

Green Bond Allocation and Impact Report 2022



Green bond – key points

Second green bond
issued by Munich Re
September 2021

ISIN
XS2381261424

Volume of issued
capital €1.0bn

Scheduled maturity
in 2042

Fixed coupon of
1.0% until 2032,
floating thereafter

Over 100% of net
proceeds committed
to eligible projects

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“Climate protection is an integral part of our Ambition 2025 Group strategy. By issuing a green bond, we have once again leveraged the capital markets to fund green investments. We strengthen our capital base, which gives us the financial flexibility to take advantage of current growth opportunities.”

Christoph Jurecka, CFO

Management statement

Dear Stakeholders,

In September 2021, Munich Re successfully placed a green bond on the European market for the second time. Furthermore, a third green bond was placed on the US market in May 2022. These bonds once again demonstrate Munich Re's commitment to supporting a sustainable economy for the benefit of all our stakeholders.

This document reports on the allocation and impact of the net proceeds of our second green bond, issued in 2021. We are pleased to announce that, for this green bond, our target of investing its proceeds in sustainable projects within 36 months of the issuance has again been overachieved, since our commitments to eligible projects already exceed the net proceeds. You will find details on the selected projects starting on page 9 of this report, and on the environmental benefits on page 22.

Our commitment to coping with climate change extends beyond our second green bond and the investments outlined in this report. With our Climate Ambition and our commitment to international sustainability initiatives, Munich Re is underlining its goal of playing a leading role in achieving the climate targets set out in the Paris Agreement, and supporting the world in managing climate risks. Munich Re acts as a responsible investor and fulfils its role as leading insurer by not only having integrated decarbonisation targets in our insurance business, but also by developing insurance solutions for our clients to enable technological innovation and change.

For us, acting responsibly is the basis for creating value for all our stakeholders. We are confident that this report will provide you with a valuable insight into our activities, and that it demonstrates our strong commitment to a sustainable future.

Best regards,

Dr. Christoph Jurecka

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1 Munich Re Group in a nutshell

1.1 General

Munich Re is one of the world's leading risk carriers and provides both insurance and reinsurance under one roof. This enables the Group to cover large stretches of the value chain in the risk market. Munich Re is represented in **over 50 countries** and operates in all lines of the insurance business. The Group consists of the reinsurance and ERGO business segments, as well as the asset management company MEAG. Founded in 1880, the Group employs about 39,300 staff members worldwide.¹

In the 2021 financial year, the Group achieved **a profit of €2.9bn** and premium income of €59.6bn. For up-to-date information about Munich Re, visit www.munichre.com.

1.2 Reinsurance

In reinsurance, Munich Re operates **in life, health and property-casualty business**. Under reinsurance, we also include specialised primary insurance activities that are handled by the reinsurance organisation and business from managing general agents.

As a reinsurer, Munich Re writes business in direct collaboration with primary insurers, but also via brokers and within the framework of strategic partnerships. In addition to traditional reinsurance business, we participate in insurance pools, public-private partnerships, business in specialist

niche segments, and also as a primary insurer. We offer our clients a wide range of special products, customised insurance solutions and services, which we manage from within our reinsurance organisation. Our clients thus have direct access to the expertise, innovative strength and capacity **of a leading global risk carrier**.

1.3 ERGO

In primary insurance, Munich Re operates under the umbrella of **ERGO's four separate units**: ERGO Deutschland AG, ERGO International AG, ERGO Digital Ventures AG and ERGO Technology & Services Management AG. German business is concentrated at ERGO Deutschland AG, and ERGO International AG manages international business. ERGO Digital Ventures AG is responsible for digitalisation, while ERGO Technology & Services Management AG manages all of ERGO's technology activities.

ERGO offers products in all the main classes of insurance, covering the needs of retail and corporate clients. ERGO serves some **35 million mostly retail customers in around 25 countries**, with the focus on Europe and Asia. The latest information on ERGO can be found at www.ergo.com.

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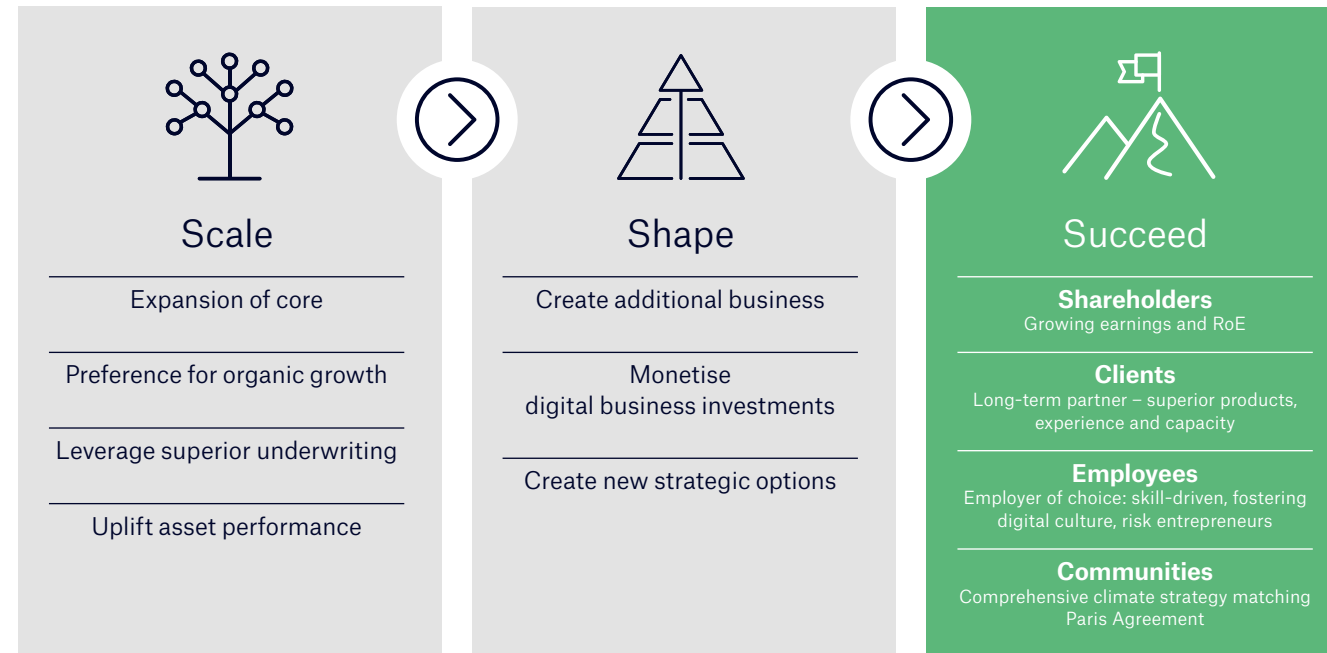
¹ As at 31 December 2021.

