

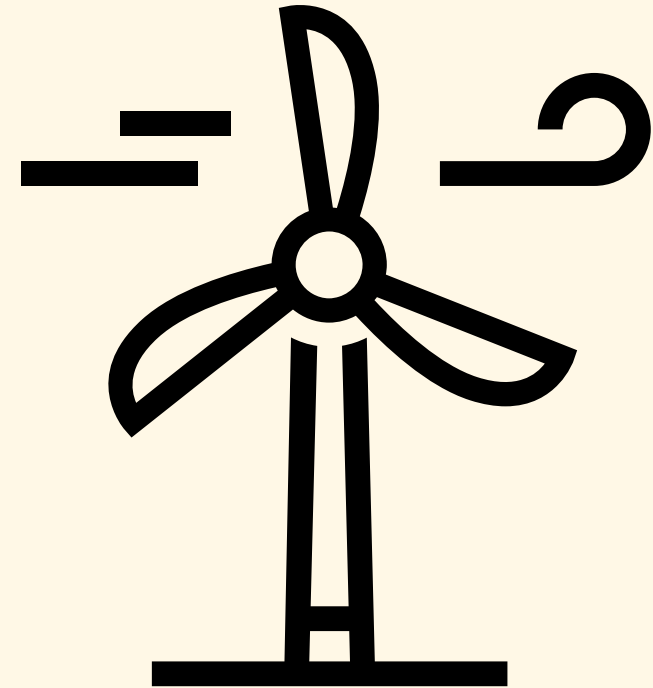
a.s.r.

Thematic position paper

Climate Change & the Energy Transition

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1. Introduction

This position paper is part of a series of four, each focusing on one of the key themes in our [Sustainability Strategy](#) and [Policy on Responsible Investments](#):

- ✓ Climate change and the energy transition
- ✓ Biodiversity and natural resources
- ✓ Health and wellbeing
- ✓ Human rights

In each paper, we explain the theme's importance and relevance for our clients' investments, outline our approach to reducing harm, driving change, and creating positive impact, and set out the targets we have committed to. We also detail how we monitor and report on progress to ensure transparency and accountability.

a.s.r. asset management

a.s.r. asset management is a wholly owned subsidiary of ASR Nederland N.V. (a.s.r.) and specialises in managing investment funds and providing investment services to a.s.r. and third-party clients. a.s.r. asset management's investment services include:

- ✓ **Collective asset management:** We manage a range of investment funds that serve the needs of different groups of clients.
- ✓ **Individual asset management:** We offer asset management services tailored to the requirements defined in investment mandates given to us by individual clients.
- ✓ **Order processing:** We handle the receipt and transmission of orders on behalf of clients.



2. Management summary

Climate change poses significant risks to the global economy, ecosystems, and society, primarily due to human activities that release greenhouse gases (GHGs) into the atmosphere, such as burning fossil fuels. Rising temperatures contribute to more extreme weather events, rising sea levels, and ecosystem disruptions. Achieving the goals of the Paris Agreement – limiting global warming to well below 2°C and pursuing efforts to limit it to 1.5°C – requires urgent and significant reductions in GHG emissions.

We integrate climate change considerations into our investment decisions to manage climate-related risks on behalf of our clients and support the transition to a low-carbon economy. Our [Policy on Responsible Investments](#) outlines how we incorporate ESG considerations, including climate change, into our investment decisions to achieve our three policy goals. For climate change, this involves the following:



Reduce harm: We exclude investments in economic activities that are incompatible with a low-carbon economy or have a severely negative impact on climate change, such as coal mining and generating electricity by burning coal.



Drive change: We engage with companies to encourage them to align their business with the Paris Agreement and implement climate transition plans backed by science-based GHG reduction targets. Our focus is on companies on the demand side of the fossil fuel value chain, given our strict fossil fuel exclusions.

Create positive impact: We make impact investments across a range of asset classes that help address the challenges posed by climate change. We focus on both climate mitigation (reducing GHG emissions) and climate adaptation (building resilience to the effects of climate change).



Our ambition is to reach net-zero financed GHG emissions across all assets we manage on behalf of our clients by 2045 – five years ahead of the Paris Agreement target. To define our pathway to net zero, we have set the following intermediate targets:

- ✓ A 25% reduction in carbon intensity (tCO₂e / million euros invested) in 2030, compared to 2023.
- ✓ A 75% reduction in carbon intensity (tCO₂e / million euros invested) in 2040, compared to 2023.

These targets apply to investments in government bonds, corporate bonds, and equities that we manage for a.s.r.'s own account. We intend to expand these targets to include additional asset classes when suitable measurement methodologies and data become available, further aligning our clients' investments with our net-zero ambition.

