



# R-co 4Change Net Zero Credit Euro C EUR

Bond and other € debt securities Mutual Fund





COUNTRY OF REGISTRATION FR

















#### **INVESTMENT OBJECTIVE**

The objective of the fund is to outperform the benchmark (Markit iBoxx™ € Corporates), over the recommended investment period and net of management fees, by implementing a discretionary management style combined with a socially responsible investment approach and a dynamic approach to reducing carbon emissions aimed at achieving the Net Zero target in 2050. The portfolio's carbon intensity must be (i) at least 20% below that of the fund's benchmark index, and (ii) respect a downward trajectory of 5% a year, with a target of 7%, established at the end of each financial year, with 31 December 2019 as the reference date. Since 20/12/2019: the stock selection process incorporates an ESG analysis of companies. The performances prior to this date were therefore achieved under conditions that are no longer relevant.



#### **CUMULATIVE PERFORMANCE (%)**

	1 month	2024	1 year	3 years	5 years	10 years
Fund	-0,80	-0,67	4,44	-5,61	-4,84	-1,64
Benchmark	-0,79	-0,43	5,19	-7,86	-5,19	1,44
Relative Difference	-0,01	-0,24	-0,75	2,26	0,36	-3,08

## **ANNUAL PERFORMANCE (%)**

	2023	2022	2021	2020	2019
Fund	7,27	-11,22	-0,32	0,92	1,00
Benchmark	8,19	-14,17	-1,08	2,73	1,72
Relative Difference	-0,91	2,96	0,76	-1,81	-0,71

#### **ANNUALISED PERFORMANCE (%)**

	3 years	5 years	10 years
Fund	-1,90	-0,99	-0,17
Benchmark	-2,69	-1,06	0,14
Relative Difference	0,79	0,07	-0,31

Past performance is not a reliable indicator of future performance.

#### **RISK INDICATORS**

	1 year	3 years	5 years
Fund volatility (%)	3,42	3,90	3,73
Bench. volatility (%)	3,87	5,03	4,81
Sharpe Ratio*	0,21	-0,85	-0,44
Tracking error (%)	0,83	1,59	1,49
Information Ratio	-0,78	0,52	0,05
Beta	0,87	0,75	0,75

Calculation: weekly basis. The figures provided relate to past months and years.

Source: Rothschild & Co Asset Management. This non-contractual document does not constitute an offer to sell or investment advice. Its purpose is to provide you with simplified information on the fund's features. Before any subscription please read the legal notices on page 3. For further information please refer to the regulatory documents (KID or complete prospectus) and/or your usual contact person: Rothschild & Co Asset Management – 29 avenue de Messine – 75008 Paris - France – Tel: (33) 1 40 74 40 74 – AMF approval number GP-17000014

<sup>\*</sup>Replacement of EONIA by ESTR as the new reference short-term interest rate in the eurozone from 01/01/2022.



# Portfolio

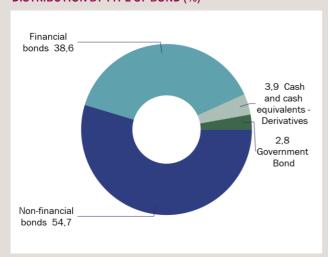
Total number of securities	149
TOP HOLDINGS (%)	
Name	%
Bundesrepub. Deutschland 43/407/04/28	2,8
Volksbank Wien Ag 4 3/4 03/15/27	1,7
Jcdecaux Se 2 5/8 04/24/28	1,4
Acef Holding Sca 0 3/4 06/14/28	1,3
Rte Reseau De Transport 3 3/4 07/04/35	1,2
Mediobanca Di Cred Fin 4 3/4 03/14/28	1,1
Grp Bruxelles Lambert Sa 4 05/15/33	1,1
Vestas Wind Systems Fina 1 1/2 06/15/29	1,1
Carrefour Sa 4 1/8 10/12/28	1,1
Ald Sa 4 07/05/27	1,1

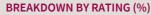
MAIN TRANSACTIONS OVER THE MONTH Name	Side
No movements	
MAIN INDICATORS	

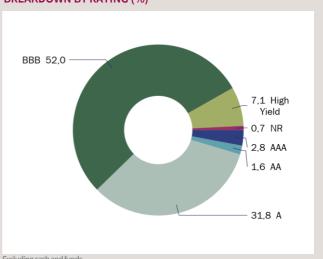
MAIN INDICATORS			
	04/24	03/24	
Duration	3,97	4,08	
Modified Duration	3,81	3,93	
YTM	4,16	4,05	
Average coupon	2,62	2,63	
Average rating*	BBB+	BBB+	
Average maturity	4,19	4,30	
*Elli			

