

NORTHERN FUNDS

Northern Engage360™ Fund

An innovative program focusing on asset managers with demonstrated leadership, diversity and investment performance

As of December 31, 2020



NORTHERN TRUST

ASSESSING DIVERSITY THROUGH NEW LENSES

Historical approaches considered a very limited range of factors in addressing managers

Historical View

Narrow set of criteria



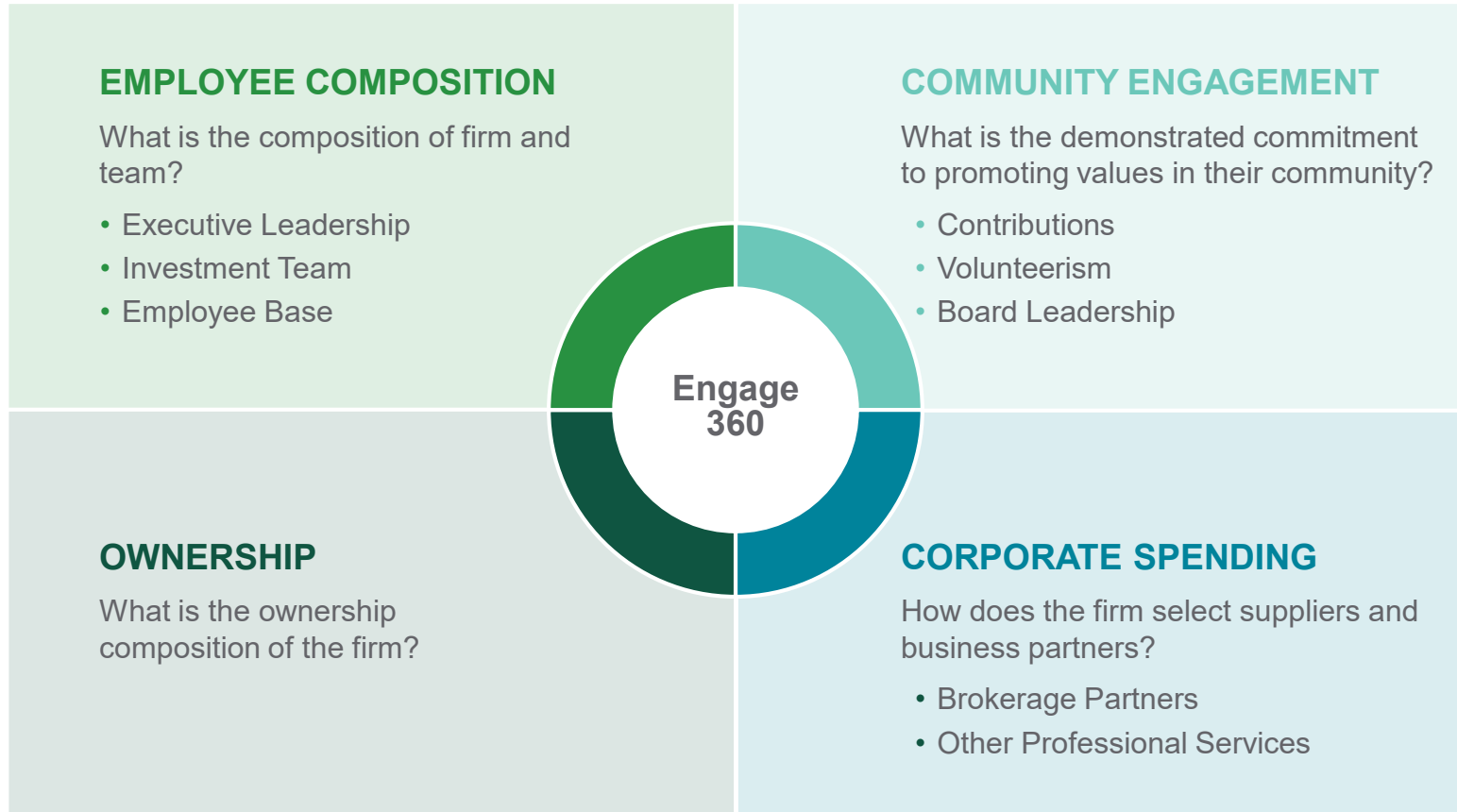
New Expansive View

Create a more complete view of actions and outcomes



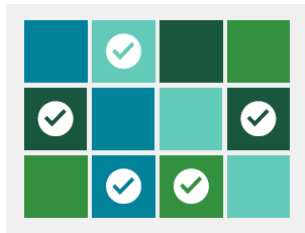
ENGAGE360 FRAMEWORK

An innovative program focusing on asset managers with demonstrated leadership, diversity and investment performance



ENGAGE360 FRAMEWORK: MEASURING LEADERSHIP & DIVERSITY

The program's quantitative process captures specific data elements from a broad group of investment managers that is then scored based on a proprietary methodology



APPROVED INVESTMENT MANAGER UNIVERSE

Investment Managers (100+)

- U.S. Equity
- Developed Markets (ex-U.S.) Equity
- Emerging Markets Equity



ANNUAL DIVERSITY AND ENGAGEMENT ASSESSMENT

Assessment Categories

- Leadership
- Investment Teams
- Community Engagement
- Corporate Spending



SCORING, WEIGHTING AND ANALYSIS

Key Practices

- Review Data
- Determine Thresholds for Scoring
- Monitor Consistently

Source: Northern Trust Investments, Inc.