3. Climate change & the energy transition

What is climate change and how is it caused?

Climate change refers to long-term changes in average temperatures and weather patterns. It is widely accepted among scientists that human activity, particularly the burning of fossil fuels, is the primary driver. When coal, oil, and natural gas are burned, they release greenhouse gases (GHGs) such as carbon dioxide (CO₂) into the atmosphere, trapping heat and driving global warming.

As temperatures rise, the consequences become more severe. We are already witnessing longer, more intense heatwaves, heavier rainfall leading to frequent flooding, and more powerful storms and hurricanes due to warmer ocean temperatures. The IPCC's Sixth Assessment Report (AR6) warns that extreme weather events will not only become more frequent but also more destructive, posing growing threats to infrastructure, food security, and human life. Meanwhile, melting ice caps and rising sea levels threaten coastal cities and entire ecosystems, putting millions of people at risk of displacement. Evidence also shows that global warming is accelerating faster than previously anticipated, underscoring the urgency of action.



Why does climate change matter for investors?

Climate change presents both risks and opportunities for investors. Extreme weather events can disrupt operations, damage infrastructure, and strain supply chains, leading to direct financial losses. Regulatory changes, such as carbon pricing and emissions caps, can further impact the profitability of carbon-intensive industries. Companies that fail to adapt may face stranded assets, declining valuations, and reputational risks, making climate change a key consideration for long-term investment stability.

At the same time, the transition to a low-carbon economy presents significant opportunities for growth. Investments in renewable energy, clean technologies, and sustainable infrastructure create new avenues for value creation while reducing systemic climate risks. Investors who act early can support companies that are innovating and adapting, positioning themselves ahead of the regulatory curve and helping drive meaningful environmental and economic change

What are global climate goals?

The science is clear: to avoid the worst impacts of climate change, global warming must be limited to well below 2°C, and ideally to 1.5°C, above pre-industrial levels, as outlined in the Paris Agreement. Achieving this requires immediate and rapid reductions in global GHG emissions, with emissions peaking by 2030 and reaching net zero by 2050. Missing these milestones would significantly increase the risk of severe and irreversible damage to ecosystems, economies, and communities worldwide.

To meet these goals, the global economy must undergo rapid decarbonisation. This means phasing out fossil fuels and transitioning to clean energy sources. Major sectors such as transportation, industry, and buildings must be electrified, while renewable sources of energy – such as wind and solar – must be scaled up. In harder-to-decarbonise sectors, such as heavy manufacturing and aviation, low-carbon technologies like green hydrogen and carbon capture will be key to achieving the necessary emissions reductions.

However, progress to date has been insufficient. In 2025, global GHG emissions still increased (by 1.1% compared to 2024)¹. Fossil emissions grew across virtually all regions, including the EU and USA. Which is a reversing of long-term decreases over the past decades².

1 Global Carbon Budget (2025), Global Carbon Budget 2025

2 Global Carbon Budget (2025), Global Carbon Budget 2025

Limiting climate change to +1.5°C requires swift and decisive action

The remaining carbon budget, the total amount of GHGs that can be emitted while maintaining a reasonable chance of limiting climate change to +1.5°C, is nearly exhausted. At the beginning of 2026, there is approximately 50GtC or 170 GtCO₂e left, which corresponds to around four years at the 2025 emissions levels³. For reference, in 2024 human caused global warming had already reached +1.36°C.

Limiting climate change to +1.5°C therefore requires swift and decisive action, mainly to use less energy and transition from the use of fossil fuels to renewable energy.

Despite this being a daunting challenge, there is sufficient cause to believe this is still possible – some of these highlights include: renewable energy now being the cheapest form of energy, electricity being the single largest supplier of useful energy of any fuel or carrier, GHG emissions in many developing economies (such as China) being flat-to-falling over the last few years, and investments in power generation exceeding those in fossil fuel supply⁴.

In response to these realities, we focus on accelerating emissions reductions by engaging with companies to implement credible climate transition plans, underpinned by science-based targets. Our work aims to ensure alignment

with the Paris Agreement and help mitigate the most severe impacts of climate change.

How do we see our role?

We see our role as twofold: first, managing the financial risks that climate change poses for our clients and stakeholders, and second, facilitating the transition to a low-carbon economy through our investment decisions. By incorporating climate-related risks into our investment decisions, we aim to mitigate their financial impact and ensure our clients' portfolios can remain resilient in an increasingly volatile landscape, where extreme weather and evolving regulations will likely shape financial outcomes.