2 Sustainability at Munich Re

Munich Re adopts a forward-looking, prudent and responsible approach to handling risks. For more than 140 years, we have created long-term value by assuming a diverse range of risks around the world. We are convinced that this business concept will continue to be successful in the future through sustainable action.

2.1 Ambition 2025

Munich Re's Group Ambition 2025 programme specifies financial and non-financial targets and aims to realise them over the coming years. These objectives are built around the three guiding principles of Ambition 2025: Scale, Shape, and Succeed. Scale points to the Group's determination to retain and expand its core business, while Shape represents the intention to create additional business and new strategies, which will transform the organisation through the adoption of new business models. Succeed calls for greater focus on the added value Munich Re creates for and with its stakeholders. This translates into increased earnings for shareholders of Munich Re, and bespoke products for clients from a long-term partner. We also aim to be a preferred employer that offers attractive, long-term jobs and excellent potential for career development. Last but not least, communities will benefit from vital initiatives such as the Group's ambitious climate protection targets in its asset management, (re)insurance business and its own business operations.



2.2 Holistic sustainability strategy

As described in our Ambition 2025, Munich Re aims to create value for all its stakeholders – our sustainability strategy systematically integrates this ambition across our activities. We address social challenges by making the best use of our strengths and abilities and by sharing knowledge with our stakeholders. Our risk expertise, in particular, allows them to develop powerful new perspectives and sustainable solutions.

We focus on the following fields of action:

Responsible governance

Responsible corporate governance is only possible on the basis of impeccable ethical and legal conduct.

Sustainable approach to business

We proactively consider environmental, social and governance (ESG) criteria along the value chain in our business activities.

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2 Sustainability at Munich Re

Environmental and climate protection

We have an ambitious climate strategy across assets, liabilities, and our own operations.

Responsible employer

As an employer, we attach the greatest importance to treating our staff in a responsible and respectful way. We create attractive framework conditions to promote personal and professional development and diversity.

Social responsibility

Stemming from our sense of social responsibility, we support a large number of initiatives and projects that are close to our business, and which aim to promote social cohesion.

2.3 Sustainable approach to underwriting and investment

Our objective of sustainable economic value creation is anchored in the core principles of our corporate strategy. In our underwriting and investment, we set out to achieve the greatest possible impact for our Group and for society by considering ESG criteria.

The fact that we have signed the UN Global Compact, the Principles for Sustainable Insurance (PSI), the Principles for Responsible Investment (PRI) and in 2020, joined the Net-Zero Asset Owner Alliance (AOA) as well as Climate Action 100+ highlights our commitment to responsible action.

In addition, in 2021, Munich Re co-founded the Net-Zero Insurance Alliance (NZIA), which intends to decarbonise insurance activities by 2050.

	Comprehensive climate risk management	Ambitious decarbonisation targets	Innovative climate solutions
Assets	Climate risk management for both assets and liabilities <ul style="list-style-type: none">– Physical risks– Transition risks	<ul style="list-style-type: none">– Total: net-zero (2050)¹– Thermal coal: full exit (2040)¹	<ul style="list-style-type: none">– Investing in low-carbon technologies and green innovations– Green bond issuance
Liabilities	<ul style="list-style-type: none">– Reputational and ESG risks– Litigation risks	<ul style="list-style-type: none">– Oil & gas: net-zero (2050)²– Thermal coal: full exit (2040)³	<ul style="list-style-type: none">– Climate risk analysis services– Risk transfer solutions for climate mitigation and adaption
Own operations	Improving operational emissions and efficiency	<ul style="list-style-type: none">– Carbon-neutral since 2015– Net-zero emissions by 2030– Aiming for 100% green electricity purchased Group-wide by 2025	Project “Tackling Climate Change Together”
Initiatives and partnerships	<ul style="list-style-type: none">– Global partnership for collaborations and innovation towards climate-friendly solutions– Providing our expertise as a public voice to advocate for climate action and resilience		

1 Our current mid-term targets on the assets side apply to equities, corporate bonds and real estate
2 Applies to operational oil & gas production; facultative, primary and direct property insurance
3 Applies to direct, facultative and primary insurance

Our commitment to responsible conduct is also mirrored in the integration of our decarbonisation strategy into the Munich Re business strategy Ambition 2025. We are following a science-based path towards net-zero carbon emissions, and aim to contribute to the achievement of the 2050 climate targets set out in the Paris Agreement.