NORTHERN FUNDS

Northern Engage360™ Fund

As of December 31, 2020



NORTHERN TRUST

NORTHERN TRUST ASSET MANAGEMENT MULTI-MANAGER SOLUTIONS

Investment solutions to meet a wide range of asset allocation needs and portfolio objectives

Total firm assets
under management*:
\$1.1 trillion
as of December 31, 2020

Northern Trust AUM: \$1.1 trillion

- Equity:
\$660.6 billion
- Fixed Income:
\$493.2 billion
- Other:
\$11.4 billion



Multi-Manager Solutions:

Assets Under
Management
\$84.9 billion



Assets Under
Advisement
\$39.9 billion

¹Equity AUM includes \$32.5B of Multi-Manager Assets

²Fixed Income AUM includes \$26.1B of Multi-Manager Assets

*As of December 31, 2020 (updated quarterly). Source: NTAM Finance.

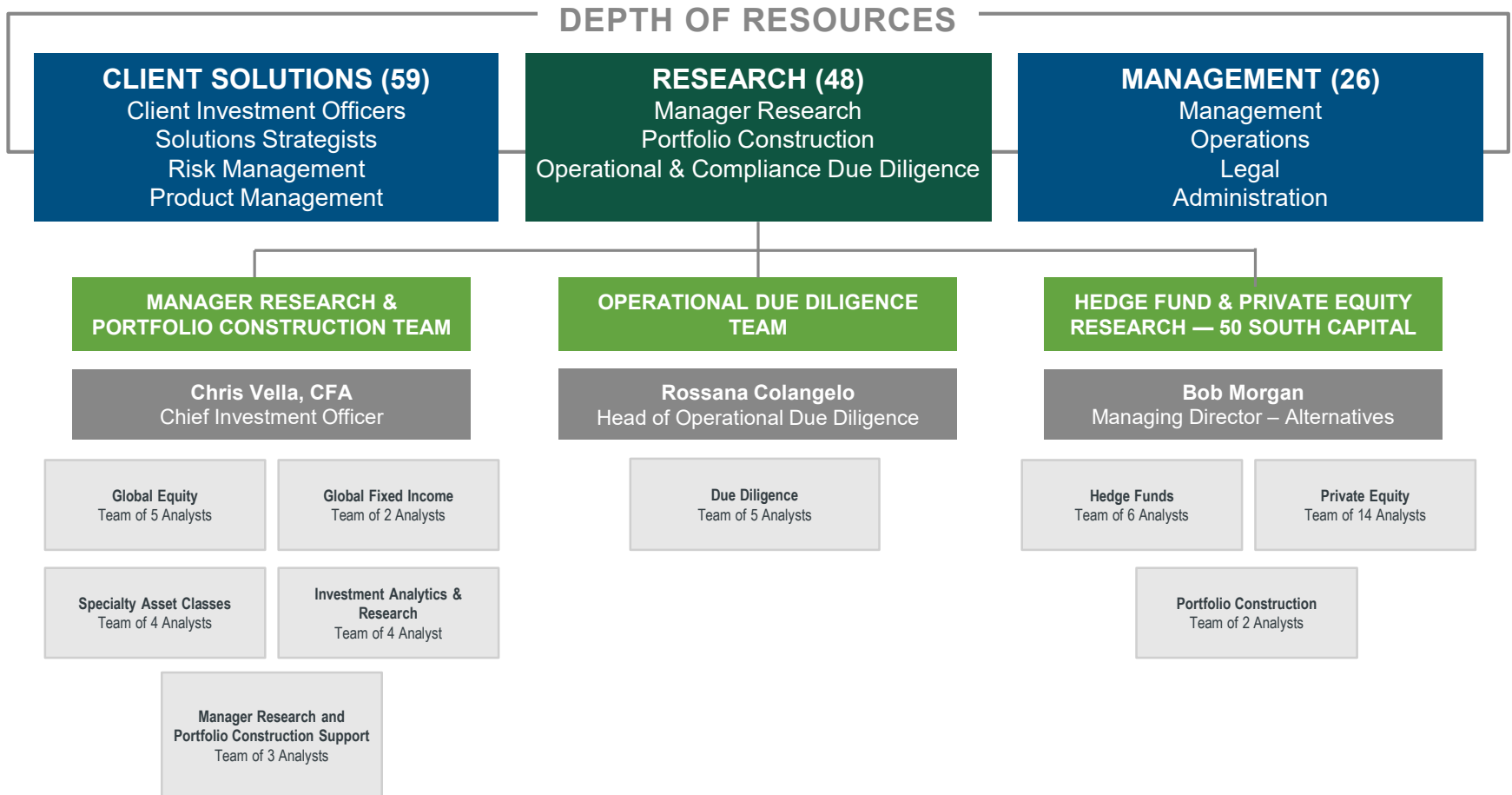
Northern Trust Asset Management is composed of Northern Trust Investments, Inc., Northern Trust Global Investments Limited, Northern Trust Fund Managers (Ireland) Limited, Northern Trust Global Investments Japan, K.K., NT Global Advisors, Inc., 50 South Capital Advisors, LLC, Belvedere Advisors LLC and investment personnel of The Northern Trust Company of Hong Kong Limited and The Northern Trust Company to offer investment products and services to personal and institutional markets.

