THE **GLOBAL** 100 2022

How the world's largest asset managers perform across their integrated marketing communications

About Peregrine

Peregrine is a global strategic communications and marketing specialist. We have two decades of experience advising asset managers - both alternative firms as well as traditional active long-only managers.

In this time, we have had zero style drift, and still primarily advise clients within this same highly specialist space. Our industry expertise is underpinned by both our unique data-led approach to strategy and deep domain knowledge. We help firms create meaningful differentiation and strengthen their market positioning through

all aspects of marketing - one of a very few agencies able to orchestrate and deliver truly integrated campaigns within our specialist field. Bringing together corporate communications, digital, design and branding with strategic insight, we work with clients to help them meet and exceed their objectives. And do so demonstrably.

Foreword

BCG's 20th annual asset management report in 2022 was titled "Tailwinds to Turbulence" and I think that very nicely encapsulates what we in the asset management industry have been experiencing in 2022.

While we've seen big increases in the asset bases of many of the biggest fund managers – as well as smaller more specialist Alts-focused firms - the road ahead is complex, challenging and not without its risks. In the last decade C-suites and boards have been preoccupied with fee levels and profitability – and that won't go away. In our view, the next decade will see growing emphasis put on resilience, reputation and business sustainability itself.

Our message over the previous four Global 100 reports has been consistent: asset managers are facing a decade that will look and feel

very different from the last one, and they need to prepare accordingly. Obviously we could never have imagined that a global pandemic, conventional war on the European mainland and runaway inflation would reinforce the point so vividly.

For senior leaders in asset management the importance of good leadership - both internal and with wider stakeholders - has never been more apparent. And while good leadership has many facets, effective communication is among the most important, which is why we have included a special report in this year's Global 100 into

the way senior figures at the world's largest asset management firms have communicated, as well as some analysis of their personal brands.

As we look ahead to 2023 and the gears of planning and budgeting grind into motion, our watchword is controlled offense, ensuring clarity for all stakeholders about the direction of the business as well as its place in wider society.

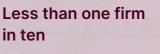
Anthony Payne

Chairman **Peregrine Communications**

Key Findings



Google Page 1 continues to be a problematic area for asset managers





have an outstanding Google Page 1 and score 8 or above for this metric

(in)

A significant factor in this is the continued failure to consider the impact of earned media on a firm's digital footprint

With that said, two-thirds

of firms continue to use Twitter as an important channel, likely less to do with its ability to reach primary audiences and more to do with its importance to other stakeholders, particularly journalists With regards to Paid Search, we found decreased activity in 2022 compared with 2021, with a

decrease in average Paid Search score



with SEO in

recent years

Whether as a function of the significant increase in content post-Covid, or of increased competition for online real estate from rival managers...

Of all the managers we assessed in this study

81,

have either no positive media coverage "sticking" to their Google Page 1...

When it comes to "virality" for asset managers, all channels are not equal. Average engagement on LinkedIn is 10 times higher than on Twitter,

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clearly showing that LinkedIn's audiences are better targeted and more likely to engage with asset managers' content

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Key Findings

Among the asset management world an outstanding website is still rare, with less than one-third

of managers scoring 8 or higher for Website Effectiveness

...only



of managers score 8 or above for outstanding SEO

...or display significant negative coverage

Executive Summary

Peregrine's Global 100 Report provides a quantitative and qualitative window into how well the top 100 asset management firms in the world, measured by assets under management (AUM), perform in their integrated marketing and communications (IMC) activities.

Collating over



data points across firms' core IMC activities, we weighed, scored and ranked each firm against their industry peers. We constantly assess and re-evaluate which IMC metrics to include and test them through our applied research.

The purpose of this report extends well beyond just ranking firms on their core strategic communications and marketing activities:



It is firstly intended to help show firms a map of where they are currently, to benchmark against a large number of peers and an even larger amount of data

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We constantly assess and re-evaluate which IMC metrics to include and test them through our applied research.

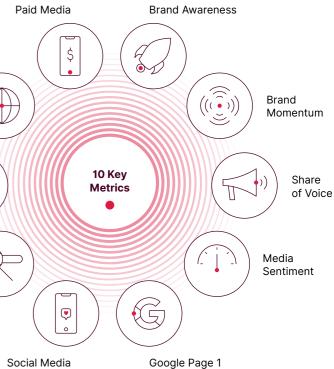
These 10 key metrics are:

Exhibit 1 PEREGRINE'S IMC METRICS

Website Effectiveness Paid \$• Search SEO



But it is also intended to provide a window into the asset management industry's trends, most useful case studies and emerging best practices



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Introduction

The world of asset management continues to work its way through a decade that promises to look very different from the decades that preceded it.

