



AXIS Capital Holdings Limited

Task Force on Climate-Related Financial Disclosures Report

For the year-ended
December 31, 2024



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About AXIS

AXIS is a global specialty underwriter and provider of insurance and reinsurance solutions with operations in Bermuda, the United States ("U.S."), Europe, Singapore and Canada. Our underwriting operations are organized around our global underwriting platforms, AXIS Insurance and AXIS Re. We provide our clients and distribution partners with a broad range of risk transfer products and services, and strong capacity, backed by excellent financial strength.

About This Report

This report aligned with the Financial Stability Board's Task Force on Climate-Related Financial Disclosures ("TCFD") reporting framework discusses (i) governance, (ii) climate strategy, (iii) risk management, and (iv) metrics and targets. For additional information about our sustainability practices, please refer to our 2024 report aligned with the standards of the Sustainability Accounting Standards Board ("SASB Disclosure Report") and our other disclosures on our sustainability website found at www.axiscapital.com.

This report contains information about AXIS as of, or for the year ended December 31, 2024 unless otherwise noted. The inclusion of information contained in this report should not be construed as a characterization regarding the materiality or financial impact of that information. For a discussion of information that may be material to AXIS Capital, please see our Annual Report on Form 10-K for the fiscal year ended December 31, 2024 ("2024 Form 10-K") filed with the U.S. Securities and Exchange Commission ("SEC") on February 26, 2025 and our periodic and other filings with the SEC, which are accessible on the SEC's website at www.sec.gov and our website at www.axiscapital.com. These sources may contain information which is more current than that contained in this report. This report should be read in conjunction with our filings with the SEC and the other information we publish. In this report, references to "AXIS Capital" refer to AXIS Capital Holdings Limited and references to "AXIS" "we", "us", "our", the "Group" or the "Company" refer to AXIS Capital Holdings Limited and its direct and indirect subsidiaries and branches. Climate-related disclosures are generally at the Group level, except where such disclosures are in response to regulatory requests covering a particular regulated entity.

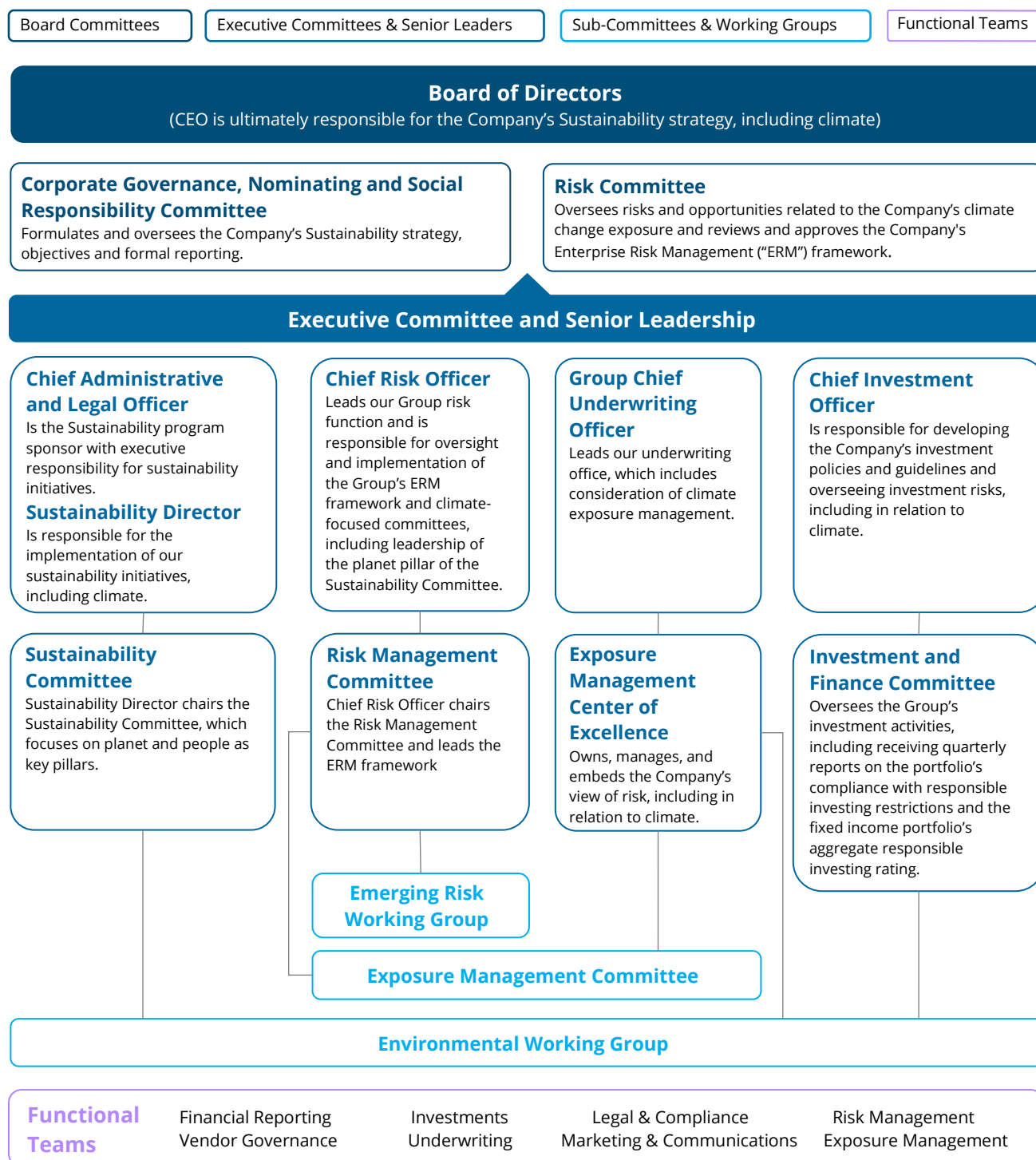
Introduction

At AXIS, we strive to help people and organizations navigate and manage risk in an increasingly complex and uncertain world. Climate is a core focus of our Sustainability program. We believe that climate-related risks are among the most serious issues facing our planet today and that the (re)insurance industry has an important role to play in enabling the transition to a low-carbon economy. AXIS continues to support the development of renewable energy and the transition to a low-carbon economy by offering comprehensive coverage and protection for renewable energy projects worldwide.

We continually monitor, assess, and respond to the opportunities and risks posed by changing climate conditions to manage our long-term business objectives and to offer our customers relevant products catered to their needs. In addition, we assess our own operations, including our greenhouse gas ("GHG") emissions, to mitigate our environmental footprint and to minimize our operational impact. This report discusses our approach to managing risks and opportunities related to climate change consistent with the recommendations of the TCFD.

Governance

We address climate-related risks through our risk oversight process. Our governance includes Board of Director oversight, extensive involvement of executives and senior leadership, and collaboration across the enterprise with staff-driven committees and functional teams. A summary of our governance structure is below and more detailed information follows.



Board Oversight

At AXIS, the Board of Directors oversees sustainability matters, including climate change strategy and climate-related risks and opportunities, and receives an annual update on climate risks as part of its standing agenda. In addition, our Board's committees (the Corporate Governance, Nominating, and Social Responsibility Committee and the Risk Committee) assist the Board in overseeing AXIS' response to climate change.

Our Corporate Governance, Nominating, and Social Responsibility Committee reviews AXIS' Sustainability strategy and objectives, including those relating to the impact of climate change. In particular, the Committee oversees:

- Overall strategy;
- Company programs;
- Formal reporting on sustainability matters; and
- Policies in specific areas such as environmental management.

The Corporate Governance, Nominating, and Social Responsibility Committee receives quarterly updates from the Company's management responsible for sustainability matters and provides recommendations on sustainability strategy to the Board.

Our Risk Committee oversees risks and opportunities related to the Company's climate change exposures and initiatives and receives regular reports relating to climate change as part of its standing agenda. The Risk Committee also reviews and approves the Company's Enterprise Risk Management ("ERM") framework, including policies and limits to address risks – such as climate risk – facing the Company.

Executive Committee and Senior Leadership Oversight

Our Executive Committee and senior leaders are responsible for ensuring that our climate and other sustainability activities, including management of climate-related risks and opportunities, are consistent with our culture, values, and business objectives.