 $<sup>{}^\</sup>star \text{Excluding UCITS and interest rate derivatives}$ 

### **DISTRIBUTION BY TYPE OF BOND (%)**

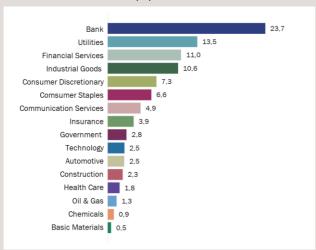




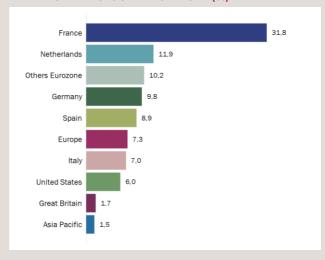


Excluding cash and funds

## **BREAKDOWN BY SECTOR (%)**



#### **BREAKDOWN BY GEOGRAPHICAL ZONE (%)**



Source: Rothschild & Co Asset Management



# Performance analysis

# CONTRIBUTION TO MONTHLY GROSS PERFORMANCE BY DEBTTYPE (%)

Debt type	Average weight	Contribution
Corporate senior	53,0	-0,44
Senior financials - covered	26,7	-0,15
Financial T2	7,7	-0,02
Financial T1	4,4	-0,01
Cash and cash equivalents + Derivatives	3,5	-0,08
Government	2,8	-0,02
Corporate hybrid	1,9	0,00
Total	100,0	-0,72

#### **BREAKDOWN OF SENSITIVITY BY MATURITY**

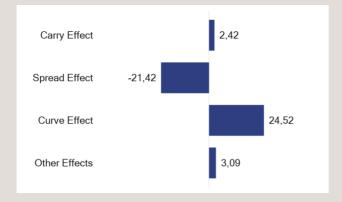
Exposure by maturity	Weight (%)	Contribution to sensitivity
< 1 year	12,1	0,07
1-3 years	26,8	0,58
3-5 years	36,6	1,41
5-7 years	12,8	0,69
7-10 years	9,4	0,86
> 10 years	2,2	0,20
Cash	0,1	0,00
Total	100,0	3,81

Bond futures are included in the maturity breakdown of the sensitivity

#### **EXPOSURE BY CURRENCY**

Currency	Weight	Contribution to sensitivity
EUR	98,7%	3,81
CHF	1,3%	0,00
GBP	0,0%	0,00

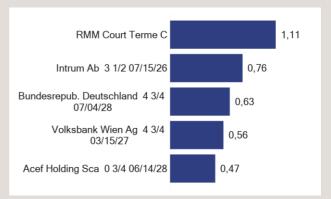
### PERFORMANCE ATTRIBUTION BY TYPE OF EFFECT



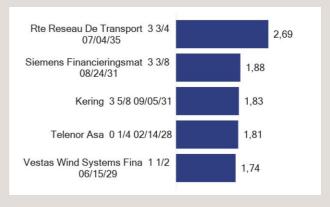
## BEST CONTRIBUTIONS - CURVE EFFECT (BP)



### **BEST CONTRIBUTIONS - CARRY EFFECT (BP)**



## BEST CONTRIBUTIONS - SPREAD EFFECT (BP)



Source: Rothschild & Co Asset Management



## Characteristics

#### Legal

Legal form	FCP
Domicile	France
AMF Classification	Bonds and other debt instruments denominated in euros
Share / Fund Currency	EUR
Share Class Type	Accumulation
Inception date	01/04/1984
Class inception	08/01/1999
Investment horizon	3 years
Benchmark	iBoxx Euro Corporates Total Return

#### Risk level

Lower risk						Higher risk
1	2	3	4	5	6	7

Higher yield potential

The synthetic risk indicator shows the level of risk of this product compared to others. It indicates the probability that this product will suffer losses in the event of market movements or our inability to pay you.

We have classified this product in risk class 2 of 7, which is a low risk class. This means that potential losses from future product performance are low and, should market conditions deteriorate, it is very unlikely that our ability to pay you will be affected.