We aim to achieve:

Assets

Net-zero across our investment portfolio by 2050, which is underlined by our membership in the Net-Zero Asset Owner Alliance (AOA)

Liabilities (facultative, direct and primary (re)insurance business):

Net-zero in the property (re)insurance of oil and gas production by 2050, a full exit from thermal coal-related (re)insurance by 2040, which is underlined by our membership in the Net-Zero Insurance Alliance (NZIA)

Own operations:

Net-zero emissions across our own operations by 2030

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2 Sustainability at Munich Re

2.4 Munich Re Green Bond Framework

The objective of issuing green bonds is to increase Munich Re's investment in green and sustainable projects and initiatives. The Munich Re Green Bond Framework carries this objective over into practical guidelines which were aligned with the ICMA Green Bond Principles 2018. Generally, the framework can be divided into the following four sections¹:

Use of proceeds

An amount equivalent to the net proceeds of the green bond(s) will be used to finance or refinance, in whole or in part, existing and/or future eligible projects which are either financed by equity participation or by debt instruments (excluding green bonds issued by other issuers)². The eligible projects belong to the following categories:

- Renewable energy
- Energy efficiency
- Clean transportation
- Green buildings
- Sustainable water and wastewater management
- Eco-efficient and/or circular economy
- Environmentally sustainable management of living natural resources and land use

Process for project evaluation and selection

The Green Bond Committee is responsible for governing the selection and monitoring of the eligible projects. It is also responsible for screening eligible projects recommended by the Head of Alternative Investments, and assessing whether they are in line with the eligibility criteria, the exclusions, and Munich Re's sustainability policies and procedures. Internal systems are used by Group Investment Management to track the actual allocation. An annual review is executed by the Green Bond Committee to ensure compliance.

Management of proceeds

A portfolio approach is used in order to allocate an amount equivalent to the net proceeds of the green bond to eligible projects. Munich Re strives to reach full allocation within 36 months from the issuance of each green bond. Also, the net proceeds not allocated to eligible projects will be assigned to temporary investments such as cash, cash equivalents and/or other liquid marketable investments.

Reporting

Munich Re commits to publishing an allocation and impact report one year after issuance of any green bond(s), and annually thereafter until full allocation of the net proceeds, as well as in the event of any material changes to the allocation as long as the green bond(s) are outstanding.

¹ For details please visit www.munichre.com/en/company/investors/bonds/green-bond-framework.html.

² However, such green bonds will be considered as temporary investments.

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3.1 Introduction

On 2 September 2021, Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München for a second time issued subordinated debt in the form of a green bond. According to our Green Bond Framework, an amount equivalent to the net proceeds of the bond will be used to finance or refinance eligible projects as defined in our Green Bond Framework. In the following, an account of the net proceeds’ allocation will be rendered.

The relevant bond details are as follows:

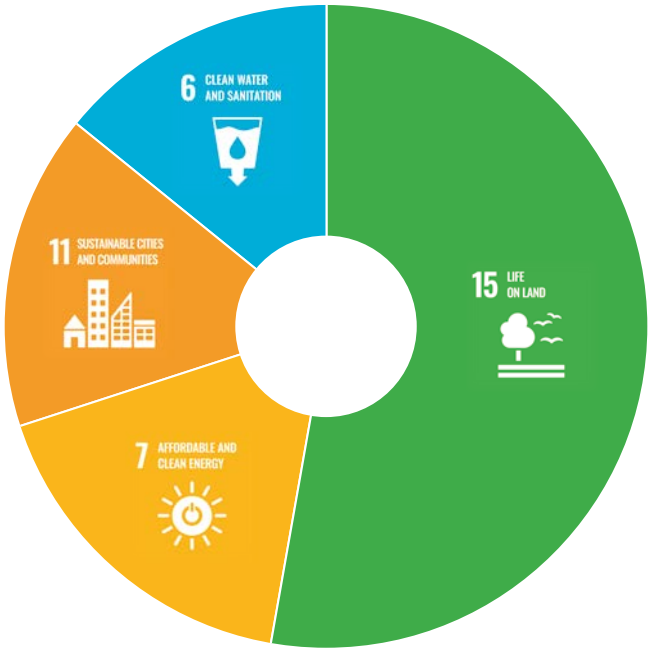
	Munich Re green bond
ISIN	XS2381261424
Common code	238126142
WKN	A3E5WY
Nominal volume	€1,000,000,000
Net proceeds	€992,550,000
Maturity	26 May 2042
Issue price	99.355%
Coupon	Fixed 1.00% p.a. until 2032, floating thereafter
Initial bond rating	A (S&P and Fitch)
Eligible projects	Munich Re Green Bond Framework ¹
Second party opinion	Sustainalytics ²

The net proceeds were fully allocated to equity participations, as Munich Re generally has a high level of influence on them and can thus typically tailor the impact.³ 23% of the net proceeds were allocated to existing, 20% to ongoing and 57% to new projects. In total, €1.03bn have been committed, of which €0.81bn were paid out at 31 March 2022. Thus net proceeds have not only been fully assigned with no balance remaining, but commitments exceed the net proceeds by approximately 4%.

The proceeds were used to finance or refinance eligible projects as defined in Section 2.1 of Munich Re’s Green Bond Framework as follows:

Eligible project categories⁴

Environmentally sustainable management of living natural resources and land use	€543m	52.6%
Renewable energy	€174m	16.9%
Green buildings	€165m	16.0%
Sustainable water and wastewater management	€150m	14.5%



1 For this and further details on Munich Re’s Green Bond Framework, please see www.munichre.com/en/company/investors/bonds/green-bond-framework.html.

2 Sustainalytics, a provider of environmental, social and governance (ESG) research and analysis, evaluated the Framework of Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München and the alignment thereof with relevant market standards, and provided views on the robustness and credibility of the Framework; which views are intended to inform investors in general and not for a specific investor.

3 The allocation stated is as of 31 March 2022.

4 The stated values are derived by the amounts committed to each project. Please note that the values represent allocated amounts and do not correspond to purchase prices.

