

BNPP Delta One Certificate su Aleph Adaptive Risk Allocation Certificate EUR

Factsheet Jun 2023



BNP PARIBAS



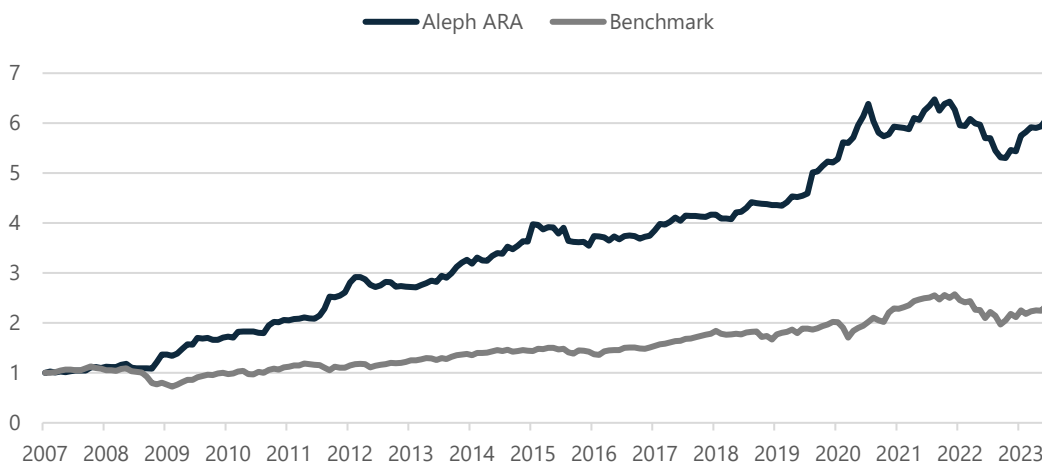
INVESTMENT OBJECTIVE

The objective of this product is to provide a return linked to the performance of the Aleph Adaptive Risk Allocation Index composed of a universe of equity securities, ETFs, and/or proprietary indices selected by Pairstech Capital Management, which acts as the Index Allocation Manager.

PERFORMANCE %

	1M	3M	6M	YTD	1Y	3Y	5Y	10Y	Period
Aleph ARA	3,47	2,74	11,81	11,81	6,60	-0,92	43,83	115,36	507,71
Benchmark	3,99	6,18	10,88	10,88	11,96	20,77	32,38	86,59	134,79

CUMULATIVE RETURN % (base=100)



MONTHLY RETURNS %

	Gen	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2007	0,08	2,76	-2,31	2	-0,8	1,88	1,02	0,07	-0,16	5,92	0,83	-1,57	9,88
2008	2,14	-0,46	-0,17	4,22	1,44	-6,27	-1,16	-0,28	0,41	-0,61	11,67	12,37	24,15
2009	-0,02	-1,62	3,31	7,03	6	-0,34	8,27	-0,52	0,64	-2,05	-0,26	2,74	25
2010	1,32	-1,21	6,74	0,48	-0,17	0,11	-1,47	-0,24	8,4	3,76	-0,32	2,03	20,64
2011	-0,21	1,37	0,26	1,22	-0,89	-0,37	2,98	6,3	10,56	-0,27	1,04	2,53	26,75
2012	7,62	4,05	-0,02	-1,54	-3,85	-1,55	1,23	2,46	-0,21	-3,14	0,51	-0,68	4,4
2013	-0,22	-0,2	1,79	1,3	1,8	-0,82	4,23	-1,24	3,04	4,23	2,82	1,85	20
2014	-2,5	3,79	-1,57	-0,22	2,8	1,74	-0,26	4,21	-1,62	2,12	2,51	-0,26	11
2015	9,58	-0,2	-2,35	1,17	-0,24	-2,97	3,02	-6,75	-0,62	-0,19	0,19	-2,01	-2,16
2016	5,36	-0,21	-0,52	-1,71	2,33	-1,53	1,7	0,31	-0,2	-1,5	1,04	0,61	5,59
2017	2,9	3,27	-0,29	1,41	2,1	-1,47	2,48	-0,2	-0,02	-0,24	-0,25	1,17	11,29
2018	-0,09	-1,77	-0,05	-0,24	3,3	0,27	1,87	2,58	-0,45	-0,24	-0,2	-0,37	4,6
2019	-0,05	-0,21	1,63	2,52	-0,21	0,53	0,93	9,34	0,29	2,2	1,79	-0,37	19,57
2020	1,35	6,23	-0,14	1,9	4,23	3,02	4,07	-5,37	-3,9	-1,18	0,73	2,65	13,77
2021	-0,28	-0,21	-0,38	3,81	-0,69	3,1	1,53	2,05	-3,47	2,11	0,76	-2,47	5,74
2022	-5,01	-0,23	2,29	-1,41	-0,49	-4,44	0,02	-4,38	-2,54	-0,24	2,99	-0,44	-13,35
2023	5,79	1,28	1,62	-0,2	0,51	2,39							11,81

