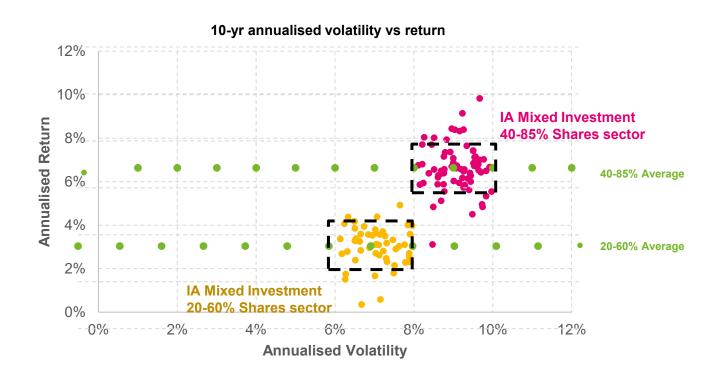
Understanding our own limitations



Industrialisation of MPS – **Balanced** Portfolios vs **Cautious** Portfolios



Understanding our own limitations



RECOGNISING THE ALPHA

Starting the investment journey
Providing diversification

Navigating the investment cycle

Trying to time the market

Staying Invested

Education for informed decision making

Investment studies have concluded that behavioural coaching can add up to an average of approximately 200 basis points per year

HOW CAN WE HELP?

EDUCATIONAL RESOURCE AND COMMUNICATION

SAVING YOU TIME AND RESOURCE



Resource example: Cost of servicing



Client Account £200K

£400	For central management costs and licensing
£200	Office and incidental business costs
£700	Financial planner cost
£200	Review preparation administration costs
£100	Post-review transaction administration costs
£300	Paraplanning cost
£1,900	Total costs

Source: Citywire 2024

Adviser Support - Jargon Buster





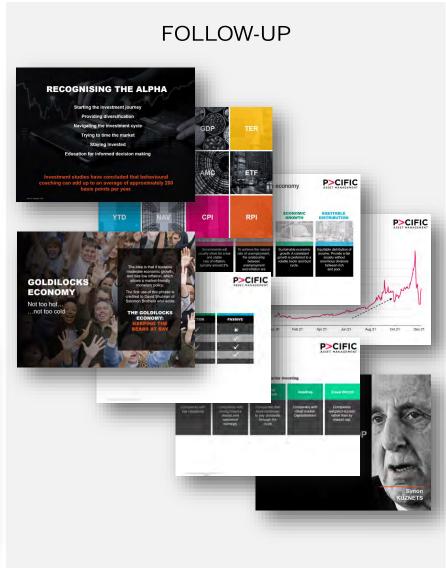




Two Decks







Government objectives for the economy



INFLATION



Governments will usually strive for a low and stable rate of inflation, typically around 2%.

UNEMPLOYMENT



To achieve the natural rate of unemployment, the relationship between unemployment and inflation are closely linked.

ECONOMIC GROWTH



Sustainable economic growth. A consistent growth is preferred to a volatile boom and bust cycle.

EQUITABLE DISTRIBUTION



Equitable distribution of income. Provide a fair society without enormous divisions between rich and poor.

Inflation

Why target 2%?

Base effects (Disinflation)

CPI vs RPI

Deflation

The general decline in prices of goods and services.

Detrimental for the economy as consumers and businesses continue to hoard cash.

Inflation

RPI & CPI: What is the difference?



RPI

Current UK rate 2.7%

The retail prices index

RPI includes mortgage interest payments: this means it is "heavily influenced" by house prices and interest rates

Arithmetic mean is used

List of items that are linked to RPI

- · Final salary pension payments
- Income from index-linked annuities
- Income from some index-linked bonds
- Train tickets
- Mobile phone tariffs
- Air passenger duty
- Car tax
- Tobacco duty
- Alcohol duty
- · Interest on student loans

CPI

Current UK rate 1.7%

The consumer prices index

CPI takes no account of housing costs: but factors in all the other goods and services

The geometric mean is used

List of items that are linked to CPI

- State pension
- · Public sector pensions
- Lifetime allowance for pensions
- Personal independence payments
- Attendance allowance
- Jobseeker's allowance
- Universal credit
- Housing benefit
- Income support
- Statutory maternity and paternity pay
- Statutory sick pay

