# BNP PARIBAS FLEXI I ABS EUROPE IG - (I share class, capi.)

This is for illustrative purposes only and should not be used as a basis for making any specific investment, business or commercial decisions.

# RISK AND REWARD INDICATOR Lower risk Higher risk typically lower reward typically higher reward 1 2 3 4 5 6 7

The higher the risk, the longer the recommended investment horizon.

The investments in the funds are subject to market fluctuations and the risks inherent in investments in securities. The value of investments and the income they generate may go down as well as up and it is possible that investors will not recover their initial outlay, the fund described being at risk of capital loss.

#### CODES

ISIN	LU1815417339
Bloomberg Ticker	BNPEIGI LX Equity

#### **KEY FIGURES AS OF 28/07/2023**

NAV (28/07/2023)	1213.48
12M NAV max. (28/07/2023)	1213.48
12M NAV min. (04/10/2022)	1122.73
Initial NAV (29/05/2009)	1000
Total net assets (EURm)	329.91
	Source: Bloomberg

#### **CHARACTERISTICS**

PEA Eligibility

Life insurance eligibility	Yes
Nationality	Luxembourg
Legal form	Mutual fund
Launch date (Fund - Share cl.)	29/05/2009 - 29/05/2009
Base currency (share class)	Euro
Fund Managers	David FAVIER/Olivier BOUTOILLE
Management Company	BNP Paribas AM Luxembourg
External financial administrator	BNP Paribas AM Luxembourg
Max. Entrance fees	0%
Exit fees	0%
Max. Switch Commission	0%
Ongoing charges (annual)	0.25%
Maximum Management fees (annual)	0.25%
Maximum Performance fees (annual)	15% above E3M+1.5%
Periodicity of NAV calculation	Daily
Subscription execution	NAV of D+1
Redemption execution	NAV of D+1
Catg. SFDR <sup>1</sup>	Article 8

# PERFORMANCE ANALYSIS

For further information

	1 Y	31	31
Volatility (%)	3.38	2.59	4.13
Sharpe ratio	1.16	0.42	0.19

Source: Bloomberg

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No

#### INVESTMENT OBJECTIVE

Provides a limited volatility through investment grade exposures.

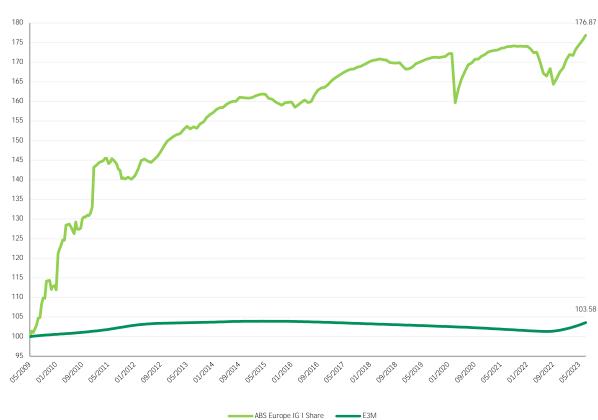
A balanced investment grade strategy with daily NAV. A three year Investment horizon is recommended. Invests in securities backed by granular pools of assets such as residential home loans, personal loans, corporate loans, etc. It is exposed to European real economy.

A European macro exposure through diversification across investment grade securities, regions and sectors.

The strategy invests in floating rate notes securities in order to avoid fixed rate sensitivity

# CUMULATIVE AND ANNUAL PERFORMANCE (EUR, net)

Since Inception - Index May 2009 = 100



Source of performance figures : BNPP AM based on Bloomberg data as of 28/07/2023  $\,$ 

# CUMULATIVE RETURNS AS OF 28/07/2023

Annualised over 1 year, Performances, net of fees

Since	12/2022	1 M	3 M	1 Y	3 Y	5Y	10 Y	Inception*
Share CI.	4.94%	0.67%	2.00%	6.26%	1.46%	0.80%	1.43%	4.05%
Euribor 3M	1.74%	0.30%	0.86%	2.23%	0.40%	0.10%	0.00%	0.41%
Excess return	3.15%	0.40%	1.13%	3.95%	1.06%	0.71%	1.43%	3.80%