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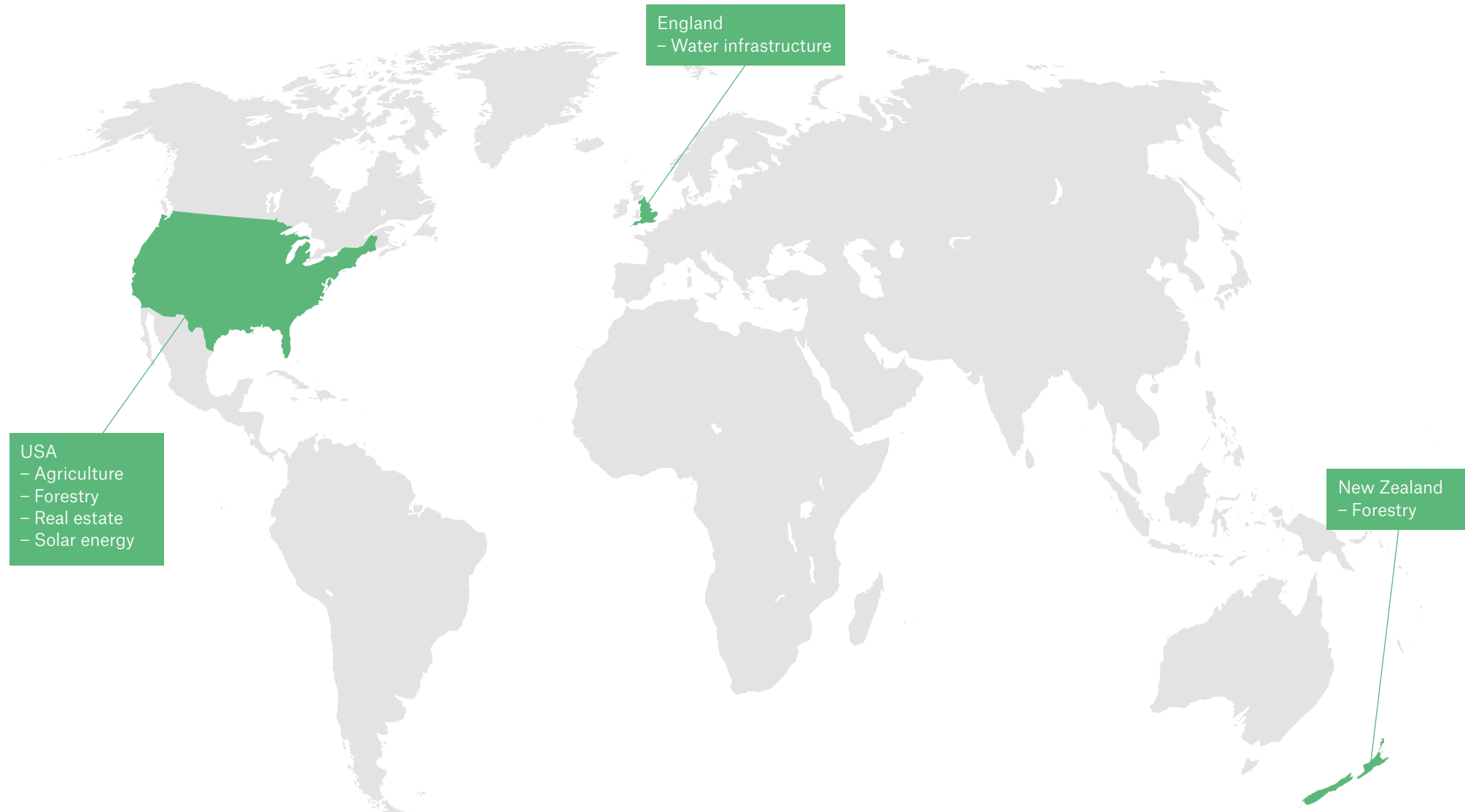
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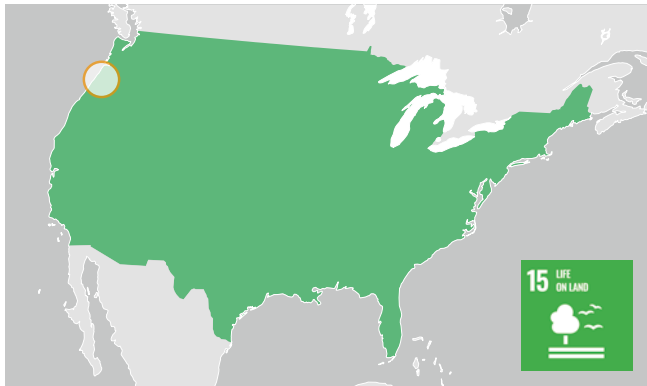
3.3 Project descriptions

Chinook Silva

Project Chinook Silva falls in the eligible green project category of environmentally sustainable management of living natural resources and land use, thereby helping to achieve the UN Sustainable Development Goal (SDG) of Life on Land. Chinook Silva is an investment related to sustainable forestry and is SFI/PEFC certified.

Project Chinook Silva is located in Oregon, USA, with a total of 15,500 ha of softwood plantations, which are mainly Douglas fir. The asset is SFI/PEFC certified. The investment strategy is a buy-and-hold strategy. At Chinook Silva, multiple ESG projects are currently being conducted. These include, for example, a habitat for forest birds and collaboration with local high schools.

Munich Re Group holds all equity shares in Chinook Silva.



UN Sustainable Development Goal	15 – Life on Land
Eligible green project category	Environmentally sustainable management of living natural resources and land use
Project name	Chinook Silva
Country	United States of America
Investment date	November 2020
Why eligible?	Investment related to sustainable and certified forestry

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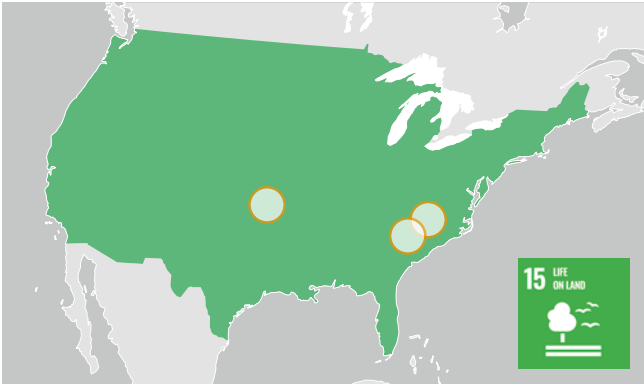
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Raccoon Silva

Project Raccoon Silva falls in the eligible green project category of environmentally sustainable management of living natural resources and land use, thereby helping to achieve the UN SDG of Life on Land. Raccoon Silva is an investment related to sustainable forestry and is SFI/PEFC certified.