PRODUCT DETAILS

ISIN

XS2465014913

Name

BNPP Delta One Certificate on Aleph Adaptive Risk Allocation Index in EUR

Underlying

Aleph Adaptive Risk Allocation Index

Index Bloomberg Ticker

ENHAARAS Index

Currency

EUR

Nominal Value

EUR 1000

Minimum Investment

1 Certificate o multiples

Listing

EuroTLX (MTF)

Issue Date

6 February 2023

Running Fee

1 % p.a. (included in the index value)

Performance Fee

15,00% High-Water Mark included in the index value)

Structuring Fee

0,5 % p.a.

Issuer

BNP Paribas Issuance B.V.

Guarantor

BNP Paribas (S&P's A+)

Index Sponsor

BNP Paribas

Index Calculation Agent

BNP Paribas Arbitrage SNC

Index Allocation Agent

Pairstech Capital Management LLP

Data Source

BNP Paribas, Bloomberg, S&P Global

Data Processing

Pairstech Capital Management LLP

Benchmark

60% S&P Global BMI TR (USD) + 40% Bloomberg Us Agg Total Return Value Unhedged (USD)

Disclaimer

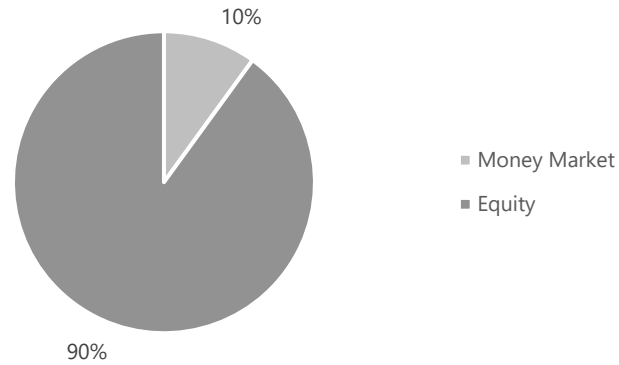
Performance data from 2007 to January 2023 represent the performance of the underlying index, and consequently the performance of the certificate may not be like that of the underlying due to fees and expenses. Past performance should not be considered an indicator of future performance.



