

ACTIVATING OUR BRAND

2023 BRAND GUIDELINES ADDENDUM

UPDATED: 05/2023

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STRATEGIC FOUNDATION

POSITIONING

Establish PGIM as a premier, active, global investment manager across a broad range of public and private asset classes.

PGIM's strong performance is driven by deep asset-class expertise, combined with the scale of a global Top 10 asset manager

DEPTH



SCALE

Highlight the depth of expertise and focused experience in asset classes, which underpin our clients' needs.

Highlight the distinct advantages in reach and resources of a Top 10 asset manager.

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BRAND PLATFORM



THE PURSUIT OF OUTPERFORMANCE

The Pursuit of Outperformance acts as a unifying internal and external brand platform for PGIM center and all affiliates, reflecting the long-term vision for the business. The Pursuit of Outperformance highlights PGIM's ongoing commitment to outserve our clients and help them achieve their investing goals.

Outperformance by definition is active, not passive. Whether you're an investor, financial advisor, business professional or athlete, outperformance demands commitment, discipline, focus, skill and experience.

Outperformance is the act of consistently producing better results in a particular situation than others have done. As market conditions fluctuate, our focus may shift more towards "The Pursuit" versus the actual "Outperformance".

VOICE PRINCIPLES

BE BOLD

PGIM speaks from a position of strength, born of conviction and credibility. We think in terms of actions in order to bring a forward-looking perspective.

PGIM is simple but sophisticated. Our vocabulary is bold. Clear. Distinctive.

In copy, we avoid jargon, clichés and polysyllabic phrases. We create colorful word pictures:

A name built for decades, not quarters.

A steady hand in a volatile world.

Actively seeking Alpha.

The Pursuit Is On.

BE BRIEF

PGIM headlines are short, punchy, provocative. We stand out, smartly.

Copy is short and to the (key) point.

Proof points and results are highlighted. Ads are scannable and persuasive.

BE A LEADER

Every message reinforces the perception of PGIM as a leading, active, global asset manager. The tone is authentic and confident but never arrogant.

PGIM is a trusted partner, helping clients meet their most demanding investment challenges.

We take a long view of the markets and the investment opportunities that they offer.

DESIGN PRINCIPLES

Bringing our stature to life through visuals that are:

ACTIVE

SIMPLE & SOPHISTICATED

FORWARD-LOOKING

Activate our brand through a sense of motion and dynamism

Bold, expressive use of typography

Elevate key ideas to make content scannable and actionable

Less is more – create focus and visual impact

Generous use of white space to balance core blues

Reinforce the Ascent as a signature expression cue, our symbol of 'pursuit'

Imagery that conveys a strong perspective

Vibrant accent colors to modernize and energize

A UNIFYING METAPHOR: HORIZON

The horizon is an overarching metaphor that inspires and connects our expression and how it interacts, moves and comes to life visually.

The horizon is the endless continuum that we scan to find opportunity for our clients. As active investors, the horizon is a metaphor for potential just as it is also the place where we do the work of outthinking, outworking and outperforming. The horizon is the conceptual anchor to an infinite number of uses.

Starting with a logo that rises assertively in pursuit, our identity uses linear momentum to scale for any application or platform, whether motion, digital, print or events. Scan the world, and you will never lack a horizon. It captures our pursuit of outperformance.



LogoSymbol looks out to the horizon as it meets the Rock.

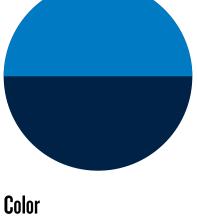


Imagery
Rooted in a unique "perspective",
direct from the eye of the person
looking out, the experience is
forward movement.

OUTPERFORMANCE OVER THE LONG TERM

Typography

Uppercase typesetting establishes a strong, linear ground for ideas.



Two-tone color creates a foreground and background.



Motion

Content activates from the ground up, balancing stability with strong forward momentum.

EXPRESSION

TOOLKIT OVERVIEW

These eight elements are the core components of our visual system:

LOGO



ASCENT



SIGNATURE LINE



TYPOGRAPHY



COLOR



IMAGERY

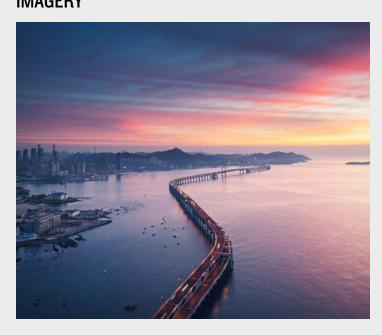
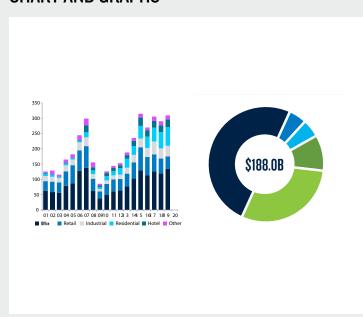


CHART AND GRAPHS



ICONOGRAPHY



LOGO

OUR LOGO

The PGIM logo without the attribution line is for globally targeted communications.



Our logo is available in navy, white or black.





OUR LOGO WITH THE ATTRIBUTION LINE

The PGIM logo locked up with the attribution line does not replace the main PGIM logo. Its usage is for establishing external awareness in new markets or with audiences unfamiliar with PGIM.



Attribution line

CONFIGURATIONS

The attribution line should never be repositioned.



MINIMUM SIZE

The logo should never be smaller than these sizes.



AFFILIATE LOGOS

The following logos have been approved for use:

HORIZONTAL VERSION

Use this version whenever possible.















JENNISON ASSOCIATES

VERTICAL VERSION

Use this version when there is limited horizontal space.













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KEEPING OUR LOGO LEGIBLE

CLEAR SPACE

Illustrated below is the minimum amount of clear space, but more clear space is always better.







MINIMUM SIZE

Our logo should never be smaller than these sizes.

Digital: 35px Print: 0.3″

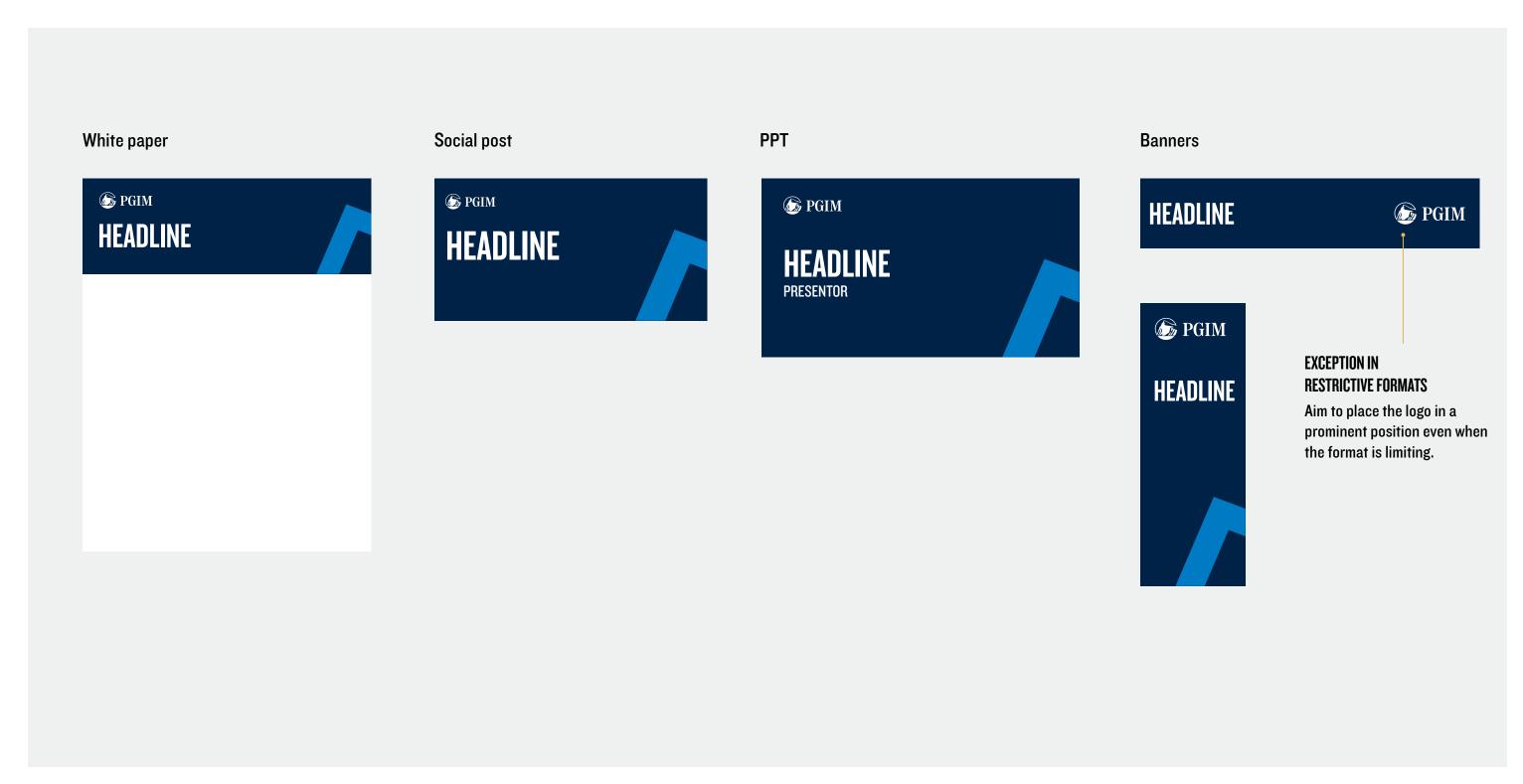


Digital: 72px Print Height: I″



LOGO PLACEMENT

We place the logo in an upper corner, whenever feasible, to reinforce our leading position.



LOGO USAGE

Ensure that our logo has the most impact in key areas.

PGIM LOGO

- This is our primary brand logo
- For general external and internal use
- When in doubt, use this main logo.



PGIM LOGO WITH ATTRIBUTION LINE

- For external use only.
- For use to reinforce awareness of our business in new markets or with audiences unfamiliar with PGIM brand.
- For use in external communications including advertising, sponsorships and events.



ASCENT

OVERVIEW

The Ascent, our signature cue, symbolizes the Pursuit of Outperformance and acts as a director to the future.



Convey movement and an upward trajectory through Ascent color shifts.





While reinforcing a core Ascent form, a range of visual treatments provides flexibility and sophistication to adapt across materials.



Apply the Ascent with purpose, placing it with prominence and in a leading position, clear of competing elements.

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ASCENT TREATMENTS

Four visual treatments ensure that our Ascent can be applied with impact and remain a fresh and vital cue.



Solid color

Our core Ascent provides a simple and sophisticated look across imagery and on color backgrounds.

Note: Dynamic Ascents are displayed only in solid color.



Color shift

A color shift creates a "speedify" quality, conveying a sense of forward movement.



Dimensional

Depth creates subtle yet confident visual interest when paired with other leading elements (e.g., messaging). The Ascent and background color are linked together and should not be seperated from each other or used on top of images or on different background colors.



Shadow

A shadow enhances the solid color Ascent, providing a subtle lift that echoes the campaign video shadow.