- Our **Chief Administrative and Legal Officer** serves as the sponsor of our Sustainability program (formerly named Corporate Citizenship) with executive responsibility for the Company's sustainability activities, including climate. Our Chief Administrative and Legal Officer oversees the progress on our sustainability priorities and reports to the Company's Corporate Governance, Nominating, and Social Responsibility Committee, the President and CEO, and the Executive Committee on these initiatives.
- Our **Sustainability Director** chairs the Sustainability Committee, which focuses on planet and people as key pillars. Responsibilities also include implementation of the Committee's activities such as overall strategy, goal-setting, and program execution.
- Our **Chief Risk Officer** leads our Group Risk function and is responsible for oversight and implementation of the Group's ERM framework, including risks relating to climate change. Our Chief Risk Officer chairs the Risk Management

Committee and reports to the Board and Risk Committee on climate risk. The Chief Risk Officer leads the Environmental Working Group and the Emerging Risk Working Group and serves as planet pillar lead for the Sustainability Committee.

- Our **Chief Underwriting Officer** has management responsibility for executing the Group's global underwriting strategy in line with the enterprise portfolio goals, including oversight of exposure management, reserving, and consideration of climate risk within the portfolio.
- Our **Chief Investment Officer** is responsible for developing the Company's investment policies and guidelines, monitoring compliance with those guidelines, and overseeing the Company's investment risks, including in relation to climate change. In addition, along with our Risk and Investment Risk teams, our Chief Investment Officer oversees compliance with our Responsible Investing Policy Statement.

Our senior leaders are supported by the following committees, sub-committees, working groups, and teams that are actively involved in identifying and assessing climate-related risks relating to underwriting and investments:

Sustainability Committee (formerly Corporate Citizenship Committee)

Day-to-day management of our Sustainability program is handled by our Sustainability Committee, a cross-functional and global committee tasked with managing overall sustainability strategy, policies, and governance. Our Sustainability Director chairs the Sustainability Committee and oversees dedicated committee pillar leads for planet, people, and philanthropy. The Committee oversees other staff working groups, including those climate-relevant groups listed below.

Risk Management Committee

The Executive Committee has delegated some authority to the executive level Risk Management Committee ("RMC"), which consists of the President and CEO, Chief Financial Officer, Chief Underwriting Officer, Chief Risk Officer (Chair), Chief Information Officer, Chief People Officer, Chief Actuary, and Chief Administrative and Legal Officer. The RMC convenes quarterly and oversees the integrity and effectiveness of the Company's ERM framework and ensures that the firm's risk assumption and risk mitigation activities, including in relation to climate, are consistent with that framework.

Investment and Finance Committee

The Investment and Finance Committee, chaired by our Chief Investment Officer, receives quarterly reports on the investment grade fixed income portfolio's aggregate responsible investing rating and compliance with responsible investing restrictions from the Investment Risk team which oversees responsible investing monitoring and reporting. The committee also receives an annual report on relevant asset manager scorecards with responsible investing specific scores.

Emerging Risk Working Group

This group is responsible for tracking emerging risks according to their potential impact and time horizon and coordinating the Company's response to emerging risks and opportunities, including those related to climate change. The Emerging Risk Working Group is comprised of senior representatives from across the business, including the Chief Risk Officer, Chief Investment Officer, Chief Underwriting Officer, Chief Claims Officer, Chief Actuary, Chief Administrative and Legal Officer, and Chief Data & Analytics Officer.

Exposure Management Committee

The Exposure Management Committee ("EMC") (formed to consider both natural catastrophe and non-natural catastrophe risks) is a subcommittee of the RMC that oversees the firm's natural catastrophe, cyber, and casualty risk management framework. This includes the validation of modeling and accumulation practices. The EMC consists of the Chief Underwriting Officer, Chief Actuary, Chief Risk Officer, Chief Pricing Actuary, and Global Head of Exposure Management.

Environmental Working Group

The Environmental Working Group is responsible for assessing all environmental-related risks and opportunities, including emerging risks. It promotes knowledge-sharing across the business on environmental topics, leads research for the planet pillar, and provides information to senior decision-makers involved in exposure management, investment, and underwriting decisions. Additionally, it collaborates with and informs the Emerging Risk Working Group about environmental-related risks and opportunities.

Enterprise Functional Teams

At AXIS, teammates work across the enterprise to execute our Sustainability strategy and report progress to senior leadership through the Sustainability Committee, Risk Management Committee, Investment and Finance Committee, and Exposure Management Committee including the following teams:

- **Financial Reporting** assists with reviewing the Company's GHG emissions calculations.
- **Vendor Governance** supports initiatives to enhance operational sustainability, including efforts to meet our Scope 1 and 2 GHG reduction goals.
- **Investments Risk Team**, along with our Risk Management team, is responsible for ensuring compliance with our Responsible Investing Policy Statement, as well as compliance with the investment elements of the Company's Fossil Fuel Policy.
- **Underwriting Team** is responsible for pursuing new climate opportunities and adhering to underwriting policies. The team's input is also taken into account in several of our management committees and working groups.

- **Legal & Compliance Team** is responsible for the Company's sustainability reporting and policies, as well as ensuring compliance with our policies and applicable regulatory requirements.
- **Marketing & Communications Team** ensures clear internal and external communication of climate-focused policies and programs.
- **Risk Management Team** is responsible for our Group risk function, oversight, and implementation of the Group's ERM framework and climate-focused initiatives.
- **Exposure Management Team**, including the Exposure Management Centre of Excellence, advises on the exposure to risk, including climate risk. They own, manage, and embed the Company's view of risk.

Climate Strategy

Our Approach

Our climate approach addresses climate-related risks, exposure management, underwriting, policies, and guidelines for underwriting and investment, the sustainability of our business operations, and our advocacy on climate-related matters.

Climate-Related Risks

As an insurance provider, AXIS has a long history of considering environmental risks at both the policy and firm levels. We take short-, medium-, and long-term horizons into account when assessing environmental risks at both the policy (underwriting) and firm level (management of firm-level risks and capital adequacy). Our strategy for limiting risk is discussed in this report under “Risk Management.”

Risk Category	Risk Type	Definition	Time Horizon	Potential Impact
Physical risks	Acute	Increased frequency and severity of natural catastrophe and weather-related events such as heatwaves, wildfires, extreme rainfall, flooding, and droughts.	Short-term: Material impacts already seen	High
	Chronic	Long term shifts in weather patterns, including increasing global average temperatures, reduced rainfall, shifting seasons, and rising sea levels.	Long-term: First material impacts expected within 5-10 years	High
Transition risks	Policy and Regulatory	Increased regulatory requirements, including reporting obligations, carbon pricing, and mandates on and regulation of existing products.	Medium-term: First material impacts expected 1-5 years	High
	Technology	Technological developments, including artificial intelligence, may disrupt the characteristics of insured assets and require new risk assessments which do not have a pre-existing record of damage and loss.	Medium-term: First material impacts expected 1-5 years	High

	Market	Shifts in supply and demand from changes in market dynamics related to climate change could affect the valuation of AXIS' assets and liabilities. Shifts in customer preferences due to climate change.	Medium-term: First material impacts expected 1-5 years	High
	Reputational	Company reputation may be influenced by our climate change response, service and investment in carbon intensive sectors.	Medium-term: First material impacts expected 1-5 years	High
Liability risks	Claims	Increased insurance claims liability due to the effects of climate change, including increased D&O claims liability resulting from greenwashing litigation.	Medium-term: First material impacts expected 1-5 years	Medium
	Litigation	Increased litigation relating to GHG emissions or climate-related disclosure.	Medium-term: First material impacts expected 1-5 years	Medium

Physical risks

Physical risks include extreme weather-related events (acute) and longer-term shifts in climate patterns (chronic). These risks emanate primarily from the underwriting of property insurance. Climate change may expose us to an increased frequency and/or severity of weather-related losses which we might not have sufficiently captured in our catastrophe models, resulting in inadequate pricing, excess risk aggregation, and capital depletion. Over the longer term, climate change may impact the economic viability of certain lines of business if suitable adjustments in price and coverage cannot be achieved.

Physical risks may also affect our investment portfolio as a result of direct damage to assets or due to valuation changes from shifts in supply and demand for certain products and services. Physical risks are most likely to affect equity investments or real estate over the longer term.

Transition risks

Transitioning to a lower-carbon economy will likely involve technological shifts, evolving regulations, market and consumer adaptations, and broader societal and policy changes to address climate risks. Our principal transition risks are discussed below.

AXIS could be exposed to transition risks if we fail to manage increased demand for low-carbon products and services. Over the short- and medium-term, a change in customer needs may result from repricing of carbon-intensive assets, increased interest in the low-carbon industry due to reputational concerns, or new regulatory constraints. A failure to appropriately respond to increased demand may adversely affect our business. AXIS must also manage risk that certain products may cease to be viable as a result of society's transition to a lower-carbon economy.