This has been a key tenet of every Global 100 Report we have published since 2018, but in the last several years we have seen events bring this narrative to the forefront of the minds not only of investors but also of main street. From the social and economic upheaval of unprecedented pandemics to conventional warfare in mainland Europe, to levels of inflation not seen since the days of Paul Volcker, events seem to have overtaken our ability to synthesize and process each successive "new normal". Inflation plus a recession that many believe will be "long and painful" have brought economic policy and the activities of financial services firms once more to the fore.¹

Through a strategic communications lens, the challenges of the last few years have presented a real opportunity to assess how asset managers' IMC performs under stress. It has also been a very powerful lens through which to look at how managers' cultures and leadership perform under pressure, to see which firms stand up and which fail to pass muster. That is why in this year's Global 100 we include a special report on which firms are demonstrating the strongest leadership on these issues through their communications.

Research Parameters

Our research analyzes the IMC performance of the 100 largest global asset management firms. These firms were selected using the following criteria:

Appearing in the top 100 of IPE's 2022 Top 500 Asset Managers Survey



Existing as a brand distinct from a parent brand already included in the research This report will address several important questions facing asset management marketers, including:

What marketing and communications patterns emerge from looking at IMC performance across the industry?

How can managers learn from the best practice case studies of those firms which truly outperform?

To what extent is a manager'sWhich areas of their marketingBrand Awareness dependent on
its size, scale and heritage?are asset managers currently
struggling with the most?

Which communications strategies generate observable, tangible results for managers?

The study focuses on Peregrine's 10 key metrics (outlined in the Executive Summary) for understanding a firm's IMC performance. These metrics are the same as those used in the previous Global 100 Reports, thus providing direct comparability between performances in 2022 and during earlier years.

¹Bloomberg.com

How are managers engaging with their digital channels and which channels will dominate in 2023?

What are the areas where managers have the opportunity to make the largest marginal gains in their IMC performance?

Where have managers' performances improved or declined since 2022?

reserved.

Results



Results

Results

In this section, the marketing performance of the world's largest asset managers is assessed right across the marketing spectrum.

This ranges from Brand Awareness and Momentum through to Effectiveness across owned assets like websites or social platforms as well as their impact in the media, both paid and earned. As managers begin planning for 2023, this analysis is intended to provide a solid foundation for CEOs, CMOs, Heads of Content, Communications Directors and other senior marketing leaders to build their strategies.

The results are analyzed here by each individual metric, meaning asset managers can assess their own (and their competitors') scores both overall and across each metric at theglobal100.com.

BRAND AWARENESS BRAND MOMENTUM SHARE OF VOICE

MEDIA SENTIMENT GOOGLE PAGE 1

SEARCH ENGINE OPTIMIZATION PAID SEARCH

WEBSITE EFFECTIVENESS BRAND AWARENESS

SHARE OF VOICE MEDIA SENTIMENT

KOARD INCOMENTATION

SOCIAL MEDIA SEARCH ENGINE OPTIMIZATION

PAID SEARCH AID MEDIA

WEBSITE EFFECTIVENESS

BRAND MOMENTUM

SHARE OF VOICE

Brand Awareness & Momentum

The cornerstone of Peregrine's diagnostic process, Brand Awareness, measures the extent of each firm's engaged audience.

This report looks at the absolute volume of Google search for each firm's brand name, comparing, weighting and scoring this against the rest of the asset managers in the study.

Brand Awareness



Brand Awareness provides a useful indication of how well a firm's marketing communications activities have generated an engaged audience through their past marketing efforts. In particular, it is essential for managers to be able to gauge where they are starting from in relation to their peers and close competitors when building marketing strategies.

When it comes to Brand Awareness, intuitively we understand that size and heritage are going to have some correlation with the number of people who are aware of and are engaging with each brand. However, the correlation is lower than people might think, and as observed in last year's Global 100, there is a distinct cohort of firms that significantly outperform their size.

This group includes a number of firms that similarly outperformed in last year's Global 100, including: Russell Investments, Baillie Gifford, KKR and Lord Abbett & Co. It also, however, includes some new faces in firms like Stifel, Vontobel Asset Management and Ares.

Interestingly, Brand Awareness is far more strongly correlated with overall IMC score, which suggests that ability to perform across the core marketing and communications channels has more impact on a firm's Brand Awareness than merely its size.

Results

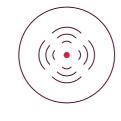
There is a distinct cohort of firms that significantly outperform their size, including a number of firms that outperformed in last year's Global 100:



and some new faces in firms like:

STIFEL Vontobel $\rightarrow \emptyset \text{ARES}$

Brand Momentum



Brand Momentum, on the other hand, assesses how well firms are able to generate "communications alpha". It tracks how well each brand is managing to grow its Brand Awareness over time. Of all the metrics included in this study, Brand Momentum is most closely aligned with "moving the needle" and provides an exceptionally useful window into how well a firm's messaging, content and distribution are resonating with real-world audiences.