For purpose of compliance with the Global Investment Performance Standards (GIPS®) the firm is defined as Northern Trust Asset Management Services, a subset of Northern Trust Asset Management, and includes those investment products managed by NTI, NTGIL, NTGIJ and TNTC that are distributed through global channels.

As of 12/31/2020 Northern Trust Asset Management had assets under management totaling \$1.1 trillion of which \$1.0 trillion is part of the GIPS firm..

EXPERIENCED MULTI-MANAGER SOLUTIONS TEAM

133 professionals dedicated to Northern Trust's Multi-Manager Solutions business.



() Indicates number of employees dedicated to the function.
As of December 31, 2020

NORTHERN ENGAGE360 FUND

INVESTMENT OBJECTIVE

Seeks to achieve long-term capital appreciation through a diversified portfolio of global equities
Invests primarily in listed U.S., developed ex-U.S, and emerging markets equity securities

INVESTMENT APPROACH

Conduct rigorous investment research process to assess, review and select managers
Create investable universe using diversity and engagement scoring and investment performance
Construct portfolio aligning strong alpha potential with diversity and engagement attributes

INVESTMENT GUIDELINES

Benchmark: MSCI All-Country World Index (ACWI)
Diversification: Global by market capitalization, sector, country, currency and sub-adviser
Target Tracking Error: 200–300 basis points

There is no guarantee that tracking error targets can be achieved. Tracking error measures the difference between the investment performance of the strategy or fund and that of the Index.

ENGAGE360 INVESTMENT APPROACH

Create a diversified global equity portfolio optimized for alpha and diversity and engagement characteristics, while controlling for volatility

1

Build a global equity portfolio of investment managers we believe have high alpha potential and high diversity and engagement scores

2

Seek global diversification with strong growth and valuation metrics

3

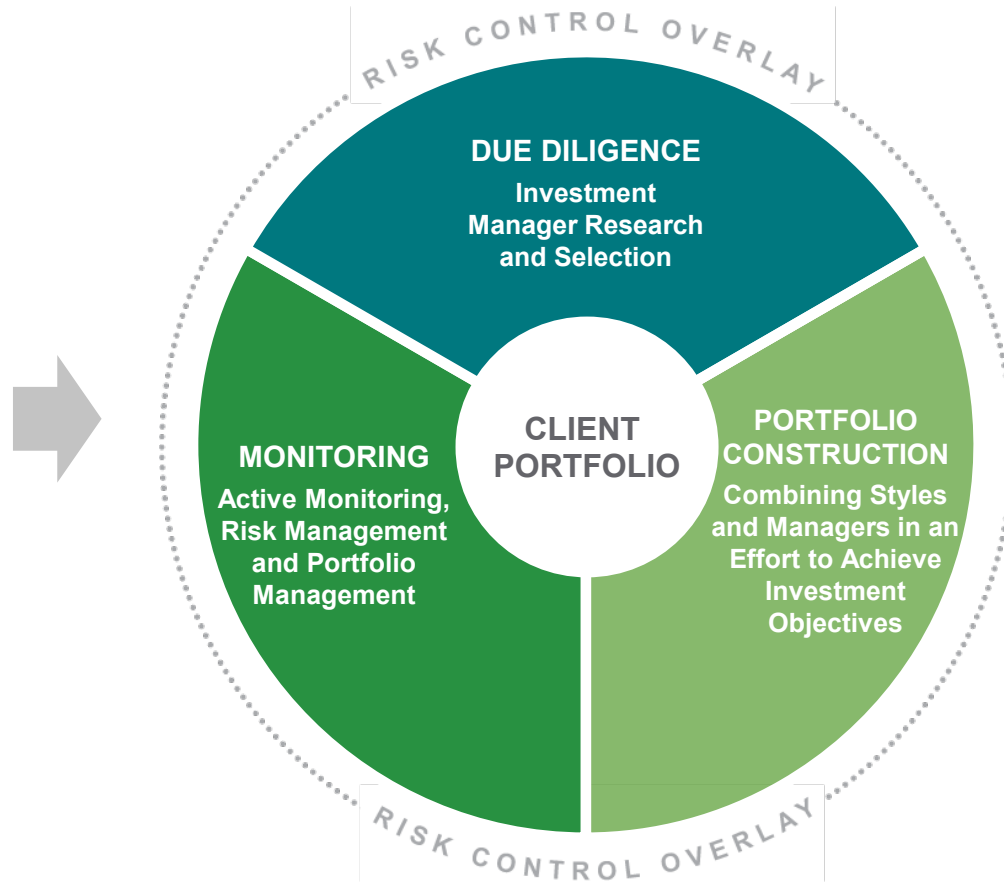
End-to-end risk management to control volatility and manage equity risk factor exposure relative to the benchmark