ASCENT: COLOR SHIFT

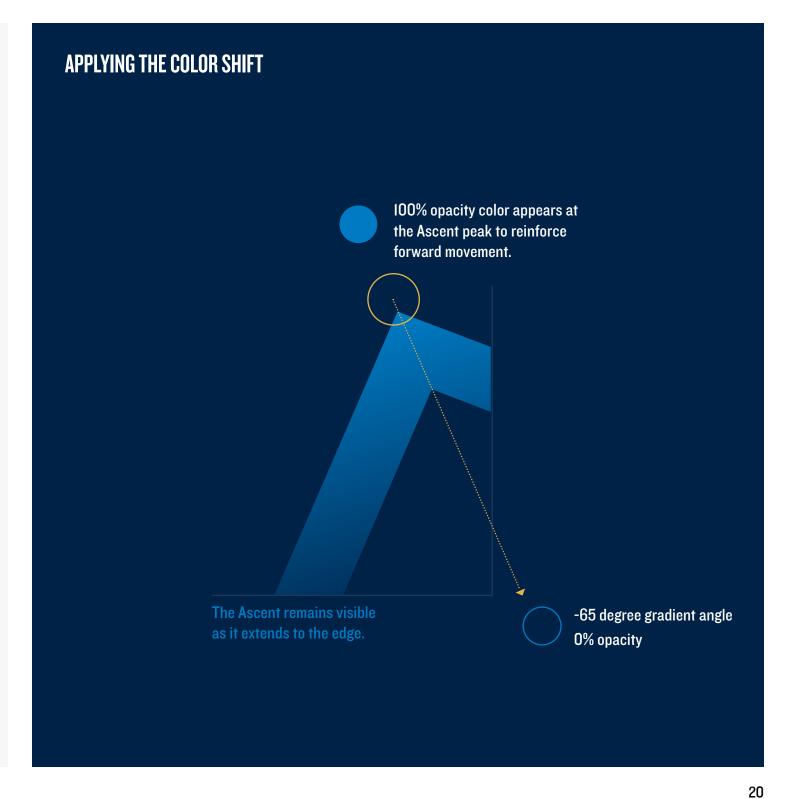
Reinforce a sense of forward movement and subtle depth.

USE

The color shift Ascent works well when paired with a solid-color background or with imagery, creating an integrated look.







ASCENT: DIMENSIONAL

Lifting up from the background, the sculptural feel provides a more subtle approach to expressing our signature cue.

USE

This subtle Ascent treatment allows other elements (e.g., messaging) to appear as the focal point, while pulling through our core brand cue.



NOTE

The Ascent and background color are linked together and should not be seperated from each other or used on top of images or on different background colors.





LAYERING

Silhouetted portraits may be layered over the dimensional Ascent, but always maintain visibility of the Ascent's peak.

ASCENT: SHADOW

Enhance the solid-color Ascent, providing a subtle lift that reinforces depth and movement.

USE

Apply a shadow Ascent only if it is clearly visible over the background color or image.

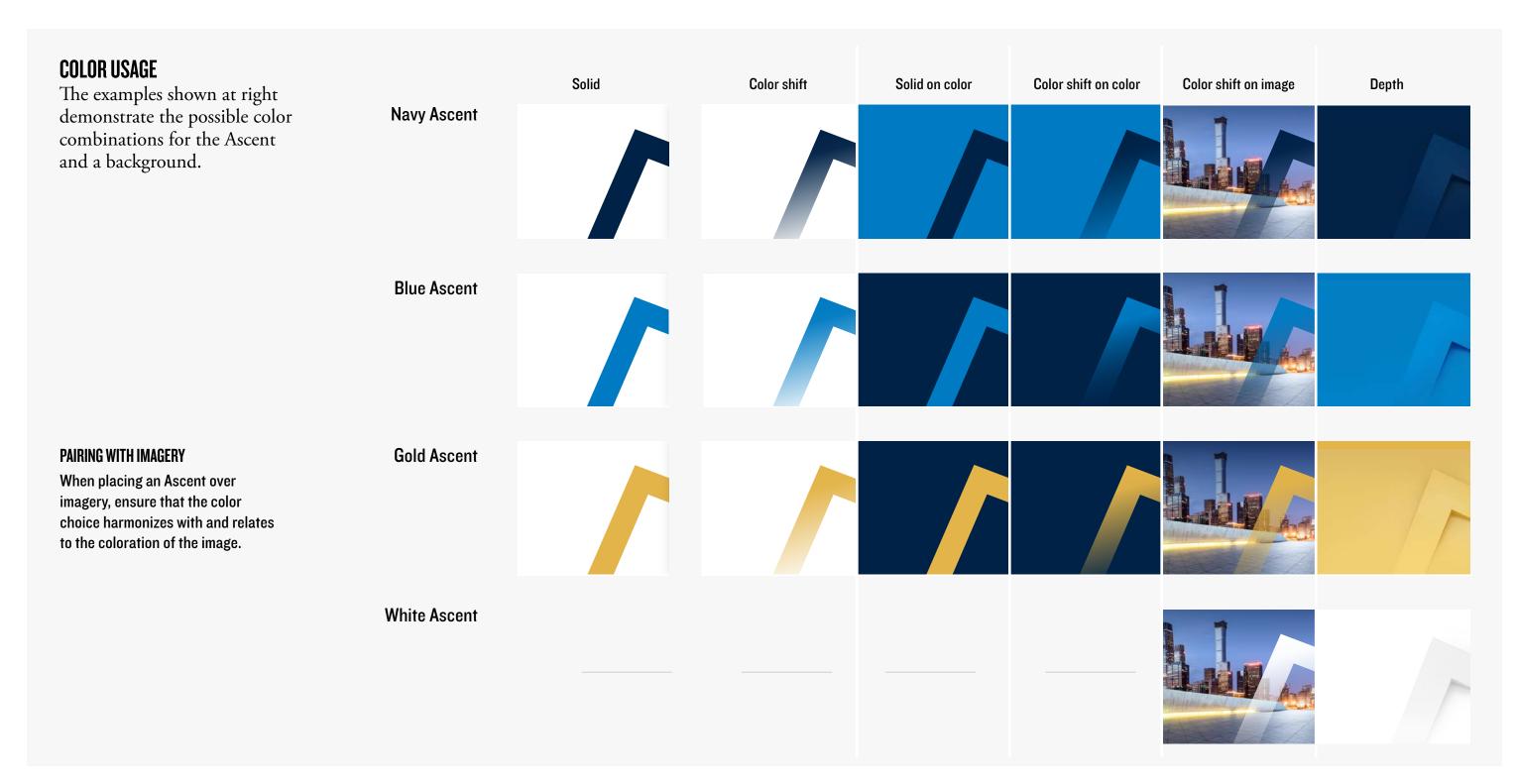






ASCENT COLORWAYS

Our four core colors are reinforced through the Ascent, providing flexibility to coordinate the best color with surrounding elements.



APPLYING THE ASCENT

Strong consistency in placement and scale of the Ascent balances the broader visual treatment flexibility.

TWO WEIGHTS FOR OPTIMAL BALANCE

Two Ascent weights are available to provide flexibility and ensure optimal impact based on the particular use and surrounding elements. Note: Thin version of the Ascents are no longer in use.

Medium





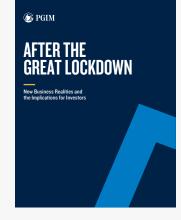


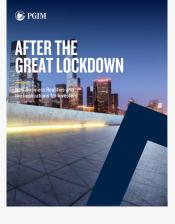




Thick

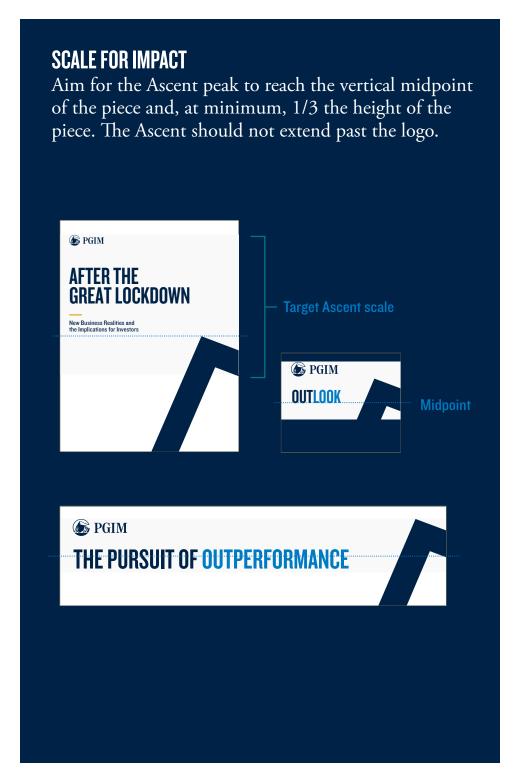






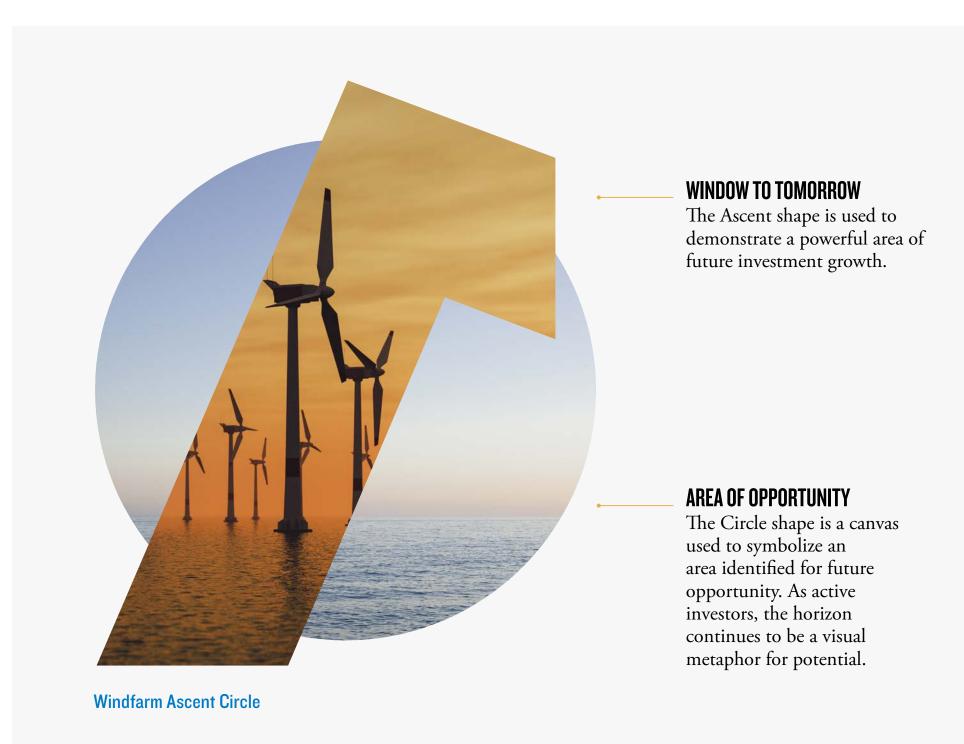


Always display the full uncropped ascent



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This approach is the current graphical identity in our brand advertising. It is the visual representation of PGIM's ability to identify long-term opportunities in any market and environment.



CURRENT EXAMPLES

We are building a libary of images for use across the organization. We are continuing to create new visual representations as the messages continue to be developed. If you need a personalized one, please reach out to the brand team.