In 2021, our Global 100 study found that 52% of asset managers had either stagnant or declining Brand Awareness.



In 2022, this story holds true, with 54% of managers experiencing the same negative trend. **Clearly the great** reset for asset managers is not distributing gains equally, with a smaller number of winners reaping most of the benefits.

"

While this analysis found a modest inverse correlation between Share of Voice and Media Sentiment, we see the opposite dynamic at play in the relationship between Share of Voice and Brand Awareness with a very significant correlation between the two.

Earned – Media Sentiment & Share of Voice

IMC activities.

Media Sentiment



Share of Voice



Measuring these two elements with respect to each other is important. Typically, measurement of a firm's media presence has been limited to quantity of coverage. However, this fails to capture the enduring impact of prevailing negative sentiment, particularly if a very negative article persistently shows up on Google Page 1 search results.

While this analysis found a modest inverse correlation between Share of Voice and Media Sentiment, we see the opposite dynamic at play in the relationship between Share of Voice and Brand Awareness with a very significant correlation between the two.

Clearly for those managers able to build their Share of Voice in the media, there will be benefits with regards to wider brand recognition

"

Of all the metrics included in this study, Brand Momentum is most closely aligned with "moving the needle" and provides an exceptionally useful window into how well a firm's messaging, content and distribution are resonating with real-world audiences.

Earned media in our analysis covers two crucial elements of a firm's overall

The first is Media Sentiment, which assesses the proportion of a firm's mentions in the media that are positive and negative.

The second, Share of Voice, provides valuable insight into how well each firm is able to build its profile in global tier 1 media. It is also indicative of how well a firm's campaigns resonate throughout the year and how much interest from journalists they generate.

Shared – Social Media

In this study, we measured Social Media by assessing the reach, engagement, and content quality across LinkedIn, Twitter and YouTube.

As in other years we have found a profound difference in the performance of the best firms across their social channels versus the rest. Firms with the most effective Social Media management have a social reach across LinkedIn 11 times higher than the industry average. Furthermore, the best marketed firms have a social engagement rate which is 10 times the industry average, meaning that not only do the best firms have a much higher reach, but also more impact with their audiences.

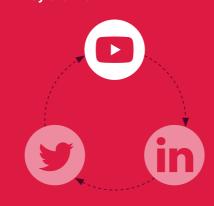
Video continues to gain prominence, with an 11% increase in the number of firms using YouTube as a key channel. Nearly three-quarters (71%) of managers now utilize YouTube to curate and share their video content.

When it comes to "virality" for asset managers, all channels are not equal. Average engagement on LinkedIn is 10 times higher than on Twitter – clearly showing that LinkedIn's audiences are better targeted and more likely to engage with asset managers' content. With that said, two-thirds (67%) of firms continue to use Twitter as an important channel, likely less to do with its ability to reach primary audiences and more to do with its importance to other stakeholders, particularly journalists.

Video continues to gain prominence, with an



increase in the number of firms using YouTube as the key channel



Nearly three-quarters



of managers now utilize YouTube to create and share their video content

Website Effectiveness



Google Page 1



SEO



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Owned – Website Effectiveness, Google Page 1 & SEO

Peregrine's Website Effectiveness metric looks at time spent on site, the average number of page views and the bounce rate of each firm in the study. A high performing website with a well thought out interface is a powerful asset, not least because a lot of managers don't have one. Best practice shows that it is an essential asset in providing a repository of their human and intellectual capital and serves as a powerful tool for driving brand perception.

Website Effectiveness.

Google Page 1 measures the amount of owned and positive third-party content that appears about a firm on the first page of Google when its brand name is searched. It also looks at website page segmentation, whether it has the correct knowledge panel on the right-hand side, the appearance of owned social channels, and crucially, whether there is any negative media coverage.

Google Page 1 continues to be a problematic area for asset managers. Less than one firm in ten (7%) have an outstanding Google Page 1 and score 8 or above for this metric. A significant factor in this is the continued failure to consider the impact of earned media on a firm's digital footprint. Of all the managers we assessed in this study, 81% have either no positive media coverage "sticking" to their Google Page 1 or display significant negative coverage. For firms like DWS which have not had the easiest time with the media in the last 18 months, this can be incredibly damaging as a firm's Google Page 1 is essentially an online corporate brochure and one that is (at least in part) written by other people.

SEO shows how well asset managers are able to drive a healthy amount of traffic to their sites from non-branded search terms, notably, from high quality and insightful content, well optimized to address their clients' core concerns.

Asset managers have continued to struggle with SEO in recent years. Whether as a function of the significant increase in content post-Covid, or of increased competition for online real estate from rival managers, only 18% of managers score 8 or above for outstanding SEO.