Causes of Inflation

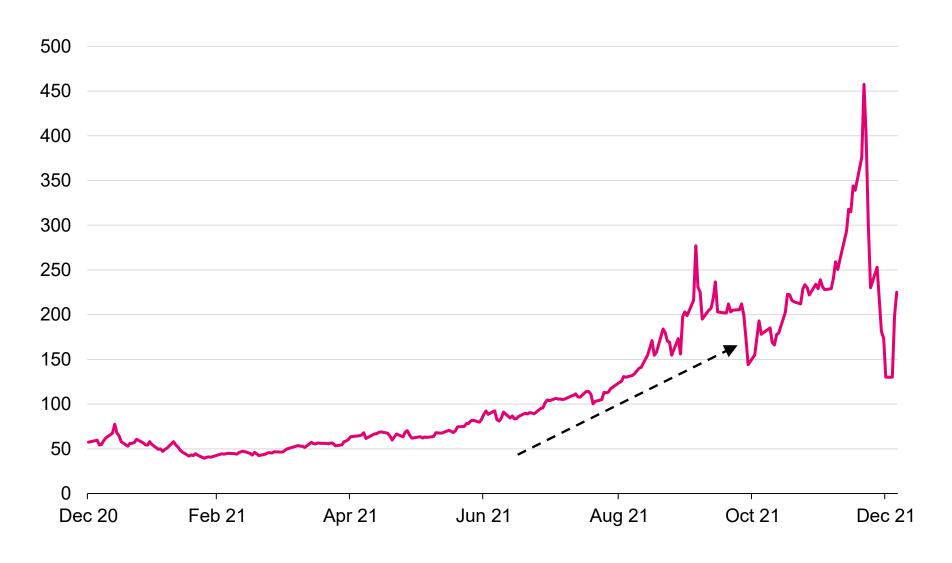
Cost Push

Demand Pull

Cost push – Surge in energy prices



UK Gas price from Dec 20 to Dec 21

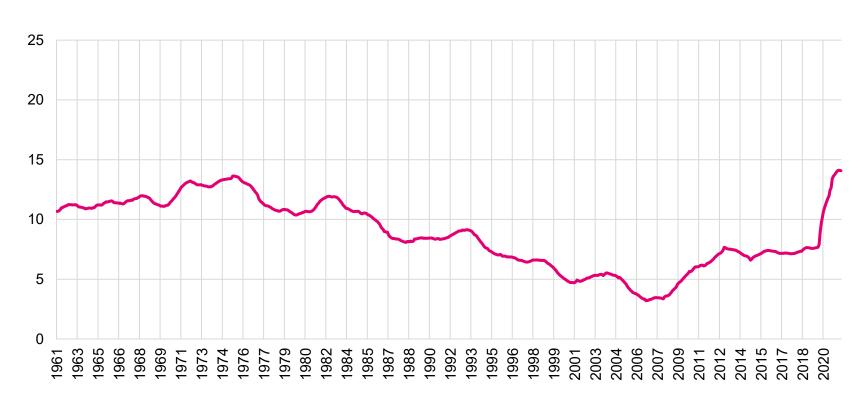


Demand pull inflation



US personal savings rates remain elevated versus history
This is the demand element of inflation – if this money gets spent demand for goods and services increases – which may cause price rises

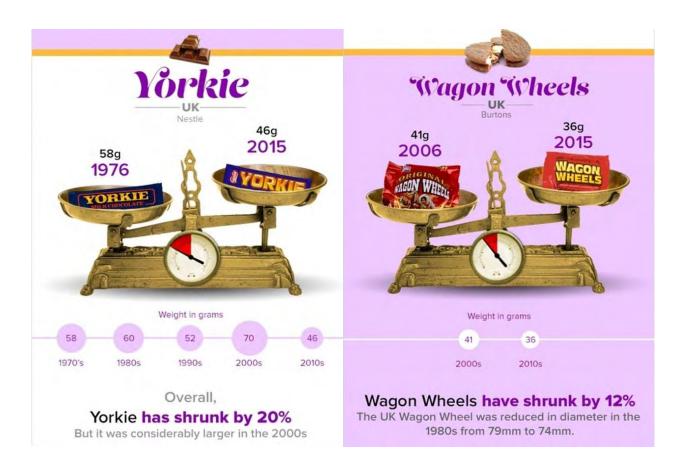
US Personal Savings Rate (%age of Disposable Assets) (2y moving Average)