Other important risk factors not adequately covered by the indicator : Credit risk: Risk of deterioration in credit quality or risk of default by an issuer that could negatively impact the price of the assets in the portfolio.

Counterparty risk: Risk of default by a counterparty to an OTC transaction (swap, repo). These risks may have a negative impact on the net asset value of the Fund.

Impact of techniques such as derivatives: The use of derivatives can amplify the impact of market movement effects on the portfolio.

#### Fund service providers

Management company	Rothschild & Co Asset Management
Custodian	Rothschild Martin Maurel
Administrative Agent	Caceis Fund Administration
Fund manager	Nicolas RACAUD / Emmanuel PETIT / Julien BOY

#### Fees

Subscription fee (max) / Redemption fee (max.)	2% / None
Financial management fees	0,785% Maximum total including VAT of net assets
Ex-post ongoing charges	0,809%
Performance fee	None
Administrative fees	_

# Glossary

#### Carbon intensity

The Carbon Intensity of the portfolio is defined as the weighted sum of the carbon intensities of the underlying assets in the portfolio.

#### **Emissions reduction target**

If a company has a target for reducing its carbon emissions, this indicator assesses the commitment to that target. Higher scores are given to companies that are actively seeking to reduce their emissions from an already relatively low level. Apart from companies without a target, the lowest scores are for companies with high levels of emissions that are seeking only minor reductions. For small companies, where carbon reduction targets are relatively rare, a moderately high score is given for any type of carbon reduction target.

#### Score referring to the management of the transition to a low-carbon economy

This score is an indicator of a company's performance in managing the risks and opportunities associated with the transition to a low carbon economy. It combines assessments of the management of the following key issues:

(i) greenhouse gas emissions management, (ii) carbon footprint of products and services, etc. The higher the score, the more effectively the company is managing these issues. (Score: 0-10).

#### SFDR articles

Article 6: the financial product does not necessarily promote ESG characteristics or have specific sustainable investment objectives. Article 8: the financial product promotes certain environmental and social characteristics

Article 9: the financial product has sustainable investment objectives.

#### Category "transition to a low carbon economy"

This indicator classifies companies according to their exposure to the risks and opportunities associated with the transition to a low-carbon economy

The different categories are:

Asset Stranding: assets that lose value due to unfavourable market developments (legislation, environmental constraints, technological disruptions) that cause significant devaluation (e.g. companies owning

Operational transition: a company facing increased operating costs due to carbon taxes or having to make significant investments to implement solutions to reduce their greenhouse gas emissions (e.g. cement producers):

Product offering in transition: a company facing a decline in demand for carbon-intensive products and having to shift its product offering towards products compatible with a low-carbon economy (e.g. the automotive sector);

Neutral: a company with low exposure to increases in operating costs/capital expenditure associated with the transition to a low-carbon economy (e.g. the healthcare sector);

Solutions: a company that provides products or services that are expected to benefit from the transition to a low-carbon economy (e.g. renewable energy power producers).

#### Green share

Share of sales of underlying assets contributing to transition: Low: from 1 to 19.9% of sales Moderate: 20 to 49.9% of sales High: 50 to 100% of sales



# Management report | ESG

#### **ESG SCORE EVOLUTION**

The fund has a complete ESG profile with an overall rating of 7,93/10, i.e. an AA rating, and has fallen by 0,02 since the beginning of 2024.

The rating for the investment universe, made up of securities in the iBoxx Euro Corporates Total Return index, is 7,26/10.

#### **LABEL TYPE**

Label type

French SRI Label V2



### Breakdown by type of asset (%)

Asset class	Net amount (in €)	Weight
Bonds		
Corporate	62 962 733	93,3%
Government Bond	1 905 494	2,8%
Equities		
UCIs	2 632 764	3,9%
Cash		

# Non-financial data coverage

F	п	n	d	

## R-co 4Change Net Zero Credit Euro C EUR

## ESG rating

100,0%
100,0%
-0,0%

## Reference universe

## **ESG** rating

ESG coverage as a % weight of securities	96,6%
ESG coverage by number of issuers	90,7%

## R-co 4Change Net Zero Credit Euro C EUR

## Carbon intensity

Carbon intensity	
Carbon coverage as a % of net assets	96,5%
Carbon coverage by number of issuers	97,6%
% of non-modelable assets	2,8%

## Carbon intensity

Carbon coverage as a % weight of securities	94,7%
Carbon coverage by number of issuers	87,7%