Among the asset management world an outstanding website is still rare, with less than one-third (29%) of managers scoring 8 or higher for

Paid – Paid Search & Media

Paid Media



Paid Media, thoughtfully deployed, can be an extraordinarily useful tool for boosting Brand Awareness and promoting firms' brands and content campaigns to new audiences. Peregrine's research into integrated Paid Media - ranking firms by their digital display ads and sponsored LinkedIn output - shows that it is an important IMC metric and one well worth considering in the context of the broader marketing picture. Of course, Paid Media is going to be an area where size of firm and marketing budget have a significant impact on how well each firm scores. While Paid Media can be an incredibly useful tool in building Brand Awareness, it is worth being clear about the fact that spend and reach are not the same as impact on Brand Awareness. Of the 22 firms who scored 8 or above for their Paid Media activity, less than half (41%) managed to actually grow their Brand Awareness in 2022.

Paid Search



in 2022 compared with 2021, with a 24% decrease in average Paid Search score.

With regards to Paid Search, we found decreased activity

Exhibit 2

BIGGEST PAID MEDIA SPENDERS

Exhibit 2 shows the total spend of the ten leading asset managers in the Paid Media category. Data is collected from four key locations globally, The US, UK, Germany, and Singapore.

Spend (\$M)



Of the 22 firms who scored 8 or above for their Paid Media Activity, less than half



managed to actually grow their Brand Awareness in 2022.

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Results

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This year we analyzed the thematic composition of asset managers' Paid Media campaigns. We found that:



A third (33%) of managers promoted ESG related content across their paid channels



A third (32%) of managers promoted product related content across their paid channels



A quarter (23%) of managers promoted big brand related campaigns across paid channels

OB Special Report

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Brand Building

Why CEOs have personal brands whether they want one or not

"I don't want it to be all

about me." The response of most CEOs to the suggestion that they front more responsibility for their corporate storytelling the limelight.

While understandable, it's our view that CEOs and others in leadership positions need to recognise two key things about the role their personal brands play within the wider corporate brand.

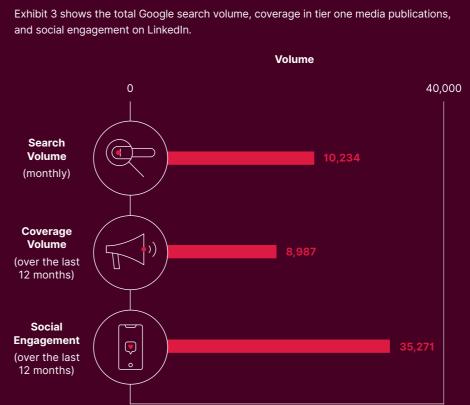
Firstly, whether senior leaders like it or not, they have a personal brand. Invisibility can speak as loudly as any press release. Furthermore, the scale of interest in asset managers' CEOs only continues to grow as the

sector experiences such a profound transition. Each year thousands of tier one articles focus on CEOs in the space, tens of thousands of social engagements and hundreds of thousands of searches specifically for their personal brands. Secondly, in a landscape where brands are increasingly expected to have a purpose, mission, vision and values, CEOs' personal stories are incredibly important, providing a human vector for the wider corporate story.

The real question isn't whether CEOs should have personal brands, it is what sort of brand they want to have. Clearly, there will be some personalities and some firms where having a low presence is entirely the correct choice, but the key is to bring intentionality to that choice and do so deliberately.

Exhibit 3

TOTAL VOLUME FOR ASSET MANAGEMENT CEOS IN G100



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Firstly, whether

personal brand.

senior leaders

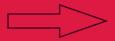
like it or not,

they have a

"

The real question isn't whether **CEOs should** have personal brands, it is what sort of brand they want to have.

Which CEOs have the strongest brands?



Which CEOs have the strongest brands

Personal brands matter.

In this report we look at how CEOs at the world's 100 largest asset management firms position We look at these senior leaders' presence and positioning over the 12 months up to April 2022. Our metrics for their presence and positioning include:

Analysis of their

personal Brand

Awareness and Brand Momentum

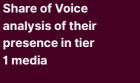
Analysis of their

Social Media

follower reach as well

as total and average

engagement across



Media Sentiment analysis, looking at the ratio of positive to negative Media Sentiment in tier 1 media

Exhibit 4

TOP 10 CEOS - SHARE OF VOICE

Exhibit 4 shows the top 10 CEOs in terms of Share of Voice.

| Name | Share of Voice | Name | Share of Voice |
|--------------------|----------------|------------------|----------------|
| Larry Fink | 10 | Mortimer Buckley | 7 |
| John Foley | 9 | Valérie Baudson | 7 |
| Stephen Schwarzman | 8 | Mark Versey | 7 |
| Stephen Bird | 8 | Marco Morelli | 7 |
| Marc Rowan | 8 | George Roberts | 7 |