DISCIPLINED MULTI-MANAGER INVESTMENT APPROACH

We bring our investors an optimal blend of managers

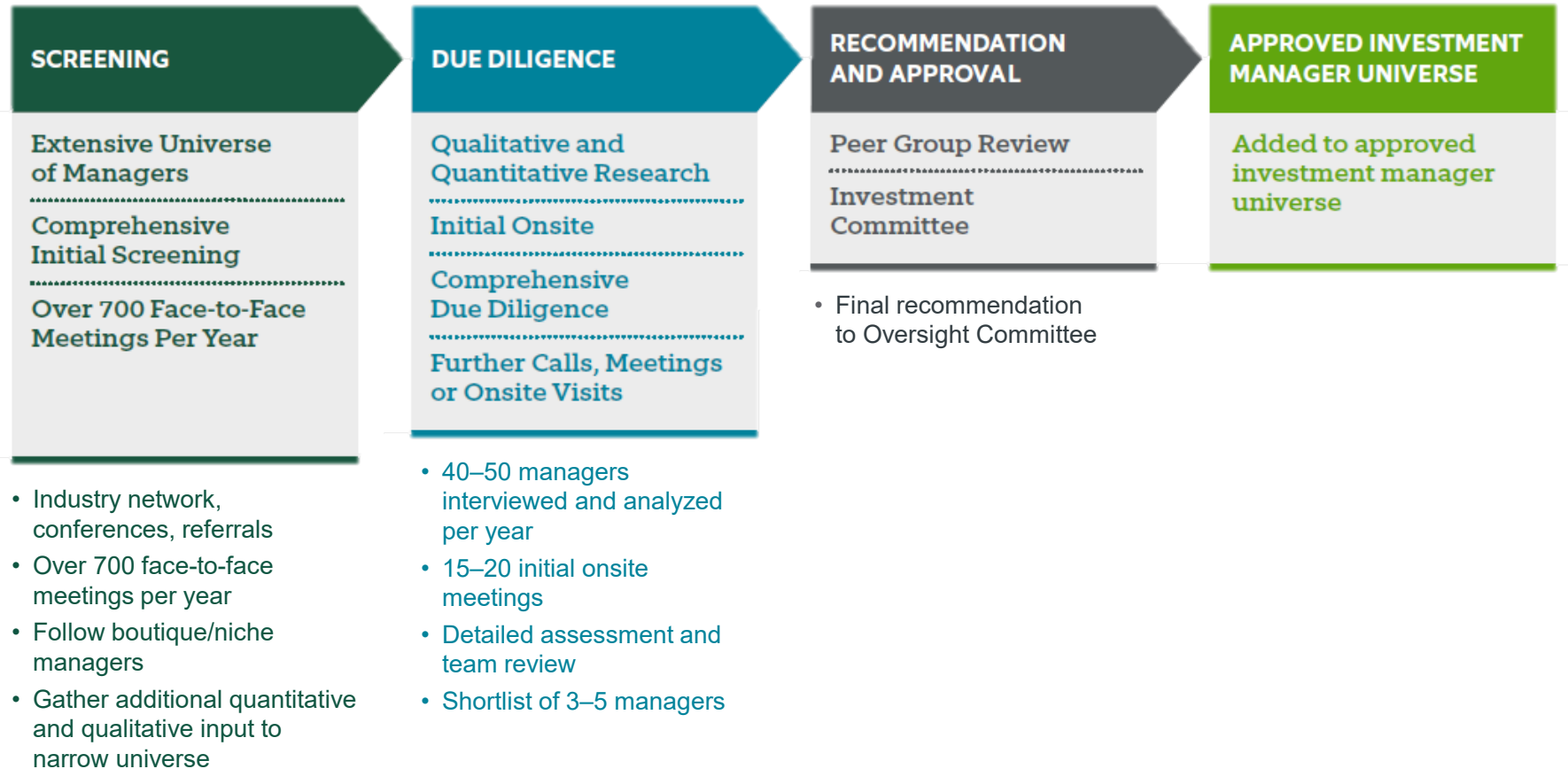
OUR PHILOSOPHY

We believe a disciplined process — rooted in rigorous quantitative analysis and thorough qualitative research — drives competitive performance.