New laws and regulations may limit our ability to engage in capital or liability management, require us to raise additional capital, and impose extensive regulatory/compliance requirements and additional costs. Changes in regulatory requirements could include net-zero policies, carbon taxes, or laws prohibiting insurers from reducing exposures or withdrawing from catastrophe-prone areas.

The primary objectives of our investment strategy are income, preservation of capital, liquidity management, and growth of surplus. We may be exposed to losses in the value of our investments arising from the impacts of climate change on the companies and securities in which we invest, including impacts resulting from transition risks. Transition risks are most likely to affect equity investments.

Liability risks

Liability risks relate to losses or damages suffered by our insureds from physical or transition risks, such as losses stemming from climate-related litigation in liability lines. These risks could arise from companies not fully considering or responding to the impacts of climate change or not appropriately disclosing current and future risks. In addition, new regulatory developments, increased litigation activity, and subsequent liability issues associated with climate change or greenhouse gas emissions may lead to losses under environmental liability, product liability, and professional liability (e.g., directors and officers), particularly where the emitter is deemed to have misled investors. In addition, there is a link between liability risk and transition risk (described above), as the failure of companies to shift towards a low-carbon future and mitigate the impacts of climate change may lead to losses incurred by insureds.

In recent years, our industry has experienced an overall increase in various climate-related litigation claims. These litigation claims include a perceived contribution to climate change or insufficient disclosure around material financial risks. As the value of loss and damage arising from climate change grows, it is plausible that litigation risk of this kind may increase. For example, there have been shareholder securities suits brought against companies and their directors and officers, as well as derivative actions brought against directors, for various allegations of failing to disclose and/or manage climate change risks. Litigation seeking to compel companies to remedy their perceived impact on climate change may, if successful, lead to an increase in claims. Based on our monitoring, while the overall volume of litigation activity has increased, past litigation seems to have largely been unsuccessful on numerous grounds.

Exposure Management

We review our portfolio to ensure our climate exposure is within appetite and adjust our business strategy based on our assessments.

For information on how we use scenario testing to mitigate climate-related risk, refer to “Risk Management – Identifying and Assessing Climate-Related Risks – Physical risks – Scenario analysis” and “Risk Management – Approach to Managing Climate-Related Risks Within Overall Risk Management Framework – How we manage climate-related risk – Stress and scenario testing” in this report.

Climate-Related Opportunities

We consider climate in how we underwrite, what we underwrite, and the incentives we provide. Throughout, we strive to engage with distribution partners and customers on climate issues and actively seek to identify and act on climate-related opportunities. As global decarbonization accelerates, driven by the expansion of renewable energy, clean technology, and evolving regulation, demand is increasing for specialized insurance solutions to support this transition. AXIS is well-positioned to provide coverage tailored to the unique risks of renewable energy projects, clean infrastructure, and emerging technologies. We also see opportunities to expand products that address the needs of sustainable construction, environmental liability, and climate-resilient property, alongside risk control services that help clients strengthen preparedness and reduce exposures. Key initiatives in support of the energy transition relate to (i) the launch of the AXIS Energy Transition Syndicate 2050, (ii) climate-focused products, and (iii) customer incentives.

AXIS Energy Transition Syndicate 2050

AXIS Energy Transition Syndicate 2050 (“S.2050”) began underwriting on April 1, 2024. Through S.2050, AXIS provides a single access point to specialist insurance solutions for cross-class risks over the lifecycle of projects and activities associated with replacing or displacing fossil fuels through lower-carbon alternatives and supporting energy resilience during the transition phase.

S.2050 brings together existing underwriting expertise in key classes, including areas in which AXIS already holds a lead position. This is the first Lloyd’s syndicate to specifically focus on insuring organizations’ energy transition journeys in line with their actions to achieve net zero by 2050, which is crucial for meeting the goals of the Paris Agreement. Broad in scope, S.2050 underwrites the construction and operation of technologies and projects that support the energy transition. In addition, S.2050 insures activities such as transit, storage, and financing, that support and enable cleaner energy projects. S.2050 also

Spotlight:

Research Report: Navigating Risk in the Energy Transition

AXIS published a report, based on independent research, that explores views within the energy sector on how key areas of risk are impacting the transition. These range from climate change and economic volatility, to securing investment, insurance, and government support for the expansion of renewable energy technology

Read the report [here](#).

provides insurance protection for personnel involved in the projects and activities, through professional indemnity and accident & health coverages. S.2050 offers the risk protection that businesses, governments, and public entities need during every stage of their energy transition lifecycle.

S.2050 has been developed by AXIS in support of Lloyd's recognition of the opportunity that protecting the long-term journey to net zero represents for underwriters and Lloyd's goal to be the insurer of the transition, as stated in Lloyd's "Insuring the transition" roadmap.

Climate-focused products

We offer a range of climate-focused products. AXIS is committed to providing insurance products and ancillary risk control services that support the market transition to a low-carbon economy. Climate-related regulations and changing consumer interests may lead to increased demand for our renewable energy products, environmental insurance, design professional liability insurance, credit risk insurance, and reinsurance solutions. Descriptions of these potential areas for growth are below:

Renewable energy products

Through our property business, AXIS extends coverage to renewable energy customers active in wind, solar, hydro, and battery storage facilities. Our products, services, and expertise can help these industries keep their employees safe and protect their physical assets, balance sheet, and ultimately their long-term success. Our coverage provides insurance solutions for all aspects of a renewable energy business and the entire lifecycle of a renewable energy project, including site preparation, delivery of technology to site, and decommissioning.

In connection with its renewable energy products, AXIS may provide its customers with a risk mitigation assessment based on a survey of the insured's risk. These risk assessments are intended to educate customers on their renewable energy projects' risk landscape and how to reduce their projects' technical, environmental, and operational risk exposure. Recommendations from the risk assessment may include improvements to the customer's maintenance practices or investments in additional safety features. In connection with its risk assessments, AXIS has a dedicated Renewables Risk Engineering team which supports and advises brokers, renewables asset developers, and renewables investors in their risk mitigation efforts and thus encourages and supports environmentally friendly behaviors. In addition, AXIS proactively engages with its distribution partners to help support their customers' achievement of sustainability credentials and development of energy transition plans. AXIS has participated in pilot projects with several of its distribution partners to assess insureds' sustainability data and to incorporate such data into the overall underwriting risk assessment of that insured.

As U.S. domestic and international renewable energy industries continue to expand, our renewable energy practice analyzes industry trends, market data, and loss trends to design

and develop insurance products tailored to the specific needs of renewable energy businesses.

Credit risk insurance

We provide credit risk insurance on project finance loans used to build renewable energy projects which are critical to the global renewable energy build-out. We are focusing on initiatives that directly support the transition from carbon energy to renewable resources. We work with commercial and investment banks, export credit agencies, and multilateral and development organizations to finance energy transition projects through their multiple stages of execution across the world. This includes existing technology such as energy efficient combined-cycle gas turbine (“CCGT”) power plants and large-scale LNG liquefaction facilities (both of which adhere to strict sustainability practices), hydropower plants, geothermal power plants to solar power plants, onshore, and offshore windfarms. Importantly, it also encompasses rapidly evolving solutions, such as battery energy storage systems, carbon capture and storage, and electric vehicle (“EV”) battery plants.

Global credit insurance

As a global credit insurer, AXIS can facilitate sustainable economic growth in emerging markets. In 2024, the International Finance Corporation (“IFC”) signed a \$3 billion credit insurance policy with AXIS, and 13 other global insurance companies, under its Managed Co-Lending Portfolio Program (“MCP”) to support investments in real sector projects, create jobs, and drive sustainable economic growth in emerging markets. The program, MCP Real Sector, leverages the risk-bearing capacity of leading insurers to enhance IFC’s ability to invest globally in real sectors such as energy, transport, telecoms, media and technology, metals and mining, water and waste management, manufacturing, agribusiness & forestry, health, education, life sciences, tourism, retail, construction, and real estate. This offers AXIS an opportunity to expand our coverage to transactions across various sectors and clients, delivering significant social, economic, and environmental benefits in the markets in which IFC invests.

Global credit reinsurance

We provide credit reinsurance solutions for cedants that issue performance bonds for the build and installation of solar farms, wind turbines, and the clean-up of mining and solid waste landfills to help restore the earth back to a clean state.