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Exhibit 5

TOP 20 CEOS - TOTAL IMC SCORE

Exhibit 5 shows the top 20 CEOs in terms of Total IMC score.

| Name | Total IMC Score | Name |
|--------------------|-----------------|-------------------------|
| Stephen Schwarzman | 43 | George Roberts |
| Mortimer Buckley | 39 | Yie-Hsin Hung |
| Larry Fink | 37 | Bruce Flatt |
| Valérie Baudson | 34 | Zeno Staub |
| Ben Way | 32 | Michelle Seitz |
| Julian Salisbury | 31 | Stephen Bird |
| Mark Versey | 30 | Martine Ferland |
| Jose Minaya | 30 | Hanneke Smits |
| Marco Morelli | 30 | David Hunt |
| Jean Hynes | 29 | Alessandro Melzi D'Eril |
| | | |

Exhibit 6

TOP 10 CEOS - SOCIAL MEDIA

Exhibit 6 shows the top 10 CEOs in terms of Social Media.

| Name | Social Media | Name | Social Media |
|--------------------|--------------|------------------|--------------|
| Larry Fink | 10 | David Hunt | 8 |
| Stephen Schwarzman | 9 | Thomas Shundrawn | 8 |
| Ben Way | 9 | Mortimer Buckley | 7 |
| Julian Salisbury | 9 | Nicolas Moreau | 7 |
| Valérie Baudson | 8 | Hanneke Smits | 7 |

Exhibit 7

TOP 10 CEOS - BRAND AWARENESS

Exhibit 7 shows the top 10 CEOs in terms of Brand Awareness.

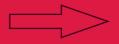
| Name | Brand Awareness | Name | Brand Awareness |
|--------------------|-----------------|------------------|-----------------|
| Larry Fink | 10 | Peter Harrison | 8 |
| Mortimer Buckley | 9 | Ben Way | 7 |
| Marc Rowan | 9 | Jean Hynes | 7 |
| Stephen Schwarzman | 8 | Abigail Johnson | 7 |
| George Walker | 8 | George R Roberts | 7 |

"I don't want it to be all about me."

"

The response of most CEOs to the suggestion that they front more responsibility for their corporate storytelling is to shy away from the limelight.

Risk v Reward: How to thread the needle



| Total IMC Score |
|-----------------|
| 28 |
| 27 |
| 26 |
| 26 |
| 26 |
| 26 |
| 25 |
| 25 |
| 25 |
| 25 |
| |

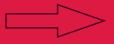
| S | ocial | Media |
|---|-------|-------|
| | | |

Risk v Reward: How to thread the needle

Awareness there are always trade offs. Too much exposure can lead to extra scrutiny.

When it comes to advocating increasing exposure of asset management CEOs we argue for authenticity delivered as part of a 'controlled offence'. Because while the potential for an outsized impact of a CEO's communications can be highly positive for brand perception, it can be equally destructive if it fails to translate to reality.

> Social Media vs **Media Sentiment**

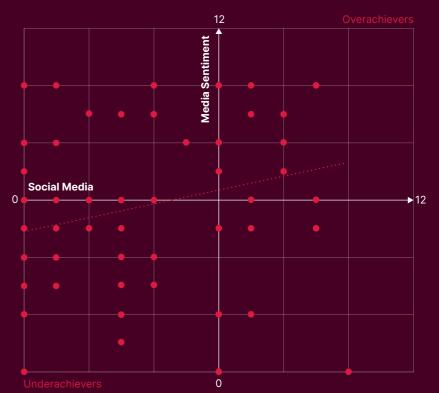


"

When it comes to advocating asset management **CEOs one way** or the other, the question is what do the data show about the risks and rewards of one approach versus another.

Exhibit 8

Exhibit 8 shows the correlation between CEOs Social Media presence and Media Sentiment. The results from this study suggest that CEOs with a stronger presence on LinkedIn tend to have a more positive Media Sentiment.



SOCIAL MEDIA VS MEDIA SENTIMENT



04 Conclusion



Conclusion

The asset management industry has historically been very light on data points that offer any real insight or guidance into how the industry as a whole is performing in terms of its brand, marketing and communications activity.

This is why Peregrine regularly publishes research providing actionable insight on the world's largest asset managers, ESG and responsible investing, and alternatives. It is also why we focus on how well firms are building their brands and communicating their edge.

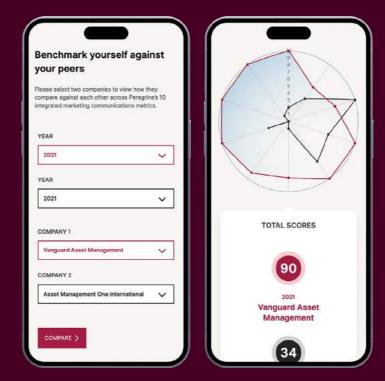
This year's Global 100 Report into the world's largest asset managers continues Peregrine's work to provide CMOs, Heads of Content, Communications Directors and other marketing leaders with information that allows them to benchmark their performance with other managers, particularly critical during the budgeting and planning season for 2023.