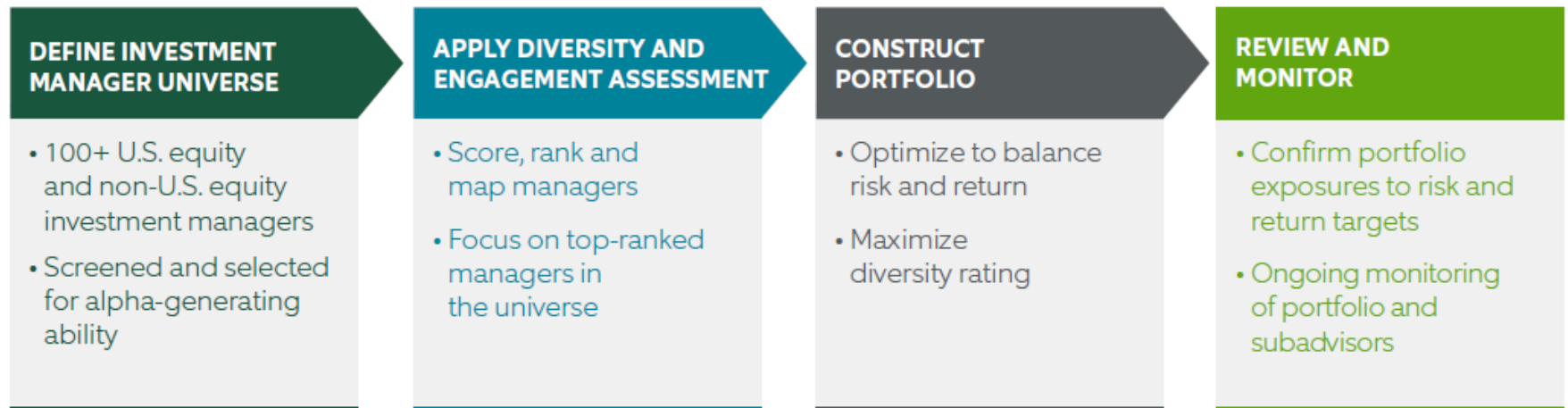
DISCIPLINED MULTI-MANAGER RESEARCH & SELECTION PROCESS

Depth and quality of research is key



ENGAGE360 FUND INVESTMENT PROCESS

A diversified portfolio of global equity asset managers with strong leadership, diversity and investment performance



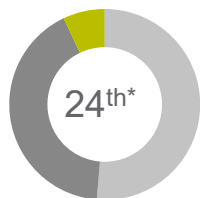
DIVERSITY AND ENGAGEMENT

We evaluate managers based on their leadership in diversity and engagement across areas such as Employee Diversity, Community Engagement, Ownership Diversity and Supplier Diversity

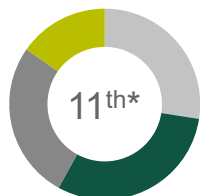
KEY DRIVERS

Each sub-adviser has unique strengths in demonstrating their commitment to advancing and promoting diversity.

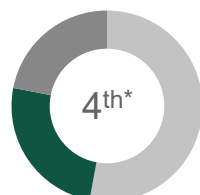
U.S. Equity



Aristotle

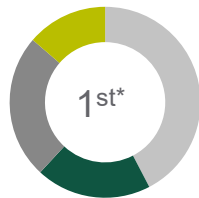


Mar Vista

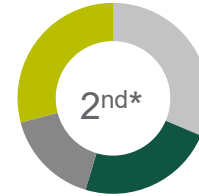


EARNEST

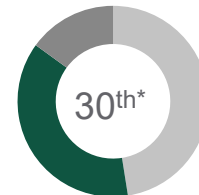
International/Global Equity



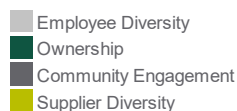
Ariel



SGA



ARK



HIGHLIGHTS

To qualify as a sub-adviser in the Northern Engage360 Fund, managers are required to rank in the top quartile of the Multi-Managers' **ANNUAL DIVERSITY AND ENGAGEMENT ASSESSMENT** at time of inclusion.

Based on our more expansive view of Diversity, Inclusion and Engagement, each sub-adviser demonstrates unique strengths:

- Women owned: Ariel, SGA and ARK
- Minority owned: Ariel, Mar Vista and EARNEST
- The average minority representation for the Engage360 Fund is higher than the industry¹ across the investment team (27% vs. 19%), leadership team (19% vs. 9%), and employee base (29% vs. 16%).
- Across the current 6 sub-advisers, Employee Diversity is the largest driver of their overall score, with the exception of Mar Vista.

We view engagement in the community as an important factor. The sub-advisers have programs that include company organized volunteering, paid volunteer hours, employee donation matching, and have senior leadership that are involved in charitable boards.

¹The sample of 116 asset managers that were surveyed in 2019 **ANNUAL DIVERSITY AND ENGAGEMENT ASSESSMENT** is used as a proxy for the industry.

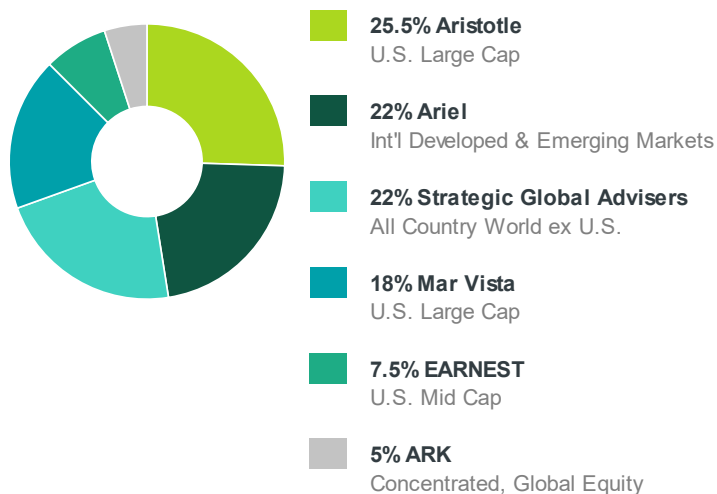
*Percentile ranking based on the Northern Trust Investments, Inc. 2019 **ANNUAL DIVERSITY AND ENGAGEMENT ASSESSMENT** results across 116 asset managers as of 12/31/2019. For example, Ariel's 1st percentile ranking is defined as the top 1% of the 116 managers that were surveyed and ranked according to the annual Diversity & Engagement assessment.