Clean energy

AXIS underwriting teams regularly collaborate and partner to provide insurance coverage to support the development of clean energy assets. Previously, AXIS’ Construction and Upstream Energy teams partnered to develop a London market insurance line slip that will support the construction and operation of:

- Onshore Erection All Risks (“EAR”) for carbon capture and storage facilities,

- Onshore operational coverage for carbon capture and storage facilities, including transmission and distribution, and
- Carbon capture and storage within onshore wells.

Environmental insurance

Our environmental insurance helps property owners, industrial and commercial facility operators, and specialty and general contractors address the uncertainties that come with environmental projects, including solar projects. Our environmental insurance offers innovative coverage against environmental risk exposures and provides versatile solutions to safeguard against pollution- and hazardous waste- related risks. In addition, our environmental insurance policies may cover the clean up of hazardous waste and the restoration of sites that present a hazard to health and the environment. Insurance solutions include contractor's pollution liability and pollution legal liability.

Design professional liability insurance

Our design professional liability insurance coverage recognizes that architectural and engineering professionals face a broadening scope of contractual requirements and potential liability, including contractual requirements relating to sustainability. We encourage our customers to comply with these new requirements and we offer access to risk management services to reduce the likelihood of claims.

Construction insurance

Our Builder's Risk Insurance, provided by our U.S. Construction business unit, provides contractors, owners, and developers with innovative solutions and coverage to address their first-party property damage concerns on projects of varying sizes and complexity. The builder's risk product offers broad physical damage coverage for projects under construction and can also include loss of profits and other expenses in the event the project is not completed on time due to a loss. In addition, we confirm our insureds risk management procedures by means of their Environmental, Health, and Safety Program as well as Water Intrusion or Mitigation Plans. These programs typically address (1) site preparedness for natural catastrophes, (2) hot work and welding procedures to mitigate fire risk, and (3) water intrusion and mitigation plans to reduce the frequency and severity of water damage claims. With respect to water damage, which is a leading driver of loss for projects under construction, we can incentivize proactive water mitigation by offering lower water damage deductibles for insureds who utilize integrated cloud monitoring for Water Internet of Things devices. With proper placement, these devices can detect anomalies in water flow and provide valve shut-off to minimize water damage and use. While we maintain a robust risk appetite, we do not have an appetite for offshore, mining, or oil refining risks.

Agriculture Reinsurance

We provide reinsurance solutions for the increasingly complex world of crop and livestock perils. Crop and livestock insurance allows farmers to collect insurance when yields or market prices are lower than expected, an increasingly common occurrence due to rising global temperatures, weather volatility, and more frequent and severe extreme weather events resulting from climate change. We reinsure crop and livestock insurance programs that incentivize sustainable, risk-aware farming by encouraging better risk management practices. In addition, we support fertilizer warranty covers that promote responsible fertilizer use to encourage more efficient agricultural inputs.

Marine Reinsurance

We reinsure portfolios favoring fleets with stronger safety standards and improved emissions performance. These marine treaties contribute to a shift towards safer and more sustainable fleets, promoting industry-wide improvements in safety protocols and emissions reductions.

Incentivizing sustainable behavior through customer initiatives

In addition, AXIS has identified opportunities to incentivize customers to engage in environmentally friendly behaviors and to make smarter decisions regarding environmental responsibility. Some of these incentives are discussed below:

Property insurance climate-related discounts

On the property side, AXIS uses vendor models that are sensitive to building characteristics. These models result in discounted pricing for building codes that are more resilient to climate-related risks.

Commercial construction, manufacturing, transportation, hospitality, and real estate customers

Through our U.S. Primary Casualty and Excess Casualty business, we insure specialty businesses in the commercial construction, manufacturing, transportation, hospitality, and real estate industries. Our policies involve individual account rating and pricing, which are adjusted annually to reflect an insured's successful implementation of risk management, safety practices and loss prevention measures. Our underwriting and pricing methodologies offer insureds the ability to proactively manage and affect their premium costs, as they are largely in control of their own loss experiences.

Chemical, petrochemical, oil and gas, and energy customers

Our U.S. Excess Casualty customers include specialty businesses in the chemical, petrochemical, oil and gas, and energy industries. These types of insureds typically experience significant exposures to environmental hazards and accidental chemical and petrochemical spills and releases. Subject to our Fossil Fuel Policy (discussed in "Fossil Fuel Policy"), we provide cover for third party bodily injury and property damage arising from pollution events caused by risks and operators within these industries. We also provide

environmental insurance and specialty cover related to pollution and hazardous waste, as described in “Environmental Insurance”, and a limited pollution coverage on an excess basis that supplements excess coverage provided for general liability, automobile liability and employers liability. Our underwriting and pricing practices are designed to benefit and reward those insureds who are best able to manage their environmental and pollution exposures through sound risk management, safety practices, loss prevention, and ultimately the prevention of spills and releases of pollutants.

Risk control services

Alongside our underwriting operations, AXIS utilizes risk control services that carefully identify exposures in our property and casualty business through both loss-control inspections and reviews. Identifying the hazards and providing solutions that mitigate or eliminate such hazards ultimately makes the policyholder’s business safer. AXIS periodically meets with policyholders and provides detailed guidance to help policyholders identify potential areas of loss before an event or circumstance giving rise to a loss can materialize. Examples include:

- **Property business.** In our property line of business, losses can result from the release of contaminants from fire (smoke and heat) water damage, destruction of property, and other environmental exposures. Our risk control service works with policyholders in this area to make recommendations that, if implemented, may greatly limit the likelihood of devastating damage to property and the surrounding environment.
- **Green endorsements.** AXIS offers green endorsements or add-on components to commercial property policies. These green endorsements may include coverage for “green” construction, materials, and equipment and may potentially cover the higher cost of environmentally-certified materials, equipment, design, and engineering.
- **Casualty business.** On the casualty side of the business, inspections identify injury hazards or exposures in the commercial space, and we recommend solutions and improvements aimed at eliminating the potential for injury. These efforts provide employees with safer workplaces and in some cases may improve the public environment.
- **Premium credits.** AXIS may offer premium credits for behaviors such as management cooperation in matters of safeguarding and proper handling of covered property and particular care being given to insured premises, to insureds with “green” buildings, or to those conducting energy efficiency upgrades on their current buildings. We offer premium credits for properties for which state-approved fortification improvements have been made and for qualifying structures built, rebuilt, or retrofitted to better resist hurricanes and other catastrophic windstorm events. Premium credits are also given to customers that maintain smart devices that monitor temperature, fire, and water leakage. Additionally, AXIS offers

premium credits to landscape industry customers in almost all states who have obtained nationally recognized safety designations.

Policies and Guidelines

We are committed to supporting the energy transition through our underwriting and investment policies and guidelines.

Fossil Fuel Policy

As thermal coal and oil sands are among the most carbon-intensive fossil fuels, AXIS developed and implemented a Fossil Fuel Policy limiting our exposure to these industries. In particular, the policy places limits on our investments, and our provision of insurance and facultative reinsurance to new or existing thermal coal plants or oil sands infrastructure and, subject to limited exceptions (including an exception for companies with climate transition plans in place), our provision of new insurance or facultative reinsurance to, and investment in, the companies that build, own, or operate such enterprises. AXIS also significantly limits business related to the Arctic National Wildlife Refuge. Through the policy, we also aim to encourage environmentally responsible business practices among our current and prospective insureds by, among other things, encouraging them to commit to mid- to long-term transition plans away from the thermal coal or oil sands business. This is part of AXIS' broader strategy to invest in growth areas such as renewable energy insurance.

In addition, through our Fossil Fuel Policy, AXIS has committed to fully phasing out thermal coal from its insurance, facultative reinsurance, and investment portfolios no later than 2030 in OECD countries and 2040 globally. Additionally, by the end of 2025, AXIS has committed to phase out any existing investments in companies in the thermal coal or oil sands industries that exceed its policy thresholds.

Responsible Investing Policy

In addition to AXIS' Fossil Fuel Policy discussed above, which restricts AXIS' investments in certain industries, AXIS continued to apply its Responsible Investing Policy to incorporate responsible investing considerations into investment decisions to better manage risk and achieve long-term profits.

The Responsible Investing Policy sets forth the principles governing AXIS' responsible investment strategy, asset manager selection and oversight, stewardship, and engagement as well as responsible investing governance and responsibilities.