At the same time, we are committed to using our influence to drive change and support the goals of the Paris Agreement. We engage with companies, encouraging them to adopt sustainable business practices and set ambitious decarbonisation targets. With direct investments in areas such as renewable energy, energy storage, and low-carbon technologies, we help create positive impact and drive the systemic changes needed to transition the global economy while generating long-term value for our clients. We also avoid investments in economic activities that are incompatible with a low-carbon future or in companies whose operations have a significantly harmful impact on climate change.

³ Global Carbon Budget (2025), Global Carbon Budget 2025

⁴ Nat Bullard (2026), Annual presentation on the state of decarbonization

Links between climate change and other focus themes




Our [Sustainability Strategy](#) and [Policy on Responsible Investments](#) define four focus themes: climate change & the energy transition, natural resources & biodiversity, health & wellbeing, and human rights. Climate change is a cross-cutting theme that affects and amplifies challenges in all these areas. This means that addressing climate change isn't just about solving one issue – it also helps mitigate risks and create opportunities across our other focus themes.

Biodiversity & natural resources:

For natural resources & biodiversity, climate action is essential to protect ecosystems and avoid further habitat destruction. Unchecked climate change accelerates natural habitat loss, particularly in vulnerable ecosystems like forests, wetlands, and coral reefs. At the same time, biodiversity loss can also worsen climate change, as degraded ecosystems lose their ability to act as carbon sinks, releasing stored carbon back into the atmosphere and further driving global warming.

Health & wellbeing

Climate change affects health and wellbeing in various ways. Most directly and visibly, climate change contributes to humanitarian emergencies resulting from heatwaves, wildfires, floods, tropical storms and hurricanes and they are increasing in scale, frequency and intensity. Whereas less directly, rising temperatures will likely give rise to: heat-related illnesses, the spread of vector-borne diseases (such as malaria), water- and food-borne diseases (such as cholera) and nutritional deficiencies, as droughts and shifting agricultural seasons threaten food security and increase the risk of malnutrition.

			
	Natural resources & biodiversity	Health & wellbeing	Human rights
Climate change	<p>Accelerates habitat loss and threatens biodiversity</p> <p>Protecting ecosystems and ensuring a just transition are key to mitigating these impacts</p>	<p>Rising temperatures, air pollution, and extreme weather increase health risks, especially for vulnerable populations</p> <p>Climate action reduces pollution and protects health</p>	<p>Impacts access to resources, leads to displacement, and threatens human security</p> <p>A just transition respects the rights of workers and vulnerable communities</p>

These various consequences may also affect mental health, and could potentially overburden local health systems.

Limiting climate change would prevent or reduce some of these consequences. In addition, reducing GHG emissions often goes hand-in-hand with reducing air pollution (for example in case of switching to electric vehicles) and thereby results in additional substantial health benefits. We therefore request companies within the scope of phase iii of our fossil fuel exit strategy, for which this is material, to disclose information on their air polluting emissions and to set targets to significantly reduce these.

Human rights

Climate change presents significant human rights challenges, particularly for indigenous communities, workers, and vulnerable populations. Indigenous peoples face disruptions to their lands and traditions, while workers in high-emission industries need support for a just transition to sustainable



jobs. The shift to clean energy also brings risks, as mining for critical minerals can lead to community displacement, environmental harm, and increased risks of child and forced labour. It is important to uphold human rights across supply chains as the world transitions to a low-carbon economy.

Climate change can also be a driver of mass migration, with rising temperatures and extreme weather displacing communities and creating climate refugees. These displaced populations face significant human rights challenges, including limited access to shelter, healthcare, and livelihoods. Ensuring their rights are protected is a key part of a fair and inclusive response to the climate crisis

4. Climate-related risks and impacts

What are climate-related risks?

Climate-related risks include physical risks caused by climate change and transition risks linked to the shift toward a low-carbon economy. These risks can be seen both as outside-in, where environmental and regulatory changes affect the financial performance of companies, and inside-out, where a company's actions contribute to climate change and exacerbate these risks.

Physical risks stem from the direct impacts of climate change, and include acute events such as storms, floods, and wildfires, as well as chronic changes such as rising sea levels and increasing temperatures. The IPCC⁵ warns that these risks will escalate as global temperatures rise, leading to widespread damage to infrastructure, ecosystems, and livelihoods, particularly if global warming exceeds 1.5°C. These risks are already materializing, and are expected to intensify in the future. From an outside-in perspective, companies and countries with assets or operations in vulnerable regions face increased financial risks, while corporate emissions and resource use contribute to the inside-out impact of exacerbating these risks.

