



# R-co 4Change Green Bonds C EUR

Bond and other € debt securities SICAV





COUNTRY OF REGISTRATION FR

















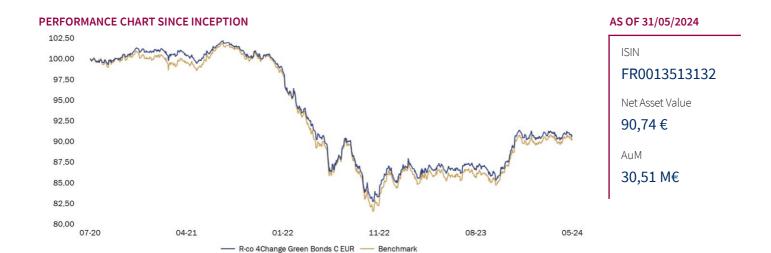






#### **INVESTMENT OBJECTIVE**

The objective of the sub-fund is to outperform, net of management fees, the Bloomberg Global Green Bond Index: Corporate Hedged (hedged and calculated in euros including coupons), by investing in sustainable bonds that comply with the principles of the International Capital Market Association (ICMA), including a minimum of 75% in green bonds, over the recommended investment period. The sub-fund seeks to finance the energy transition and contribute to the ecological transition.



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

	1 month	2024	1 year	3 years	5 years	Inception
Fund	0,51	-0,52	4,49	-9,07	-	-9,26
Benchmark	0,70	-0,21	5,00	-8,75	-	-9,65
Relative Difference	-0,19	-0,30	-0,51	-0,32	-	0,39

## **ANNUAL PERFORMANCE (%)**

	2023	2022	2021	
Fund	7,37	-15,02	-0,90	
Benchmark	7,32	-15,51	-0,36	
Relative Difference	0,05	0,49	-0,54	

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

	3 years	5 years	Inception
Fund	-3,12	-	-2,46
Benchmark	-3,00	-	-2,57
Relative Difference	-0,11	-	0,11

Past performance is not a reliable indicator of future performance.

#### **RISK INDICATORS**

	1 year	3 years	5 years
Fund volatility (%)	4,02	4,80	-
Bench. volatility (%)	4,01	5,15	-
Sharpe Ratio*	0,19	-0,99	-
Tracking error (%)	0,56	1,08	-
Information Ratio	-0,99	-0,09	-
Beta	0,99	0,91	-

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	94
TOP HOLDINGS (%) Name	%
Caisse D'amort Dette Soc 3 3/4 05/24/28	2,0
Bnp Paribas 1.675 06/30/27	1,7
Icade 101/19/30	1,7
Banco De Sabadell Sa 25/803/24/26	1,6
European Investment Bank 15/8 10/09/29	1,6
Assura Fin Plc 1 1/2 09/15/30	1,6
Xylem Inc 2 1/4 01/30/31	1,5
Electricite De France Sa 1 11/29/33	1,5
Verizon Communications 2.85 09/03/41	1,5
Societe Generale 0 7/8 09/22/28	1,5

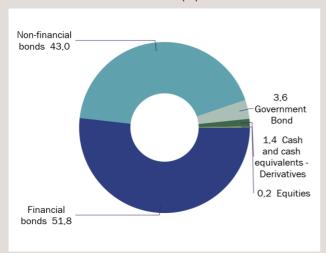
#### MAIN TRANSACTIONS OVER THE MONTH

Name	Side
Banco Bpm Spa 47/801/17/30	Purch. / Reinf.
Banco Bpm Spa 6 09/13/26	Sale / Lighten.

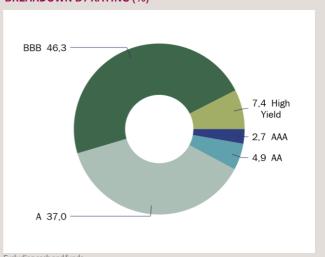
<b>05/24</b> 4,41	<b>04/24</b> 4,44
4,41	4,44
4,26	4,28
4,54	4,65
2,40	2,40
BBB+	BBB+
4,68	4,71
	4,54 2,40 BBB+