With respect to asset management selection and oversight, the Responsible Investing Policy details how AXIS evaluates its investment managers and its performance through an annual scorecard process. Each year, AXIS asks its relevant investment managers to complete a due diligence questionnaire which covers, among other things, Responsible Investing Policy updates, resources, investment practices, affiliations, and reporting. Based on their responses, managers receive a summary of the responsible investing score which

is factored into its broader manager assessment score. The Investment team monitors the annual scores of its investment managers and takes the responsible investing scores into account when considering whether to redeem or sell all or a portion of the investments managed by a particular investment manager. AXIS' Investment Risk team is responsible for monitoring and reporting compliance with the Responsible Investing Policy to the management Investment and Finance Committee and Board Finance Committee.

AXIS is also focused on providing capital in order to promote a sustainable future. While financial considerations are paramount, AXIS seeks to support building a more sustainable future by providing capital for eco-friendly programs. To date, AXIS has committed \$95 million to investments primarily focused on clean energy, infrastructure, and energy transition.

Sustainable Operations

In addition to the above climate risk management, underwriting, and investment initiatives, AXIS acknowledges that doing our part means being environmentally friendly at the office and within our teams. Key priorities in the reporting year included:

- **GHG measurement and goal-setting:** We continued to track Scope 1, Scope 2, and select Scope 3 GHG emissions in line with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard. We are using the data to identify opportunities to mitigate our carbon footprint and advance our science-based aligned greenhouse gas reduction targets in line with the goals of the Paris Agreement. See GHG data, including our emissions for 2024, in the "Metrics and Targets" section of this report.
- **Office space:** We continue to focus on our real estate portfolio strategy and have decreased global office square footage overall relative to 2019. We optimized existing square footage by continuing to transition to open office configurations in some locations.
- **Employee benefits:** AXIS continues to incentivize colleagues by providing electric vehicle benefits for AXIS staff in the United Kingdom through a government-backed salary sacrifice scheme with an aim to reduce emissions. As part of the program, AXIS provides colleagues in the United Kingdom with access to discounted lease options for electric and hybrid vehicles. In addition, AXIS allows these colleagues to purchase at-home charging equipment using either a flexible benefits allowance or through a pre-tax payroll deduction.

Spotlight:

Ocean Conservancy

In 2024, we hosted our second annual All AXIS Clean Up Day in partnership with Ocean Conservancy. Over 350 volunteers in 17 locations around the world, dedicated their time to clean up trash around local beaches, rivers, lakes, and parks.

Read more about AXIS Philanthropy [here](#).

Partnership and Engagement

During 2024, AXIS was a signatory or member, as applicable, of the following frameworks and organizations. We leverage the work of these organizations and initiatives to support our climate risk governance:

- The Principles for Sustainable Insurance, a global sustainability framework and initiative of the U.N. Environment Programme Finance Initiative.
- The U.N. Global Compact, a voluntary initiative based on CEO commitments to implement universal sustainability principles and to take steps to support U.N. goals.

Spotlight:

Navigating Risk: Insuring a Sustainable Future in a Fragmented World

In 2024, AXIS participated in the Financial Times' "The Next Five" podcast where our President and CEO spoke alongside other leaders on how the insurance industry must help navigate risk.

Listen on-demand [here](#).

During 2024, we were also involved in climate-focused organizations, including The Geneva Association, the international think tank of the insurance industry.

In addition, our partnership with the University of Illinois' Office of Risk Management and Insurance Research continued in 2024. The partnership is part of AXIS' longstanding commitment to promote research and education in areas relevant to the insurance industry and provide a platform to address areas like climate risk.

Impact of Climate-Related Risks and Opportunities on Businesses, Strategy, and Financial Planning

Since its inception, AXIS has been offering protection against weather-related risks such as hurricanes, windstorms, wildfires, and floods, helping businesses and individuals to proactively manage their exposure to such risks, and, when the need arises, recover from their aftermath. We therefore have a long history of considering physical environmental risks.

AXIS has taken measures to incorporate climate-related factors across our business and to consider climate within the strategic planning process. Our approach considers climate in underwriting and pricing to manage climate-related risks and uses product offerings to respond to climate-related opportunities. Climate considerations are also incorporated into our investment process. Our climate strategy also includes advocacy on relevant matters within the industry and understanding the environmental impact of our own business operations. For information on climate-related risks and opportunities, refer to "Climate Strategy – Climate-Related Risks" and "Climate Strategy – Climate-Related Opportunities" in this report.

For information on how we use scenario testing to mitigate climate-related risk, refer to "Risk Management – Identifying and Assessing Climate-Related Risks – Physical risks – Scenario analysis" and "Risk Management – Approach to Managing Climate-Related Risks Within Overall Risk Management Framework – How We Manage Climate-Related Risk – Stress and Scenario Testing" in this report.

Risk Management

Identifying and Assessing Climate-Related Risks

We specifically seek to identify and assess climate-related risks relating to our portfolios by geography and line of business. These risks include physical, transition, and liability risks. Aspects of our process for identifying and assessing these risks are discussed below. We are continuously working to enhance our climate risk assessment framework. In 2024, we progressed our work on further understanding our climate liability exposure and the potential impact of climate litigation on our insureds.

Physical risks

Physical risks include extreme weather-related events (acute) and longer-term shifts in climate patterns (chronic). These risks emanate primarily from the underwriting of property insurance.

Catastrophe models

Catastrophe modeling is critical to our climate risk strategy and is the primary tool that we use to assess the potential financial impact of natural catastrophe risk. Catastrophe models from Verisk Analytics Inc. help assess our exposure to specific catastrophe events in peril regions, and we use our catastrophe model results, together with hazard map based risk assessment for non-modeled peril regions, to calculate our net Probable Maximum Loss (“PML”) for defined regional zones, such as the U.S. Southeast, and California.

Our PML estimates are based on assumptions that are inherently subject to significant uncertainties and contingencies. These uncertainties and contingencies can affect actual losses and could cause actual losses to differ materially from PML estimates. We aim to reduce the potential for model error in a number of ways, most importantly, the models are continuously validated at the line of business level and coordinated through the Exposure Management Center of Excellence (“EMCoE”) at a group level. These validation procedures include verifying the use of state-of-the art science and methodology in the models, sensitivity testing to understand the models’ key variables, and back testing the model outputs to actual loss experience. Loss experience is continuously monitored on a weekly and quarterly basis.

For examples of our PML calculations, please refer to “Metrics and Targets.” Our validation procedures also take climate change into account and in some cases, we adjust the model to represent current climate conditions. Catastrophe model results and PMLs are then used to mitigate and manage physical risks through portfolio management, product pricing, capital allocation, estimation of losses, strategic planning, and reinsurance purchasing decisions.

Scenario analysis

We perform scenario analysis to understand how climate-related risks and opportunities may evolve over time and to ensure compliance with solvency and liquidity requirements in stressed conditions. Scenario analysis and stress tests are forward-looking tools used to evaluate resilience under possible adverse conditions, by identifying potential events and quantifying their impact on the Company on both a current and forward-looking basis. Reverse stress testing further complements this process by helping us understand circumstances that could render the business model unviable in the short to mid-term.

Through our Exposure Management Center of Excellence ("EMCoE"), AXIS has devised a set of 2°C global warming climate change scenarios to inform our business strategy. The methodology applied allows us conduct experiments using different global warming scenarios. Scenarios have been devised for U.S. Hurricane, European Windstorm, U.S. Wildfire, U.K. flood, and Japan Typhoon. These climate change scenarios are based on relevant reports by the Intergovernmental Panel on Climate Change ("IPCC") which sets out potential future climate scenarios and other scientific literature. The scenarios have been reflected in our catastrophe modeling by modifying the frequency and severity of events in the event sets. In some scenarios the location of events is also considered to adjust the event sets. These modifications are implemented using Monte Carlo simulations providing a tool to probabilistically assess the stressed scenarios including their sampling uncertainty.

The results illustrate that, across all return periods, climate change is modeled to predominantly increase losses at varying degrees, depending on the return period and peril region. Peril regions not listed above are adjusted in a simplified manner based on scientific literature, including the most recent IPCC report, and expert judgment. This allows AXIS to estimate the global impact of climate change which shows an overall increase of losses.

The framework is built so that it easily allows changes to the scenarios to consider different time frames and/or different climate change scenarios (e.g., a 3°C warming scenario). This helps AXIS to run sensitivity tests and conduct enhanced climate change stress testing to understand how climate-related risks and opportunities may evolve over time and to assess the impact of long-term climate trends on the Company's current portfolio. In 2024, we continued to evolve our climate change stress testing by integrating climate scenarios into broader stress tests and further embedding climate change into our risk framework (for example Major Natural Catastrophe, with additional 2°C climate warming scenario for Southeast Windstorm).