Transition risks arise from the global shift toward a low-carbon economy, including regulatory changes (e.g. carbon pricing), technological advancements, and evolving consumer preferences. Companies that fail to adapt – particularly in carbon-intensive sector – risk higher costs, stranded assets, and loss of market share.



5 Sixth Assessment Report — IPCC

From an outside-in perspective, companies face financial losses if they do not align with the transition, while from an inside-out view, their emissions and business practices contribute to transition risks for the broader economy. While these risks pose challenges, they also offer opportunities for companies and investors that lead in low-carbon innovation and sustainability.

Why are climate-related risks relevant for investors?

For investors, climate-related risks can directly impact financial returns. Both physical risks and transition risks affect companies and countries, making it important for investors to assess both outside-in risks and inside-out risks.

Physical risks, such as extreme weather and long-term environmental changes, can disrupt business operations, damage assets, and strain public finances. Companies in vulnerable areas face increased costs and lower profitability, while governments may face higher debt burdens due to recovery and adaptation spending. These physical risks are equally relevant for our parent company, a.s.r., which faces exposure through its insurance and mortgage business. As extreme weather events increase, they can lead to higher claims costs and affect property values, further influencing financial outcomes. These physical risks often compound with transition risks, as regulatory responses to climate change can further influence financial outcomes.

Transition risks also pose significant challenges. As the world shifts toward a low-carbon economy, companies in carbon-intensive sectors may face shrinking revenues or rising costs from regulatory and market changes. Similarly, governments that lag in the transition may encounter higher

borrowing costs or reduced investment, as investors increasingly prioritize climate-aligned opportunities. Managing these risks forms a core part of our broader approach, whereby we aim to align our clients' portfolios with both financial and sustainability goals.

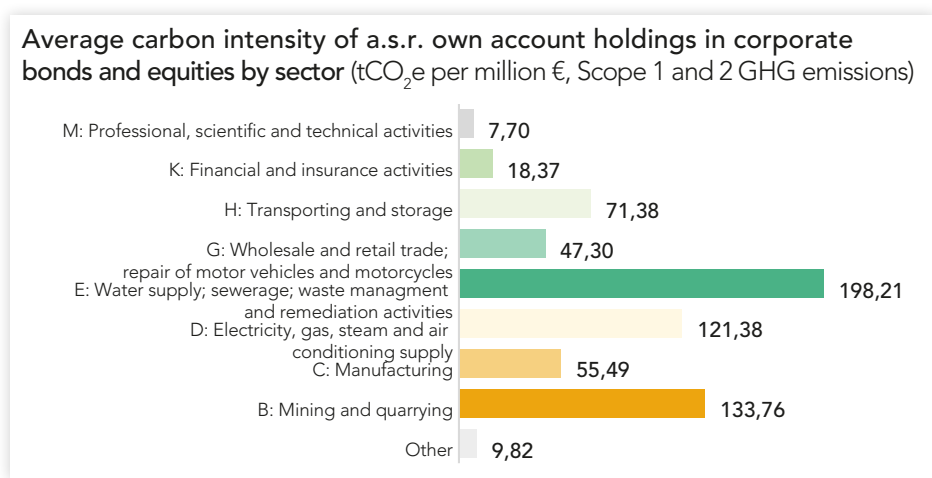
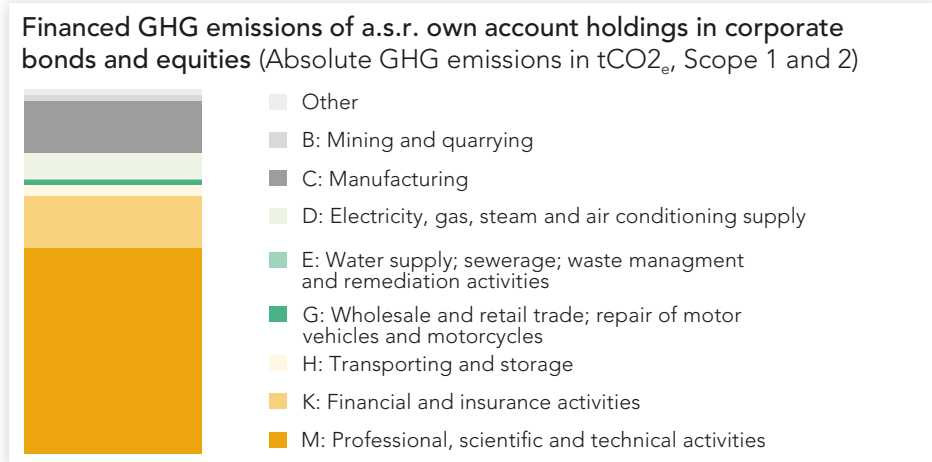
How do our investment decisions impact climate change and climate-related risks?