Shrinkflation

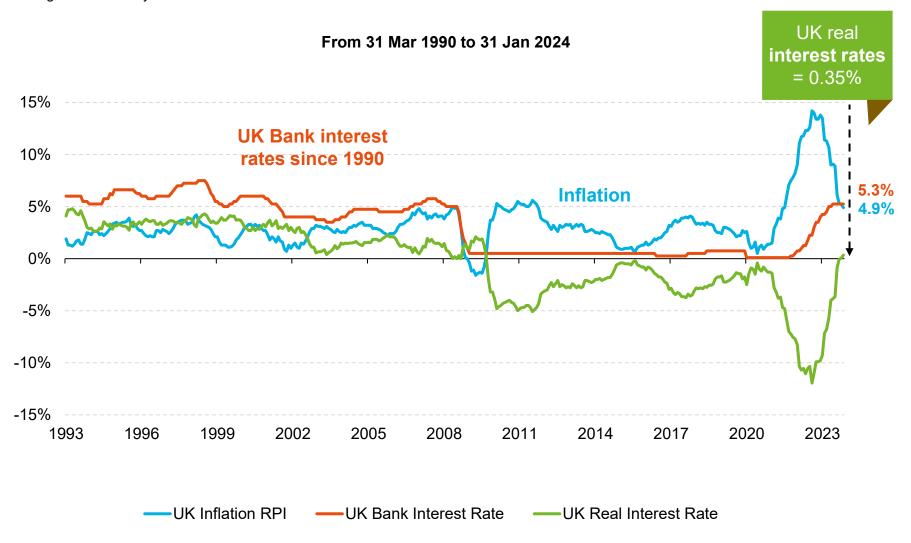


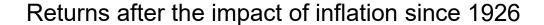


Real interest rates negative



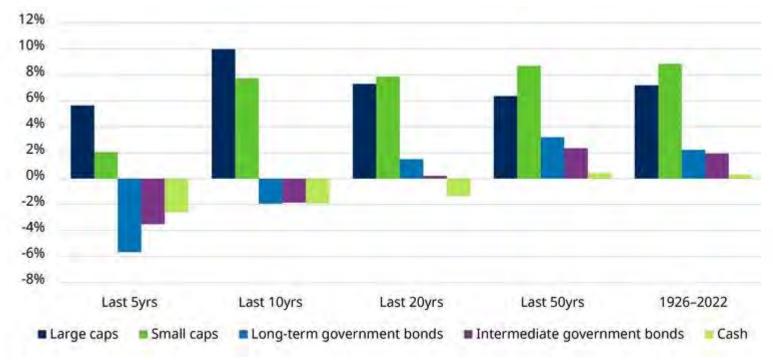
Being invested is key

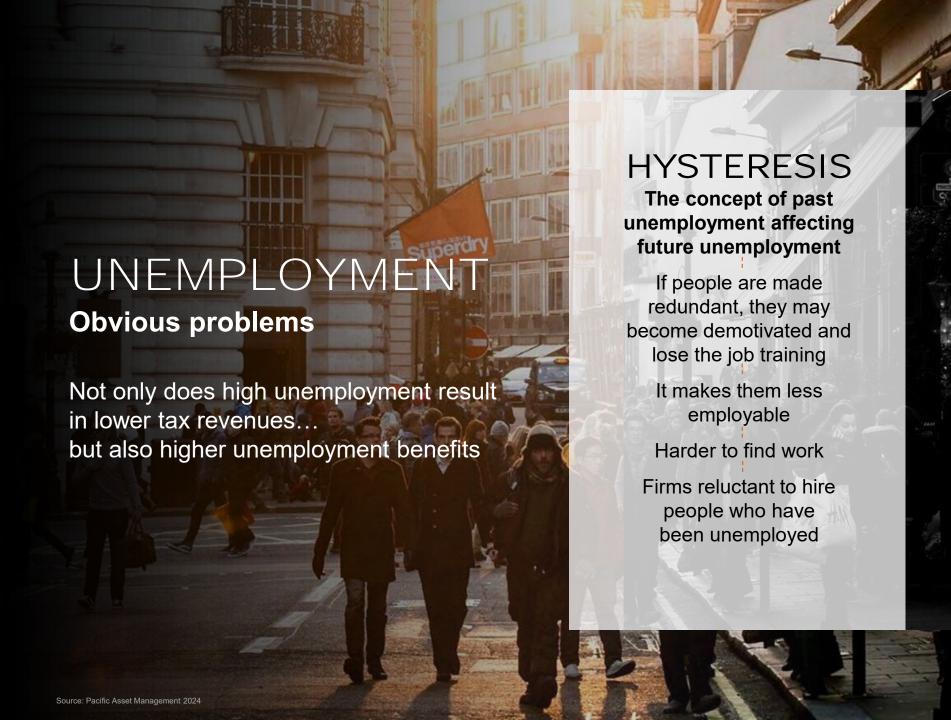










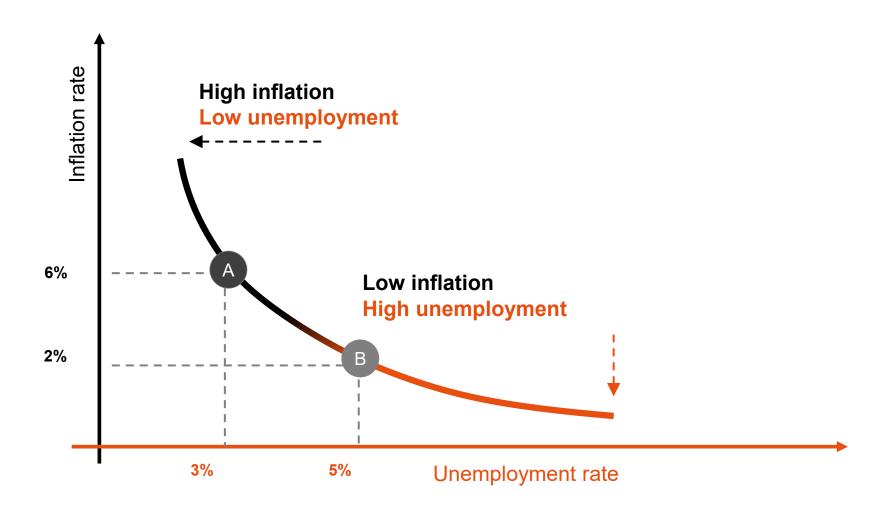




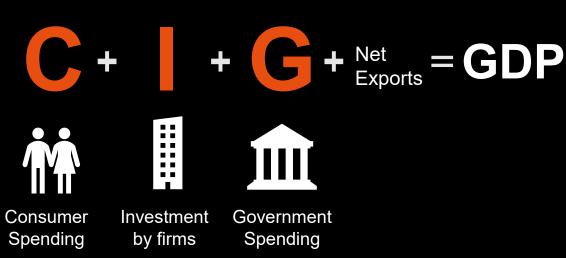
The Phillips Curve



Relationship between the level of unemployment and the rate of inflation



GROSS DOMESTIC PRODUCT **The GDP Equation**









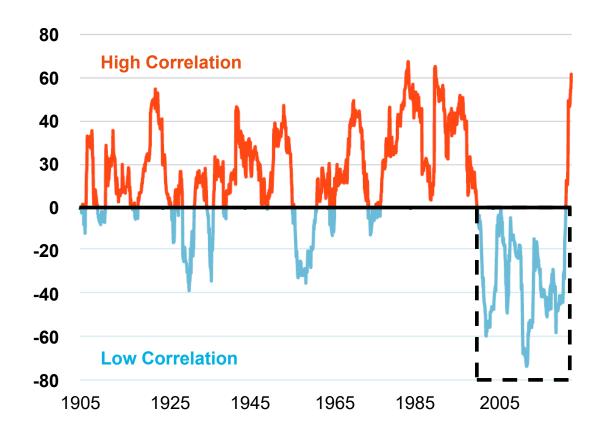
Traditional 60/40 portfolio





Bonds and Equities correlations 1903 – 2023





Bond and equity annual returns

Second worst year for US 60/40 portfolios since 1930s



Year	S&P 500	US 10yr	60/40
1930	-25.12%	4.54%	-13.26%
1931	-43.84%	-2.56%	-27.33%
1932	-8.64%	8.79%	-1.67%
1933	49.98%	1.86%	30.73%
1934	-1.19%	7.96%	2.47%
1935	46.74%	4.47%	29.83%
1936	31.94%	5.02%	21.17%
1937	-35.34%	1.38%	-20.65%
1938	29.28%	4.21%	19.25%
1939	-1.10%	4.41%	1.10%

