

# TREND PLUS STRATEGY

## Investment Objective\*

Absolute Return strategy with a volatility target of 15% (gross). It also attempts to limit the risk of capital loss.

## Investment Approach

Systematic macroeconomic investment process includes trend, non-trend directional and relative value strategies, which seek to harvest risk premia in a non-linear fashion and emphasize drawdown avoidance.

## Key Features

- Invests long and short across global equity, fixed income, currency and commodity markets
- Utilizes deep academic/theoretical input to generate signals, with a heavy focus on research and signal evolution
- Incorporates time-varying weights for Trend as well as macroeconomic, value, carry, sentiment, and intermarket linkages in a dynamic process
- Employs advanced risk management techniques seeking to protect client capital, focusing on downside volatility
- Proprietary execution management system provides for continuous intraday trading

## Experienced Portfolio Management

Team of 21 individuals, including leading econometricians and experts in portfolio construction

Dr. Sushil Wadhvani, CBE, Chief Investment Officer

## Strategy Performance & Risk Statistics

### Since Inception (1 Sept 2005 to 31 Mar 2023)

Portfolio Characteristics	Gross	Net
Annualized Arithmetic Return (%)	11.32	7.01
Annualized Standard Deviation (%)	13.29	12.03
Information Ratio	0.85	0.58
Sortino Ratio	1.68	1.03
MAR Ratio	0.77	0.39

Net Returns are presented in USD and net of fees based on the highest institutional fee available at a given point in time, which includes expenses and interest earned on cash balances. This fee is not applicable to all investors. Gross strategy returns include interest earned on cash balances, and are gross of fees and expenses. Annualised return, Information and Sortino ratios are based on annualised arithmetic returns. The MAR ratio uses compounded returns. The Information ratio is the ratio of annualised arithmetic return to the annualised standard deviation as shown in the table, using zero benchmark return. The Sortino ratio is the annualised arithmetic return, divided by the "downside deviation", using a zero benchmark return – with the downside deviation being similar to the standard deviation, but with returns measured relative to the benchmark rather than the average, and calculated using only negative returns, with all return periods in the sample total.

**Past performance is not a guarantee or reliable indicator of future results.**

### About PGIM Wadhvani

PGIM Wadhvani LLP was founded in October 2002 as Wadhvani Asset Management (WAM) by Dr. Sushil Wadhvani, CBE. Investment operations commenced in January 2003. PGIM Wadhvani is a London-based asset management company, authorized and regulated by the Financial Conduct Authority (No: 219900), which specializes in systematic/quantitative macro investing.

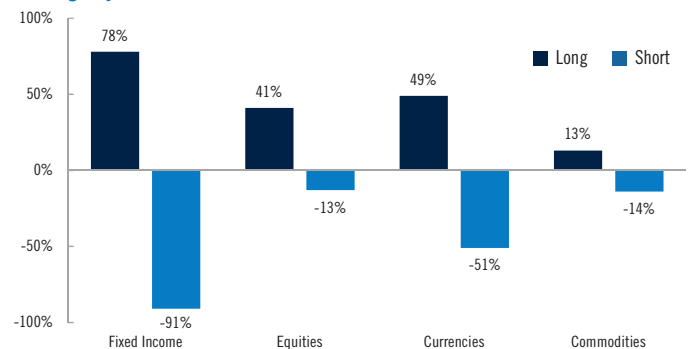
**For Professional Investors Only. All investments involve risk, including the possible loss of capital.**

\*There can be no guarantee that this objective will be achieved.

Inception date for the Trend Plus Strategy is 1 September 2005.

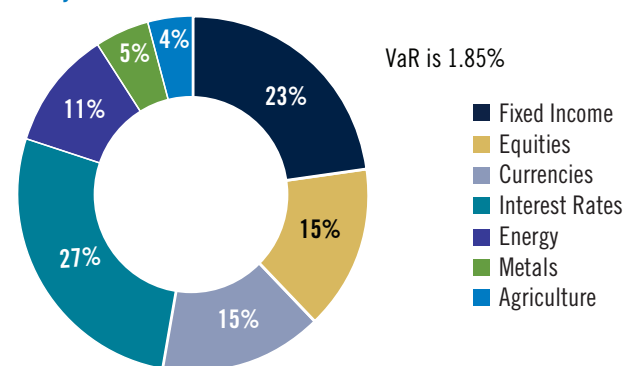
No investment strategy or risk management technique can guarantee returns or eliminate risk in any market environment.

## Leverage by Asset Class



Source: PGIM Wadhvani. As of 31 March 2023.

## Risk by Asset Class



Source: PGIM Wadhvani. Risk is measured as the monthly average VaR (95%, 1 Day). Diversification benefit not represented. Holdings are subject to change.