Source of performance figures : BNPP AM based on Bloomberg data as of 28/07/2023

# RISK METRICS

Average next coupon date	0.15
Average discount margin (DM)	227
Fixed rate yield equivalent (%) <sup>2</sup>	5.42
Portfolio average rating <sup>3</sup>	A
Weighted average life (WAL)	3.18
Interest rate duration (Yrs)	0.04
	Source: BNPP AM, Intex

<sup>1</sup>SFDR : Sustainable Finance Disclosure Regulation

<sup>2</sup>Based on forward floating rates curves at factsheet date <sup>3</sup>Based on 2nd best ratings (DBRS, Fitch, Moody's or S&P) Cash and non-rated assets excluded

# CALENDAR YEAR RETURNS (Performances, net of fees)

Year	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Share CI.	4.94%	-3.15%	1.20%	0.27%	1.97%	-0.90%	3.35%	2.80%	-0.66%	2.67%	4.03%
Euribor 3M	1.74%	0.22%	-0.54%	-0.42%	-0.35%	-0.32%	-0.33%	-0.26%	-0.01%	0.22%	0.22%
Excess return	3.15%	-3.36%	1.76%	0.70%	2.33%	-0.57%	3.69%	3.06%	-0.65%	2.44%	3.80%

Source of performance figures : BNPP AM based on Bloomberg data as of 28/07/2023

\* Fund's I share launched in May 2009



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#### TOP 10 HOLDINGS

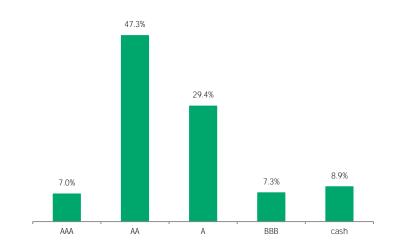
N°	ASSET NAME	RATING	COUNTRY	SECTOR	
1	FEMO 05 B	AA	Italy	Prime RMBS	2.8%
2	RNBLF 2 A	AAA	France	Auto ABS	2.1%
3	JUBIL 2021-25X B1	AA	Mixed	EU CLO	2.0%
4	INVSC 7X B1	AA	Mixed	EU CLO	2.0%
5	DRYD 2015-39X CRR	Α	Mixed	EU CLO	2.0%
6	BBAME 3X C	Α	Mixed	EU CLO	1.9%
7	ACLO 1X BRR	AA	Mixed	EU CLO	1.8%
8	SNDPE 1X B1R	AA	Mixed	EU CLO	1.8%
9	NWDSE 2020-21X B1R	AA	Mixed	EU CLO	1.7%
10	NWEST V-X B1R	AA	Mixed	EU CLO	1.6%

Source: BNPP AM

Based on 2nd best rating (DBRS, Fitch, Moody's or S&P)

The above-mentioned companies are for illustrative purpose only, are not intended as solicitation of the purchase of such securities, and does not constitute any investment advice or recommendation.

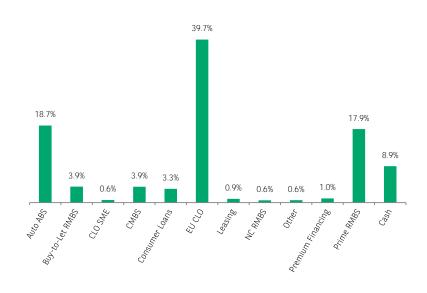
## BREAKDOWN BY RATING (% of NAV)



Source: BNPP AM

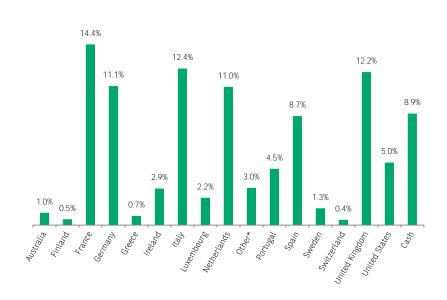
Based on 2nd best rating, source: DBRS, Fitch, Moody's or  $\ensuremath{\mathrm{S\&P}}$ 