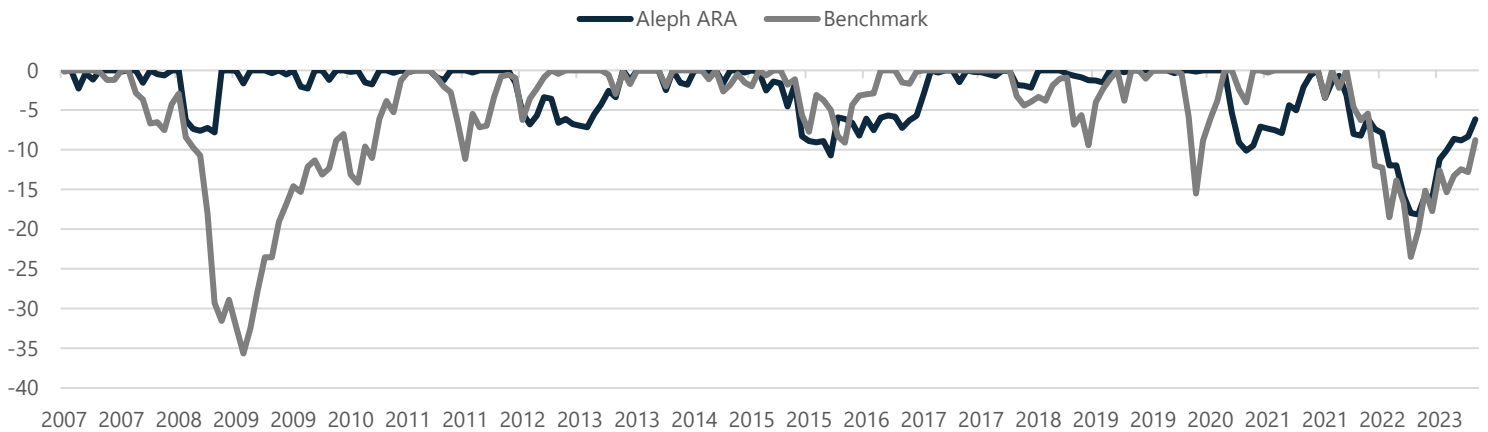
STATISTICS

	Aleph ARA	Benchmark
Ann. Return %	11,56	5,31
Ann. Volatility. %	10,11	11,31
Sharpe Ratio	1,14	0,47
Max Drawdown %	18,15	35,65
Recovery Period	--	24,00
Ann. VaR95 %	10,38	18,45
Ann. cVaR95 %	16,13	26,73
Info Ratio	0,50	0
Ann. Alpha %	10,26	0
Beta	0,29	1
Correlation	0,32	1

BREAKDOWN BY ASSET CLASS



HISTORICAL DRAWDOWN %



INDEX DESCRIPTION

The Index uses a risk-based tactical asset allocation strategy with a low correlation to the S&P500 stock index, protecting investors from significant capital reduction during sustained bear markets. The Index is generally composed of a basket of ETFs that invest in U.S. equities, developed and emerging international equities, as well as ETFs that invest in U.S. nominal and indexed government bonds. Allocations within the Index are determined by proprietary quantitative models that include various absolute and risk measures calculated on the S&P500 evaluated over different time horizons. The system is dynamic and adaptive with monthly rebalancing: if the overall risk level is high, the system shifts the allocation on bonds or cash, otherwise it remains invested in equities. Exposure can vary from 0 to 100% for each asset class.

CONTACTS

Aleph Finance

Tel +44 (0) 20 8175 9300

Website | Email www.alephfinance.com | info@alephfinance.com

Address Tallis House 2 Tallis St, Blackfriars EC4Y 0AB – London (UK)

Advertising message with promotional purpose

This document is prepared for informational and promotional purposes and the information contained herein does not constitute research, advice, or an offer to the public of the financial instruments mentioned herein. Aleph Finance assumes no liability in connection with the improper use of the information contained herein. The amounts, expressed as percentages or in euros, the scenarios and the information and graphs with financial content shown here are merely indicative and are for illustrative and non-exhaustive purposes only. The performance of the underlying and the returns represented are not indicative, nor are they a guarantee, of future performance. Changes and events occurring after the date of this document may affect the validity of the information contained herein, and Aleph Finance assumes no obligation to update and/or revise this document or the information and/or data on which it is based. Some information in this document is based on external sources. Aleph Finance makes no warranties (express or implied), nor assumes any liability with respect to the accuracy, completeness, or reliability of such information, or assumes any obligation for damages, losses, or costs resulting from any error or omission contained herein. **This document has not been prepared, and the information contained herein has not been verified, by the issuing company, the guarantor company, or any other BNP Paribas group company; these companies therefore assume no responsibility for the information contained herein.** This document does not form part of the offering documentation, nor can it replace it for the purpose of making a proper investment decision, nor does it constitute reporting on the financial instruments. Before making an investment decision in order to fully understand the potential risks and rewards associated with the decision to invest in the financial instruments mentioned herein, it is recommended to refer to the key information document (KID), where available, the base prospectus, as updated by subsequent supplements, the summary note and the related final terms, which can be found on the website www.investmenti.bnpparibas.it. Investment in the financial instruments involves, among others, the risk of total or partial loss of the invested capital, as well as the issuer risk and the risk of the guarantor being subject to bank crisis management tools (bail-in). If the financial instruments are sold before maturity, the investor may incur capital losses.