## Net Performance Attribution

### (1 Jan 2023 to 31 Mar 2023)

Asset Class	Net YTD
Equities	-3.71%
Fixed Income	-5.57%
Currencies	-0.77%
Commodities	-0.16%
<b>Total</b>	<b>-10.21%</b>

Source: PGIM Wadhvani. This attribution decomposes total net returns, including cash interest, less highest institutional fees and expenses. Estimates are based on gross internal trading returns (USD), with cash interest, less fees and expenses split between categories, based on risk allocations. Holdings-based analysis is used to illustrate significant performance drivers and is not intended to be a formal accounting of returns. Holdings are subject to change. Trend is for directional systems only. Totals may not add up due to rounding.



As of 31 March 2023

**Strategy Investment Total Returns – Net Returns (%)**

Year	Trend Plus (Net)	SG Trend Index	Net Alpha
2023 (1/1-31/3)	-10.02%	-7.27%	-275 bps
2022	31.83	27.35	+448
2021	11.51	10.63	+88
2020	7.90	5.79	+211
2019	19.63	9.23	+1,041
2018	0.39	-8.11	+850
2017	3.08	2.20	+88
2016	-4.07	-6.14	+207
2015	2.16	0.04	+212
2014	15.21	19.70	-448
2013	-3.98	2.68	-665
2012	6.55	-3.53	+1,008

**Net Returns (%)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Full Year/YTD
2023	-4.25	1.03	-6.98										-10.02
2022	1.76	5.08	8.39	4.84	-1.37	8.51	-1.72	1.23	4.93	-1.09	-3.60	1.85	35.74
2021	-0.13	8.81	0.14	3.05	0.98	-0.65	2.02	-0.25	-1.50	4.03	-5.10	0.16	11.51
2020	2.21	-1.00	-3.77	0.31	-0.67	1.23	4.09	3.11	-5.27	-0.87	4.53	4.30	7.90
2019	3.79	-2.41	5.71	2.89	2.47	5.05	1.95	6.69	-2.16	-3.22	-0.15	-1.90	19.63
2018	8.92	-3.66	0.58	-0.69	-1.69	-2.21	-0.77	0.84	-3.51	-1.12	-0.31	4.68	0.39
2017	-2.16	1.81	-1.80	-0.16	2.54	-4.04	1.56	1.98	-0.30	4.30	0.98	-1.37	3.08
2016	3.69	2.31	-3.79	-1.21	-3.73	0.55	2.16	-1.53	-0.24	-1.10	-3.23	2.33	-4.07
2015	8.73	1.70	2.16	-4.67	-0.12	-4.85	5.12	-3.19	-2.35	-0.17	4.04	-3.29	2.16
2014	-2.95	1.04	-3.56	-0.64	2.10	2.33	0.08	3.71	1.31	2.71	6.62	1.92	15.21
2013	2.76	-4.77	1.23	2.99	-2.91	-1.51	-3.32	-4.37	0.71	2.87	1.67	1.06	-3.98
2012	-0.29	3.08	-4.24	-2.24	8.85	-4.01	5.37	-0.51	0.01	-2.84	1.48	2.52	6.55
2011	-2.82	1.32	-1.62	3.50	-3.16	-0.70	3.66	-1.82	0.15	-1.96	-1.45	-0.87	-5.90
2010	-3.56	0.83	2.86	1.46	0.85	0.43	0.01	0.21	1.25	1.75	-0.79	1.13	6.47
2009	-2.69	1.07	-2.05	-2.23	4.23	-2.84	0.47	0.41	1.92	-3.93	4.31	-1.84	-3.54
2008	9.47	5.76	-0.67	-0.73	3.31	9.22	-2.91	-2.04	-1.22	10.99	6.76	2.64	47.21
2007	1.87	-7.26	-1.60	6.47	8.41	1.27	-3.71	-1.76	5.85	1.52	-4.66	-2.00	3.20
2006	2.30	0.52	2.16	3.47	-3.15	-2.39	-6.63	0.33	-2.84	0.88	1.31	5.13	0.48
2005									5.36	-7.20	2.33	0.20	0.25

Year	Trend Plus (Net)	SG Trend Index	Net Alpha
2011	-5.90	-7.93	+203
2010	6.47	13.16	-669
2009	-3.54	-4.80	+126
2008	47.21	20.87	+2,633
2007	3.20	8.58	-538
2006	0.48	8.23	-775
2005 (1/9-31/12)	0.25	1.29	-104

Annualized	1 Year	3 Year	5 Year	10 Year	Since Inception <sup>1</sup>
Net Return (%)	2.35	13.60	10.19	6.82	6.48
SG Trend Index (%)	0.34	10.55	7.61	4.67	4.72
Alpha (bps)	+201	+305	+258	+215	+176

**Past performance is not a guarantee or reliable indicator of future results.** Net Returns are presented in USD and net of fees based on the highest institutional fee available at a given point in time, which includes expenses and interest earned on cash balances. This fee is not applicable to all investors. Gross strategy returns include interest earned on cash balances, and are gross of fees and expenses. <sup>1</sup>The inception date for the Trend Plus Strategy was 1 September 2005. Source: Bloomberg and PGIM Wadhvani.

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