### BREAKDOWN BY SECTOR (% of NAV)



Source: BNPP AM, Intex

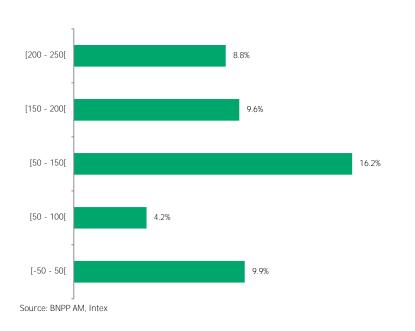
# BREAKDOWN BY COUNTRY (% of NAV) - TOP 15



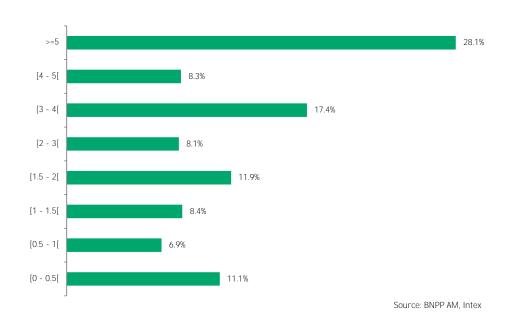
Source: BNPP AM, Intex

\*Other: Mix of countries that do not make the top 15  $\,$ 

# BREAKDOWN BY DISCOUNT MARGIN (% of NAV, bp)



# BREAKDOWN BY WEIGHTED AVERAGE LIFE (% of NAV, years)



\*BNPP AM is the source for all data in this document as at end 28/07/2023, unless otherwise specified

#### MAIN RISKS

Capital loss Risk: The investments in the funds are subject to market fluctuations and the risks inherent in investments in securities. The value of investments and the income they generate may go down as well as up and it is possible that investors will not recover their initial outlay, the funds described being at risk of capital loss.

Liquidity Risk: This risk arises from the difficulty of selling an asset at a fair market price and at a desired time due to lack of buyers.

Derivatives Risk: When investing in over the counter or listed derivatives, the Fund aims to hedge and/or to leverage the yield of its position. The attention of the investor is drawn to the fact that leverage increases the volatility of the sub fund.

Credit Risk: his risk relates to the ability of an issuer to honor its commitments: downgrades of an issue or issuer rating may lead to a drop in the value of associated bonds.

Counterparty Risk: This risk is associated with the ability of a counterparty in an Over the Counter financial transaction to fulfil its commitments like payment, delivery and reimbursement.

ESG Risk: Environmental, Social and Governance (ESG) Investment Risk: The lack of common or harmonized definitions and labels integrating ESG and sustainability criteria at EU level may result in different approaches by managers when setting ESG objectives. This also means that it may be difficult to compare strategies integrating ESG and sustainability criteria to the extent that the selection and weightings applied to select investments may be based on metrics that may share the same name but have different underlying meanings. In evaluating a security based on the ESG and sustainability criteria, the Investment Manager may also use data sources provided by external ESG research providers. Given the evolving nature of ESG, these data sources may for the time being be incomplete, inaccurate or unavailable. Applying responsible business conduct standards in the investment process may lead to the exclusion of securities of certain issuers. Consequently, the Sub-Fund's performance may at times be better or worse than the performance of relatable funds that do not apply such standards.

For a Complete description and definition of risks, please consult the last available prospectus and KID of the funds. Invest ors considering subscribing to a fund should read carefully its most recent prospectus and KID that can be downloaded free of charge from our site www.hpnparibas-am.com

#### **GLOSSARY (GENERAL)**

Alpha: Alpha is an indicator used to measure the value added by an active portfolio manager relative to a passive exposure to a benchmark. A positive alpha expresses an outperformance whereas a negative alpha indicates an underperformance. A simple way to calculate alpha is to subtract a **portfolio's** expected return (based on the **benchmark's** performance adjusted with the beta of the portfolio, see Beta definition for further details). For instance, an alpha of 0.50 means that the portfolio outperformed the market-based return (benchmark's performance adjusted from the Beta exposure of the portfolio) by 0.50%.