Our investment decisions are connected to real-world economic activities, such as building factories, producing energy, and growing crops. These activities, funded through our investments and those of other investors, are responsible for generating the GHG emissions that drive climate change. While financial markets and the real economy may sometimes seem disconnected, our investments are indirectly linked to these emissions through the businesses, industries, and sovereign states we support. The "inside-out" impact of these financed emissions is important for us to understand, as they contribute to global warming and exacerbate climate-related risks.

Understanding the carbon footprint of our investments, and identifying which real-world activities generate these emissions, is the first step in managing our climate impact. We therefore ask companies to disclose their (scope 1, 2 and 3) GHG emissions and monitor / report on our financed emissions (e.g. in the a.s.r. Annual Report). We also have set a target on reducing our financed scope 1 and 2 emissions tied to investments made in government bonds, corporate bonds, and equities.

The charts on the right provide a breakdown of the carbon footprint of the investments we manage on behalf of the a.s.r.'s own account as at 31 December 2025. The underlying figures include investments in corporate bonds and equities and are based on the financed Scope 1 and 2 GHG emissions of the underlying companies. The top chart shows how the absolute financed GHG emissions of a.s.r.'s own account investments are distributed across sectors, while the bottom chart shows the variation in average carbon intensity of underlying companies across sectors.

The analysis shows that the majority of GHG emissions financed by a.s.r. through its corporate bond and equity investments are attributed to companies in manufacturing (NACE industry code C), electricity and gas supply (NACE industry code D), and water supply, sewage, and waste management (NACE industry code E). The emissions attributed to finance and insurance activities (NACE industry code K) are somewhat distorted, as these include bonds issued by legal entities related to companies which are active in other industries (e.g. utility companies). In terms of carbon intensity (tCO₂e per million euros), manufacturing and utility companies are the most carbon-intensive. While mining companies (NACE industry code B) contribute less to a.s.r.'s absolute financed GHG emissions due to our zero-tolerance policy on coal mining, they still stand out for having an above-average carbon intensity.



5. The journey to net zero

How will the net-zero journey unfold?

Achieving net zero requires us to do more than only reduce GHG emissions; it requires us to fundamentally transform the global economy. Key sectors, such as energy, transportation, and agriculture, among the largest contributors to global emissions, and they must undergo substantial changes to meet the goals set out in the Paris Agreement. To successfully decouple economic growth from carbon emissions, we must shift towards a sustainable, low-carbon economy that benefits both people and the planet.

Energy generation, primarily reliant on coal, oil, and gas, remains the largest source of global emissions. Significant emissions also come from the transportation sector, as well as from agricultural practices, such as livestock production. Transitioning to net zero will require a complete overhaul of these systems, fundamentally transforming how we produce energy, grow food, and transport goods across the globe.



While the end goal is clear – achieving net-zero emissions by 2050 at the latest – the precise path to this goal remains uncertain. The realised pathway will depend on several factors, including the timing of global climate action, advancements in technology, and shifts in consumer behaviour. Delayed action will inevitably lead to the need for more aggressive decarbonisation later on, assuming the 2050 deadline for achieving net zero is maintained. Innovation, such as breakthroughs in battery storage, green hydrogen, and carbon capture technologies, may reshape the journey entirely. Government policies, such as carbon pricing and subsidies for renewable energy, will also play a crucial role in determining the pace of the transition. Changes in consumer preferences, such as the increasing shift toward plant-based diets and electric vehicles, shouldn't be ignored and can have a significant influence on the trajectory.

To a large extent our engagement efforts are therefore focused on companies in hard-to-abate sectors aligning their strategy with this transition and thereby mitigating part of their climate-related financial risks (for an overview of our demands, see page 20 and 21).



Using climate-scenarios as our compass

Climate scenarios can help investors to account for this uncertainty. They provide a way to explore possible transition pathways and assess how different policy choices, technological advances, and market shifts could impact our investment decisions. We can also use them to inform our investment decisions, such as determining which sectors or economic activities to exclude, or where to invest to best support the energy transition.

Climate scenarios are generally divided into two categories: exploratory and normative. Exploratory scenarios assess how the future might unfold based on current trends or specific assumptions. In the context of climate change, these scenarios help us understand how global warming may progress if no additional significant action is taken or if current climate policies are maintained.