NORTHERN ENGAGE360™ FUND (NENGX)

FUND OVERVIEW

	FUND
Benchmark/Index	MSCI All Country World Index
Morningstar Category	World Large Stock
Inception Date	11/20/17
Total Net Assets	\$378.6 Million
Symbol/CUSIP	NENGX
Dividend Schedule	Annually
Redemption Fee	2% on shares sold or exchanged within 30 days of purchase
Expense Ratio - Gross (%)	0.78
Expense Ratio - Net (%)	0.70

SUB-ADVISER TARGET ALLOCATIONS*



*Actual allocations may vary.
As of December 31, 2020

STRATEGY OBJECTIVES

- Achieve long-term capital appreciation through a diversified portfolio of global equities.
- Utilize a multi-manager approach to allocate to sub-advisers based on their investment expertise and a demonstrated commitment to advancing and promoting diversity.
- The Fund will invest at least 80% of its net assets in equity securities of companies listed on a domestic or foreign exchange.
- The Fund may invest in issuers with market capitalizations in all ranges including small-, medium- and large-capitalization companies.

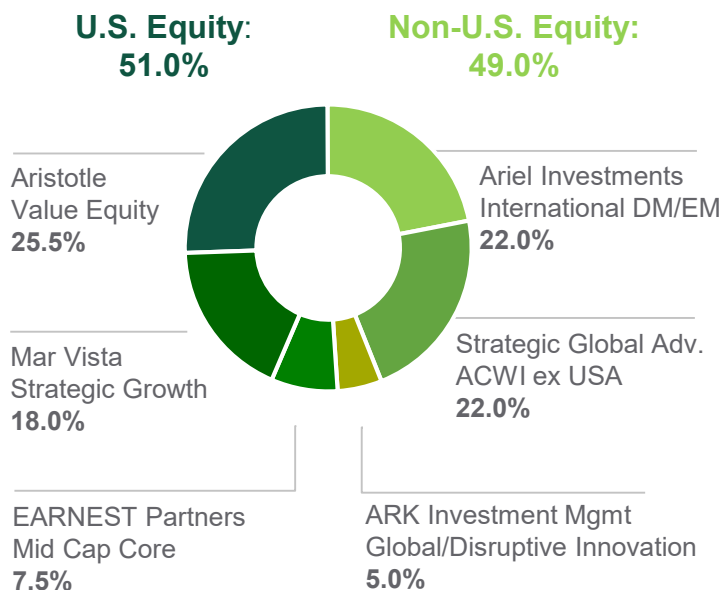
By properly combining sub-advisers, we attempt to create a diversified global equity portfolio optimized for alpha and diversity & engagement characteristics, while controlling for volatility.

PORTFOLIO CHARACTERISTICS

- Well diversified portfolio, benchmarked to the MSCI ACWI Index.
- The Fund leverages sub-advisers with various investment approaches.
- Style characteristics are designed to be neutral to the Index.

NORTHERN ENGAGE360™: FUND ALLOCATIONS

A diversified global equity portfolio with diverse sources of alpha, strong diversity and engagement scores, minimal exposure to fundamental factors and intentional allocations controlling for volatility



Benchmark: MSCI ACWI Index

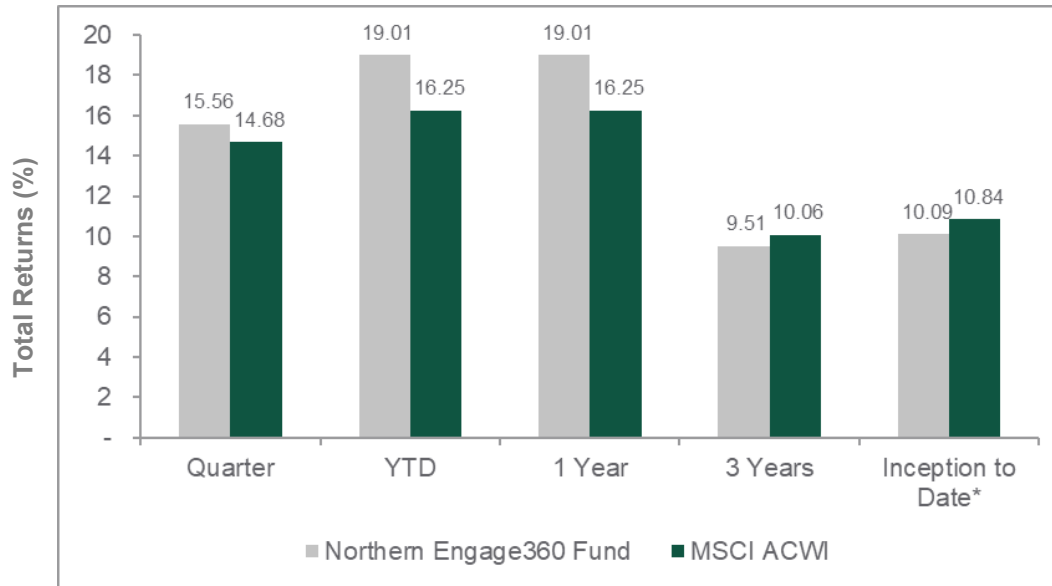
*As of 12/31/20.