Beta: Beta is a measure of portfolio market risk; financial indices (such as MSCI World) represent the market and are consistent with the **portfolio's** guidelines. It measures the sensitivity of portfolio performance to the performance of the market. For example, a beta of 1.5 means the portfolio will move by 1.5% for a market performance of 1%. Mathematically, it is the correlation between the portfolio and the market multiplied by their ratio of volatilities.

Convexity: Convexity measures the sensitivity of the price to interest rate fluctuations. Generally, bonds exhibit positive convexity.

Coupon: A certificate attached to a bearer security (share or bond) that entitles the holder to payment of dividend or interest. A bond will have one coupon for each interest payment.

Equity risk: Equity risk is "the financial risk involved in holding equity in a particular investment." Equity risk often refers to equity in companies through the purchase of stocks, and does not commonly refer to the risk in paying into real estate or building equity in properties.

Investment grade: Investment grade is a high consideration of credit quality (low probability of default) assigned by a rating agency. For instance, to be classified investment grade according to Standard and Poor's, a bond or an issuer must have a rating greater than BBB-. Investment grade is opposed to high yield.

Maturity: Residual duration before the redemption of the principal amount of a bond.

Modified duration: A measure of a bond's sensitivity to changes in interest rates, and the higher the duration. The rule is that if the yield rises or falls by 1%, the value of the bond will fluctuate by 1% x duration.

 $R^2$ : The Correlation Coefficient indicates the strength and direction of a linear relationship between fund performance and benchmark. The coefficient is an element of [-1,1], where 1 equals a perfectly correlated increasing linear relationship, -1 equals a perfectly correlated decreasing linear relationship, and 0 means that there is no linear correlation.

Rating: An evaluation of a corporate or municipal bond's relative safety from an investment standpoint. Basically, it scrutinizes the issuer's ability to repay principal and make interest payments.

Sharpe ratio: A measure for calculating risk-adjusted return. It indicates the return earned in excess of the risk-free rate per unit of risk. It is calculated by dividing the difference between the return and the risk-free rate by the standard deviation of the return on the investment. The Sharpe ratio indicates whether the excess return was obtained thanks to good investment management or by taking additional risk. The higher the ratio, the better the risk-adjusted return.

Volatility: An asset's volatility is the standard deviation of its return. As a measure of dispersion, it evaluates the uncertainty of asset prices, which is often equated to their risk. Volatility can be calculated ex post (retrospectively) or estimated ex ante (anticipatively).

YTM (Yield To Maturity): A yield calculation that takes into account the relationship between a security's maturity value, time to maturity, current price, and coupon yield.

YTP (Yield to put) / YTM (Yield to Maturity): Yield to maturity has a few common variations that are important to know. One such variation is Yield to put (YTP) that is the interest rate that investors would receive if they held the bond until its put date.

Article 8 : An Article 8 Fund under SFDR is defined as "a Fund which promotes, among other characteristics, environmental or social characteristics, or a combination of those characteristics, provided that the companies in which the investments are made follow good governance practices."

## GLOSSARY (SECURITISATION SPECIFIC)

ABS : Asset Backed Securities

APP : Asset Purchase Program

ABSPP : ABS Purchase Program

CSPP: Corporate Sector Purchase Program

CBPP: Covered Bond Purchase Program

CRR : Capital Requirements Regulation

BTL: Buy-To-Let RMBS

CLO: Collateralised Loan Obligation (also referred to as "EU CLO" in case of European CLOs)

CMBS : Commercial Mortgage Backed Securities

DM : Discount Margin

ECB: European Central Bank

ERBA: External Rating Based Approach

FRN : Floating Rate Note

IG: Investment Grade

NC RMBS : Non-conforming Residential Mortgage Backed Securities

NR : Non Rated

PSPP : Public Sector Purchase Program

QE : Quantitative Easing

RAROC : Risk Adjusted Return On Capital

RMBS : Residential Mortgage Backed Securities

RWA: Risk Weighted Assets

SCR : Solvency Capital Requirement

TLTRO : Targeted Long-Term Refinancing Operations

 ${\tt UCITS: Undertakings for Collective\ Investment\ in\ Transferable\ Securities\ Directives}$ 

WAL : Weighted Average Life



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