Year	S&P 500	US 10yr	60/40
1940	-10.67%	5.40%	-4.24%
1941	-12.77%	-2.02%	-8.47%
1942	19.17%	2.29%	12.42%
1943	25.06%	2.49%	16.03%
1944	19.03%	2.58%	12.45%
1945	35.82%	3.80%	23.01%
1946	-8.43%	3.13%	-3.81%
1947	5.20%	0.92%	3.49%
1948	5.70%	1.95%	4.20%
1040	18 30%	4.66%	12.84%

Year	S&P 500	US 10yr	60/40
1950	30.81%	0.43%	18.66%
1951	23.68%	-0.30%	14.09%
1952	18.15%	2.27%	11.80%
1953	-1.21%	4.14%	0.93%
1954	52.56%	3.29%	32.85%
1955	32.60%	-1.34%	19.02%
1956	7.44%	-2.26%	3.56%
1957	-10.46%	6.80%	-3.56%
1958	43.72%	-2.10%	25.39%
1959	12.06%	-2.65%	6.18%

Year	S&P 500	US 10yr	60/40
1960	0.34%	11.64%	4.86%
1961	26.64%	2.06%	16.81%
1962	-8.81%	5.69%	-3.01%
1963	22.61%	1.68%	14.24%
1964	16.42%	3.73%	11.34%
1965	12.40%	0.72%	7.73%
1966	-9.97%	2.91%	-4.82%
1967	23.80%	-1.58%	13.65%
1968	10.81%	3.27%	7.79%
1969	-8.24%	-5.01%	-6.95%

Year	S&P 500	US 10yr	60/40
1970	3.56%	16.75%	8.84%
1971	14.22%	9.79%	12.45%
1972	18.76%	2.82%	12.38%
1973	-14.31%	3.66%	-7.12%
1974	-25.90%	1.99%	-14.74%
1975	37.00%	3.61%	23.64%
1976	23.83%	15.98%	20.69%
1977	-6.98%	1.29%	-3.67%
1978	6.51%	-0.78%	3.59%
1979	18.52%	0.67%	11.38%

Year	S&P 500	US 10yr	60/40
1980	31.74%	-2.99%	17.85%
1981	-4.70%	8.20%	0.46%
1982	20.42%	32.81%	25.38%
1983	22.34%	3.20%	14.68%
1984	6.15%	13.73%	9.18%
1985	31.24%	25.71%	29.03%
1986	18.49%	24.28%	20.81%
1987	5.81%	-4.96%	1.50%
1988	16.54%	8.22%	13.21%
1989	31,48%	17.69%	25.96%

Year	S&P 500	US 10yr	60/40
1990	-3.06%	6.24%	0.66%
1991	30.23%	15.00%	24.14%
1992	7.49%	9.36%	8.24%
1993	9.97%	14.21%	11.67%
1994	1.33%	-8.04%	-2.42%
1995	37.20%	23.48%	31.71%
1996	22.68%	1.43%	14.18%
1997	33.10%	9.94%	23.84%
1998	28.34%	14.92%	22.97%
1999	20.89%	-8.25%	9.23%

Year	S&P 500	US 10yr	60/40
2000	-9.03%	16.66%	1.25%
2001	-11.85%	5.57%	-4.88%
2002	-21.97%	15.12%	-7.13%
2003	28.36%	0.38%	17.17%
2004	10.74%	4.49%	8.24%
2005	4.83%	2.87%	4.05%
2006	15.61%	1.96%	10.15%
2007	5.48%	10.21%	7.37%
2008	-36.55%	20.10%	-13.89%
2009	25.94%	-11.12%	11.12%

Year	S&P 500	US 10yr	60/40
2010	14.82%	8.46%	12.28%
2011	2.10%	16.04%	7.68%
2012	15.89%	2.97%	10.72%
2013	32.15%	-9.10%	15.65%
2014	13.52%	10.75%	12.41%
2015	1.38%	1.28%	1.34%
2016	11.77%	0.69%	7.34%
2017	21.61%	2.80%	14.09%
2018	-4.23%	-0.02%	-2.55%
2019	31.21%	9.64%	22.58%

Year	S&P 500	US 10yr	60/40
2020	18.02%	11.33%	15.34%
2021	28.47%	-4.42%	15.31%
2022	-23.87%	-16.70%	-21.00%



Best and worst performing assets each year since 2008



Everyone aims to invest in the top-performing asset class annually. However, predicting the best performer consistently proves challenging for most.