The EMCoE also reviews our modeling approach and identifies and reviews peril regions most likely to be affected by climate change. If a peril region is affected by climate trends, we check if and how the model vendor incorporates emerging trends arising from climate change (and other sources) into their model, and if the model losses are in line with our recent loss experience. If this is not the case, we may adjust our view of risk by applying modifications to adjust the severity of events or by adjusting return periods of

benchmarking events to reflect changing frequency of catastrophe events. The changes in the view of risk recommended by the EMCoE are presented to stakeholders (e.g., underwriters, risk managers, actuaries) to formally discuss and sign off on these changes.

Transition risks

Transitioning to a lower-carbon economy will likely involve technological shifts, evolving regulations, market and consumer adaptations, and broader societal and policy changes to address climate risks.

We monitor and assess the potential future impacts that political and regulatory developments may have on our business. In particular, our legal, risk, and compliance teams perform ongoing monitoring and assessment of any planned or actual changes in legislation pertaining to the insurance sector, including those related to climate change, and engage with impacted business areas to ensure compliance. The regulatory focus on how businesses in the financial services industry, including insurance companies, manage climate risk in both their business operations and investment portfolios is increasing.

We monitor changes in technology and societal adaptation to a lower-carbon economy that may change demand for particular products and present new product opportunities. AXIS also closely monitors scientific literature on climate change, including reports by the IPCC, to identify transition risks to our business.

Liability risks

Liability risks relate to losses or damages suffered by our insureds from physical or transition risks, such as losses stemming from climate-related litigation in liability lines.

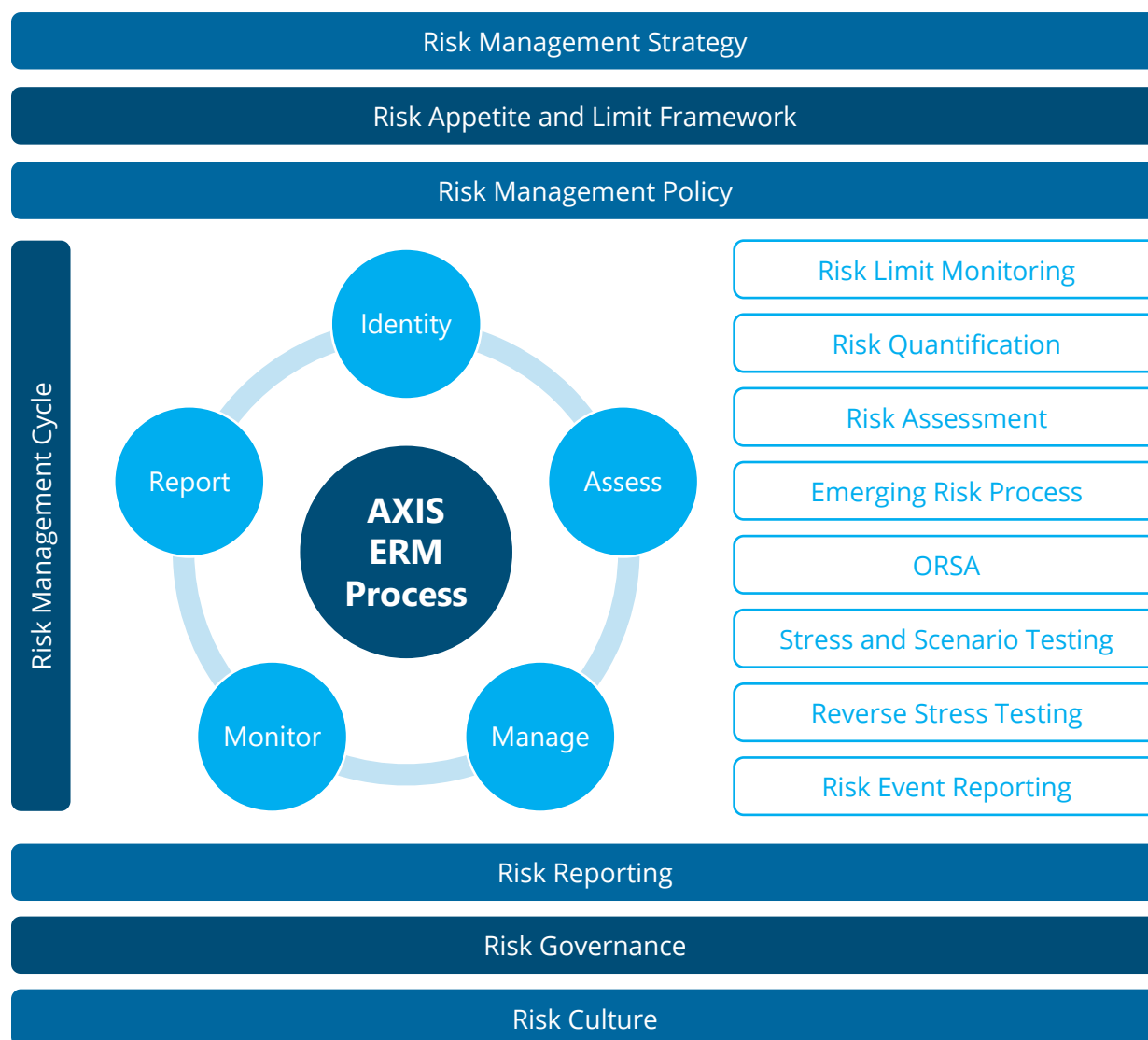
These risks could arise from management and boards of directors not fully considering or responding to the impacts of climate change or not appropriately disclosing current and future risks.

In addition, new regulatory developments, increased litigation activity and subsequent liability issues associated with climate change or greenhouse gas emissions may lead to losses under environmental liability, product liability and directors and officers or professional liability, particularly where the emitter is deemed to have misled investors.

In addition, there is a link between liability risk and transition risk as the failure of companies to shift towards a low-carbon future and mitigate the impacts of climate change may lead to losses incurred by insureds. Although our liability exposure is considered limited at present, as the outlook for climate change litigation is highly uncertain, we monitor litigation trends to assess the potential impact of any developments on our businesses and overall risk mitigation strategies.

Approach to Managing Climate-Related Risks Within Overall Risk Management Framework

Process for risk management



Our ERM framework is evolving and responds to changes in the Company's internal and external environment to enhance value creation and remain relevant to the business. The implementation and oversight of the framework is the responsibility of the Risk Management team, which is led by our Chief Risk Officer.

The key objectives of the framework are to:

- Protect our capital base and earnings by monitoring risks against our stated risk appetites and limits;

- Promote a sound risk management culture through disciplined and informed risk taking;
- Enhance value creation and contribute to an optimal risk-return profile by providing the basis for efficient capital deployment;
- Support the group-wide decision-making process by reliable and timely risk information; and
- Safeguard our reputation.

The above diagram shows all the components of the Company's ERM framework.

Climate-related risks and opportunities are overseen and managed as part of our ERM framework, which considers material risks that could arise from operating our business. It is designed to assess (qualitatively and quantitatively), manage, mitigate, and report on the risks as identified in the ERM framework.

How we manage climate-related risk

Firm-level

Our ERM framework manages environmental risks at the firm level over short-, medium- and long-term horizons and provides the Chief Risk Officer and Executive Committee with a consolidated view of AXIS' key risks. Our ERM framework uses a holistic approach for managing climate-related risks. Environmental risks identified through the ERM framework are used to inform business strategy for business lines and products, capital needs, and reinsurance decisions. In 2024, we produced the first Group "Climate Dashboard" which is a tool to help management to understand the risks and opportunities related to climate change in line with the Group's strategy and risk appetite. The dashboard will continue to be developed, as new information, tools and analytics become available.

Catastrophe models, as described above, assist in managing our aggregate exposure to natural catastrophes and climate risk. These models assist us in monitoring our portfolio's exposure to risks for specific catastrophic events in peril regions.

Our catastrophe models also are taken into account in setting our long-term financial strategies and business objectives, including new product development. For example, AXIS is investing in growth areas such as renewable energy insurance, an area in which we have maintained our position as a leading global insurer, particularly for wind, solar, and battery storage facilities.

As mentioned previously in this report, AXIS may adjust or reposition its portfolio based on its assessments of climate-related risks.