Industry Ascent Circle



Agriculture Ascent Circle

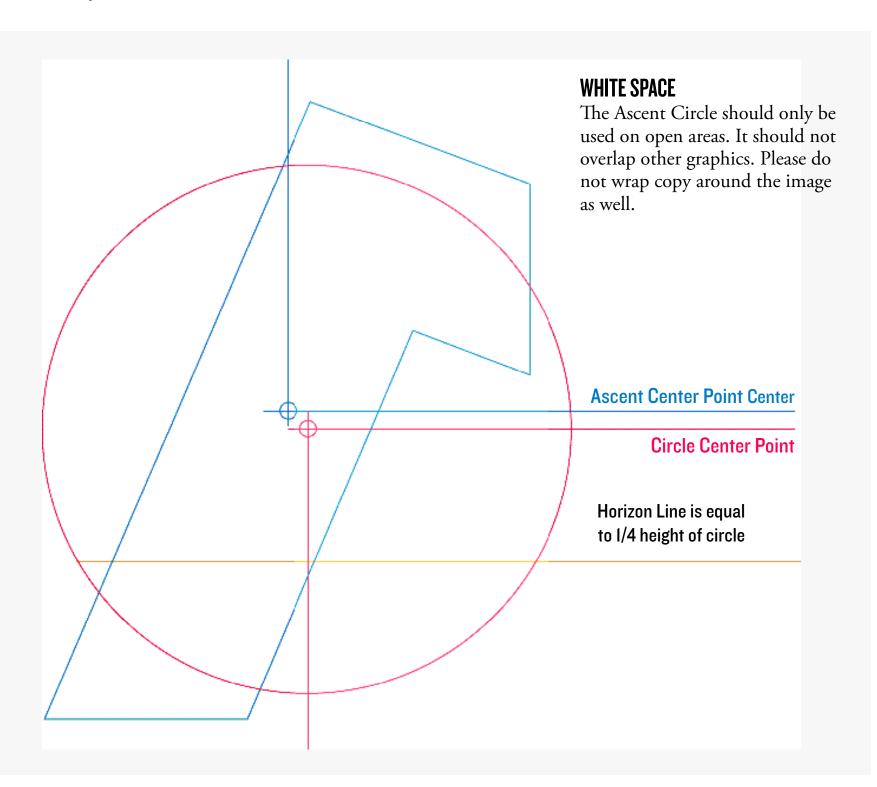


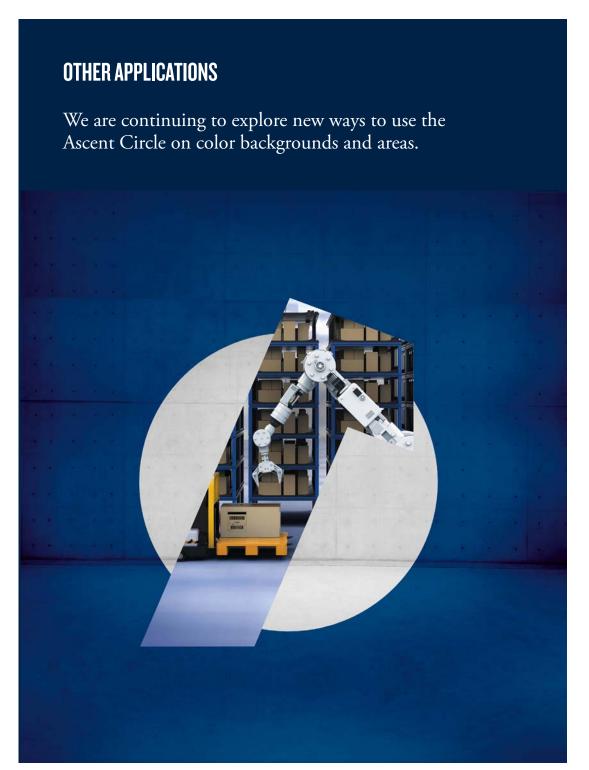
Infrastructure Ascent Circle



ESG Ascent Circle

The artwork should not to be modified or changed. They should only to be used in their current form.





Here are a few examples of how the campaign visualization is currently being extended.



PGIM INVESTMENTS BOOTH



INVESTMENT SYMPOSIUM 2023



INTERNATIONAL WOMANS DAY STAGE BACKDROP

Here is an example how the Ascent Circle should not be treated.



WINDOW TO TOMORROW

While structurally correct, the image within the Ascent is not a clear example of an investment opportunity. Also the contrast between the image within the Ascent against the image within the circle is not distinct enough.

AREA OF OPPORTUNITY

While this is an example of an image with a strong horizon, it is overall too complex and not a clear example of an area of opportunity.

DO AND DON'T EXAMPLES



Do use the Ascent whenever possible to reinforce our signature cue.



Do create depth by engaging the Ascent with another element, as long as the effect maintains the simplicity and prominence of the Ascent.



Do use the Ascent as a hero element.



Do use the Ascent with imagery that complements, but doesn't impede, an upward trajectory.



Don't force the use of the Ascent by pairing it with a high-impact or complex visual.



Don't alter the Ascent or reduce its visibility by layering it with complex elements.



Don't use the Ascent if it cannot be featured as a prominent element, free of competing visuals.



Don't use the Ascent with complex imagery or with imagery with a competing perspective.

DO AND DON'T EXAMPLES (CONT.)



Do ensure consistency by applying the Ascent in its full form.





Do place the Ascent at a bold scale and in a leading position.



Don't dilute the Ascent by repeating it across a piece (e.g., as a repeating header).



Do use the Dynamic Ascent in restrictive formats to maximize visual impact.





Do consider surrounding elements when selecting the optimal Ascent color and treatment.



Don't use the Dynamic Ascent when the core Ascent can provide a high impact.

SIGNATURE LINE

OVERVIEW

Our signature line is the simplest expression of our strategy.



Stand-alone piece of artwork on promotional items





HOW TO USE THE SIGNATURE LINE

HERO STATEMENT

E.g., ad campaign, promotional items



THE PURSUIT OF OUTPERFORMANCE





TYPOGRAPHY

Reinforce our distinctive typographic voice through expressive use of depth and scale.

Typography plays a key role in reinforcing our voice with clarity, confidence and sophistication.

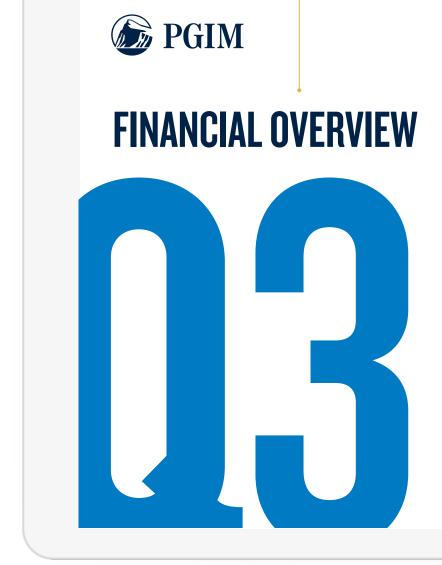


Use Knockout for headlines and subheads and Garamond for body copy for clarity and consistency.



A distinctive, two-tone approach highlights our advantage and our superior performance.







Keep uppercase headline messages short and concise to ensure readability.

CORE USAGE AND HIERARCHY

Scan QR code to download font library files to your computer



BRAND FONT

For designed communications, such as websites and white papers

KNOCKOUT 48

For headlines

KNOCKOUT 49

For subheads, callouts and pull quotes

KNOCKOUT 30

For large text, labels, descriptors, footers, etc.

Adobe Garamond Pro

For all body text

Note: For all legal text, use ITC Garamond Book Condensed ITC Garamond Book Condensed Italics

SYSTEM FONT

For everyday desktop communications, such as email and PowerPoint® ARIAL NARROW BOLD

For headlines

ARIAL NARROW BOLD

For subheads, callouts and pull quotes

ARIAL NARROW REGULAR

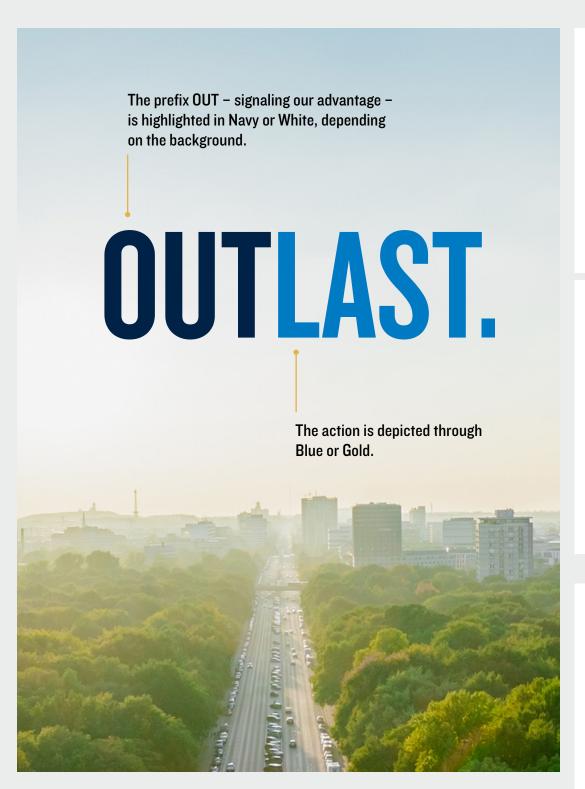
For large text, labels, descriptors, footers, etc.

Times New Roman

For all body text and legal text

TWO-TONE MESSAGING IN HEADLINES & TITLES

A distinctive, two-tone approach highlights our advantage and our superior performance.



For multiple-word headlines, the "OUT" prefix is highlighted in Navy or White, depending on the background, when the word communicates advantage or differentiation and regardless of the part of speech.

For an preexisting "OUT" prefix word that does not communicate advantage or differentiation, the entire word is highlighted.

As a verb:

CONSISTENCY TO OUTPERFORM.

As a noun:

TOP DECILE OUTPERFORMANCE.

BUILDING OUTCOMES GLOBALLY.

STRENGTH THROUGHOUT MARKET CYCLES. A CORE EQUITY STANDOUT

FOR 50 YEARS.

As an adverb:

OUTPERFORMING

OVER THE LONG RUN.

THE VALUE OF A LONG-TERM OUTLOOK.

In headlines and titles, the "OUT" prefix before a root word is highlighted in Navy or White, depending on the background, to communicate our advantage, to differentiate PGIM and to imply superiority. This is always the case for our one-word headlines, which are action verbs.

Note: A period adds conviction to our campaign headlines, but is not required for standard headlines.

OUTSERVE.

OUTLAST.

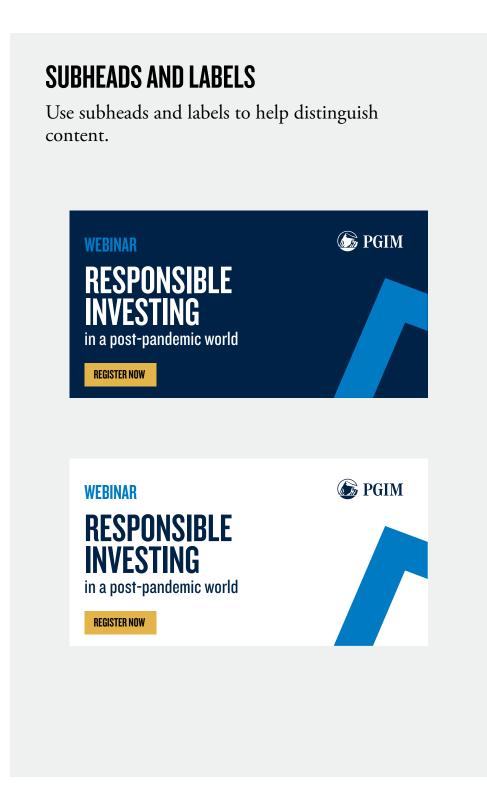
OUTPLAN.

OUTTHINK.

TWO-TONE MESSAGING IN HEADLINES & TITLES (CONT.)

We use the two-tone type treatment to support and enhance messaging.

HEADLINES Vibrant color (Blue or Gold) highlights the action. PGIM **IN A POST-PANDEMIC**



DO NOT Avoid use of the two-tone treatment in descriptive headlines, names or when messages have no natural split (e.g., no action element). **PGIM** INVESTMENT UPDATE

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EXPRESSIVE USE OF TYPOGRAPHY: SCALE AND CONTRAST

BOLD SCALE

quote stat, key word).

Create graphic impact when the

messaging is a hero element (e.g., pull

Emphasize a key idea within a headline or brief message.











USAGE DETAILS

- Consistent message scale
- Two-tone color to emphasize an idea

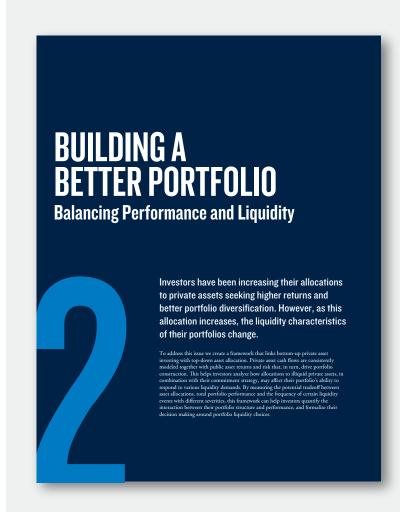
- 2x scale to emphasize a key idea
- Optional two-tone color

- 4x scale to emphasize a key word
- Optional two-tone color
- Quote symbol 8x larger than copy
- Key stat 12x larger than copy

EXPRESSIVE USE OF TYPOGRAPHY: CROPPING

HOW MUCH TO CROP

When cropping, ensure that a sufficient part of the letters is visible.





