



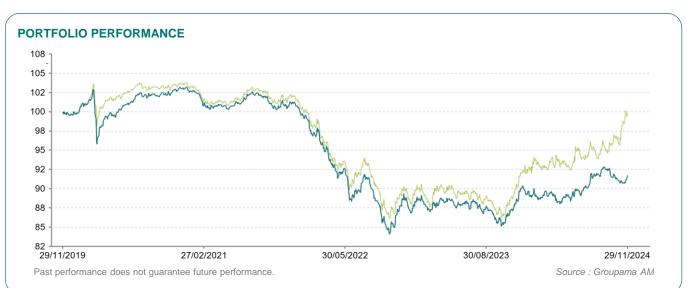
GROUPAMA GLOBAL BOND NC



GROUPAMA GLOBAL BOND NC

BLOOMBERG GLOBAL AGGREGATE EX CHINA, S KOREA, TAIWAN TOTAL RETURN HEDGED USD

Data as of



Net cumulative returns in %

	YTD	1	month	3 months	1 ye	ear	3 years	5 years		10 years
								, i		
Since	29/12/2	23 3	1/10/24	30/08/24	30/17	1/23	30/11/21	29/11/19		-
Fund	1,89		0,81	0,09	4,5	59	-9,08	-8,27		-
Benchmark	8,31		4,00	5,64	11,	59	-2,15	-0,19		-
Excess return	-6,42	2	-3,19	-5,55	-7,0	00	-6,93	-8,08		-
Net annual returns in %										
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Fund	3,68	-13,66	-2,45	3,58	4,82	-2,78	0,95	-	-	-
Benchmark	4,73	-13,27	-2,23	4,24	5,10	-1,04	1,06	-	-	-
Excess return Simulation based on the performance of	-1,05	-0,39	-0,22	-0,66	-0,28	-1,73	-0,11	-	-	-

Simulation based on the performance of the GROUPAMA OBLIG MONDE fund until 20/02/2017. From this date onwards, it is the fund's performance.

Source : Groupama AM

Risk analysis				
	1 year	3 years	5 years	10 years
Volatility	4,07%	5,01%	4,67%	-
Benchmark volatility	5,55%	5,60%	4,84%	-
Tracking Error (Ex-post)	5,33	3,36	2,73	-
Information Ratio	-1,29	-0,73	-0,62	-
Sharpe Ratio	0,10	-1,09	-0,59	-
correlation coefficient	0,42	0,80	0,83	-
Beta	0,31	0,72	0,81	-
			Source :	Groupama AM

	Main risks related to the portfolio
•	Interest rate risk
•	Credit risk
•	Risk of capital loss
•	
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For more information on technical terms, please visit our website: www.groupama-am.cor

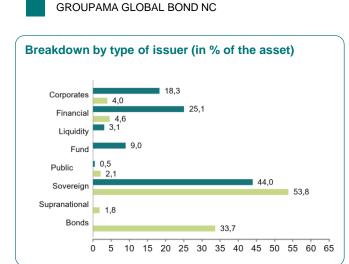
GROUPAMA GLOBAL BOND NC

Aggregate

Data as of 29/11

UCI profile

Number of holdings	108	Yield to maturity	3,5%	
Number of issuers	79	Modified duration	6.2	
Portfolio average rating	BBB+	Duration	6.3	
		Credit derivatives (in %)	0,00%	



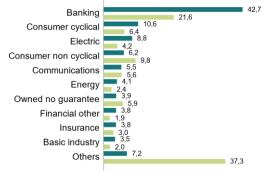
Modified duration breakdown by maturity 0.1 <1 year 0,0 0.3 1-3 years 0,5 1.3 3-5 years 0.7 0,4 5-7 years 0.6 1,8 7-10 years 0,9 0,0 10-15 years 0,6 2,1 15-30 years 2,9



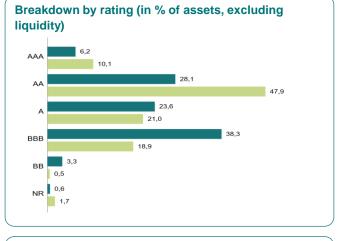
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0.3

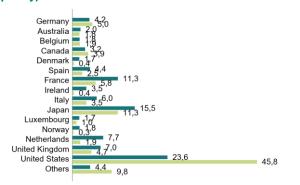
>30 years



BLOOMBERG GLOBAL AGGREGATE EX CHINA, S KOREA, TAIWAN TOTAL RETURN HEDGED USD



Geographical breakdown (as % of assets, excluding liquidity)



2.7

Source : Groupama AM



29/11/2024

Top ten holdings in the portfolio (in % of assets)