Asset classes – Ranked by Annual PERFORMANCE in GBP

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Global Equities	28%	61%	25%	17%	23%	21%	23%	6%	33%	25%	1%	22%	15%	28%	1%	16%	Best performance
Emerging Market Equities	12%	57%	23%	8%	19%	20%	15%	3%	31%	13%	1%	19%	13%	20%	1%	13%	assets classes
UK Equities	8%	30%	20%	7%	18%	12%	12%	2%	29%	13%	1%	18%	9%	18%	0%	10%	Ī
Hedge Funds	5%	28%	17%	6%	13%	10%	11%	1%	25%	9%	0%	14%	8%	9%	0%	9%	
UK Government Bonds	-4%	25%	16%	3%	13%	7%	9%	1%	20%	8%	-1%	14%	5%	8%	-7%	8%	
Global High Yield	-12%	22%	15%	1%	12%	2%	8%	1%	17%	7%	-2%	12%	5%	2%	-9%	8%	SU
Investment Grade Bonds	-16%	22%	14%	-1%	12%	1%	8%	0%	15%	6%	-4%	11%	4%	0%	-11%	7%	Returns
Property	-18%	18%	12%	-1%	12%	0%	4%	0%	11%	5%	-4%	9%	4%	-2%	-12%	6%	Œ
Global Aggregate Bonds	-21%	11%	11%	-3%	11%	0%	4%	0%	11%	4%	-5%	8%	3%	-2%	-12%	5%	
EM Debt - Local	-27%	10%	8%	-3%	8%	-4%	3%	-1%	10%	2%	-5%	7%	0%	-2%	-15%	5%	
Cash	-29%	5%	8%	-5%	6%	-5%	1%	-1%	4%	2%	-7%	7%	0%	-3%	-18%	5%	
Balanced Portfolio	-30%	1%	5%	-7%	3%	-6%	1%	-10%	1%	2%	-9%	6%	-10%	-5%	-20%	4%	Worst
EM Debt - Hard	-37%	-1%	0%	-18%	0%	-10%	0%	-10%	0%	0%	-9%	1%	-11%	-9%	-25%	4%	performing asset classes

Source: Pacific Asset Management 2024. For illustration purposes only.

Past performance is not necessarily a guide to future performance. Performance is shown in GBP.

Indices used: MSCI ACWI Net Total Return USD Index; MSCI Emerging Net Total Return USD Index; FTSE All-Share Index Total ReturnCredit Suisse Hedge Fund Index - GBP; IBOXX Sterling Gilts Overall Total Return Index; Bloomberg Global High Yield Total Return Index Value Hedged GBP; IBOXX Sterling Non-Gilts Overall Total Return Index; FTSE EPRA NAREIT DEVELOPED Total Return Index USD; Bloomberg Global-Aggregate Total Return Index Value Hedged GBP; J.P. Morgan Government Bond Index Emerging Markets Global 10% Cap 1% Floor; PAM MPS Balanced Growth; J.P. Morgan EMBI Global Core hedged GBP

Best and worst performing assets each year since 2008



Everyone aims to invest in the top-performing asset class annually. However, predicting the best performer consistently proves challenging for most. This underscores the importance of diversification.

Asset classes - Ranked by Annual PERFORMANCE in GBP 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 **Best Global Equities** performance assets classes **Emerging Market Equities Hedge Funds UK Government Bonds Global High Yield Investment Grade Bonds Property Global Aggregate Bonds EM Debt - Local** Cash **Balanced Portfolio** Worst performing EM Debt - Hard asset classes

Source: Pacific Asset Management 2024. For illustration purposes only.

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Indices used: MSCI ACWI Net Total Return USD Index; MSCI Emerging Net Total Return USD Index; FTSE All-Share Index Total ReturnCredit Suisse Hedge Fund Index – GBP; IBOXX Sterling Gilts Overall Total Return Index; Bloomberg Global High Yield Total Return Index Value Hedged GBP; IBOXX Sterling Non-Gilts Overall Total Return Index; FTSE EPRA NAREIT DEVELOPED Total Return Index USD; Bloomberg Global-Aggregate Total Return Index Value Hedged GBP; J.P. Morgan Government Bond Index Emerging Markets Global 10% Cap 1% Floor; PAM MPS Balanced Growth; J.P. Morgan EMBI Global Core hedged GBP

Our Approach to Model Portfolios

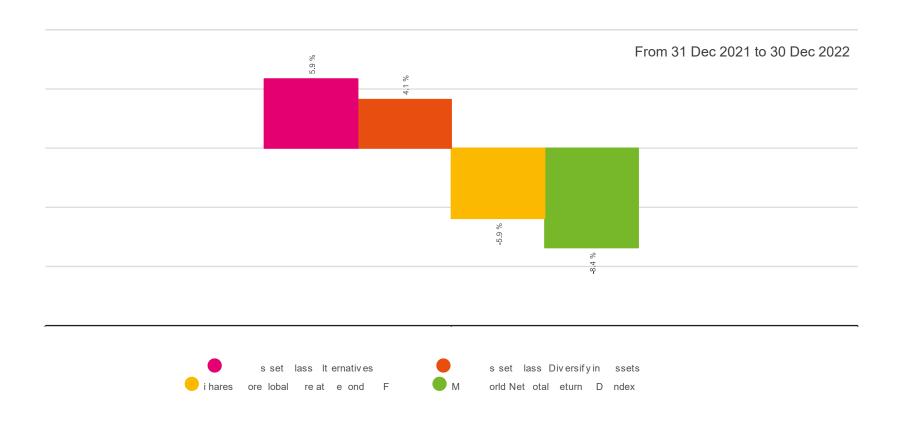




Alternatives and Diversifying Assets vs Equities and Bonds



Past performance is not necessarily a guide to future performance and is not guaranteed. Performance is shown net of fees.



Diversifying Assets and Alternatives



Diversifying Assets

- · Global Macro
- · Alternative Risk Premia
- · Systematic Trend Followers

Diversifying assets are strategies that are uncorrelated with bonds and equities.



Alternatives

- Commodities
- · Listed Real Estate
- Gold
- · Listed Private Equity

Alternative assets have low correlational to traditional asset classes such as bonds and equities.

Whilst correlated to wider economic factors, it is their low correlation to equities and bonds that gives them diversification benefits within multi asset portfolios.

How we access asset classes

ACTIVE FACTOR PASSIVE

Access type



t's not about asset classes, it's how you access those asset classes

ACTIVE

Active management, also known as active investing refers to paying an investment specialist or team to actively hand-pick investments with the goal of beating the market and minimising losses.

PASSIVE

Passive investing is the opposite of active management. Passive funds track an index or market rather than trying to beat it.