CROPPING TO USING TWO SIDES Allow large-scale type to bleed off the page, using any two sides of the page. PGIM **FINANCIAL OVERVIEW**

ALL UPPERCASE

We keep all uppercase headline messages short and concise to ensure readability.

HEADLINE

Use all uppercase for headlines shorter than 7 words.

RESPONSIBLE INVESTING

NEXT GENERATION COMMODITY BENCHMARKS

Leading: 80% size of headline

IDENTIFIER & STATS

AFTER THE GREAT LOCKDOWN

LATEST INSIGHTS

TOP 10

LARGEST ASSET MANAGER WORLDWIDE

DO NOT

use all uppercase headlines for longer than 7 words.

RASATM BENCHMARKS DESIGNED TO ALIGN WITH CID INVESTMENT OBJECTIVES

TYPE IN-USE







TYPE IN-USE (CONT.)



SUBHEAD Knockout 49

• AUTHOR

Vishv Jeet, PhD

Vice President vishv.jeet@pgim.com +1 973-367-6859

The PGIM Institutional Advisory & Solutions group advises institutional clients on a variety of asset allocation and portfolio construction topics, and delivers bespoke research based on an institution's specific objectives.

BODY TEXT
Garamond

For inquiries and to learn more about PGIM's investment advisory capabilities, email IAS@pgim.com.

Learn more at pgim.com/IAS

An LP must make many choices when investing in private markets: How to invest uncalled capital? How many funds to invest in each vintage? How to pace commitments? Is there a class of funds where skill matters more than others? We answer these questions using our fair comparison framework, which also allows a comparison across public and private assets.

We find that a careful selection of choices such as the default investment for uncalled and uncommitted capital, the level of diversification across both funds and vintages, and of course the choice of private market strategy (e.g., buyout, venture, or real estate) has a meaningful impact on the risk-adjusted returns of a private asset portfolio.

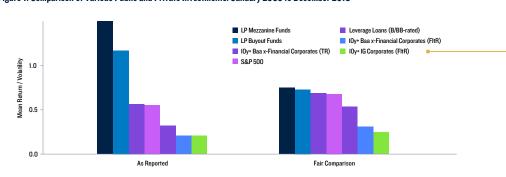
While fund-selection skill improved private asset performance, the benefit from skill was uneven across the different private markets. Somewhat counterintuitively, venture funds' (especially early stage) risk-adjusted performance may not improve the most from LP fund-selection skill. While mean returns improved, volatility persisted. Based on a fair comparison, we find that LPs may benefit the most from the skillful identification of good performing mezzanine and real estate funds. We also find that venture investments had the lowest risk-adjusted returns because of their high underlying risk, but they may still offer a better investment opportunity than public markets (manager alpha included), with or without skill.

1 Figure 1 is a simplified version of Figure 12 in Jeer (2019).

2 Another important factor is the objective of investing in private markers, which may be either diversification or seeking long-term opportunities.

We seek to measure how much LP fund-selection skill matters to portfolio performance. Is fund-selection skill more important for some private market strategies than others? Also, is fund-selection skill more important in private markets than in public markets?





SUBHEAD

Knockout 49

DESCRIPTOR
Knockout 30

Source: PGIM IAS, Burgiss, Bloomberg, S&P and Barclays. Provided for illustrative purposes only

Base Case Assumptions

To facilitate our sensitivity analysis, we define a set of Base Case assumptions (Figure 2) which match those in Jeet (2019) except that we expand the investment horizon from 2005–2018 to 2000–2018.

Figure 2: Base Case Assumptions

Choice / Setting	Value		
Skill Type	No Skill		
Private Market Strategy	US Buyout Funds		
Number of Commitments per Vintage	Five Funds (equally weighted)		
Default Investment	S&P 500		
Commitment Strategy	Commit 50% of Uncommitted Capital to Every Vintage		
Investment Horizon	January 2000 to December 2018		

Source: PGIM IAS. Provided for illustrative purposes only

Sensitivity of Fund-Selection Skill vs. Base Case

To define LP fund-selection skill we divide funds of a given vintage into quartiles based on their subsequent since-inception TVPI performance. We define an LP's fund-selection skill by their fund-selection probabilities, by quartile.³ A skilled LP will have a higher probability of selecting from better quartiles compared to a less-skilled LP. We present five representative skill types along with their associated selection probability distributions (Figure 3). Other skill types can be also considered.

3 Quartiles are defined at the time of commitment. For example, suppose there are 40 funds in a new vintage. We sort them using their ex post since-inception TVPI and form quartiles with 10 funds each. Ties are broken randomly.

2 PGIM Institutional Advisory & Solutions

TYPE IN-USE (CONT.)



THE PURSUIT OF OUTPERFORMANCE

SUBHEAD

Knockout 49

LEGAL TEXT

ITC Garamond Book Condensed

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20/10 - 1651

COLOR

OVERVIEW

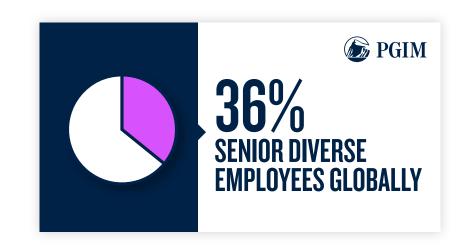
Our strong core colors establish a recognizable foundation, while a generous use of white and vibrant accents both modernize and energize.



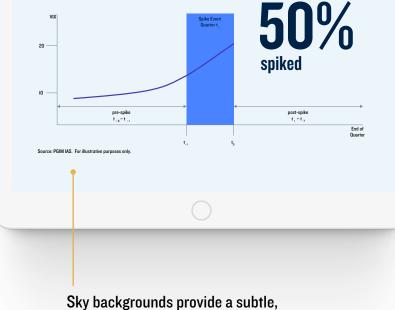
Bold white space balances our rich blues, giving them more impact.







Schematic of Quarterly VIX Spike Events We update the schematic of VIX spike events to reflect the quarterly data frequency of private asset returns. The definition of a VIX spike event is unchanged from the earlier paper: the month during which the average daily VIX index value increases significantly (by at least 50% compared to the average VIX level two months earlier) is labelled as a spike month. We label the calendar quarter in which the spike month resides as the corresponding spike quarter. For example, August 2007 (the beginning of the global financial crisis) is a VIX spike month. Correspondingly, Q3 2007 becomes the spike quarter. Figure 1 shows the updated schematic of VIX spike events expressed in terms of calendar quarters. Quarter of 0, represented by the grey bar, is the spike quarter. We define the pre-spike period as the 7q period ending in calendar quarter to 1 (so, not define the pre-spike period as the 7q period ending in calendar quarter to 1 (so, not quarter to 1). The production of the pre-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and the post-spike period as the 7q period after quarter to 10 and 10



open way of reinforcing PGIM's

Blue brand.

COLOR BALANCE

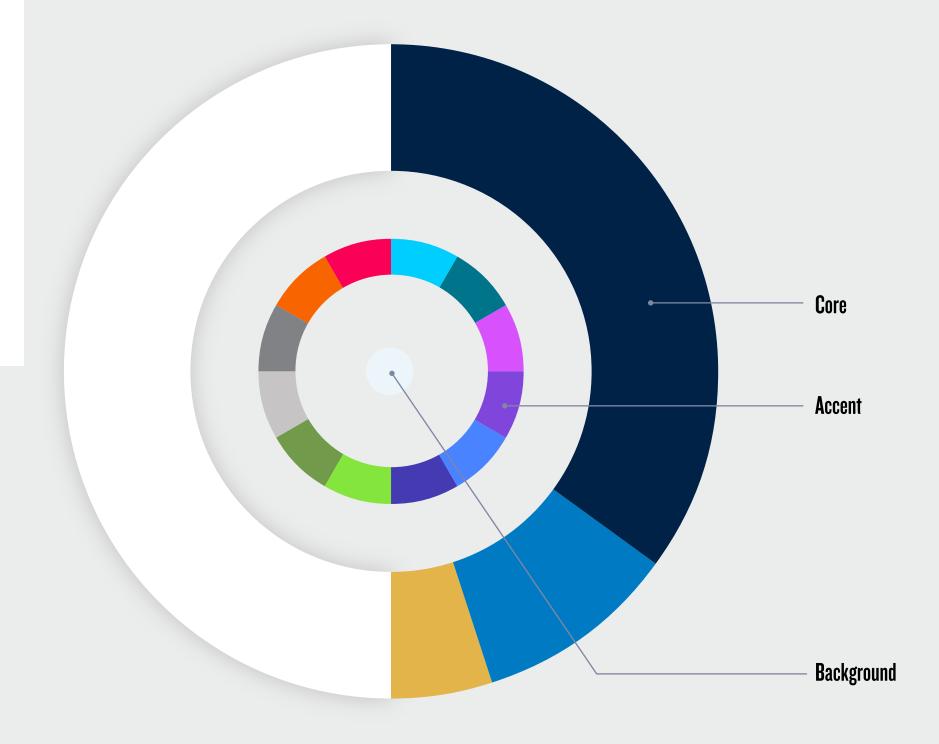
Core blues are made more powerful, memorable and modern through the use of white and supporting accents.





USE

White is the foundation of our palette, and we apply color purposely to build recognition and to engage and support comprehension of our content.

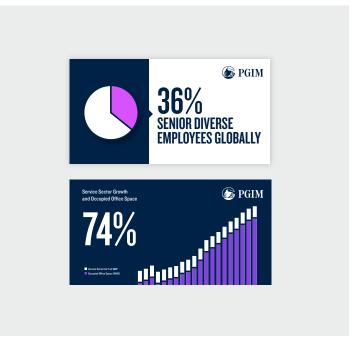


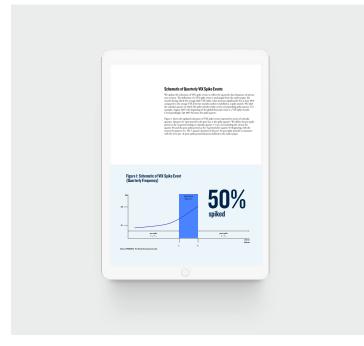
COLOR USE

Apply color with purpose to support recognition of our palette and comprehension of our content.









CORE

Lead with core colors, applied with purpose and balance, to reinforce our stature and expertise.



GOLD

Emphasize key information and calls to action with our core accent color.



ACCENTS

Used sparingly, introduce vibrancy and visual impact through accent colors on charts and graphs.



BACKGROUND

Create hierarchy and simple separation of complex content.

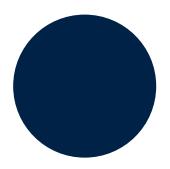


COLOR VALUES



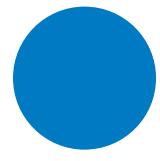


CORE



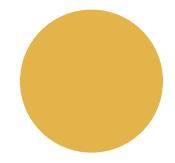
Navy

Pantone 2965 C CMYK 100 62 12 70 RGB 0 34 71 HEX #002247



Blue

Pantone 300 C CMYK 100 42 0 0 RGB 0 123 195 HEX #007BC3



Gold

Pantone 117 C CMYK 11 31 94 0 RGB 227 180 73 HEX #E3B449

ACCENTS



Cyan

CMYK 88 0 2 0 RGB 0 206 255 HEX #00CEFF



Spruce

RGB 0 116 138 HEX #00748A



Violet

CMYK 30 86 0 0 RGB 215 82 253 HEX #D752FD



Periwinkle

CMYK 73 49 0 0 RGB 73 131 255 HEX #4983FF



Light Green

CMYK 50 0 100 0 RGB 132 230 61 HEX #84E63D



Light Gray

CMYK 0 0 0 17 RGB 215 217 218 HEX #D7D9DA



Orange

CMYK 0 80 100 0 RGB 248 100 0 HEX #F86400



CMYK 100 38 36 0



Purple

CMYK 55 87 0 0 RGB 128 70 219 HEX #8046DB



Midnight

CMYK 93 93 0 0 RGB 68 59 178 HEX #443BB2



Green

CMYK 66 19 100 3 RGB 113 154 75 HEX #719A4B



Gray

CMYK 33 22 0 20 RGB 128 135 162 HEX #8087A2



Red

CMYK 0 100 59 0 RGB 250 0 87 HEX #FA0057

BACKGROUND



Sky

CMYK 10 0 0 0 RGB 235 245 250 HEX #EBF5FA

When printing with PANTONE:

The colors shown on this page and throughout these standards have not been evaluated by Pantone, Inc. for accuracy and may not match the PANTONE Color Standards. Consult current PANTONE Publications for accurate color. PANTONE® is the property of Pantone, Inc.