<sup>\*</sup>Excluding UCITS and interest rate derivatives

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

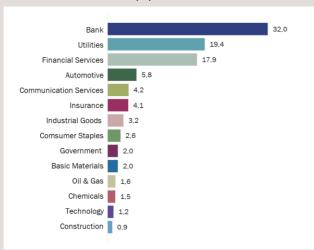


#### **BREAKDOWN BY RATING (%)**

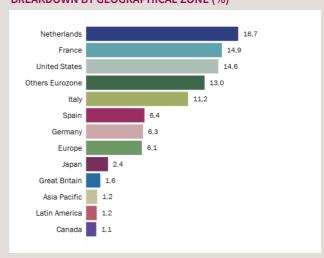


Excluding cash and funds

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



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





# Performance analysis

### CONTRIBUTION TO MONTHLY GROSS PERFORMANCE BY **DEBT TYPE (%)**

Debt type	Average weight	Contribution
Senior financials - covered	43,5	0,09
Corporate senior	34,6	0,02
Corporate hybrid	8,9	0,01
Financial T2	6,7	0,05
Government	3,6	-0,01
Financial T1	1,2	0,01
Cash and cash equivalents + Derivatives	1,1	0,40
Equities	0,2	0,00
Total	100,0	0,58

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

Exposure by maturity	Weight (%)	Contribution to sensitivity
< 1 year	5,5	0,10
1-3 years	27,3	0,53
3-5 years	31,2	1,17
5-7 years	19,1	1,07
7-10 years	12,3	0,91
> 10 years	3,6	0,49
Cash	0,9	0,00
Total	100,0	4,26
	100,0	1,20



## Characteristics

#### Legal SICAV Legal form Domicile France AMF Classification Bonds and other international debt securities Share / Fund Currency **EUR** Share Class Type Accumulation Inception date 09/07/2020 Class inception 09/07/2020 Investment horizon 3 years Benchmark Corporate

#### Risk level

Lower risk						Higher risk
1	2	3	4	5	6	7

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.

Liquidity risk: Risk linked to the low liquidity of the underlying markets, which makes them

sensitive to significant buying and selling movements.

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	0,70% Maximum total including VAT of net assets
Ex-post ongoing charges	0,720%
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.

#### Science Based Targets initiative (SBTi)

Science Based Targets initiative is an international climate action organisation that develops standards, tools and advice that enable companies to set greenhouse gas (GHG) emission reduction targets based on climate science and what is needed to reach the target of net zero by 2050 at the latest

Target Set: Corporate targets are clearly defined and science based programmes to reduce greenhouse gas (GHG) emissions that have been reviewed and validated by SBTi. The objectives of these undertakings are expressed by temperature alignments.

Committed: Commitments represent a company's intention to develop objectives and submit them for validation within 24 months. These companies do not yet have targets validated by SBTi.

#### 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.

#### Green share

Share of sales of underlying assets contributing to transition.

#### 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).

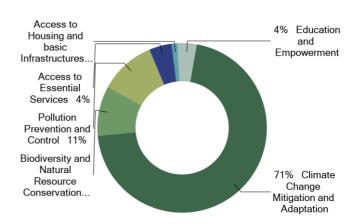


# Management report | ESG

#### **BREAKDOWN BY TYPE OF BOND**

## 6% Social honds 4% Sustainability bonds 1% Liquidity / other Green bonds 88%

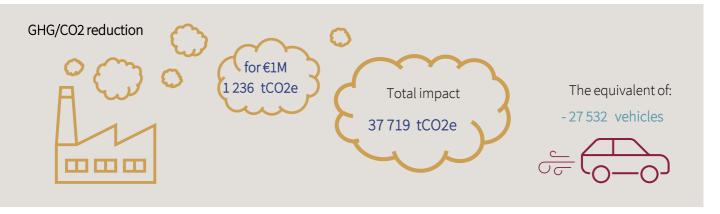
#### **BREAKDOWN OF PROJECTS BY THEME**



# Impact indicators and equivalents

Based on 65% of published impact reports

## R-co 4Change Green Bonds avoided



## R-co 4Change Green Bonds simultaneously funded

#### Annual Renewable energy Installed renewable capacity Financed Green Buildings produced Total impacts Total impacts Total impacts 19 GWh 15 MW 1705 m<sup>2</sup> The equivalent of: The equivalent of: The equivalent of: 1907 homes 2 wind farm 170 employees 6400 households



# Management report | ESG

ESG data are dated from the beginning of the quarter

#### **ESG RATING**

	Score	Rating
Fund	7,62	AA
Management universe	7,07	А
Adjusted scores within their industry		
Coverage rate		100%
Number of holdings		94
Number of ESG rated holdings		94

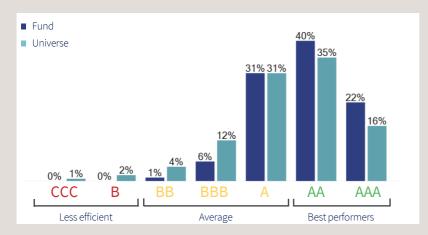
#### **ESG SCORE COMPARISON BY PILLAR**

	Е	S	G
Fund	7,3	5,66	6,12
Management universe	6,78	5,24	6,18

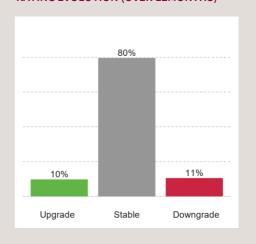
#### WOMEN REPRESENTATION ON THE BOARD OF DIRECTORS

Fund	37%
Management universe	35%

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



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



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

Sector	Weight	Not rated	CCC	В	ВВ			AA	AAA
Consumer goods	8,4%	-	-	-	12,2%	28,5%	26,5%	32,7%	-
Oil & Gas	2,7%	-	-	-	-	-	-	-	100,0%
Financials	52,8%	-	-	-	-	2,3%	37,6%	45,3%	14,8%
Industrials	4,1%	-	-	-	-	-	-	43,1%	56,9%
Materials	3,6%	-	-	-	-	17,6%	16,8%	25,8%	39,8%
Health Care	0,2%	-	-	-	-	100,0%	-	-	-
Utilities	18,4%	-	-	-	-	-	28,2%	42,8%	28,9%
Sovereign	3,6%	-	-	-	-	-	56,6%	-	43,4%
Technology	1,2%	-	-	-	-	100,0%	-	-	-
Communication Services	4,2%	-	-	-	-	-	20,9%	49,4%	29,7%
UCIs	0,7%	-	-	-	-	-	-	100,0%	-



# Management report | ESG

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

#### tons of CO2 per sales, in millions Fund 115 239 Management universe Relative Difference -124 Coverage rate 97% Green share 14%

#### MAIN SECTORS CONTRIBUTING TO CARBON INTENSITY

Sectors	Weight	Contribution to the carbon intensity	Contribution to the carbon intensity (%)
Utilities	19,3%	50,7	44%
Materials	3,8%	19,6	17%
Oil & Gas	2,9%	18,0	16%
Top 3	26,0%	88,3	77%

#### 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 (%)
ERG SPA	1,2%	AAA	9,0	7,8	1,2	1 318,0	14,2%
TERNA RETE ELETTRICA	1,8%	AA	8,2	6,2	1,8	623,7	9,7%
NOVELIS SHEET INGOT GMBH	0,7%	BBB	4,8	6,3	29,8	1 322,2	7,6%
CPI PROPERTY GROUP SA	1,3%	BBB	7,0	6,3	0,4	611,6	6,8%
VATTENFALL AB	1,5%	AAA	8,1	8,2	9,6	425,8	5,4%
Top 5	6,5%						43,8%

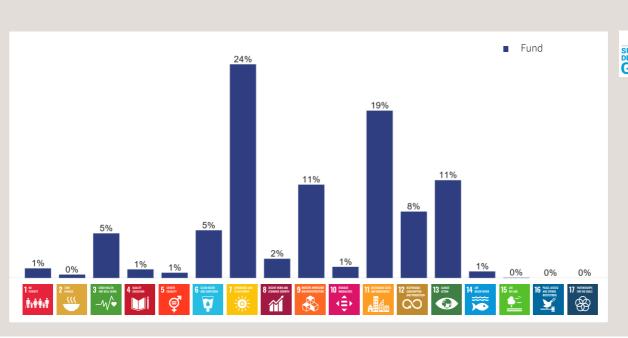
#### ISSUERS FROM THE "ASSET STRANDING" TRANSITION **CATEGORY**

Fund	0%
Management universe	0%

#### **SBTI INVOLVED COMPANIES**

Target Set	50%
Committed	19%

### PERCENTAGE OF PORTFOLIO PROJECTS IN ACCORDANCE WITH SUSTAINABLE DEVELOPMENT GOALS





# Methodology

Transparency is a fundamental aspect for the sustainable bond market and the voluntary framework of principles decreed by the International Capital Market Association (ICMA). As such, projects indirectly financed by holders of R-co 4Change Green Bonds are subject to numerous publications. To measure the environmental impact of the fund, Rothschild & Co Asset Management compiles these sustainability-related publications for all the projects financed when they are available, including green issuance programmes, second-party opinions (SPOs), and reports from issuers on sustainability and green issuance in particular.

Through the consolidated analysis of the projects financed, Rothschild & Co Asset Management contributes to this transparent market approach and proposes a summary of the fund's sustainable positioning in this report.

#### Breakdown by theme

Issuance programmes and SPOs on sustainable bonds compliant with the International Capital Market Association (ICMA) systematically specify the use of proceeds (UOP). The ICMA principles specify 16 predefined UoPs for projects, ten environmental and six social. Rothschild & Co Asset Management has chosen to group these UoPs into six major sustainability

The chart shows the share of non-cash assets (rebased to 100%) by sustainability theme. When an issue supports several underlying UoPs, the weight of this line in the asset is then equally weighted between these UoPs (e.g., 0.1% per UoP for a line of 0.50% of an asset supporting 5 UoPs).

#### Impact indicators and equivalents

To lend tangible form to the fund's sustainable impacts, Rothschild & Co Asset Management compiles the annual impact reports of the funded issuers where available in order to list four key indicators for the funded projects.

For each key indicator, the impact of each security, when published, is distributed pro rata according to the share of the issue held by the fund.

Because impact reports are often not available for recent programmes and an indicator often characterises a particular sector, the coverage rate of each key indicator may be limited. Rothschild & Co Asset Management communicates on the share of assets for which an annual impact report is available. It does so independently of the indicator's completion rate and does not rebase the impacts to 100% of the assets, the aim being to properly represent the fund's various impacts. Finally, the four gross impacts of the fund are also illustrated by an equivalence based on statistics published by French public agencies or other similar bodies.

#### • Greenhouse gas emissions avoided

Measured in tonnes of CO2 equivalent (tCO2e), the indicator quantifies the greenhouse gas emissions avoided by the projects. The gross impact is presented per one million euros invested in the fund and for the entire fund. The equivalence represents the number of vehicles fictitiously taken off the road, their theoretical annual emissions in tCO2e being equivalent to the gross impact of the fund. The basis for the calculation is 1.37 tonnes of CO2 per vehicle per year (sources: Ademe and INSEE).

#### Renewable energy production

Measured in gigawatt-hours (GWh), the indicator shows the total annual production of energy from renewable sources financed by the bonds held. The gross impact is presented for the whole fund (based on the share of securities for which an impact report is available).

The equivalence represents the number of households that can be fully supplied with electricity for one year with this amount of energy produced.

The indicator is calculated based on a consumption of 9,900 kWh per year for a house of three inhabitants with electric heating and hot water.

#### • Installation of new renewable energy infrastructure

Measured in megawatts (MW), the indicator takes into account the installed renewable energy capacity of the projects financed by the fund. The impact is presented for the whole fund (based on the share of securities for which an impact report is available).

The equivalence shows the number of medium-sized wind farms needed to achieve this productive capacity, on a basis of 10 MW per farm (source: French Ministry of Ecological Transition).

For this indicator, an alternative equivalence presents the number of households that can be connected to the French electricity grid using this power, on the basis of an average 0.0025 MW per household (source: French Ministry of Ecological Transition).

#### · Construction of green buildings

Measured in square metres (m²), this indicator shows the area of green buildings financed and built to recognised environmental standards. The impact is presented for the whole fund (based on the share of securities for which an impact report is available)

The equivalence shows the number of employees that can occupy these newly built areas, based on 10m<sup>2</sup> per employee (French legal basis).

#### Sustainable Development Goals (SDGs)

The identification of the United Nations SDGs supported by green bonds is based initially on an analysis of emission programmes and SPOs. The chart shows the consolidated contribution of the fund to SDGs as a percentage of non-rebased assets.

A small portion of the portfolio may not be covered depending on the date and country of issue; the coverage ratio associated with the chart specifies the portion of the portfolio analysed. As with UoPs, if an issue is linked to several SDGs, it is weighted equally between them.



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

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