Access type



t's not about asset classes, it's how you access those asset classes

ACTIVE

Active management, also known as active investing refers to paying an investment specialist or team to actively hand-pick investments with the goal of beating the market and minimising losses.

FACTOR

A modern technique that aims to systematically recreate traditional portfolios by using low cost, exchange traded instruments.

PASSIVE

Passive investing is the opposite of active management. Passive funds track an index or market rather than trying to beat it.

What is Factor Investing?



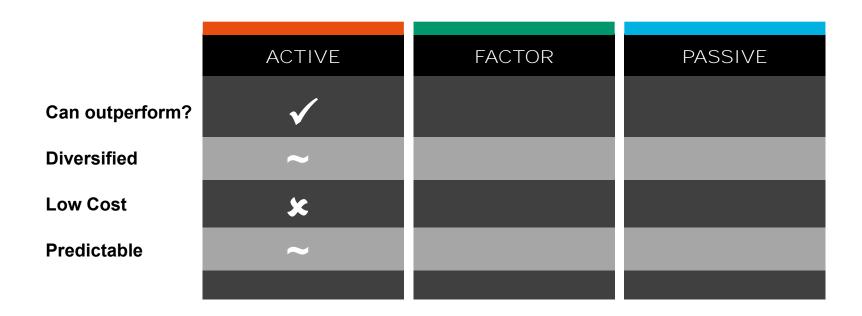
Different types of factor investing

Dividend **Value** Quality **Smallcap Equal Weight Aristocrats** Companies with Companies with Companies that Companies with Companies low valuations strong balance have continued small market weighted equally sheets and to pay dividends capitalisations rather than by consistent through the market cap earnings cycle

How we access asset classes



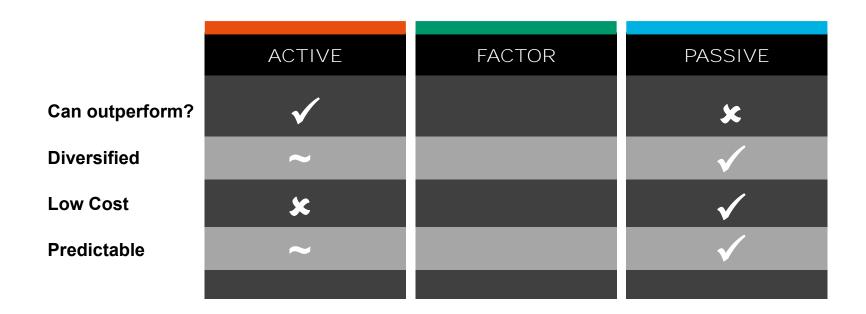
Characteristics of different access classes



How we access asset classes



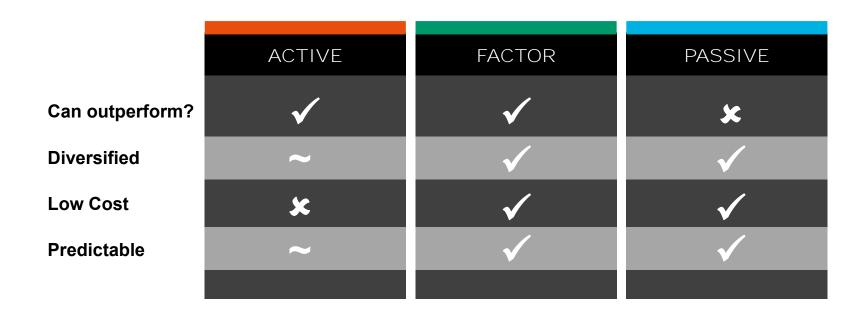
Characteristics of different access classes



How we access asset classes



Characteristics of different access classes



Fidelity conducted a study over a **10-year period.**

Looking at the client accounts that had the **best returns**.

What Fidelity discovered **surprises** most people.

Best returns belong to people who had died or people who had forgotten they had accounts!

WHY?



Not timing the market



The difficulties of trying to time the market

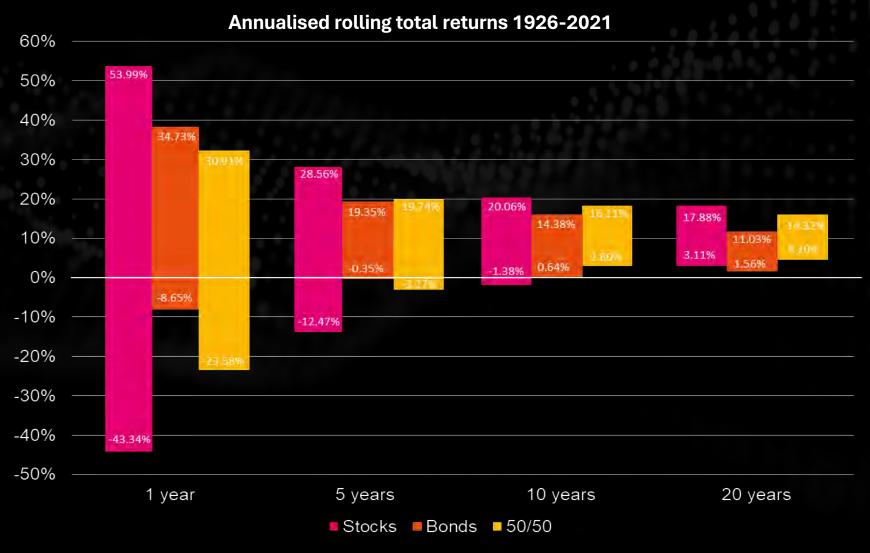
ank of merica looked at the impact of missin the market's best and worst each decade

Decade	Price Return	Excluding best 10 days per decade
1930	-42%	-79%
1940	35%	-14%
1950	257%	167%
1960	54%	14%
1970	17%	-20%
1980	227%	108%
1990	316%	186%
2000	-24%	-62%
2010	190%	95%
2020	18%	-33%
Since 1930	17,715%	28%



The Power of Staying Invested

Longevity wins over time



Source: JP Morgan, Morgan Stanley, Barclays, Bloomberg, FactSet, Federal Reserve, Robert Shiller, Strategas/Ibboston, Pacific Asset Management as at 31 January 2022.