Project Raccoon Silva consists of three assets in Oklahoma (8,100 ha), Georgia (11,500 ha), and North & South Carolina (9,800 ha), USA with a total size of 29,400 ha. The plantations contain softwood which is mainly pine, and are SFI/PEFC certified. The investment strategy is a buy-and-hold strategy. At Raccoon Silva, multiple ESG projects are currently being conducted. These include, for example, a habitat for tortoises, water improvement, and educational collaboration with the local community.

Munich Re Group holds all equity shares in Raccoon Silva.



UN Sustainable Development Goal	15 – Life on Land
Eligible green project category	Environmentally sustainable management of living natural resources and land use
Project name	Raccoon Silva
Country	United States of America
Investment date	April 2021
Why eligible?	Investment related to sustainable and certified forestry

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Ponga Silva

Project Ponga Silva falls in the eligible green project category of environmentally sustainable management of living natural resources and land use, thereby helping to achieve the UN SDG of Life on Land. Ponga Silva is an investment related to sustainable and certified forestry.

Project Ponga Silva is a separate managed account that invests in greenfield and brownfield forestry in New Zealand. The purchases are being conducted in cooperation with The International Woodland Company. The asset will contain softwood that is mainly pine. A PEFC and/or FSC certification is planned to be acquired. The assets aim also to generate CO₂ certificates that will be sold within the local New Zealand emissions-trading scheme. The investment strategy is a buy-and-hold strategy. At Ponga Silva, we are currently exploring possibilities for the implementation of ESG projects.

Munich Re Group holds all equity shares in Ponga Silva.



UN Sustainable Development Goal	15 – Life on Land
Eligible green project category	Environmentally sustainable management of living natural resources and land use
Project name	Ponga Silva
Country	New Zealand
Investment date	January 2021/ongoing
Why eligible?	Investment related to sustainable and certified forestry

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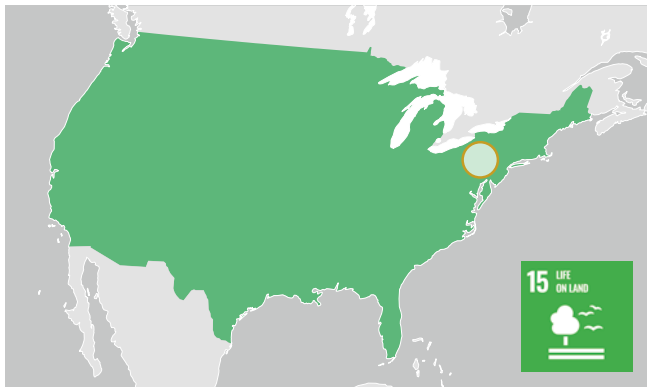
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Picus Silva – Chagrin

Project Picus Silva – Chagrin falls in the eligible green project category of environmentally sustainable management of living natural resources and land use, thereby helping to achieve the UN SDG of Life on Land. Picus Silva – Chagrin is an investment related to sustainable forestry and is SFI/PEFC certified.

Picus Silva – Chagrin lies in New York State and Pennsylvania, USA with a total size of 15,000 ha. The investment strategy is a buy-and-hold strategy. The asset contains hardwood that is mainly red maple, red oak and black cherry, all being SFI/PEFC certified. At Picus Silva – Chagrin our asset manager is currently exploring possibilities for the implementation of ESG projects.

Munich Re Group holds all equity shares in Picus Silva – Chagrin.



UN Sustainable Development Goal	15 – Life on Land
Eligible green project category	Environmentally sustainable management of living natural resources and land use
Project name	Picus Silva – Chagrin
Country	United States of America
Investment date	December 2021
Why eligible?	Investment related to sustainable and certified forestry

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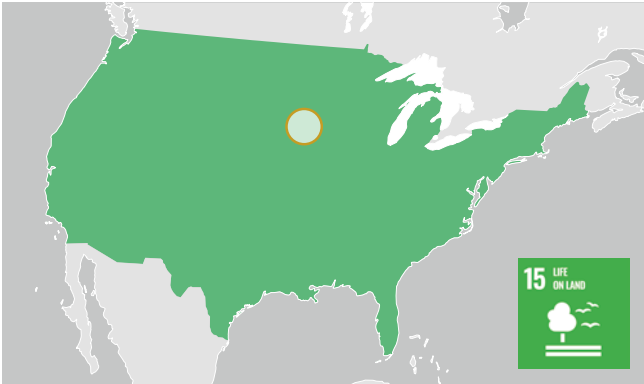
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Tellus Demetra

Project Tellus Demetra falls in the eligible green project category of environmentally sustainable management of living natural resources and land use, thereby helping to achieve the UN SDG of Life on Land. Tellus Demetra is an investment in transformation to organic agriculture.

Project Tellus Demetra is a separate managed account that invests in row crop farmland in the US Midwest. The farmland is being leased out to organic farmers and converted from conventional to organic agriculture. The conversion from conventional to organic takes three years. The standard lease contract given out by the project takes this into account, thereby enabling and supporting organic farmers in scaling up their organic businesses. The investment strategy is a buy-and-hold strategy.

Munich Re Group holds all equity shares in Tellus Demetra.



UN Sustainable Development Goal	15 – Life on Land
Eligible green project category	Environmentally sustainable management of living natural resources and land use
Project name	Tellus Demetra
Country	United States of America
Investment date	January 2021/ongoing
Why eligible?	Investment in transformation to organic agriculture

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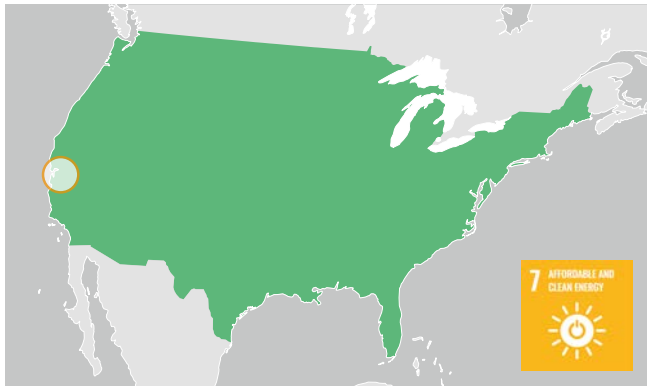
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McQueen

Project McQueen falls in the eligible green project category of renewable energy, thereby helping to achieve the UN SDG of Affordable and Clean Energy.