"

Peregrine regularly publishes research providing actionable insight on the world's largest asset managers, ESG and responsible investing, and alternatives.

Exhibit 9

ONLINE COMPETITOR COMPARISON TOOL



Since 2019, we have also provided an online competitor comparison tool allowing managers to directly compare themselves with their peers across each metric in the report.

The popularity of this has been such that in the last year the tool has received

uses from managers right across the spectrum with respect to AUM, investment focus and heritage.

This year's comparison tool should prove even more interesting for managers. They will be able to use the tool to compare their performance with last year as well as with their nearest competitors, spotlighting where they have improved and where their competitors may have stolen a march.

Research and data are even more critical, as the industry approaches a planning season that will be shrouded in almost unprecedented uncertainty. It is our hope that this Global 100 Report will be of real value to managers as they begin road mapping how to navigate what looks set to be a complex and challenging decade ahead.



05 Appendices

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Global 100 IMC Ranking

Exhibit 10

IMC RANKING

| 2022 | 2021 | Name | Total/100 | 2022 | 2021 | Name | Total/100 |
|------|------|----------------------------------|-----------|--------|------|---------------------------------------|-----------|
| 1 | 1 | Vanguard Asset Management | 89 | = | 22 | Janus Henderson Investors | 65 |
| 2 | 1 | Fidelity Investments | 84 | 27 | 13 | SEI Investments | 64 |
| = | 7 | BlackRock | 84 | = | 51 | RBC Global Asset Management | 64 |
| 4 | 5 | Invesco | 78 | 29 | 22 | AllianceBernstein | 63 |
| 5 | 3 | T. Rowe Price | 75 | | 22 | Goldman Sachs Asset Management (Int.) | 63 |
| 6 | 10 | State Street Global Advisors | 73 | = | 38 | Legal & General Investment Management | 63 |
| 7 | 8 | Capital Group | 72 | 32 | 22 | Natixis Investment Managers | 62 |
| = | 18 | Nuveen | 72 | = | 65 | Apollo Global Management | 62 |
| 9 | 13 | Schroders | 71 | 34 | 10 | Russell Investments | 61 |
| = | 32 | Blackstone | 71 | = | 38 | Federated Hermes | 61 |
| 11 | 9 | BNY Mellon Investment Management | 69 | = | 65 | Union Investment | 61 |
| = | 17 | DekaBank | 69 | 37 | 13 | Allspring Global Investments | 60 |
| 13 | 18 | Abrdn | 68 | =/ | 18 | M&G Investment Management | 60 |
| = | 36 | Voya Investment Management | 68 | = | 26 | Allianz Global Investors | 60 |
| 15 | 5 | PGIM | 67 | 40 | 51 | UBS Asset Management | 59 |
| = | 12 | Franklin Templeton | 67 | | | Ares Management | 59 |
| = 4 | 26 | Neuberger Berman | 67 | 42 | 42 | TD Asset Management | 58 |
| = | 32 | Amundi | 67 | = | 44 | Stifel | 58 |
| = | 40 | Vontobel | 67 | | 68 | Dimensional Fund Advisors | 58 |
| = | 56 | Pictet Asset Management | 67 | 45 | 13 | Morgan Stanley Investment Management | 57 |
| 21 | 31 | Wellington Management Int. | 66 | = | 42 | NN Investment Partners | 57 |
| = | 32 | Aviva Investors | 66 | 47 | 44 | Baillie Gifford & Co. | 56 |
| | 44 | BNP Paribas Asset Management | 66 | 48 | 26 | MFS Investment Management | 55 |
| 24 | 4 | РІМСО | 65 | = | 68 | Swiss Life Asset Managers | 55 |
| = | 18 | J.P. Morgan Asset Management | 65 | AN - S | 68 | Brookfield Asset Management | 55 |