	Maturity date	Country	Sector	% of the asset	% of the asset in the benchmark
UNITED STATES OF AMERICA - Groupe	15/11/2032	United States	Treasuries	9,8%	0,2%
UNITED STATES OF AMERICA - Groupe	15/05/2052	United States	Treasuries	6,8%	0,1%
JAPAN - Groupe	20/03/2033	Japan	Treasuries	5,0%	0,0%
JAPAN - Groupe	20/12/2026	Japan	Treasuries	3,2%	0,1%
JAPAN - Groupe	20/03/2043	Japan	Treasuries	3,1%	0,0%
JAPAN - Groupe	20/06/2029	Japan	Treasuries	2,3%	0,0%
UNITED STATES OF AMERICA - Groupe	15/05/2029	United States	Treasuries	2,0%	0,1%
UNITED KINGDOM OF GREAT BRITAI - Groupe	31/01/2032	United Kingdom	Treasuries	1,6%	0,1%
UNITED KINGDOM OF GREAT BRITAI - Groupe	22/07/2052	United Kingdom	Treasuries	1,4%	0,0%
UNITED KINGDOM OF GREAT BRITAI - Groupe	07/12/2028	United Kingdom	Treasurie	Source :	Groupama AM
Total				36.5%	

Investment team

François FREYSSINIER

Benjamin AUGE

Source : Groupama AM





Data as of

29/11/2024

Key ESG performance indicators

Aggregate

• • •		Fund	Universe		Fund	Universe
	Independence of directors	92%	49%	Human rights policy	100%	91%

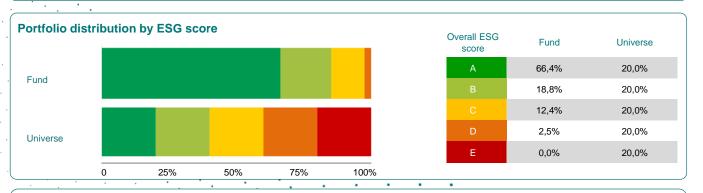
ESG performance indicators

		Measu	rement	Coverage	e rate(*)
Criteria	ESG performance indicator	Fund	Universe	Fund	Universe
Environment	Carbon intensity (in tCO ²)	362	547	97%	92%
Social	Net job creation (in %)	1%	2%	97%	97%
	Training hours (in hours)	30	29	87%	58%
Human Rights	Human rights policy (in %)	100%	91%	97%	98%
Governance	Independance of directors (in %)	92%	49%	94%	98%

(*) The coverage ratio is the percentage of stocks that contribute to the ESG indicator score For definitions of ESG performance indicators, please refer to the last page of the document.

Portfolio ESG score				Score for E, S and	G factors	
		Fund	Universe		Fund	Universe
	Overall ESG score	83	50	Environnement	73	50
ABCDE	Coverage rate	97%	100%	Social	78	50
				Governance	73	50

Levels A B C D E refer to the five equal portions (quintiles) into which the universe is divided, with A being the best score and E the worst.



Best portfolio's ESG score

Value	Sector	Weight	ESG rating
TELIAS 4 5/8 12/21/2082 - 21/12/82	Communications	1,50%	Α
RABOBK 3 1/4 PERP - 29/12/72	Banking	1,45%	Α
SOGESA 6 1/2 05/16/44 - 16/05/44	Insurance	1,31%	Α
CABKSM 6 1/4 02/23/33 - 23/02/33	Banking	1,26%	Α
VIEFP 5.993 PERP - 22/02/73	Utility other	1,25%	Α



Analysis of the fund's credit segment For more information on technical terms, please visit our website: www.groupama-am.com

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Aggregate

ESG performance indicators definition

Carbon intensity

The carbon intensity is the weighted average greenhouse gas (GHG) emissions per million euros of revenue. Scope 1, 2 and 3 emissions are taken into account.

Scope 1 and 2 correspond to emissions directly emitted by the company and those indirectly linked to its energy consumption. Scope 3 emissions are those emitted by the company's suppliers and those emitted during the use and end of life of the products it creates.

Source: MSCI, Groupama AM calculations.

Green Part

The green share is the percentage of a company's revenue devoted to economic activities that contribute positively to energy and ecological transition.

Source: Clarity AI, Groupama AM calculations

Implied temperature

Implied temperature is the difference between a company's projected carbon intensity trajectory and the reference trajectory of a climate scenario compatible with the Paris Agreements. Source: MSCI, Groupama AM calculations.

Net job creation

Average percentage of growth in number of employees over one year.

Source: Moody's ESG, Groupama AM calculations.

Training hours

Average number of training hours per employee per year. Source : Vigeo Eiris, Groupama AM calculations.

Human rights policy

Proportion of portfolio made up of companies that have implemented a human rights policy.

Source : Moody's ESG, Groupama AM calculations.

Independence of directors

Proportion of portfolio made up of companies in which independent directors form a majority on the Board of Directors or Supervisory Board. Source: Moody's ESG, Groupama AM calculations.

For more information on technical terms, please visit our website: www.groupama-am.com

Data source

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Historical modifications of the benchmark (10 years)

04/01/2010 - 07/03/2018	Bloomberg Global Aggregate (hedged in €)
07/03/2018 - 01/01/2024	Barclays Capital Global Aggregate (hedged in €)
01/01/2024	Bloomberg Global Aggregate ex China, S Korea, Taiwan Total Return Hedged USD



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