On the other hand, normative scenarios work backwards from a desired outcome – such as achieving net-zero emissions by 2050 – and map out the specific steps needed to reach that goal. These scenarios serve as blueprints for action, outlining the system changes needed to achieve global climate goals. For investors, normative scenarios provide useful insights that help in aligning portfolios with long-term climate objectives and prioritizing investments that contribute to a sustainable, low-carbon future.

6. Our approach

Our [Policy on Responsible Investments](#) is built around three core goals that reflect our commitment to contributing to a better world: reducing harm, driving change, and creating positive impact. This section outlines our approach to climate change and explains how we apply our policy tools and Strategic Asset Allocation (SAA) process to manage climate-related risks and opportunities. These efforts align with global sustainability objectives, including UN Sustainable Development Goals (SDGs) 7 (Affordable and Clean Energy) and 13 (Climate Action).

Asset allocation

We incorporate climate change considerations in our Strategic Asset Allocation (SAA) process, given the impact climate change is expected to have on economies and financial markets over both the short and long term. The SAA process establishes the overall asset allocation for a.s.r. and its subsidiaries, balancing objectives such as solvency, return on capital, and the requirements of different stakeholders.

Our approach considers how climate-related risks and opportunities affect the economic and financial market assumptions underpinning the SAA process. These include factors such as GDP growth, inflation, and asset returns. There is a great deal of uncertainty surrounding how climate-related risks, including transition risks, physical risks, and market risks, will impact these factors. However, the current consensus is for transition risks to increase inflation in the short term (5-10 years), and for physical risks to reduce economic growth over the longer term (15 years and beyond).



We make use of a range of well-regarded sources to inform our “climate aware” assumptions, including the UN Principles for Responsible Investment (PRI) and the Network for Greening the Financial System (NGFS). We expect the scope and quality of information provided by these bodies to improve over time as more research is carried out and better data becomes available. We are following these developments to ensure our approach reflects the latest insights and addresses current modelling and data limitations.

We also use climate scenarios from Ortec Finance to assess whether a.s.r.’s balance sheet is resilient under different temperature outcomes and transition pathways. Further information can be found in the a.s.r. annual report.

Reduce harm

At a policy level, we use exclusions to avoid investing our clients’ money in companies that fall short of our minimum standards or are involved in activities that cause significant harm to people and the planet. For climate change, exclusions play a dual role: reducing financial risks for our clients and limiting the negative impacts of our investments on climate change. In other words, exclusions address both outside-in and inside-out impacts.

Exclusions linked to transition risks help us avoid sectors that are likely to face significant regulatory and market challenges as the world transitions to a low-carbon economy. For example, companies involved in coal mining are increasingly exposed to the risks of stranded assets, rising operational costs, and declining demand. At the same time, these exclusions also address the negative environmental impacts of our investments, since burning coal is one of the most carbon-intensive activities and a major contributor to global warming.

In many cases, these exclusion rationales are interconnected. By excluding companies based on transition risks, we are also reducing our contribution to activities that have a severely negative impact on climate change. In this way, exclusions not only protect our clients from potential financial losses but also support the broader global effort to mitigate climate change.



The table below provides an overview of the exclusion rules we make use of for investments in companies in connection with climate change:

Exclusion rules	Screening criteria
Exclude companies mining and producing thermal coal	Companies deriving >0% of revenues from mining and producing thermal coal ⁶ Companies producing more than 10Mt of thermal coal per year Companies developing new thermal coal mines or extending existing mines
Exclude companies generating electricity from thermal coal	Companies deriving >5% of revenues from coal-fired electricity production ⁷ Companies developing new coal-fired power generation capacity (>0 MW)


Exclusion rules	Screening criteria
Exclude companies producing conventional oil and gas ⁸	Companies classified under the following Bloomberg NACE codes: <ul style="list-style-type: none"> ✓ 0610: Extraction of crude petroleum ✓ 0620: Extraction of natural gas ✓ 1910: Manufacture of coke oven products ✓ 1920: Manufacture of refined petroleum products ✓ 3521: Manufacture of gas.
Exclude companies involved in unconventional oil & gas production	Companies deriving >5% of revenues from unconventional oil & gas production
Exclude investments in fossil fuel commodities	Commodity investments in all forms of oil, natural gas, and coal
Exclude companies whose majority business relates to nuclear energy	Companies deriving >50% of revenues from nuclear power generation, nuclear parts & services, and/or uranium mining

⁶ Explicitly including any (coal)mining by means of mountain top removal or mountaintop mining

⁷ Given that electricity generation in coal-fired power plants results in particularly high GHG emissions compared to other means of electricity production, we are currently engaging with all remaining companies in our portfolios that still operate coal-fired power plants. As part of these engagements, we request them to set- or amend their coal-exit strategy in line with IEA / SBTi prescribed pathways that demand a phase out of generation in coal-fired power plants by 2030 in OECD-countries or 2040 for all other countries. Companies that will not commit to phasing out their remaining coal-fired power production in accordance with this timeline will in due time be excluded from investment

⁸ a.s.r. announced in 2021, as part of its Fossil Fuel Exit Strategy, that it would engage with oil and gas producers between 2021 and 2024 to assess whether they were aligned with the Paris Agreement. Companies found not to be sufficiently aligned would be added to the exclusion list. At the end of 2024, a.s.r. concluded that progress across the sector had been insufficient and decided to exclude those companies classified as oil and gas producers. We remain open to reinvesting should individual companies – or the sector – take the necessary steps to become Paris-aligned.

For government bonds and other government-issued debt, our exclusion approach focuses on countries that are not making sufficient progress in improving their environmental performance. We assess countries using the SDG Index from the SDG Transformation Centre, measuring their progress on climate-related goals, including SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action), as well as broader environmental goals such as SDG 14 (Life Below Water) and SDG 15 (Life on Land). We exclude investments in debt from governments that have an average score of less than 50 across these four SDGs.



Drive change

Our active ownership activities form a key part of our overall climate strategy, helping to drive the energy transition across the sectors we invest in. We make use of two main tools here – engagement and voting – to influence corporate strategies and stimulate alignment with the Paris Agreement. By engaging directly with companies and exercising our voting rights, we aim to accelerate the shift to a low-carbon economy and hold companies accountable for their climate impact. When engagement fails to deliver the necessary progress, we use voting as a tool to reinforce our position.

Bilateral climate engagements

In addition to the climate engagements conducted by our third-party engagement service provider, we carry out direct bilateral climate engagements to support our fossil fuel exit strategy. These engagements target companies in high-emitting sectors across our portfolio, focusing on their climate strategies and transition plans to ensure alignment with the Paris Agreement.

The fossil fuel exit strategy

Our fossil fuel exit strategy is implemented over three and covers the following parts of the fossil fuel value chain:

- 1 Phase 1 (2021)** reduced our exposure to coal production and thermal coal power generation, given coal's outsized impact on global warming and the need to phase it out by 2030-2040 to achieve the goals of the Paris Agreement.
- 2 Phase 2 (2021-2024)** focused on engaging with oil and gas producers to evaluate whether they were aligned with the Paris Agreement. At the end of 2024, we took the decision to exclude companies producing oil and gas due to insufficient progress from the sector to align with the Paris Agreement.
- 3 Phase 3 (2024-2027)** focuses on the demand side of the fossil fuel value chain, in particular companies from the manufacturing, mining, and utilities sectors due to their contribution to our carbon footprint. Our goal with these engagements is to encourage investee companies to implement credible climate transition plans backed by science-based GHG reduction targets that align with limiting global warming to 1.5°C.

Our expectations of companies

We have agreed a clear set of expectations for companies that we make use of when engaging on climate issues (see below). These expectations are aligned with best practices and international frameworks, including the Task Force on Climate-Related Financial Disclosure (TCFD), the Science Based Targets initiative (SBTi). They cover the key elements of corporate climate strategies and climate transition plans.

Topic	Issue	Expectations
Strategy and governance	Climate strategy and climate transition plan	<ul style="list-style-type: none"> ✓ Companies should embed climate-related risks and opportunities in their long-term business strategy. ✓ Companies should prepare a comprehensive climate transition plan that addresses operational and value chain emissions and demonstrates how the company will align its business with a low-carbon economy.
	Board accountability and oversight	<ul style="list-style-type: none"> ✓ The board should hold senior management accountable for delivering on climate-related goals and have a clear governance structure in place to oversee the transition plan. ✓ The board should be composed of members with sufficient knowledge and experience in climate-related issues to effectively challenge the company’s strategy and ensure the climate transition plan is robust and credible.
Targets	Commitment to net zero	<ul style="list-style-type: none"> ✓ Companies should commit to achieving net-zero GHG emissions across their full value chain (Scope 1, 2 and 3) by 2050 or sooner
	Science-based GHG reduction targets	<ul style="list-style-type: none"> ✓ Companies should set GHG emissions reduction targets that cover their full value chain emissions (Scope 1, 2, and 3). ✓ Companies should set targets that lead to a reduction in absolute GHG emissions, not only an improvement in carbon intensity. ✓ Companies should set targets that are aligned limiting global warming to 1.5°C pathway and have them validated by industry bodies, such as Science-Based Targets initiative (SBTi).
	Interim milestones	<ul style="list-style-type: none"> ✓ Companies should set interim GHG reduction targets (e.g. 2030, 2035 etc.) to define their intended decarbonization pathway and allow progress towards long-term targets to be tracked.