| 2022 | 2021 | Name | Total/100 |
|------|------|--|------------|
| 51 | 40 | Mercer Investments | 54 |
| = | 44 | AXA Investment Managers | 54 |
| = * | 56 | MetLife Investment Management | 54 |
| = | 61 | Macquarie Asset Management | 54 |
| = | 75 | Aegon Asset Management | 54 |
| 56 | 36 | Northern Trust Asset Management | 53 |
| = | 56 | Eastspring Investments Singapore | 53 |
| = | 78 | MUFG Asset Management | 53 |
| 59 | 26 | Manulife Investment Management | 51 |
| = | 26 | New York Life Investments | 51 |
| = | 53 | Lord, Abbett & Co. | 51 |
| = | 65 | Barings | 51 |
| 63 | 44 | DWS Group | 50 |
| = | 68 | The Carlyle Group | 50 |
| = | 68 | Caisse de Dépôt et Placement du Québec | 50 |
| = | 81 | HSBC Global Asset Management | 50 |
| = | 87 | Nordea Asset Management | 50 |
| 68 | 53 | Kohlberg Kravis Roberts & Co | 49 |
| () = | 77 | APG Asset Management | 48 |
| = | 92 | SLC Management | 48 |
| 71 | 60 | Generali Investments | 47 |
| = | 76 | Credit Suisse Asset Management | 47 |
| - | 61 | Columbia Threadneedle Investments | 47 |
| 74 | 59 | Nikko Asset Management | 46 |
| 75 | 53 | Guggenheim Investments | 45 |
| | - | | The second |

Appendices

| 2022 | 2021 | Name | Total/100 |
|------|------|--|-----------|
| = | 84 | Sumitomo Mitsui Trust Asset Management | 45 |
| 77 | 32 | Charles Schwab Investment Management | 44 |
| = | 61 | Principal Global Investors | 44 |
| = | - | CITIC Securities Co. | 44 |
| 80 | 79 | Eurizon Asset Management | 43 |
| = | - | NISA Investment Advisors | 43 |
| 82 | 91 | MEAG | 42 |
| 83 | 73 | SEB Investments | 41 |
| = | 81 | PGGM | 41 |
| = | 81 | Nomura Asset Management Co. | 41 |
| 86 | 86 | Affiliated Managers Group | 38 |
| 87 | 79 | Dodge & Cox | 37 |
| 88 | 87 | E Fund Management Co. | 36 |
| = | 100 | CMB Wealth Management Co. | 36 |
| 90 | 90 | Ping An Asset Management Co. | 35 |
| = | 98 | Taikang Asset Management Co. | 35 |
| 92 | | Nissay Asset Management | 33 |
| = | 95 | Bosera Asset Management Co. | 32 |
| = | 96 | ICBC Wealth Management Co. | 32 |
| = | 99 | China Life Asset Management Co. | 32 |
| = | | ABC Wealth Management Co. | 32 |
| 97 | 97 | Geode Capital Management | 29 |
| 7= | | CCB Wealth Management Co. | 29 |
| 99 | 87 | China Asset Management Co. | 27 |
| 100 | 93 | Asset Management One Int. | 26 |

Outperformers Ranking

Exhibit 11

TOP 20 OUTPERFORMERS

| Rank | K Name | | |
|------|----------------------------------|--|--|
| 1 | Voya Investment Management | | |
| 2 | Vontobel | | |
| 7- | Pictet Asset Management | | |
| 4 | DekaBank | | |
| 5 | Aviva Investors | | |
| 6 | Russell Investments | | |
| 7 | Ares Management | | |
| 8 | Neuberger Berman | | |
| 9 | SEI Investments | | |
| = | Eastspring Investments Singapore | | |
| 11 | Janus Henderson Investors | | |
| 7-1 | Swiss Life Asset Managers | | |
| 13 | Abrdn | | |
| = | NN Investment Partners | | |
| 15 | RBC Global Asset Management | | |
| 16 | M&G Investment Management | | |
| = | Apollo Global Management | | |
| = | The Carlyle Group | | |
| = | SLC Management | | |
| 20 | Stifel | | |
| | I A. I. M. M. A.S. | | |

Brand Awareness



Brand Momentum



Methodology

To formulate our Brand Awareness score we utilized the average monthly search volume of each brand. Each firm's score was then weighted against all the other firms analyzed in the study. Firms were evaluated against the most natural, frequently used search terms that their users choose to find them. Care had to be taken in order to differentiate between already large brands and their investment and asset management arms. Although some of these firms may receive additional in-bound search interest through their parent brands, a decision was made to focus purely on the direct search volumes for the specific asset management brand.

financial malfeasance.

This report focuses on a research group made up of the largest global asset management firms as ranked by AUM.

The firms selected were the top 100 independent brands in IPE's Top 500 Asset Managers survey. Firms that are owned or operated by a parent brand already included in the research group were excluded from the analysis. The group is scored, ranked and analyzed from a dataset of over 12,000 data points collected between July and September 2022. It builds on the 24,000 data points already collated by Peregrine between 2019 and 2021. The firms' overall scores are made up of their scores across ten distinct IMC categories.