Project McQueen consists of four solar parks with a total power generation capacity of 37 MW. The solar parks are located in California, USA, and have been operating since the last quarter of 2014. There are two offtake agreements with a remaining contract term of approximately 14 years.

Munich Re Group owns 50% of the asset.



UN Sustainable Development Goal	7 – Affordable and Clean Energy
Eligible green project category	Renewable energy
Project name	McQueen
Country	United States of America
Investment date	February 2021
Why eligible?	Solar park

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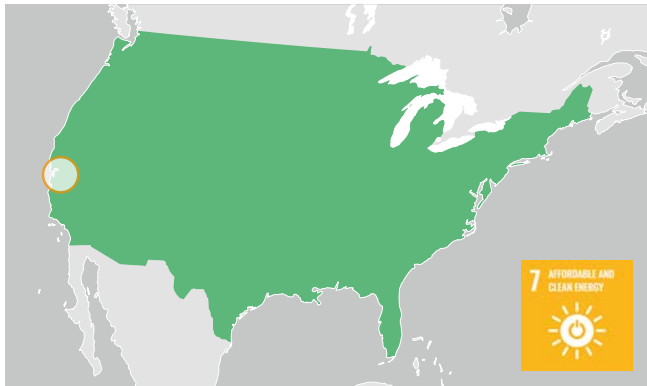
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Maverick

Project Maverick falls in the eligible green project category of renewable energy, thereby helping to achieve the UN SDG of Affordable and Clean Energy.

Project Maverick consists of two solar parks with a total capacity of 131 MW in California, USA. Additionally, it is coupled with a 50 MW battery energy storage system, which is still under construction. The asset achieved full power generation in Q1 of 2022. There are 20-year and 15-year offtake agreements for the generated power in place.

Munich Re Group owns 50% of the asset.



UN Sustainable Development Goal	7 – Affordable and Clean Energy
Eligible green project category	Renewable energy
Project name	Maverick
Country	United States of America
Investment date	January 2022
Why eligible?	Solar park

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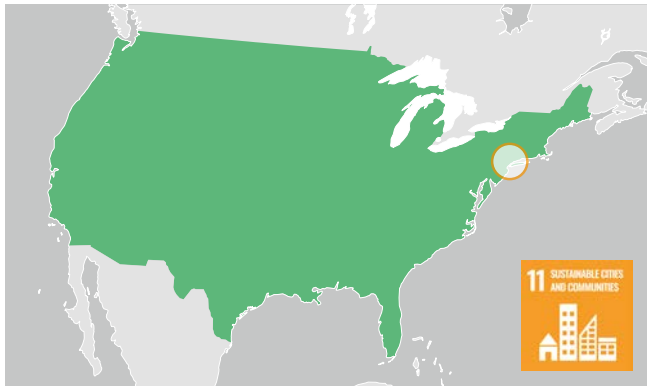
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320 Park Avenue

Project 320 Park Avenue falls in the eligible green project category of green buildings, thereby helping to achieve the UN SDG of Sustainable Cities and Communities.

Project 320 Park Avenue is an office building in New York City which was built in 1960 and renovated in 1992. Currently, another substantial renovation is underway. The property has 35 floors. The rental area is at around 70,000 m². The building is LEED Gold certified.

Munich Re holds a 25% equity stake.



UN Sustainable Development Goal	11 – Sustainable Cities and Communities
Eligible green project category	Green buildings
Project name	320 Park Avenue
Country	United States of America
Investment date	December 2021
Why eligible?	LEED Gold certified

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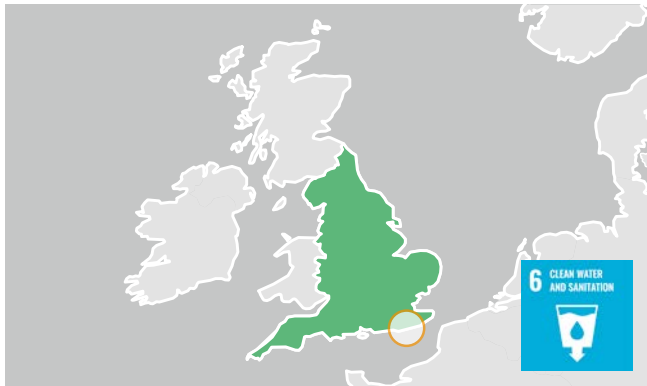
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Wihtwara

Project Wihtwara falls in the eligible green project category of sustainable water and wastewater management, thereby helping to achieve the UN SDG of Clean Water and Sanitation.

Project Wihtwara is an asset in the field of water and wastewater treatment and distribution infrastructure in the southeast of England.

Munich Re Group holds a minority equity share in this project.



UN Sustainable Development Goal	6 – Clean Water and Sanitation
Eligible green project category	Sustainable water and wastewater management
Project name	Wihtwara
Country	England
Investment date	November 2021
Why eligible?	Drinking water distribution and wastewater recycling

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- Chinook Silva
- Raccoon Silva
- Ponga Silva
- Picus Silva – Chagrin
- Tellus Demetra
- McQueen
- Maverick
- 320 Park Avenue
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Independent auditor’s report on a limited assurance engagement

To Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München, Munich

We have performed a limited assurance engagement on the Allocation report for the Green Bond (ISIN XS2381261424) of Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München (hereinafter Munich Re) according to the Green Bond Framework of Munich Re as of September 2020, for the period of 2 September 2021 to 31 March 2022 (hereinafter: Allocation report). The Allocation report is a component of the “Munich Re Green Bond Allocation and Impact Report 2022” of Munich Re. Not subject to our assurance engagement is Section 5 “Impact report” of the “Munich Re Green Bond Allocation and Impact Report 2022”.