Policy- and portfolio-level

At the policy level, AXIS takes into account environmental risks, along with other relevant perils, in pricing, coverage limitations, duration, and other policy terms and conditions. Our

catastrophe and other peril models inform our underwriting decisions, pricing and policy terms and conditions, and reinsurance purchasing decisions.

The underwriting process, along with the environmental risk assessment, is specific to the risks to be insured. Our underwriting process factors in natural catastrophe exposure and any other relevant risks. If the drivers of a risk change, upon renewal we may update pricing, add contract endorsements, or include exclusions to reflect the updated risk. As the majority of our insurance contracts are renewed annually, we are able to quickly respond to any such risk change. Return on risk-adjusted capital is a key metric incorporated into our underwriting decisions. Policies with more risk require a higher return on risk-adjusted capital, along with higher premium levels.

Reinsurance

AXIS buys reinsurance and retrocessional cover (insurance against losses experienced within our insurance or reinsurance portfolio) to mitigate the financial impact of any covered weather and catastrophe events. We cede catastrophe risk generally on a treaty basis (i.e., covering a portfolio of risks), buying both proportional and non-proportional coverages.

Under proportional treaties, AXIS cedes an agreed percentage of related premiums and losses and loss expenses on the policies underwritten. This generally includes both traditional quota shares with rated carriers and third-party capital quota shares that are capped at an upfront collateral amount. Under non-proportional excess of loss treaties, AXIS is covered for losses that exceed a specified threshold. In addition, AXIS periodically uses catastrophe bonds to protect against certain weather-related losses in Europe and North America and enters into swap deals with third parties to diversify AXIS' catastrophe risk profile.

AXIS has a centralized Ceded Reinsurance department, which coordinates external treaty reinsurance purchasing (including retrocession) across the firm, and a separate AXIS Insurance-Linked Securities ("ILS") team, which coordinates the sourcing and structuring of third-party capital and ILS vehicles to support AXIS underwriting. Ceded Reinsurance and AXIS ILS are overseen by our Reinsurance Purchasing Group ("RPG"). The RPG, which includes our President and Chief Executive Officer, Chief Financial Officer, Chief Risk Officer, Group Chief Underwriting Officer, and representatives from the business leadership team, approves each large catastrophe treaty placement, and aims to ensure that our risk tolerance and appetite and counterparty credit metrics are met, and that appropriate diversification exists within our approved counterparty panels. From time to time, we make changes to our catastrophe reinsurance coverage as appropriate and in line with our risk appetite and reinsurance purchasing strategy.

Investments process

AXIS ensures that our investments portfolio, which provides us with sufficient liquidity to meet our claims, is diversified by end-market, issuer, asset class, and type and duration of security. Our Investments team oversees asset allocation decisions and provides a

consistent approach to building our investments portfolio and selecting our external asset managers. While our portfolio is generally short-dated (our fixed income securities had an average duration of three years as of December 31, 2024), we expect that the impact of climate change will be an increased factor in our investments decision-making over time, particularly with respect to longer-term asset classes.

As such, AXIS is committed to incorporating responsible investing considerations into investment decisions to better manage risk and achieve long-term profits. As set forth in our Responsible Investing Policy, AXIS has adopted the following principles for responsible investing:

- Integrating Responsible Investing metrics into the investment evaluation (both manager and security selection) phase.
- Promoting responsible business practices by prohibiting investing in the most eco-unfriendly activities.
- Providing capital to support a sustainable future: While financial considerations are paramount, AXIS seeks to support building a more sustainable future by providing capital for eco-friendly programs.
- Protecting investment assets: Due to its outsourced investment management model, AXIS' primary engagement with responsible investing factors relates to its selection and oversight of its investment managers. Specific restrictions apply to separately managed account portfolios (if possible, also to pooled investment vehicles). AXIS does not rely solely on its investment managers' evaluations of responsible investing issues to protect its assets. AXIS evaluates large aggregation risks and imposes appropriate limits.

Finally, AXIS has established strong Responsible Investing-related Investments oversight. The Company's Chief Investment Officer is responsible for establishing and implementing appropriate processes to ensure that the intent of the Company's Responsible Investing Policy is carried out successfully. The Investment Risk team is responsible for monitoring and reporting compliance with the Responsible Investing Policy to management's Investment and Finance Committee and the Board's Finance Committee.

The Finance Committee of the Board of Directors reviews and approves the Company's Responsible Investing Policy annually following recommendations from the Investment and Finance Management Committee.

Stress and scenario testing

An important component of our ERM framework is our Own Risk and Solvency Assessment ("ORSA") process, which assesses our ability to meet solvency and liquidity requirements in stressed conditions, including climate change scenarios. The purpose of this process is to support short-term decision-making and longer-term strategic management and ensure that AXIS has sufficient capital in line with the Company's risk appetite and solvency targets. It provides additional assurance that the Company would be able to withstand an extreme,

or combination of extreme events, with deficiencies and management actions highlighted as appropriate. A stress test aims to identify possible adverse events and quantify their financial impact on the Company on the current year and on a forward-looking basis. These tests are further complimented by reverse stress testing which is designed to help us understand what could cause the business model to become unviable in the short- to mid-term.

The selected tests are reviewed and approved annually by the Board Risk Committee. The Risk function coordinates the stress and scenario testing exercise in conjunction with other key functions.

Outside of the ORSA process, AXIS monitors non-modelled risks through the AXIS Threats Framework ("ATF"), a suite of internally developed scenarios aimed at assessing low-frequency, high-severity threats. One of the Liability scenarios included in the ATF is an Environmental/ Climate Change Litigation scenario, which considers losses accumulating across Professional Lines and Primary/ Excess Casualty. The ATF scenario suite also includes a U.S. Wildfire and a Canada Wildfire threat. Both scenarios include losses from Property, Marine & Aviation and Casualty lines, and can reflect the effects of climate change through resulting loss estimates. We also stress test our investments portfolio to account for various scenarios related to climate change. We use historical and hypothetical scenarios to analyze the impact of unusual market conditions and to ensure potential investment losses remain within our risk appetite.

Metrics and Targets

AXIS is committed to accountability and transparency on climate-related matters. Since 2020, we have been signatories of the U.N. Global Compact and Principles for Sustainable Insurance, and we report annually on our program to those organizations. We also publish an annual SASB Disclosure Report.

Metrics Assessing Climate-Related Risks and Opportunities

We use a variety of metrics to assess climate-related risks and opportunities in line with our overall business strategy.

Probable maximum loss

As earlier described, we use catastrophe models, combined with our judgment and experience, to calculate our net Probable Maximum Loss (“PML”) for a single natural peril catastrophe event for certain defined regional zones. We have developed PML estimates for various natural peril catastrophe events to assess our catastrophe exposure and inform our underwriting strategies.

Estimated Net Exposures (millions of U.S. dollars)		January 1, 2025			January 1, 2024		
		50 Year Return Period	100 Year Return Period	250 Year Return Period	50 Year Return Period	100 Year Return Period	250 Year Return Period
Territory	Peril						
<i>Single zone, single event</i>							
Southeast	U.S. Hurricane	\$ 141	160	228	\$ 114	131	149
Northeast	U.S. Hurricane	12	34	73	9	26	59
Mid-Atlantic	U.S. Hurricane	60	105	127	41	85	111
Gulf of Mexico	U.S. Hurricane	122	139	158	104	124	143
Europe	Windstorm	62	89	111	59	87	107
Japan	Windstorm	5	6	13	10	12	21
Japan	Earthquake	30	49	87	41	67	114
California	Earthquake	133	162	194	115	137	163

The table above shows our net PML to a single natural peril catastrophe event within certain defined single zones which correspond to peak industry catastrophe exposures at January 1, 2025 and 2024.

The return period refers to the frequency with which losses of a given amount or greater are expected to occur. A zone is a geographic area in which the insurance risks are considered to be correlated to a single catastrophic event. Estimated losses from a modeled event are grouped into a single zone, as shown above, based on where the majority of the total estimated industry loss is expected to occur.

In managing zonal concentrations, we aim to ensure that the geography of single events is suitably captured, but distinct enough that they track specific types of events. For example, our definition of Southeast wind encompasses five states, including Florida, while our definition of Gulf of Mexico windstorm encompasses four states, including Texas.

Our PMLs take into account the fact that an event may trigger claims in a number of lines of business. For instance, our U.S. hurricane modeling includes the estimated pre-tax impact to our financial results arising from our property lines of business including energy business, and our marine and aviation lines of business. Our PMLs include assumptions regarding the location, size and magnitude of an event, the frequency of events, a property's construction type and susceptibility to damage, and the cost of rebuilding the property. Loss estimates for non-U.S. zones will be subject to foreign currency exchange rates, although we may mitigate this currency variability from a book value perspective.