Harnessing the power of compounding



Why consistency is key

Predictable, consistent returns increase the chances of investors staying invested and thus allowing them to participate in investment longevity and so benefit from the power of compounding.

STAYING INVESTED

In **Scenario 1** an investor's willin ness to stay invested can be tested in the first few years, which may see them sell out of investments and miss out on the strong later years of growth.

2. TIMING

t's important to also remember not everyone invests at the same time

Scenarios 2 and 3 show a five year period with better total returns than scenario 1, but clients investing in Year 4 in Scenario 2, or Year 2 in Scenario 3 would have started with much lower returns.

3. CONSISTENCY

Consistent, steady returns are proven to produce a greater total return over time. **Scenarios 4, 5 and 6** show three scenarios of lower returns than seen in earlier examples but total returns are greater. The power of negative compounding is just as strong as positive compounding. So, it is key we look to minimise the negative years.

INCONSISTENT RETURNS	Scenario 1	
Initial Investment	100,000	
Year 1	-15%	
Year 2	-10%	
Year 3	10%	
Year 4	15%	
Year 5	20%	
Total Return	116,127	

INCONSISTENT RETURNS	Scenario 2	Scenario 3	
Initial Investment	100,000	100,000	
Year 1	10%	5%	
Year 2	10%	-5%	
Year 3	10%	10%	
Year 4	10%	-10%	
Year 5	-20%	20%	
Total Return	117,128	118,503	

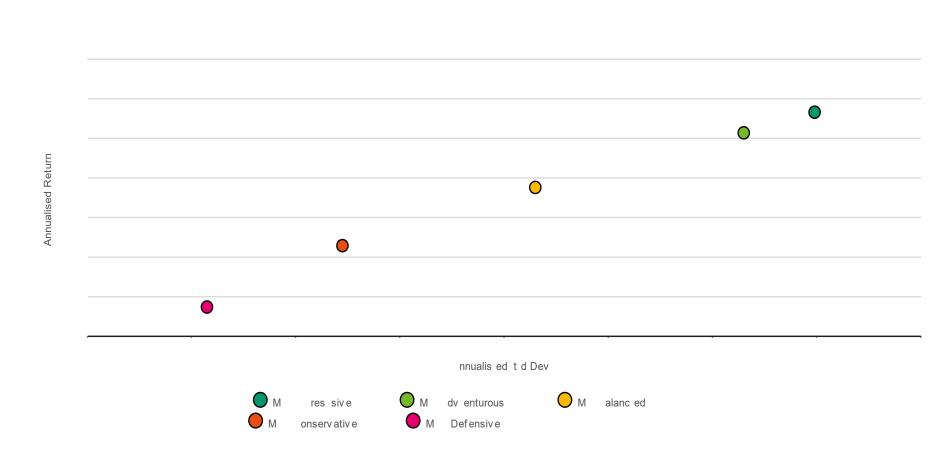
CONSISTENT RETURNS	Scenario 4	Scenario 5	Scenario 6
Initial Investment	100,000	100,000	100,000
Year 1	5%	4%	3.5%
Year 2	5%	4%	3.5%
Year 3	5%	4%	3.5%
Year 4	5%	4%	3.5%
Year 5	5%	4%	3.5%
Total Return	127,628	121,665	118,769

"Compound interest is the eighth wonder of the world. He who understands it, earns it ... he who doesn't ... pays it."
- Albert Einstein

Risk return scatter



From 31 Jan 2017 to 21 Oct 2024



Adviserlab Technology









Starting the Investment Journey

Monte Carlo Scenario Analysis - Assumptions



E6000 per year (increasing with inflation)

SOLUTION

PAM Balanced
Net return 6.69%
Standard deviation 7.97%
Adviser Fee 1%
Inflation 2%

Projections assume annual returns are normally distributed with a mean of: 6.69%, and standard deviation: 7.97%, based on the history of Balanced Growth.

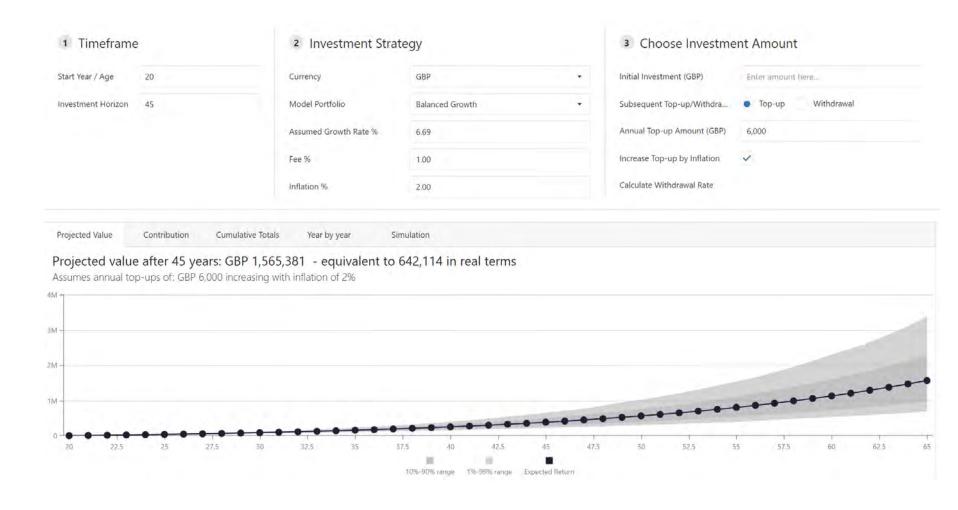
Shaded bands are based on a run of 10,000 monte-carlo simulations and show the 1st, 10th, 90th and 99th centiles of the simulations.