ADA COMPLIANCE, TEXT

Use this page as guidance as to whether specific color combinations meet color accessibility standards within digital channels.

Notes:

- The colors below, which cover our core and commonly used digital colors, have been tested to AA WCAG 2.1 standards.
- Accent or background colors should not be applied to text, icons or other UI elements.
- "Large copy" is defined as 24px/18pt/1.5 em and above or 19px/14pt/1.2 em bold.

Text color	on White background HEX #FFFFFF	on Sky background HEX #EBF5FA	on Gold background HEX #E3B449	on Blue background HEX #007BC3	on Navy background HEX #002247
White Text HEX #FFFFFF	Do not use	Do not use	Do not use	Ok all type sizes	Ok all type sizes
Gold Text HEX #E3B449	Do not use	Do not use	Do not use	Do not use	Ok all type sizes
Blue Text HEX #007BC3	Ok all type sizes	Use 24px+ size	Do not use	Do not use	Use 24px+ size
Navy Text HEX #002247	Ok all type sizes	Ok all type sizes	Ok all type sizes	Use 24px+ size	Do not use

IMAGERY

OVERVIEW

Use sophisticated

imagery in a

supporting role.

Lead with a single, full-color image whenever possible.

Capture a wide-angle view with a strong horizon in primary photography.













PRIMARY IMAGERY

Our primary imagery captures an expansive horizon with a dynamic perspective.

What to look for:

Strong perspective Depth and scale Atmospheric

What to look for:

Simple Focused Bold

What to look for:

Active Strong contrast Vibrant









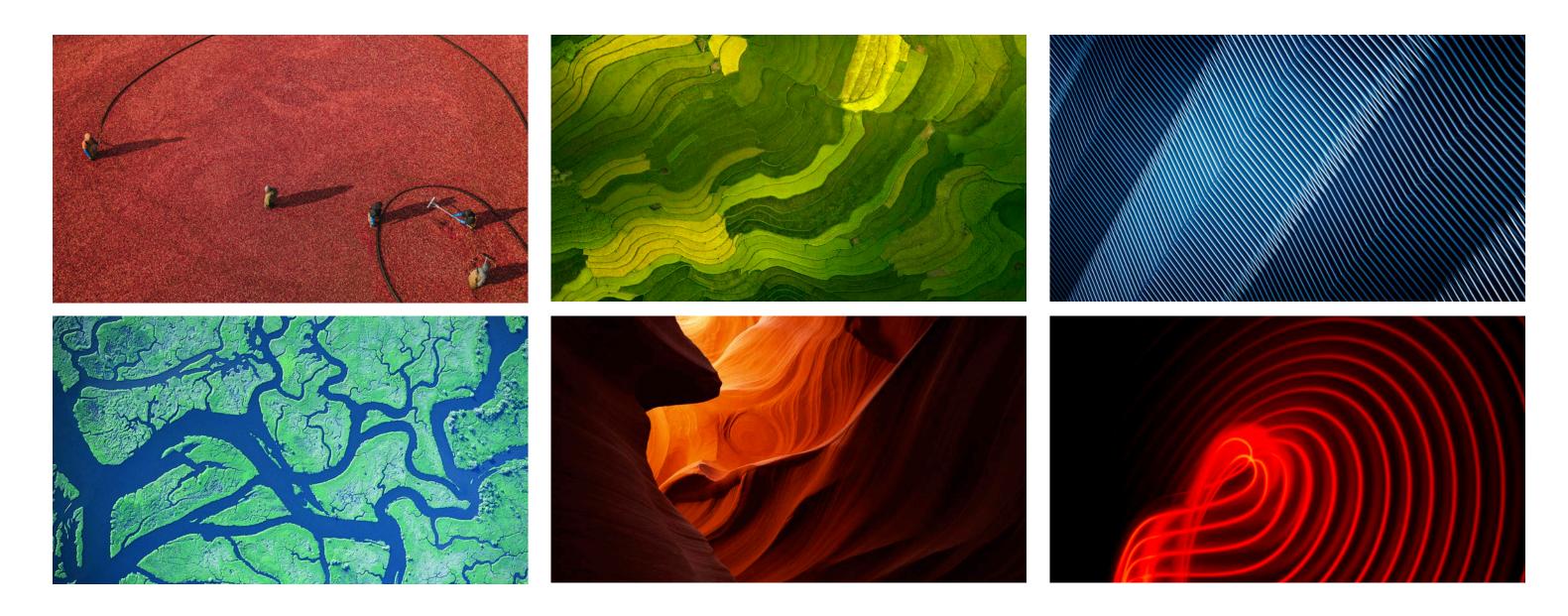




SUPPORTING IMAGERY

Our supporting imagery captures textures and patterns to reinforce depth and scale.

What to look for: Vibrant and harmonious color Simplicity Strong contrast



SUPPORTING IMAGERY (CONT.)

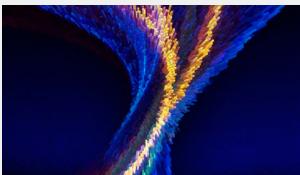
Our additional supporting imagery helps to convey our forward thinking approach and to illustrate conceptual ideas that are challenging to communicate.

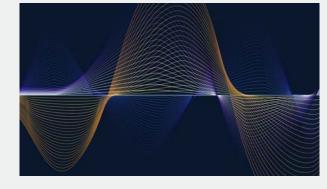
DIGITAL ART

What to look for:

Vibrant colors, strong contrast, active







ILLUSTRATION

What to look for:

Strong perspective, high contrast and use of Navy to unify our style

Graphic quality:

Vector-based, geometric forms





PORTRAIT

Our portrait styles project action, confidence and boldness.

In context shot

Active, in the moment
Simple with great depth of field to allow message





Studio shot
Studio shot on PGIM Navy or Light Blue background
Crisp lighting for contrast





Simple headshot
Natural lighting
Simple, contextual background with great depth of field









DO AND DON'T EXAMPLES



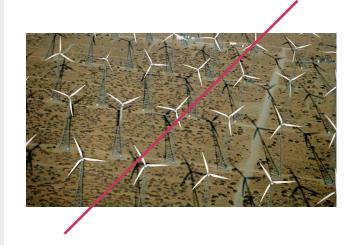
Do use photos with a strong perspective.



Do not use photos without an expansive horizon and perspective.



Do use photos with a great depth of field.



Do not use complex photos.



Do use photos with strong contrast and vibrant colors.



Do not use photos without a strong contrast.



Do use photos with an expansive view.

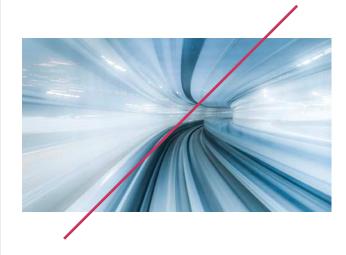


Do not use photos without an expansive view.

DO AND DON'T EXAMPLES (CONT.)



Do use photos with simplicity and strong contrast.



Do not use imagery with low contrast or a manipulated appearance.



Do use photo with vibrant colors.



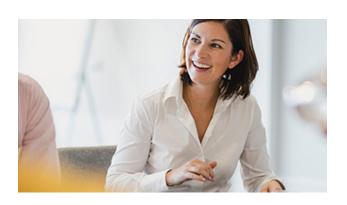
Do not use imagery with an overly warm tone.



Do use photos with a clean perspective.



Do not use photos with no clear sense of perspective.



Do use portrait photos that feel active and engaged.

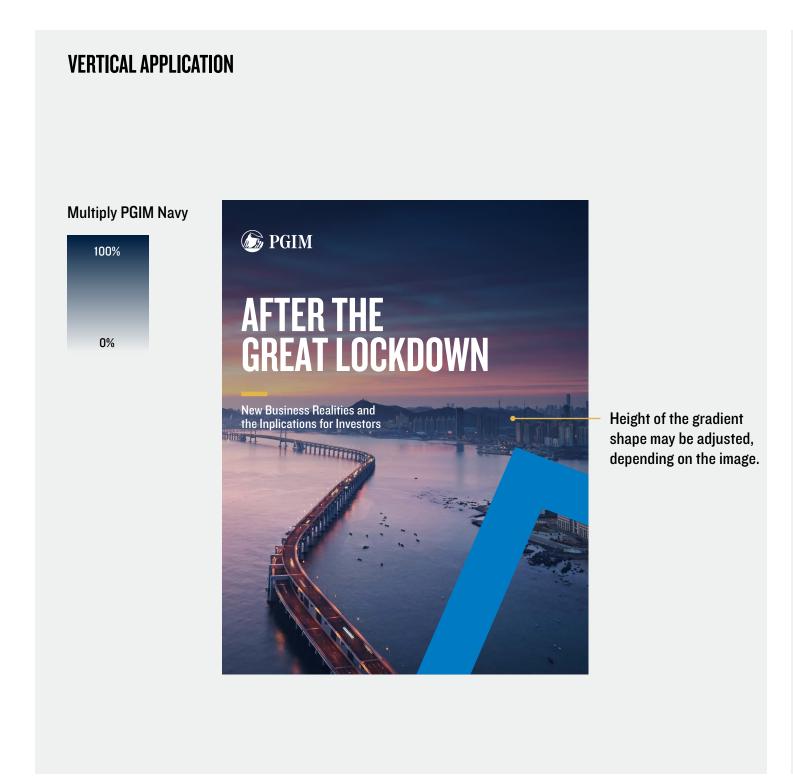


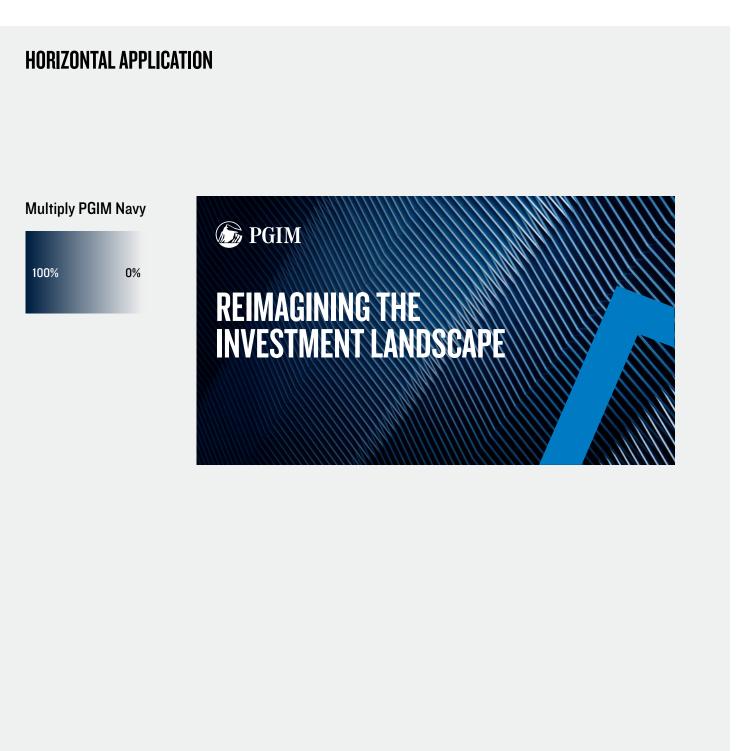
Do not use portrait photos where the subject doesn't feel engaged.

58

USE OF COLOR OVERLAY

Color overlay (or a blue wash) may be used sparingly to enhance the legibility of the message.



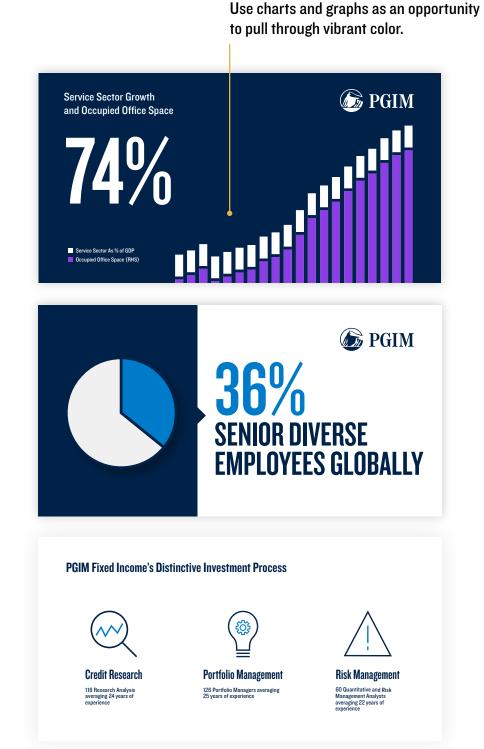


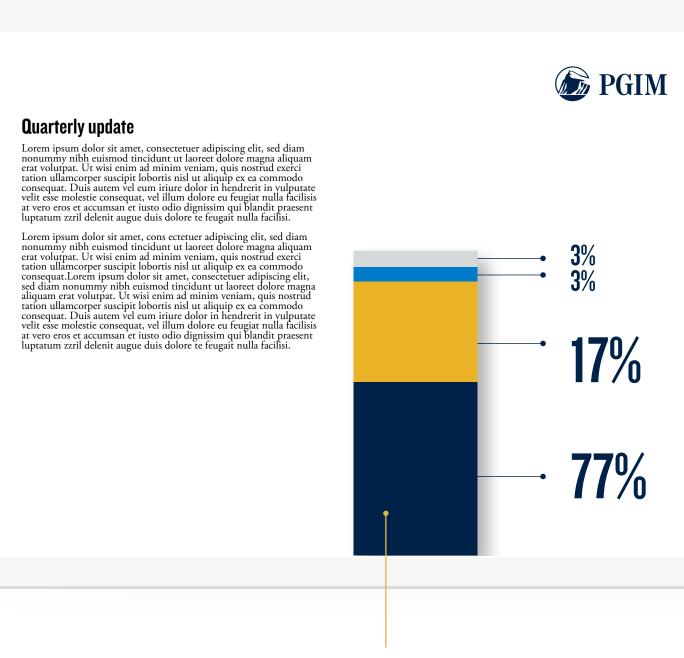
GRAPHIC ELEMENTS

OVERVIEW

Simple forms, high contrast, vibrant color, clear and concise presentation — these are the essential characteristics of our charts and graphs.







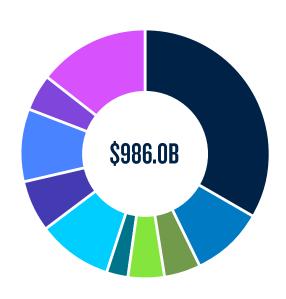
Core colors may be used to reinforce our brand palette.

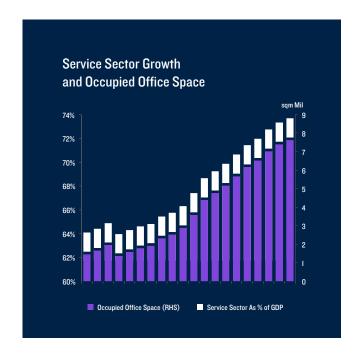
CHARTS AND GRAPHS

Two approaches for visualizing charts and graphs provide flexibility.

SIMPLE

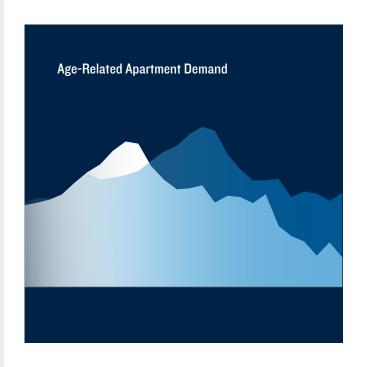
Our standard approach to visualizing charts and graphs can be created with ease while also pulling through distinct characteristics that make the chart or graph feel connected to the broader expression.

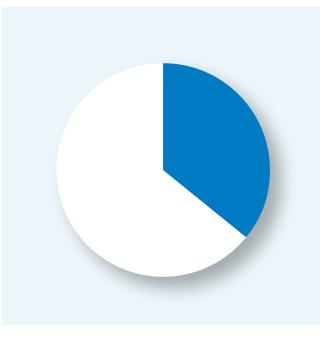




SIGNATURE

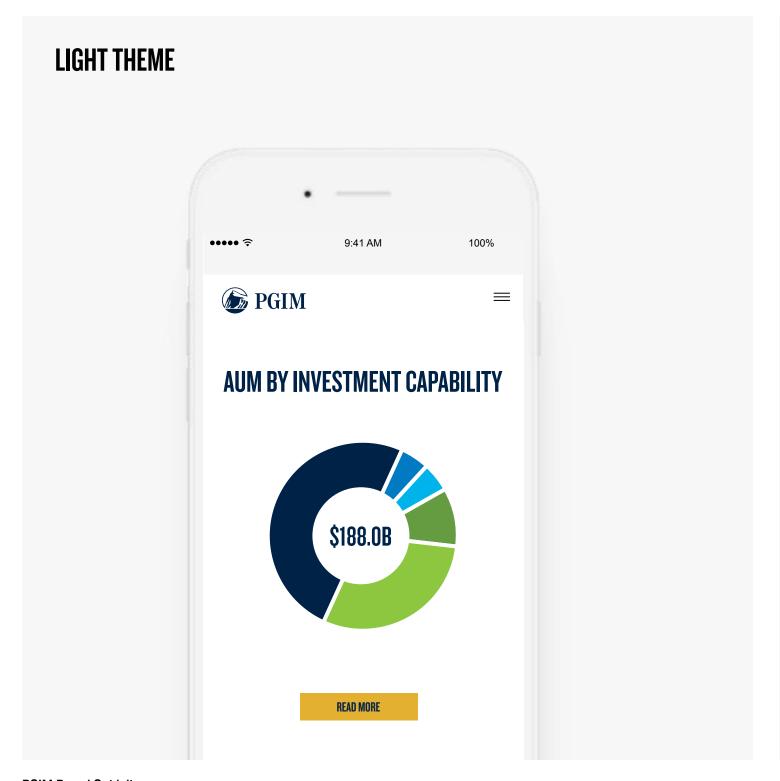
When greater customization can be applied, designed data visualization techniques will enhance the visual impact of key charts and graphs. These enhancements should be applied only when they support and enhance the data.

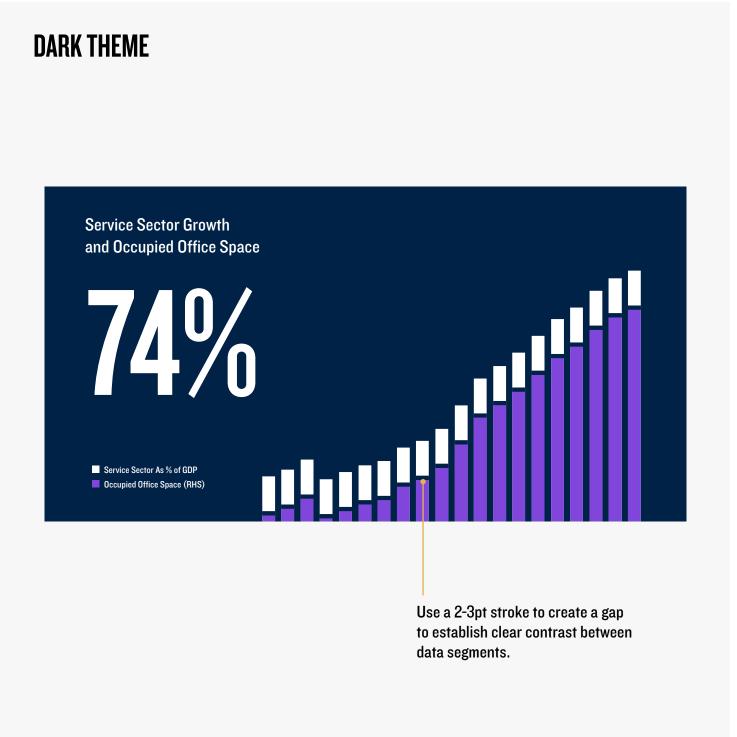




CHARTS AND GRAPHS: SIMPLE

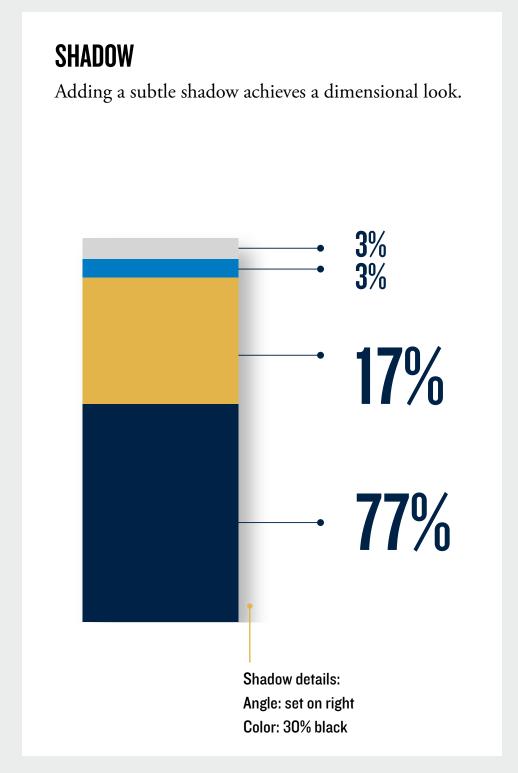
Our standard data visualization approach for PowerPoint®, documents and reports is simple and sophisticated.

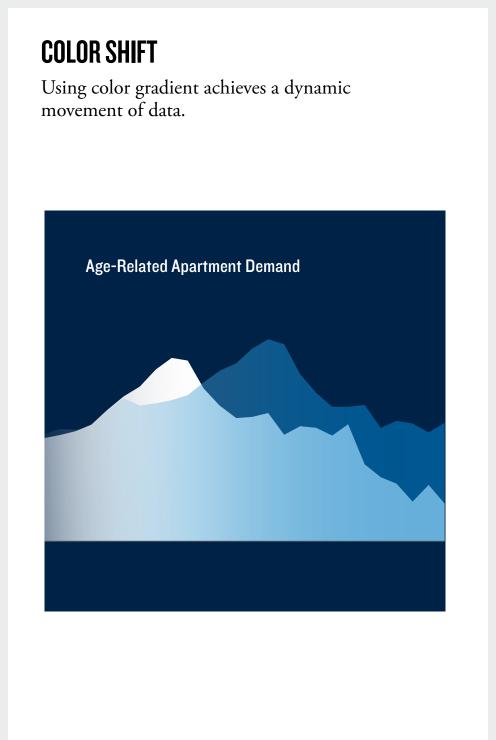


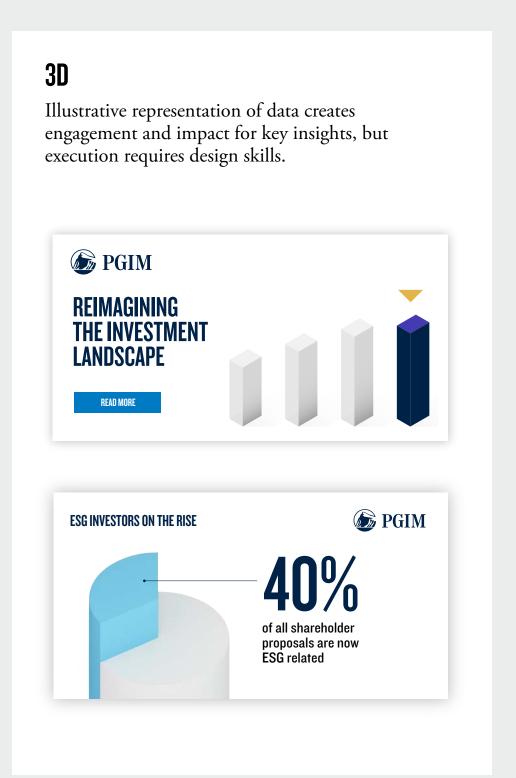


CHARTS AND GRAPHS: SIGNATURE

Enhance key charts and graphs, especially within social media and high-impact thought leadership, through designed data visualization techniques.