Actual allocations may vary and are subject to change.

Sub-Adviser	Target Allocation*	Role in Portfolio
U.S. Equity		
Aristotle Capital Management	25.5%	A U.S. large-cap, relative value approach that is benchmark agnostic with a high quality bias. They analyze companies with a global perspective and may have ADR exposure up to 20%.
Mar Vista Investment Partners	18.0%	A U.S. large cap strategy that seeks to invest in companies that possess sustainable competitive advantages and attractive returns on capital. The portfolio is expected to have a lower volatility, low beta profile.
EARNEST Partners	7.5%	Diversified U.S. mid-cap core strategy focusing on companies with improving profitability and lower earnings variability that trade at reasonable valuations.
Non-U.S./Global Equity		
Ariel Investments	22.0%	An international strategy seeking high quality companies with strong growth prospects that are undervalued and out of favor across both developed and emerging markets.
Strategic Global Advisors	22.0%	A diversified all country world ex U.S. strategy that seeks to generate long term value by integrating proprietary quantitative models with a traditional fundamental research overlay.
ARK Investment Management	5.0%	A concentrated, global equity growth strategy focused on disruptive innovation, with significant exposures to information technology and health care sectors. It is benchmark agnostic with a higher risk profile.

NORTHERN ENGAGE360™: FUND PERFORMANCE

As of December 31, 2020



Annual Expense Ratio

Gross Expense Ratio	Net Expense Ratio
0.78%	0.70%

Excess Return (%)

Quarter	YTD	1 Year	3 Years	Inception to Date*
0.88	2.76	2.76	(0.55)	(0.75)

*Fund Inception Date: 11/20/17

MSCI All Country World Index (MSCI ACWI): A free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. It is not possible to invest directly in an index. The index performance is calculated net of foreign tax withholdings.

Annualized for periods greater than one year. Fund performance is represented net of fees. Past performance is no guarantee of future results. Investment return and principal value will fluctuate so that shares when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than that shown here. Performance data current to the most recent month end is available by calling 877-867-1259.

Northern Trust Investments, Inc. has contractually agreed to reimburse a portion of the operating expenses of the Fund (other than Acquired Fund Fees and Expenses and extraordinary expenses) to the extent the "Total Annual Fund Operating Expenses" exceed 0.70%. This contractual limitation may not be terminated before July 31, 2021 without the approval of the Fund's Board of Trustees. Please see disclosure in Appendix for risk considerations, index definitions and investment terms.

NORTHERN ENGAGE360™: FUND CHARACTERISTICS

As of December 31, 2020 | Benchmark: MSCI ACWI

FUND CHARACTERISTICS			SECTOR ALLOCATION (%)			TOP HOLDINGS (%)	
	Fund	Benchmark ¹		Fund	Benchmark ¹		Fund
Number of Holdings	358	2,981	Communication Services	11.2	9.3	Roche Holding AG	2.1
Weighted Average Market Cap (Billions)	168.0	308.4	Consumer Discretionary	9.7	13.0	Nintendo Co, Ltd	2.0
Price-to-Earnings (P/E), trailing 12 mos	22.2	25.8	Consumer Staples	7.8	7.4	Baidu, Inc Sponsored ADR Class A	1.9
Price-to-Book (P/B)	2.9	2.8	Energy	2.6	3.0	Adobe Inc	1.8
			Financials	16.2	13.5	Deutsche Boerse AG	1.7
			Health Care	14.3	11.9	Microsoft Corporation	1.7
			Industrials	9.6	9.7	Microchip Technology Inc	1.6
			Information Technology	18.9	21.9	Koninklijke Ahold Delhaize N.V.	1.4
			Materials	5.3	4.9	ANSYS, Inc	1.3
			Real Estate	2.3	2.6	Sony Corporation	1.3
			Utilities	2.2	3.0		
ASSET ALLOCATION (%)			TOP 10 REGIONS/COUNTRIES (%)				
	Fund			Fund	Benchmark ¹		
Stocks	94.4		United States	56.7	57.2		
Cash	5.6		Japan	8.2	6.8		
			Switzerland	4.5	2.6		
			China	4.5	4.1		
			United Kingdom	4.0	3.8		
			Germany	3.7	2.5		
			France	2.7	2.9		
			Canada	1.9	2.7		
			Netherlands	1.7	1.1		
			South Korea	1.7	1.8		

Fund Inception Date:11/20/17

¹MSCI All Country World Index (MSCI ACWI): A free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. It is not possible to invest directly in an index.