The Forward Looking Analysis is purely for illustration purposes and is intended to give an indication of projected future investment values which are not guaranteed. This analysis does not provide personal advice or recommendations and is intended for use by Financial Advisers and/or Financial Intermediaries only. Past performance is not necessarily a guide to future performance.

Starting the investment journey



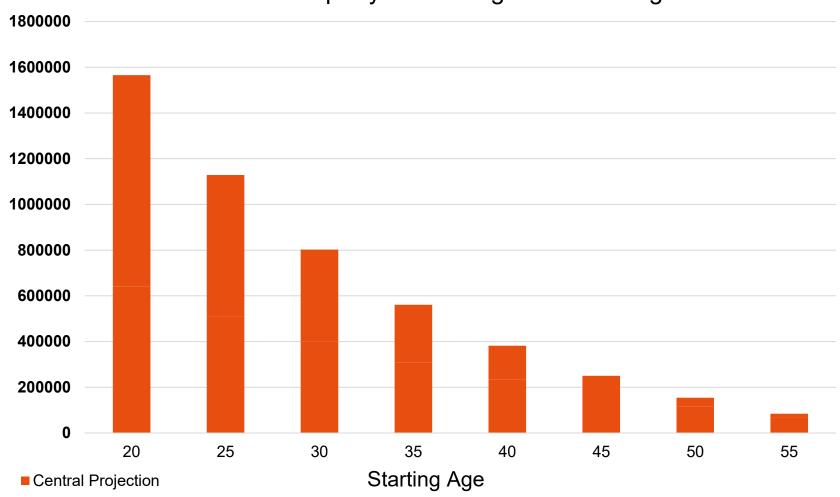
Leveraging Technology



Starting the investment journey



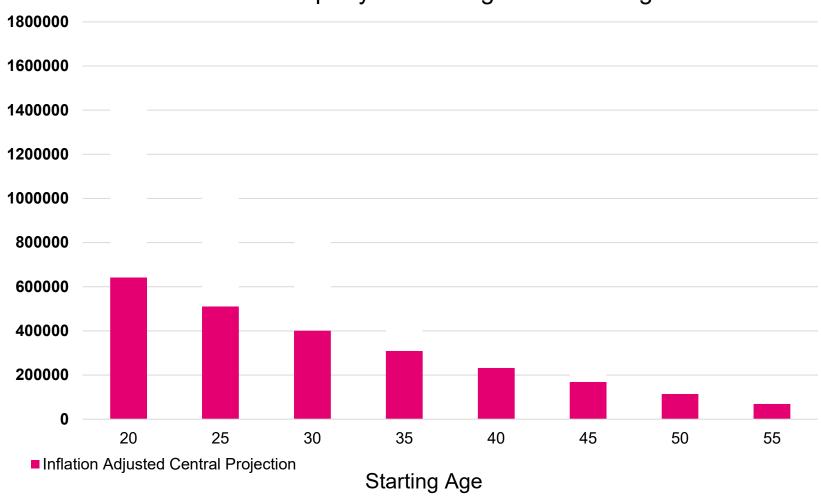
Portfolio Growth 6K investment per year starting at different ages



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Bespoke Documents

Case Study ONE

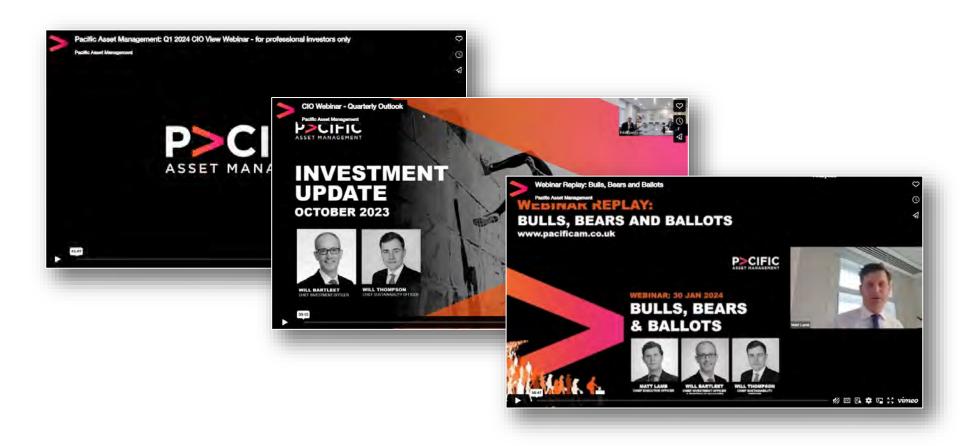




Investment team and market updates

Webinars and videos





HOW CAN WE HELP?

EDUCATIONAL RESOURCE AND COMMUNICATION

SAVING YOU TIME AND RESOURCE



Your support team





FREDDIE STREETER
Head of Multi-Asset
Solutions



BEN SEARS Partner



DAVID COCKERTON
Director



DAVID BROOKS
Director



ELLIOTT KIBBLE Associate Director



JEREMY KRAUSZ Associate Director



ADELLA HIVES Head of Client Engagement



SIMON LOWANS
Chief Marketing Officer



EMMA CHURCH Senior Marketing Manager



IVA PISKACOVA
Marketing Executive

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