Responsibilities of the executive directors

The executive directors of the Company are responsible for the preparation of the Allocation report in accordance with the Green Bond Framework of Munich Re as of September 2020 (hereinafter MR Green Bond Framework).

This responsibility includes the selection and application of appropriate methods to prepare the Allocation report and making assumptions and estimates that are reasonable in the circumstances. Furthermore, the executive directors are responsible for such internal control as the executive directors consider necessary to enable the preparation of the Allocation report that is free from material misstatement, whether due to fraud (manipulation of the Allocation report) or error.

Independence and quality assurance of the auditor’s firm

We have complied with the German professional requirements on independence as well as other professional conduct requirements.

Our audit firm applies the national legal requirements and professional pronouncements – in particular the BS WP/vBP [“Berufssatzung für Wirtschaftsprüfer/vereidigte Buchprüfer”: Professional Charter for German Public Accountants/German Sworn Auditors]) in the exercise of their Profession and the IDW Standard on Quality Management issued by the Institute of Public Auditors in Germany (IDW): Requirements for Quality Management in the Audit Firm (IDW QS 1) and accordingly maintains a comprehensive quality management system that includes documented policies and procedures with regard to compliance with professional ethical requirements, professional standards as well as relevant statutory and other legal requirements.

Responsibilities of the auditor

Our responsibility is to express a conclusion on the Allocation report based on our assurance engagement.

We conducted our assurance engagement in accordance with the International Standard on Assurance Engagements (ISAE) 3000 (Revised): Assurance Engagements other than Audits or Reviews of Historical Financial Information, issued by the IAASB. Those standards require that we plan and perform the assurance engagement to obtain limited assurance about whether any matters have come to our attention that cause us to believe that the company’s Allocation report is not prepared, in all material respects, in

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accordance with the MR Green Bond Framework. Not subject to our assurance engagement is Section 5 “Impact report” of the “Munich Re Green Bond Allocation and Impact Report 2022”.

In a limited assurance engagement, the procedures performed are less extensive than in a reasonable assurance engagement, and accordingly, a substantially lower level of assurance is obtained. The selection of the assurance procedures is subject to the professional judgment of the auditor.

In the course of our assurance engagement we have, among other things, performed the following assurance procedures and other activities:

- Inquiries of employees involved in the allocation of proceeds, the reporting process and the internal control system in relation to this process, to assess the use of proceeds and the reporting process and the internal controls to the extent relevant for the assurance engagement on the disclosures in the Allocation report,
- Inspection of the relevant documentation of the systems and processes for classifying projects (“eligible projects”) in accordance with the MR Green Bond Framework and review thereof on a sample basis,
- Inspection of the relevant documentation of the systems and processes for the allocation of proceeds and random checks thereof,
- Reconciliation of the quantitative and material qualitative disclosures in the Allocation report with the supporting documentation,

- Assessing the presentation of the information in the Allocation report for internal consistency of overall presentation, structure and content,
- Assessing whether the Allocation report contains all material disclosures, and the allocation report as a whole provides a suitable view.

Assurance Conclusion

Based on the assurance procedures performed and the evidence obtained, nothing has come to our attention that causes us to believe that the Allocation report for the Green Bond (ISIN XS2381261424) of Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München for the period of 2 September 2021 to 31 March 2022 is not prepared, in all material respects, in accordance with the Green Bond Framework of Munich Re from September 2020. Not subject to our assurance engagement is Section 5 “Impact report” of the “Munich Re Green Bond Allocation and Impact Report 2022”.

Restriction of use

We draw attention to the fact that the assurance engagement was conducted for the Company’s purposes and that the report is intended solely to inform the Company about the result of the assurance engagement. As a result, it may not be suitable for another purpose than the aforementioned. Accordingly, the report is not intended to be used by third parties for making (financial) decisions based on it. Our responsibility is to the Company alone. We do not accept any responsibility to third parties. Our assurance conclusion is not modified in this respect.

General Engagement Terms and Liability

The “General Engagement Terms for Wirtschaftsprüfer and Wirtschaftsprüfungsgesellschaften [German Public Auditors and Public Audit Firms]” dated 1 January 2017 are applicable to this engagement and also govern our relations with third parties in the context of this engagement (www.de.ey.com/general-engagement-terms). In addition, please refer to the liability provisions contained there in no. 9 and to the exclusion of liability towards third parties. We accept no responsibility, liability or other obligations towards third parties unless we have concluded a written agreement to the contrary with the respective third party or liability cannot effectively be precluded.

We make express reference to the fact that we will not update the report to reflect events or circumstances arising after it was issued, unless required to do so by law. It is the sole responsibility of anyone taking note of the summarised result of our work contained in this report to decide whether and in what way this information is useful or suitable for their purposes and to supplement, verify or update it by means of their own review procedures.

Munich, 21 July 2022

Ernst & Young GmbH
Wirtschaftsprüfungsgesellschaft

Dr. Thomas Kagermeier
Wirtschaftsprüfer
(German Public Auditor)

Hans-Georg Welz
Wirtschaftsprüfer
(German Public Auditor)

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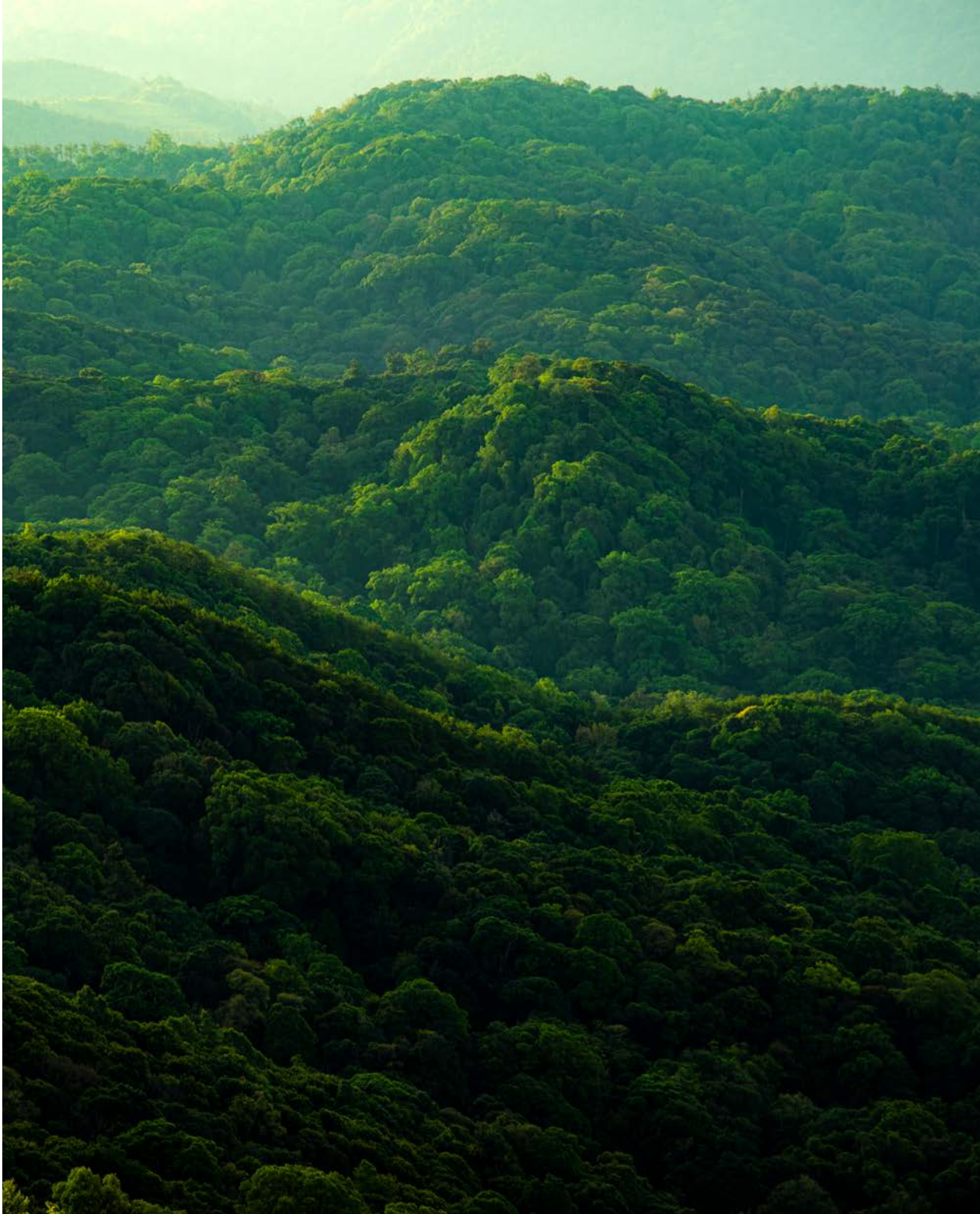
5 Impact report

This section of the report provides information about the positive ecological impacts of the projects to which the green bond net proceeds were allocated. Such impacts may take varying shapes and forms depending on the individual projects. In line with the commitments and criteria of our Green Bond Framework, we have reported on the most notable impacts for each project.

Generally, Munich Re’s green bond proceeds are allocated to make significant contributions to the UN Sustainable Development Goals which are a blueprint for a sustainable future. This is shown by the fact that a substantial volume of carbon emissions is stored by operating the respective asset. Furthermore, reducing the negative environmental effects are achieved through recycling of waste, water and certain materials. These actions not only contribute to CO₂ benefits but also generate surplus energy that can be used further on. Some of the assets have been especially recognised for their impact in terms of certifications.

As a result, the following metrics have been used to measure the sustainable impact of the eligible projects. All values are indicated per annum unless stated otherwise. The key performance indicators are illustrated in the following table.

- Energy production in megawatt hours (MWh)
- Area under certified forest management
- CO₂ benefits in tonnes (t)
- Number of customers supplied
- Area under sustainable agricultural practice



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Impact analysis

Project	UN Sustainable Development Goals	Sustainable impact	Size ¹	Energy p.a. (MWh)	CO ₂ benefits (t)	Number of customers	Further information
Chinook Silva		Environmentally sustainable management of living natural resources and land use	15,500 ha	–	5,000,000 ²	–	The asset is SFI/PEFC certified
Raccoon Silva		Environmentally sustainable management of living natural resources and land use	29,400 ha	–	4,100,000 ²	–	The asset is SFI/PEFC certified
Ponga Silva		Environmentally sustainable management of living natural resources and land use	5,600 ha	–	1,300,000 ²	–	The asset is planned to be FSC certified
Picus Silva – Chagrin		Environmentally sustainable management of living natural resources and land use	15,000 ha	–	7,600,000 ²	–	The asset is SFI/PEFC certified
Tellus Demetra		Environmentally sustainable management of living natural resources and land use	1,200 ha	–	–	–	The asset supports a transition to organic production
McQueen		Renewable energy	37 MW	70,000	28,000 ³	–	–
Maverick		Renewable energy	131 MW (+50 MW battery storage)	730,000	300,000 ³	–	–
320 Park Avenue		Green buildings	70,000 m ²	–	–	–	The asset is LEED Gold certified
Wihtwara		Sustainable water and wastewater management	54,000 km of lines	–	–	2.6 million water customers and 4.7 million waste-water customers	–
				Σ ~800,000	Σ ~18,328,000		

Disclosure notes

The values shown in the table have been rounded and thus the sums are approximations.

1 As at 31 December 2021.
2 The CO₂ benefits represent the total storage amount within the forestry project.
3 CO₂ benefits p.a.

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Due to rounding, there may be minor deviations in summations and in the calculation of percentages in this report.

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