CHARTS AND GRAPHS: COLOR USE

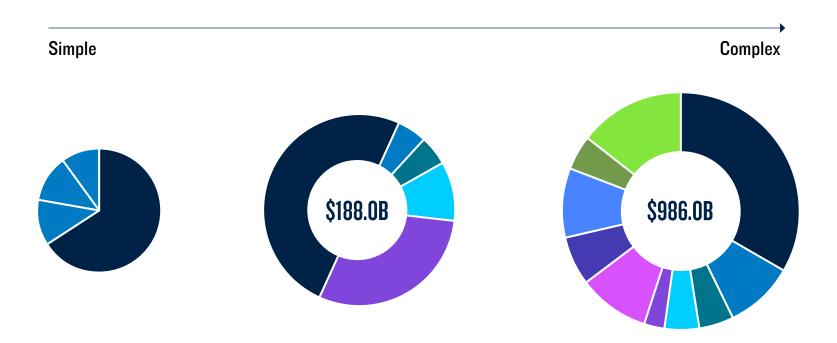




STANDARD COLOR ORDER

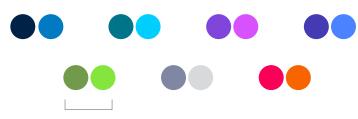
The standard color order, below, leads with core colors followed by bright accents.



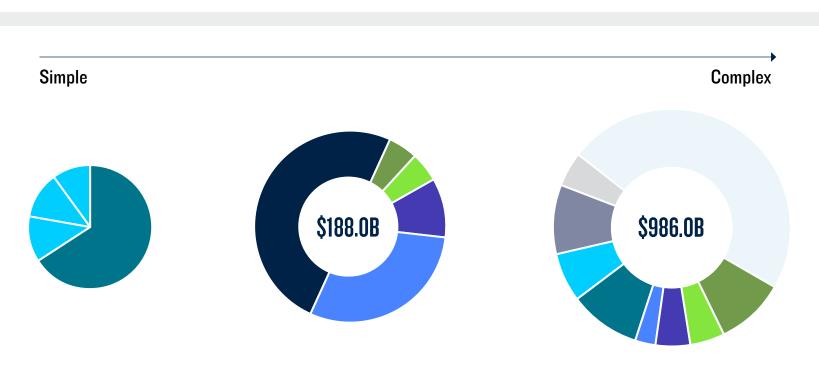


CUSTOM COLOR ORDER

Color order may be tailored to the use, but set colors in pairs for a coordinated look.



Set colors in pairs



ICONOGRAPHY

Icons provide a visual shorthand for representing simple ideas and capabilities.

CLEAN, CRISP, LINEAR ICONS Our icons are available in both two-tone and single-tone. Note: The style should be consistent within the same communication.



























ONE-TONE









VISUAL PUNCTUATION

Icons are applied sparingly to highlight key points, features or information; so, unless they are used to corral features, do not apply more than a few icons at a time.











Risk Management

Credit Research 118 Research Analysis averaging 24 years of experience

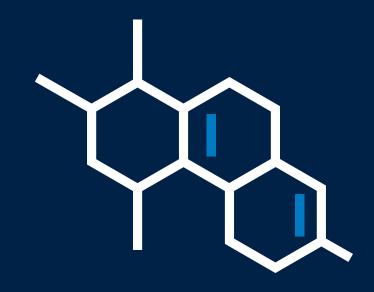
Portfolio Management

Management Analysts averaging 22 years of experience

ICON CHARACTERISTICS

SIMPLE

Uniform line weight, minimal details and crisp, geometric-based forms



OPEN

Added gap for a sense of dimension and movement

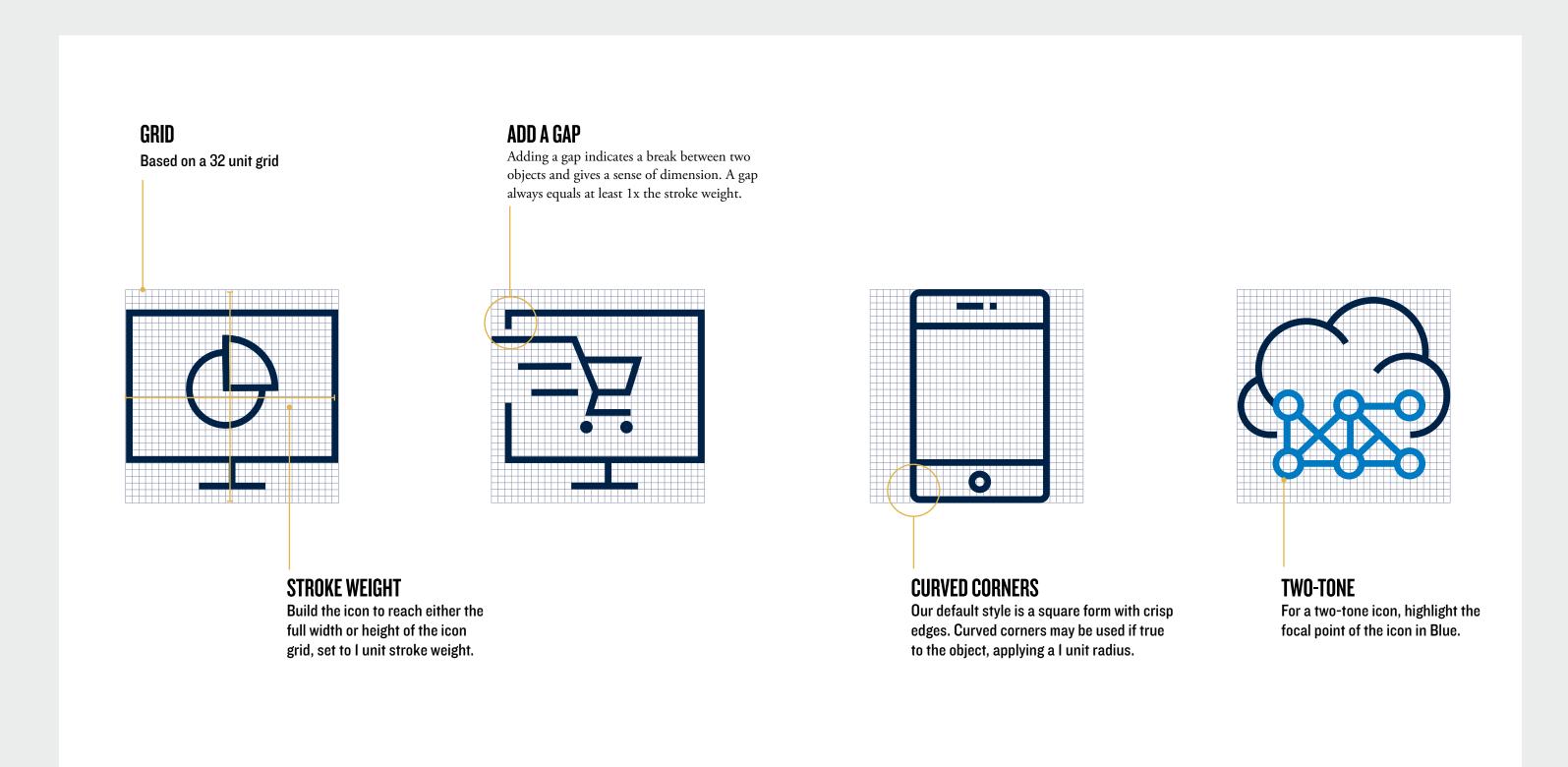


TWO-TONE COLOR

Reinforces core colors, highlighting the focal element in Blue



CONSIDERATIONS FOR CREATING ICONS



DASH

The Dash adds visual punctuation and anchors supporting copy to the headline. Use sparingly, and set in Gold.

SPACING

The spacing of the Dash is 3x away from the headline and 1x from body copy. As it is relative, the body copy may be farther from the headline.

THE FUTURE MEANS BUSINESS

3X

Χ

The Investment Implications of Transformative New Corporate Models

WIDTH AND LENGTH OF DASH

The width of the dash is based on the width of the header letter forms; the length of dash should be the same height as the font used in the headline.

THE FUTURE MEANS BUSINESS

The Investment Implications of Transformative New Corporate Models

DO AND DON'T EXAMPLES



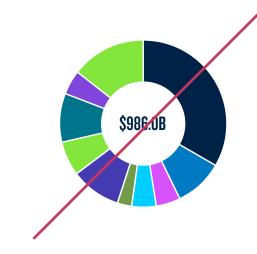
Do use solid colors at 100%.



Do not use tints.



Do set colors in pairs for a coordinated look.



Do not mix and match different color pairs.

THE FUTURE MEANS BUSINESS

The Investment Implications of Transformative New Corporate Models

Do set the Dash in gold, as a solid color.



Do not add a special effect or apply different colors to the Dash.



Do use icons to highlight key points, features or information.

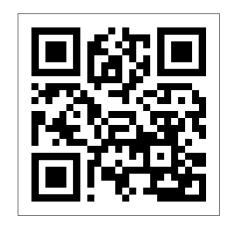


Do not use large- scale icons that look like illustrations.

TEMPLATES & GUIDELINES

TEMPLATES & GUIDELINES

These are some links to other PGIM templates and guides you may find useful.



PGIM Powerpoint Templates



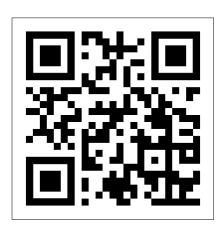
PGIM Social Media Templates



PGIM Vision Templates



PGIM Video & Motion Guidelines



PGIM Digital Brand Guidelines



PGIM Events Guidelines

WHITE PAPER

Full-color single image lead that captures an expansive horizon

An opportunity for bold scale

Key idea elevated to make content scannable



AUTHOR

Vishv Jeet, PhD Vice President vishv.jeet@pgim.com +1 973-367-6859

The PGIM Institutional Advisory & Solutions group advises institutional clients on a variety of asset allocation and portfolio construction topics, and delivers bespoke research based on an institution's specific objectives.

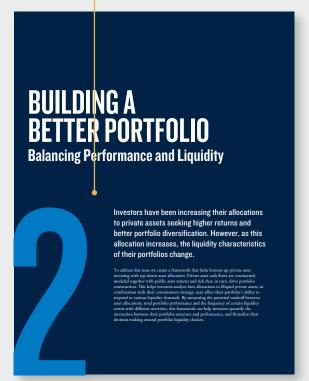
capabilities, email IAS@pgim.com

An LP must make many choices when investing in private markets: How to invest uncalled capital? How many funds to invest in each vintage? How to pace commitments? Is there a class of funds where skill matters more than others? We answer these questions using our fair comparison framework, which also allows a comparison across public and private assets.

We find that a careful selection of choices such as the default investment for uncalled and uncommitted capital, the level of diversification across both funds and vintages, and of course the choice of private market strategy (e.g., buyout, venture, or real estate) has a meaningful impact on the risk-adjusted returns of a private asset portfolio.

While fund-election did improved private user performance, the benefit from dill was uneven across the different private markers. Incomedua counterinstitively, venture funds (especially early stage) risk-adjusted performance may not improve the most from LP fund-aclection dill. While mean returns improved volaritility persisted. Based on a fair comparison, we find that LP was benefit the most from the skillful identification of good performing mezzaime and real extent funds. We also find that venture inventement had the lowest risk-adjusted returns because of their high underlying risk, but they may still offer a better inventures to opportunity than politic market (rantage girld in intacked), with or the contractive of the properties of the properti

1 Figure 1 is a, simplified version, of Figure 12 in. Jeen (2019).
2 Another important factor is the objective of investing in private markets, whim we have different due to fine tion or used in a longer or performance.