# Management report | ESG

ESG data are dated from the beginning of the quarter

#### **ESG RATING**

	Score	Rating
Fund	7,93	AA
Reference universe	7,26	AA
Adjusted scores within their industry		
Coverage rate		100%
Number of holdings		147
Number of ESG rated holdings		147

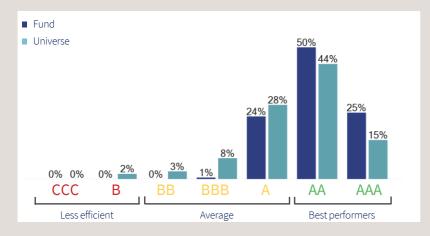
#### **ESG SCORE COMPARISON BY PILLAR**

	E	S	G
Fund	7,69	5,66	6,3
Reference universe	7,61	5,16	5,78

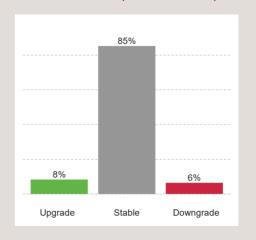
#### WOMEN REPRESENTATION ON THE BOARD OF DIRECTORS

Fund	41%
Management universe	39%

## **RATING DISTRIBUTIONS (% EXCLUDING CASH)**



## **RATING EVOLUTION (OVER 12MONTHS)**



#### **DISTRIBUTION OF RATINGS BY SECTOR (% EXCLUDING CASH)**

Sector	Weight	Not rated	CCC	В				AA	AAA
Consumer goods	8,1%	-	-	-	-	-	9,2%	39,3%	51,5%
Oil & Gas	2,8%	-	-	-	-	-	-	9,5%	90,5%
Financials	38,6%	-	-	-	-	-	21,3%	63,7%	14,9%
Industrials	8,8%	-	-	-	-	-	32,7%	49,2%	18,1%
Materials	1,4%	-	-	-	-	-	64,5%	-	35,5%
Health Care	1,8%	-	-	-	-	-	55,1%	44,9%	-
Utilities	12,0%	-	-	-	-	-	23,1%	28,3%	48,6%
Consumer services	10,7%	-	-	-	-	-	35,7%	36,7%	27,6%
Sovereign	2,8%	-	-	-	-	-	-	100,0%	-
Technology	4,1%	-	-	-	-	-	60,9%	39,1%	-
Communication Services	4,9%	-	-	-	-	12,7%	20,6%	27,2%	39,5%
UCIs	3,9%	-	-	-	-	-	-	100,0%	-

Source: Rothschild & Co Asset Management



# Management report | ESG

#### CARBON INTENSITY (SCOPE 1 + 2) AND GREEN SHARE

# tons of CO2 per sales, in millions of EUR Fund 78 Reference universe 116 Relative Difference -38 Coverage rate 93% Green share 10%

#### MAIN SECTORS CONTRIBUTING TO CARBON INTENSITY

Sectors	Weight	Contribution to the carbon intensity	Contribution to the carbon intensity (%)
Utilities	12,1%	39,7	51%
Consumer services	11,1%	7,2	9%
Oil & Gas	2,9%	7,0	9%
Top 3	26,1%	53,9	69%

#### MAIN CONTRIBUTORS TO CARBON INTENSITY

Issuers	Weight	ESG rating	E Score	Low carbon Transition Management Score	Annual emissions (MtCO2)	Carbon intensity	Contribution to the carbon intensity (%)
VEOLIA ENVIRONNEMENT SA	1,0%	А	5,5	5,2	33,6	783,5	10,0%
VATTENFALL AB	1,5%	AAA	8,1	8,2	9,6	425,8	8,2%
ACCOR SA	0,9%	А	5,9	7,2	2,9	693,2	7,7%
ERG SPA	0,4%	AAA	9,0	7,8	1,2	1 318,0	6,9%
ENEL FINANCE INTL NV	0,9%	AAA	9,3	7,7	57,1	420,8	5,0%
Top 5	4,7%						37,9%