As indicated in the table above, at January 1, 2025, our modeled single occurrence 1-in-100 year return period PML for a Southeast U.S. hurricane, net of reinsurance, is approximately \$160 million. According to our modeling, there is a 1% chance that on an annual basis losses incurred from a Southeast U.S. hurricane event could be in excess of \$160 million. Conversely, there is a 99% chance that, on an annual basis, the loss from a Southeast U.S. hurricane will fall below \$160 million.

PMLs are based on results of stochastic models that consider a wide range of possible events, their losses, and probabilities. It is important to consider that an actual event does not necessarily resemble one of the stochastic events and the specific characteristics of an actual event can lead to substantial differences between actual and modeled losses.

We have developed our PML estimates by combining judgment and experience with the outputs from the catastrophe model, commercially available from Verisk Analytics, Inc., that we also use for pricing catastrophe risk. This model covers the major peril regions where we face potential exposure. Additionally, we have included our estimate of non-modeled perils and other factors that we believe provide us with a more complete view of catastrophe risk.

Our PML estimates are based on assumptions that are inherently subject to significant uncertainties and contingencies. These uncertainties and contingencies can affect actual losses and could cause actual losses to differ materially from those expressed above. We aim to reduce the potential for model error in a number of ways, the most important of which is by ensuring that management's judgment supplements the model outputs. Models are continuously validated at the line of business and at a group level by our Exposure Management Center of Excellence. These validation procedures include

sensitivity testing of models to understand their key variables and, where possible, back testing the model outputs to actual results.

Estimated net losses from peak zone catastrophes may change from period to period as a result of several factors, that include but are not limited to, updates to vendor catastrophe models, changes to internal view of risk, underwriting portfolios, reinsurance purchasing strategy and foreign currency exchange rates.

Catastrophe losses

AXIS monitors and evaluates natural, man-made, and other catastrophe losses to identify changes in frequency and severity. Pre-tax catastrophe and weather-related losses, net of reinsurance and reinstatement premiums, for our insurance and reinsurance segments for the last three years are set forth in the table below. These are loss estimates as of December 31 of each year for natural catastrophe and weather-related events occurring in that year, as well as losses primarily associated with the Russia-Ukraine war, the COVID-19 pandemic, and the conflict in the Middle East.

(In millions)			
Segment	2024	2023	2022
Insurance	216	111	207
Reinsurance	10	27	196
Total	226	138	403

Climate scenarios

As discussed above, AXIS analyzes climate scenario tests covering various natural catastrophe perils (e.g., U.S. Hurricane, E.U. Windstorm, U.S. Wildfire, U.K. Flood, and Japan Typhoon). The outputs from climate scenario testing are used by AXIS to understand and assess our climate risk exposure and the potential financial impact covered events would have on AXIS' results of operations. These climate scenarios are implemented using third-party models by modifying the frequency and severity of event sets.

Greenhouse gas assessments

We have since 2019 tracked our Scope 1, Scope 2, and select Scope 3 GHG emissions in line with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard.

Our measured GHG emissions for 2024 are set forth below. Previous year GHG assessments, including historical comparisons, are set forth in full at www.axiscapital.com.

2024 AXIS Emissions¹

	2024 MTCO ₂ e
Scope 1 Emissions²	86
Scope 2 Emissions Location-Based²	1,240
Scope 2 Emissions Market-Based²	1,417
Scope 3 Emissions³	2,850
Air/Business Travel	2,695
Downstream Leased Assets	155
Total 2024 Emissions (including Scope 2 Market-Based)	4,353

1. Reported emissions are based on a combination of actual, estimated and extrapolated data, aligned with the GHG Protocol guidance. We are committed to continually improving our data collection, management, and calculation process in line with the GHG Protocol guidance. If our methodology evolves in future years, our emissions may change.
2. We obtained third party limited assurance under ISAE 3000 (Revised) over the preparation of our Scope 1 emissions and our Scope 2 Location-Based and Market-Based emissions for the year ending December 31, 2024 in accordance with the GHG Protocol guidance.
3. Scope 3 emissions resulting from employee commuting and waste are no longer reported due to immateriality.

2024 Regional Breakdown*

	United Kingdom	Europe	North America	Asia Pacific
Scope 1	18	9	59	0
Scope 2 Location-Based	167	20	1,045	8
Scope 2 Market-Based	315	19	1,075	8
Scope 3	617	147	2,081	5
Air/Business Travel	580	147	1,963	5
Downstream Leased Assets	37	0	118	0
Total 2024 Emissions (including Scope 2 Market-Based)	950	175	3,215	13

*n/a indicates not applicable or specified; “-” indicates true zero.

Total carbon emissions decreased year over year, and cumulative Scope 1 and 2 emissions have declined year over year since we started tracking in 2019. Significant Scope 2 emissions reductions were primarily achieved in 2020 because of changes due to the COVID-19 pandemic. Our cumulative Scope 1 and Scope 2 emissions have decreased since 2019 mainly as a result of office square footage reductions and changes in methodology. We continue to monitor our Scope 1 and 2 emissions and look for opportunities to reduce

our emissions through optimization of the AXIS global real estate portfolio and identification of efficiencies in facilities management.

Targets Addressing Climate-Related Risks and Opportunities

We are committed to the transition to a low-carbon economy. Our targets include:

- **Overall goal-setting:** AXIS is dedicated to reducing the environmental impact of our operations, including our global greenhouse gas footprint. We've committed to a science-based aligned target of 50% absolute reduction of Scope 1 and 2 emissions across our global operations by 2030, using a 2019 baseline.
- **Thermal coal exit goal:** In response to the identification of the thermal coal and oil sands industries as particularly carbon intensive and susceptible to transition risk, AXIS created its Fossil Fuel Policy. As previously noted in this report, pursuant to this policy, AXIS committed to fully phasing out thermal coal from its insurance and facultative reinsurance portfolios no later than 2030 in OECD countries and 2040 globally. Additionally, AXIS has committed to phasing out by the end of 2025 any existing direct investments in companies in the thermal coal or oil sands industries that exceed its policy thresholds.

Important Legal Information

This report contains information about AXIS as of, or for the year ended December 31, 2024, unless otherwise noted. The inclusion of information in this report should not be construed as a characterization regarding the materiality or financial or other impact of that information. Please refer to our periodic and other filings with the SEC, which are accessible on the SEC's website at www.sec.gov and our website at www.axiscapital.com, for additional information concerning AXIS Capital, including information which is more current than that contained in this report. This report should be read in conjunction with our filings with the SEC and the other information we publish.

Certain of the metrics and other information contained in this report are derived from information provided by third parties. These metrics and other information include without limitation certain employee and climate metrics and information. Although we are not aware of any inaccuracies in the third-party provided information, that information has not been independently verified by us. Therefore, actual results may differ from the metrics and other information contained in this report that are derived from third-party information. AXIS Capital has not and does not intend to independently verify third-party data contained in this report.

Certain of the metrics and other information contained in this report, including third-party derived information, are based on estimates and assumptions. In some cases, the methodologies underlying such estimates and the assumptions may in the future be revised. That may in the future result in the modification of metrics and other information contained in this report. AXIS Capital undertakes no obligation to update or revise publicly any such metrics or other information.

In addition, this report contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of historical facts included in this report, including statements regarding our estimates, beliefs, expectations, intentions, strategies, or projections are forward-looking statements. We intend these forward-looking statements to be covered by the safe harbor provisions for forward-looking statements in the United States federal securities laws. In some cases, these statements can be identified by the use of forward-looking words such as "may", "should", "could", "anticipate", "estimate", "expect", "plan", "believe", "predict", "potential", "aim", "will", "target", "intend", or similar expressions. These forward-looking statements are not historical facts, and are based on current expectations, estimates and projections, and various assumptions, many of which, by their nature, are inherently uncertain and beyond management's control. These statements include, among other things, statements about our product offerings, catastrophe losses, customer initiatives, modeling, the physical, transition and liability risks of climate change, and environmental sustainability targets and goals. Results may differ materially from those expressed or implied by forward-looking statements. Factors that can cause results to differ materially include those described under "Forward Looking Statements" in AXIS Capital's most recent Form 10-K and Form 10-Qs filed with the SEC and available on our website. AXIS Capital undertakes no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise.