



MARKETING COMMUNICATION | FOR PROFESSIONAL CLIENTS ONLY | NOVEMBER 2024

A SYSTEMATIC AND GLOBAL MULTI-ASSET STRATEGY

The BNP Paribas Multi-Asset Global Diversified Index allows investors to benefit from higher returns with lower volatility due to:

- A diversified universe of underlyings, in both asset class and region;
- A daily and dynamic asset allocation;
- A proprietary rule-based methodology using trend following;
- A daily volatility control mechanism with a 5% volatility target.

Currency	Type of index	Live date	Bloomberg code	Reuters code		
USD	Excess Return	26 Sep. 2022	BNPIMCD5 Index	.BNPIMCD5		



* The evaluation was carried out in accordance with the SOC1/ISAE3402 attestation standard, as of September 30, 2016.



The BNP Paribas Multi-Asset Global Diversified Index is based on the successful investment methodology of the BNP Paribas Multi-Asset Diversified Index, created in 2012

BNP PARIBAS MULTI-ASSET GLOBAL DIVERSIFIED INDEX

Diverse Components

- The Index sources its performance from ten index components, which have been selected based on the following principles:
- Diversity in geographic zones covered (Europe, US, Japan and China);
- The use of market benchmarks;
- Components representing multiple asset classes

Daily Dynamic Allocation

- The Index dynamically rebalances the weightings of the components according to a proprietary rule-based methodology using trend following. This process follows three steps:
 - 1st Step: the Index creates a universe of potential Hypothetical Portfolios, with components differently weighted across the board;
 - **2nd Step:** the Index then tests the different portfolio combinations in the universe, considering only those with a long term realized volatility below a certain level:
 - 3rd Step: the final Hypothetical Portfolio is chosen based on a proprietary rule-based methodology that uses trend following principles, meaning that it allocates more weight to recent outperformers and less to recent underperformers.

Daily Volatility Control

The Hypothetical Portfolio of the Index targets an annualised realized volatility of 5%. On a daily basis, if the realised volatility exceeds 5%, the Index will reduce the weight of the portfolio and rebalance it with a non-remunerable hypothetical cash position.

Investment Univers	se			
Underlying	Region			
BNP Paribas Eurozone Equity Futures	Europe			
BNP Paribas EUR 10Y Futures	Europe			
BNP Paribas Japan Equity Futures	Japan			
BNP Paribas JPY 10Y Futures	Japan			
BNP Paribas US Equity Futures	US			
BNP Paribas USD 10Y Futures	US			
BNP Paribas China A Connect Equity Futures	China			
S&P GSCI Industrial Metals ER	Global			
S&P GSCI Energy ER	Global			
S&P GSCI Gold Index ER	Global			

PERFORMANCE ANALYSIS (SIMULATIONS UNTIL 26 SEPTMEBER 2022)

As of November 29th, 2024



Dec 02 - Nov 24	:Multi Asset Global Diversified
Annualised Performance	5.64%
Annualised Volatility	4.92%
Annualised Sharpe Ratio	1.15
Max Drawdown	-9.55%

- - 26 Sep 2022: Launch Date Source: Bloomberg, BNP Paribas. Performance simulations based on historical data from 31 December 2002 to 26 September 2022, historical performance thereafter.





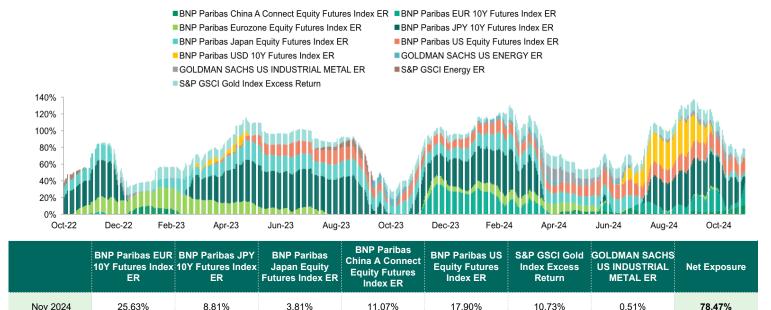
MONTHLY SIMULATED PERFORMANCES

As of November 29th, 2024

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2024	0.57%	1.77%	2.17%	-1.61%	0.74%	-0.03%	-0.54%	-1.03%	1.27%	-1.80%	-0.10%		1.32%
2023	2.66%	-0.86%	0.84%	0.54%	0.75%	2.55%	0.27%	-1.36%	-1.25%	-1.93%	1.15%	0.76%	4.07%
2022	-1.07%	2.33%	3.40%	-1.14%	-0.04%	-1.26%	-0.60%	-1.51%	-2.23%	1.69%	0.22%	-2.79%	-3.14%
2021	-0.32%	1.71%	-0.46%	1.33%	0.99%	0.21%	1.78%	-0.33%	-1.66%	0.92%	-2.14%	1.12%	3.10%
2020	0.60%	-3.35%	-3.26%	0.46%	-0.07%	1.61%	5.12%	0.81%	-0.78%	-0.16%	3.84%	1.10%	5.74%
2019	1.32%	1.47%	2.13%	1.26%	-1.42%	3.53%	0.58%	1.97%	-0.34%	0.86%	0.08%	0.78%	12.81%
2018	1.33%	-3.01%	-0.37%	0.69%	0.26%	0.04%	-0.26%	1.12%	1.33%	-3.48%	-0.58%	-0.67%	-3.66%
2017	-0.01%	2.32%	-0.52%	0.53%	1.00%	-1.07%	1.37%	2.60%	-1.11%	3.40%	0.62%	0.69%	10.17%
2016	-0.08%	2.82%	0.52%	0.09%	-0.61%	3.56%	1.53%	-1.57%	0.14%	-1.89%	0.39%	0.60%	5.49%
2015	1.29%	1.61%	1.37%	0.35%	-0.00%	-1.88%	1.18%	-3.34%	-0.45%	0.84%	0.18%	-1.46%	-0.43%
2014	-0.57%	1.55%	-0.35%	0.36%	2.81%	1.33%	-0.71%	1.98%	-0.59%	0.30%	2.77%	1.90%	11.23%
2013	1.00%	1.46%	2.38%	2.74%	-1.38%	-3.32%	1.05%	-0.66%	1.91%	2.06%	1.48%	-0.68%	8.15%
2012	1.94%	1.33%	0.32%	0.84%	-0.63%	0.14%	1.63%	0.64%	0.62%	-0.55%	1.45%	1.41%	9.48%
2011	-0.64%	0.66%	-1.22%	2.10%	0.29%	-1.40%	3.40%	1.51%	-0.67%	0.63%	-0.13%	0.53%	5.06%
2010	-0.92%	1.32%	1.50%	1.38%	-0.29%	1.27%	-0.01%	3.27%	1.07%	0.28%	-1.11%	-0.18%	7.77%
2009	-1.86%	0.28%	0.45%	-0.86%	0.21%	-0.08%	2.17%	0.72%	1.34%	-0.54%	2.97%	-1.13%	3.61%
2008	0.55%	2.44%	0.00%	-1.19%	-0.56%	0.55%	-1.03%	-0.57%	-0.70%	-1.55%	2.47%	1.78%	2.11%
2007	-0.39%	0.43%	-0.75%	1.02%	0.00%	-0.51%	-0.08%	0.70%	2.58%	3.40%	-0.47%	0.13%	6.14%
2006	2.73%	-0.56%	0.78%	1.38%	-1.80%	-0.92%	0.13%	0.79%	0.90%	1.20%	1.99%	0.61%	7.39%
2005	0.14%	0.24%	0.22%	-1.09%	1.96%	2.02%	0.60%	1.76%	0.65%	-1.87%	2.46%	2.22%	9.60%
2004	0.49%	1.98%	0.31%	-2.07%	-0.51%	-0.05%	0.13%	0.31%	2.67%	0.98%	1.11%	-0.08%	5.31%
2003	2.43%	2.03%	-2.87%	1.17%	6.46%	-0.69%	-1.03%	0.97%	0.29%	1.65%	0.02%	3.65%	14.67%

Source: Bloomberg, BNP Paribas. Performance simulations based on historical data from 31 December 2002 to 26 September 2022, historical performance thereafter. Past performance or simulated performance is not an indicator of future performance.

ASSET EXPOSURE (INCLUDING DAILY VOLATILITY CONTROL MECHANISM)



Source: Bloomberg, BNP Paribas. Simulations of end-of-month allocation. Exposure figures that are shown include the daily volatility control and are rounded to the second decimal place.

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