All ratios are calculated using the weighted average or weighted harmonic average using adjustments to account for negative items. Information is provided to illustrate typical sectors and securities in which the portfolio may invest and to reflect representative portfolio characteristics. It should not be considered investment advice or a recommendation to buy or sell any security. There is no guarantee that securities remain in the portfolio or that securities sold have not been repurchased. It should not be assumed that any investments were profitable or will prove to be profitable, and past performance does not guarantee future results.

Appendix

INVESTMENT TEAM BIOGRAPHIES

Christopher E. Vella, CFA

Portfolio Manager and Chief Investment Officer, Multi-Manager Solutions

Chris Vella is a Portfolio Manager and Chief Investment Officer of the Multi-Manager Solutions Practice. As Chief Investment Officer, he is responsible for manager research and portfolio construction processes across all of Northern Trust's Multi-Manager Solutions Practice. He manages a team of investment professionals across all traditional asset classes. The team covers all external manager relationships on behalf of Northern Trust's private and institutional clientele.

Prior to joining Northern Trust, Mr. Vella was a founding member of Goldman Sachs's external manager business which consists of institutional and private client assets. While at Goldman, he managed the international and emerging markets equity team. Prior to Goldman Sachs, Mr. Vella spent close to 6 years at SEI Investments working primarily on international equity and emerging markets equity manager research. He has over 20 years of manager research experience.

He received a B.S. magna cum laude in Finance with a minor in Applied Mathematics from Lehigh University and was elected into the Phi Beta Kappa honor society. He is a member of the New York Society of Financial Analysts. Mr. Vella is a CFA charterholder.

Jessica K. Hart

Portfolio Manager, Multi-Manager Solutions

Jessica Hart is a Portfolio Manager on the Multi-Manager Solutions team and leads Northern Trust OCIO Retirement Assets Practice. Jessica joined Northern Trust in 2000 and has worked in the Multi-Manager Solutions group since 2000. Jessica and her team serve as an extension of an institutional investor's staff, responsible for design, implementation, monitoring and evaluation of the client's entire investment program. She serves on the Investment Oversight Committee.

Jessica was previously responsible for the manager investment due diligence and portfolio management functions within the Multi-Manager Investments Practice. With a team of 14, Jessica was responsible for manager selection and due diligence, monitoring, termination and multi-manager portfolio management.

Prior to joining Northern Trust, Jessica was a Consultant with the Financial and Commodities Risk Consulting group of Arthur Andersen LLP. Jessica has a B.S. in Economics from the University of Wisconsin, Madison and an MBA from New York University, Stern School of Business.

DISCLOSURE AND RISKS

All data is as of date indicated and subject to change.

Emerging and Frontier Markets Risk: Emerging and frontier market investing may be subject to additional economic, political, liquidity and currency risks not associated with more developed countries. Additionally, frontier countries generally have smaller economies or less developed capital markets than traditional emerging markets and, as a result, the risks of investing in emerging market countries are magnified in frontier countries.

Equity Risk: Equity securities (stocks) are more volatile and carry more risk than other forms of investments, including investments in high-grade fixed-income securities. The net asset value per share of this Fund will fluctuate as the value of the securities in the portfolio changes.

Foreign (Non-U.S.) Securities Risk: Investing in foreign (non-U.S.) securities may result in the Fund experiencing more rapid and extreme changes in value than a fund that invests exclusively in securities of U.S. companies, due to less liquid markets, foreign government intervention and adverse economic, political, diplomatic, financial and regulatory factors.

Multi-Manager Risk: is the risk that the sub-advisers' investment styles will not always be complementary, which could affect the performance of the Fund.

Market Turbulence Resulting from COVID-19: The outbreak of COVID-19 has negatively affected the worldwide economy, individual countries, individual companies and the market in general. The future impact of COVID-19 is currently unknown, and it may exacerbate other risks that apply to the Fund.

DEFINITIONS

¹ MSCI All Country World Index (MSCI ACWI): A free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. It is not possible to invest directly in an index.

Weighted Average Market Capitalization: a firm's closing stock price multiplied by the number of shares.

Positive Trailing P/E: the sum of a company's price-to-earnings. Calculated by taking the current stock price and dividing it by the current earnings per share for the past 12 months, excluding those companies with negative earnings.

Price to Book: a ratio used to compare a stock's market value to its book value. It is calculated by dividing the current price of the stock by the latest quarter's book value per share.

IMPORTANT INFORMATION

About Northern Funds

An investment in Northern Funds is not insured by the FDIC, and is not a deposit or obligation of, or guaranteed by The Northern Trust Company or any affiliate. An investment in Northern Funds involves risks, including possible loss of principal.

Please carefully read the prospectus and summary prospectus and consider the investment objectives, risks, charges and expenses of Northern Funds before investing. Call 877-867-1259 to obtain a prospectus and summary prospectus, which contains this and other information about the funds.

Northern Funds are distributed by Northern Funds Distributors, LLC, not affiliated with Northern Trust.

Not FDIC Insured | May lose value | No bank guarantee



**NORTHERN
TRUST**