Brand Momentum as a metric is intended to show how well each firm is "cutting through" – i.e. increasing the amount of engaged interest it receives over time. While Brand Awareness looks at the absolute volume of Google search for each brand, Brand Momentum assesses the change in search volumes and its increase or decrease over the study period in question. These results are then weighted against all the other scores in the "index" to ensure a meaningful benchmark. Safeguards were also put in place to ensure that no firm would achieve a high score for increasing its Google search volumes as a result of negative news-flow, e.g. a major scandal, sacking of a CEO or

Paid Search



Paid Search scores firms based on the amount of estimated traffic generated through their Paid Search campaign. These estimated Paid Search volumes were then compared against the rest of the research group and assigned a score relative to their performance. A number of firms had no evident paid strategy and their scores reflect that fact.

Paid Media



The **Paid Media** metric was created to analyze the extent to which firms were deploying a paid advertising strategy. The results were generated from data collected into each firm's volume of recent digital Paid Media (gathered using Peregrine's ad-tracking tool) as well as tracking "LinkedIn Sponsored Ads". Firms with paid advertising were scored on a sliding scale dependent on the click-through of those ads, with additional points being awarded for those with a LinkedIn ads campaign to create a score out of 10.

Website Effectiveness

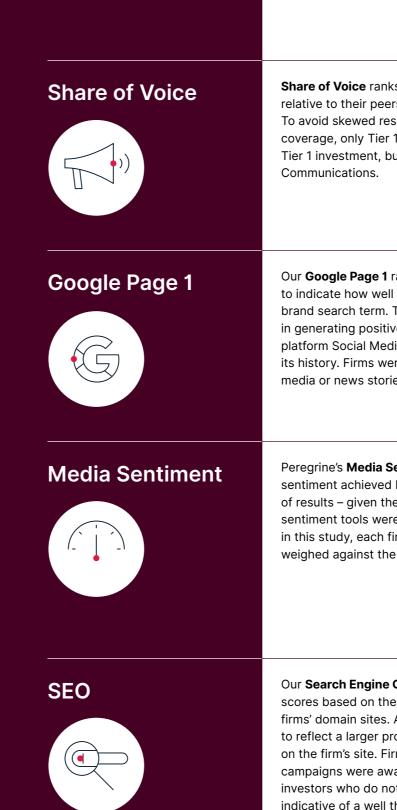
Website Effectiveness is a composite score assessing a firm's website and its ability to retain viewers and successfully direct investors to areas of interest specific to them. Points were awarded for average page views, average time spent on site and the "bounce rate" at which viewers navigate away from the site having viewed only one page. Points in these three categories were then combined for an overall Website Effectiveness score out of 10.

Social Media



To tabulate each firm's **Social Media** score across each of the key platforms – LinkedIn, Twitter and YouTube – our framework was created to consider individual core aspects of each firm's performance for reach, engagement, frequency of posting and quality of content. The metric was designed to take into account both firms' output as well as their outcomes. The most successful firms had engaging, thoughtful and educational posts that were shared regularly to a large, responsive audience.

Bands were created to award points based on the number of followers, subscribers, average views and average engagements to award a score for each platform – before combining these and awarding a final additional score for presence on all three Social Media platforms.



Share of Voice ranks firms by how much Tier 1 media coverage they achieved relative to their peers in the rest of the industry over the last twelve months. To avoid skewed results from the inclusion of low value and 'clickbait' media coverage, only Tier 1 coverage was measured, taken from a proprietary global Tier 1 investment, business and national media list produced by Peregrine

Our **Google Page 1** ranking was scored against a number of criteria designed to indicate how well a firm "owned" the first page of a Google search for its brand search term. This score assesses how well each firm has succeeded in generating positive news stories, an optimized website breakdown, multiplatform Social Media profiles and a side panel further detailing the firm and its history. Firms were penalized significantly for the presence of any negative media or news stories on their Google Page 1s.

Peregrine's **Media Sentiment** metric assesses the ratio of positive to negative sentiment achieved by each firm in its media coverage. To ensure robustness of results – given the idiosyncrasies of sentiment analysis tools – multiple sentiment tools were used, and scores aggregated. As with other metrics in this study, each firm's ratio of positive to negative Media Sentiment was weighed against the rest of the group and scored accordingly.

Our **Search Engine Optimization (SEO)** score was awarded through banding scores based on the percentage of "non-branded" search traffic directed to firms' domain sites. A higher percentage was rewarded with a higher score to reflect a larger proportion of unbranded keyword searches leading to hits on the firm's site. Firms with a greater degree of sophistication in their SEO campaigns were awarded with a higher score due to their ability to attract investors who do not directly reference their brand when searching for them – indicative of a well thought out keyword search strategy and with content that engages well with target audiences.

References

Long, Moderate and Painful: What Next US Recession May Look Like bloomberg.com/news/articles/2022-07-03/long-moderate-and-painful-whatnext-us-recession-may-look-like?sref=wghiuNdZ

Other Peregrine Reports

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How leading asset managers communicate their roles in creating a more sustainable future through ESG and impact investing

The Alts Report 2022

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