50%Plan was the best of

the three choices

Lorem ipsum dolor sit

Lorem Josum dador sit amer, consectence adapticing ellt; sed daim nonumny nithe cuismon, incident us lucored colore maps allquam era volupart. Un visi enim ad minim vensiam, o mostrud eserci istorio ullamonopre suscipi foboriti sitel uri aliquip ex e commodo consequent poblici attenti ven di anticolore in individuali and medicari in volupatare veli ese nolescito consequat, vel visi illum dolore en froujat multi afcilisi sat vero erose a accumsan er intro odio dignisim qui Mandir nazone il nonum meri delebera immono diri delore en froujat multi afcilisi sat vero erose a accumsan er intro odio dignisim qui Mandir nazone il nonum meri delebera immono diri delore en froujat multi afcilisi.

Lorem ipsum dolor sit amet, cons ectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erax volutpat. Ut wisi enim ad minim veniam, quit nostrud exerci cation ullamorpor suscipit lobornis nils ut aliquip ex ea commodo consequat. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod

Liquidity Demands, Sources and Events

We recognize four categories of portfolio liquidity demands:

GP Capital Calls
An obligation that an LP mus fulfill based on total initial committed capital amounts,

lalancing t portfolio allocatio 3

(Powder Creation

actical move into higher beta

acts (i.e., stocks) during market

whturns (i.e., at the end of each

thif the public quity market

eriences a large drawdown) to

wide market support or to take

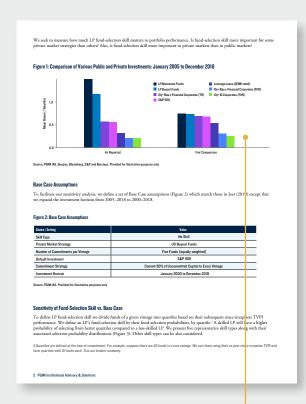
antage of the market

Dry Powder Reversal
When a market recovery occurs
(i.e., when a drawdown is less
than -5% following a recovery in
the equity market) there is a
need to adjust public stocks and
bonds back to their initial

An investor must specify a portfolio structure that defines which asset categories will serve as liquidity sources for various liquidity demands and which categories, if any, are considered manualished (e.g., highed private assert), an investor must also pericy a "seaterfill" rule for sourcing liquidity; Piras sell assets from the part (or. "Bajudity level") of the portfolio that would be least disruptive and expensive. If more assets must be ook, then source liquidity

Figure 2 shows that liquid passive assets are sub-divided into two levels with I.A representing a liquidly receive for GC replical list all Brepresenting the main liquidly source for all other liquidity demands. Since IPs strive to meet GP capital calls, even if it is courly to do saw, seasome that calls may dress liquidity from all liquid assets following the waterfull. First, reserve for capital calls (I.A), including both "committee, but uncalled" and uncommitted capital, followed by liquid passe assets (IB) and failing highed active alphat assets (2). The other three types of liquidity demands can source liquidity only from liquid passive assets (IB).

A liquidity, event occurs whenever an investor must move down the waterfull to find liquidity, for example, a liquidity press would occur if the linement, bring elabation the liquidity results of the portfolio, must sell liquid active alpha senses. Another liquidity event would occur if the inversor does chaust the liquid active alpha assets and it still unable to fulfill the liquidity deemand (of illiquid assets cannot be sold). Consequently, a large liquidity endman could produce a causade of liquidity events.







Charts and graphs used as an opportunity to pull through vibrant color

Generous use of white space

FRANCHISE TREATMENT

OVERVIEW

A Franchise is a signature area of PGIM expertise that showcases our Depth and Scale.

Showcases significant global expertise (Depth)

Connects across PGIM, demonstrating a shared point of view that is broader than a single affiliate (Scale)

To build credibility for these specialized areas, a Franchise treatment may be created and used (with brand team approval) to elevate visibility.



HOW TO USE FRANCHISE TREATMENTS ARTWORK

Use only the approved artwork provided by the brand team. Do not recreate or modify the artwork in any way.

ON LIGHT BACKGROUNDS

Use artwork with the Franchise name set in Navy.

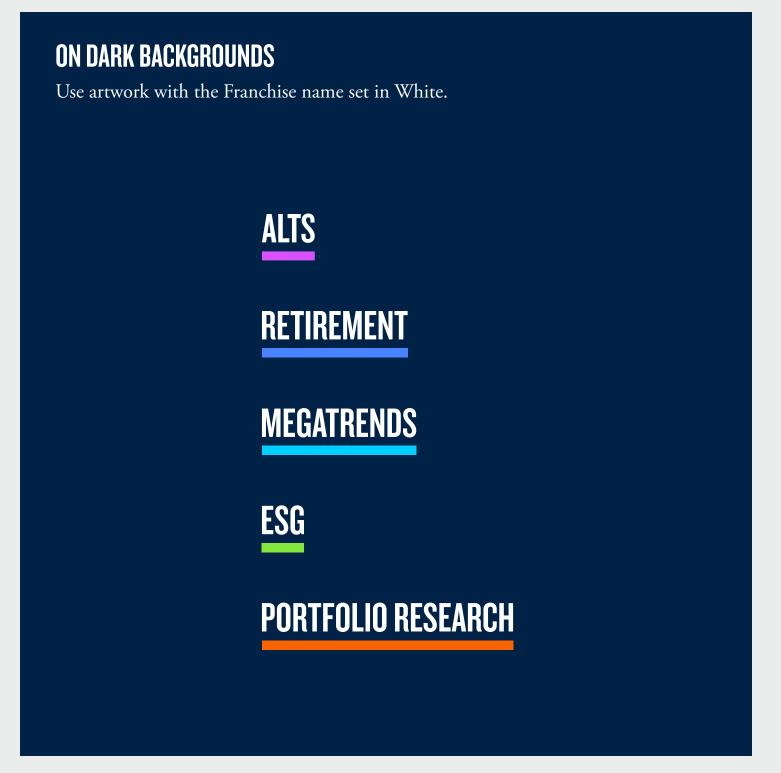
ALTS

RETIREMENT

MEGATRENDS

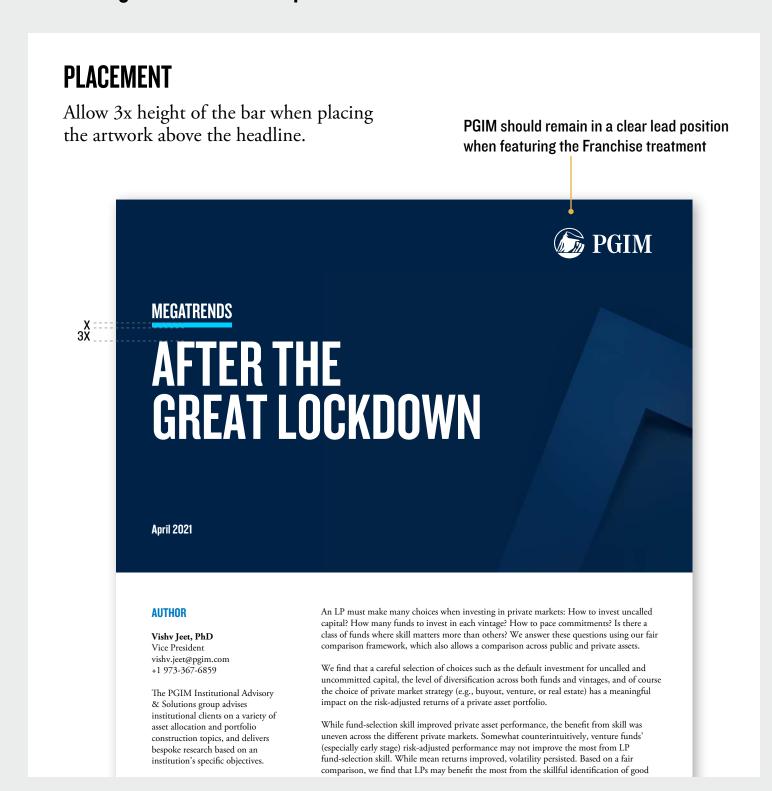
ESG

PORTFOLIO RESEARCH



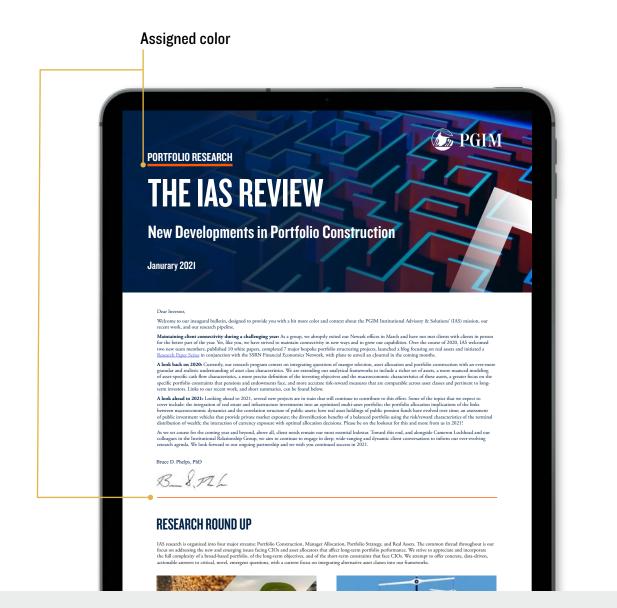
FRANCHISE TREATMENTS: USAGE

While Franchises represent a signature area of expertise conveyed with distinction, they align to the overarching PGIM brand and expression.

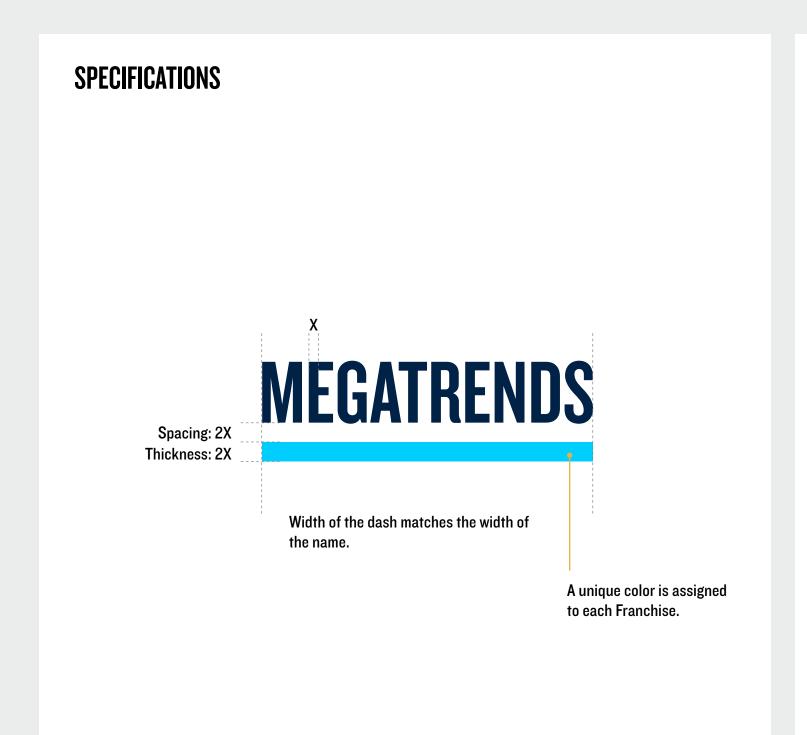


COLOR

Each Franchise may leverage an assigned color to create distinction.



FRANCHISE TREATMENTS: DETAILS





WE ARE HERE TO HELP

For additional resources, please visit SharePoint:

https://prudentialus.sharepoint.com/sites/vision-en-pgim/SitePages/PGIM-Brand.aspx

For additional questions, send us an email:

the.creative.collaborative@prudential.com