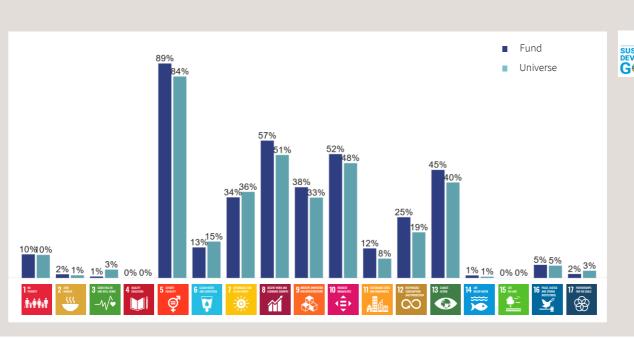
# ISSUERS FROM THE "ASSET STRANDING" TRANSITION CATEGORY

Fund	0%
Reference universe	1%

#### **SBTI INVOLVED COMPANIES**

Target Set	47%
Committed	29%

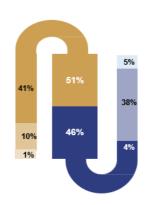
## % OF PORTFOLIO ALIGNED WITH SUSTAINABLE DEVELOPMENT GOALS





# Tracking of companies with reduction targets audited by **SBTi**

Sociétés leaders (dont les objectifs ont été audités et validés par SBTi)				
Trajectoire		Portefeuille	Émetteurs	
1,5°C		40.6%	51	
< 2°C		10.0%	11	
2°C		0.7%	1	
Total		51.3%	63	



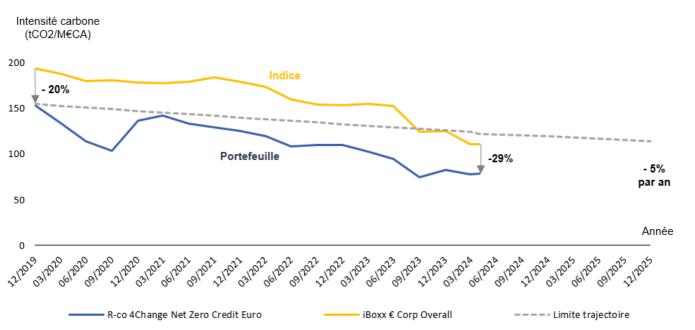
Société en transition (objectifs non audités par SBTi mais dont la trajectoire est appréciée par Carbon4 Finance)				
Trajectoire	Portefeuille	Émetteurs		
< 2°C	3.8%	5		
Dont engagées SBTi	0.8%			
> 2°C	37.6%	44		
Engagées auprès de SBTi	16.7%			
Non aligné >2°C	4.7%	7		
Engagées auprès de SBTi	3.5%	4		
Total	46.1%	56		
Engagées auprès de SBTi	21.0%	23		

Sans score CIA et non SBTi 2 6%

# Contribution to portfolio carbon intensity by sector (%)

	R-co 4Change	R-co 4Change Net Zero Credit Euro			
Sectors	Weight	Contribution to t carbon intensity Weight (tCO2/M€sales)		Contribution to carbon intensity (tCO2/M€sales)	Relative contribution
Construction, Utilities, Energy, Basic materials, Chemicals	16,5%	53,5	17,0%	77,0	-23,5
Other sectors	79,4%	21,4	83,0%	39,1	-17,7
UCIs	4,0%	3,5			
Total	100,0%	78,4	100,0%	116,2	-41,2

# Carbon intensity evolution



The carbon intensity of the portfolio is 33% lower than that of the iBoxx Euro Corporates Total Return index as of 30/04/2024. As a result, the portfolio complies with the requirement to be at least 20% less carbon intensive than the index. Since the beginning of 2024, the portfolio's carbon intensity has risen by 31,3%.

The weighting of the Construction, Utilities, Energy, Basic Materials and Chemicals sectors is 16,5% (on the basis of 17,2% invested rebased to 100% with the exclusion of cash and UCITS) vs. 17,0% within the index.

# Key Performance Indicator (KPI), a tool for monitoring our commitment to transition





## Disclaimer

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The Fund's articles of incorporation or association, the full prospectus, the simplified prospectus, the annual and semi-annual reports of each Fund, may be obtained, on simple request and free of charge in French and Dutch from Rothschild Martin Maurel, having its registered office at 29, avenue de Messine, 75008 Paris, France, acting on behalf of its branch office Rothschild & Co Wealth Management Belgium having its registered office at: 166 avenue Louise B - 1050 Bruxelles, Belgique.

Any information for investors in Belgium pertaining to Rothschild & Co Asset Management or the fund will be published in a local Belgian media outlet or provided by the fund

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#### · Information for Dutch investors

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All documents are also available at: am.eu.rothschildandco.com

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