Topic	Issue	Expectations
Capital allocation and investments	Alignment of investments	<ul style="list-style-type: none"> ✓ Companies should ensure their investment decisions are aligned with their decarbonization goals. ✓ Companies should avoid investments in high-carbon assets unless they clearly align with a net-zero pathway.
		<ul style="list-style-type: none"> ✓ Companies should make use of climate scenarios to assess their resilience under different potential climate outcome. ✓ Companies should publicly disclose the results of their climate scenario analysis and explain how they have made use of the results.
Risk management	Climate scenarios	<ul style="list-style-type: none"> ✓ Companies should integrate physical climate risks and transition risks into their risk management framework.
	Integration of climate risks	<ul style="list-style-type: none"> ✓ Companies should integrate physical climate risks and transition risks into their risk management framework.
Disclosure and transparency	GHG emissions reporting	<ul style="list-style-type: none"> ✓ Companies should measure and disclose their Scope 1, 2 and 3 GHG emissions in line with the Greenhouse Gas Protocol and other relevant industry standards (e.g. PCAF) ✓ Companies should seek reasonable assurance on their published GHG emissions
		<ul style="list-style-type: none"> ✓ Companies, to which this is material, report over their air polluting emissions ✓ Companies, to which this is material, should set targets to reduce the emissions of air pollutants to levels which do not affect human health and/or vulnerable ecosystems
	Air pollutants emissions reporting	<ul style="list-style-type: none"> ✓ Companies should disclose how climate performance impacts executive pay.
	Executive compensation	<ul style="list-style-type: none"> ✓ Companies should report information on how they seek to exert political influence, including lobbying efforts, related to climate change / energy efficiency related policies, regulations and other requirements (incl. disclosure requirements related to these matters) ✓ In their reporting, companies should explain how any efforts to lower such requirements are aligned with their publicly stated climate goals ✓ Companies are to report on any ISDS claims they may have filed against governments in relation to damages / foregone revenues which it claims are caused by climate change / energy efficiency related policies and/or regulations
	Lobbying efforts	

In our engagements efforts, we generally initially focus on requesting enhanced reporting (including on climate risk management) before enhancements of policies, governance and/or targets. Whilst acknowledging the urgency for corporate climate action as to limit climate change to +1.5oC. As to attest to the required ambition level with regards to climate action, we seek companies to set- and meet science-based GHG emissions reductions targets validated by the SBTi. This process aligns with the approach of our engagement service provider.

Voting guidelines

Where we have shareholder voting rights, we exercise them in a way that reinforces our engagement activities. We generally vote in favour of social and environmental proposals that seek to promote good corporate citizenship while enhancing long-term shareholder and stakeholder value. For climate change, this means supporting resolutions to promote the integration of climate risks into company strategy, enhance transparency, and drive meaningful action toward decarbonisation.

In general, we vote **in favour** of resolutions that:

- ✓ **Promote robust climate disclosures:** Require companies to measure and disclose their Scope 1, 2 and 3 GHG emissions and publish climate-related information in line with the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD).
- ✓ **Support the adoption of science-based targets:** Encourage companies to set and implement credible, science-based targets for reducing GHG emissions, aiming for net-zero by 2050 or sooner.

- ✓ **Advocate for comprehensive climate transition plans:** Support shareholder proposals that require the adoption of detailed and transparent climate action plans.
- ✓ **Require independent third-party verification** of climate data and progress toward emissions reduction targets.
- ✓ **Support responsible climate lobbying:** Promote transparency in lobbying activities, ensuring they are aligned with public climate commitments.

In general, we also **vote against** resolutions that:

- ✓ **Fail to integrate climate-related performance in executive compensation:** Vote against remuneration packages that do not include meaningful climate-related performance indicators, such as progress toward emissions reduction targets.
- ✓ **Sanction insufficient climate-related disclosures and actions:** Oppose the re-election of directors at companies that are significant GHG emitters but have failed to provide adequate climate-related disclosures or implement credible strategies for managing climate risks.
- ✓ **Propose investments or policies that increase reliance on fossil fuels:** Vote against proposals that encourage expansion into new fossil fuel projects or undermine the global effort to transition to cleaner energy sources.



Create positive impact

In 2024, a.s.r. committed to allocate 10% of its assets under management to impact investments that create positive impact across our four focus themes. For Climate Change & the Energy Transition, we aim to invest in companies and projects that contribute to two key climate-related goals:

- ✓ **Climate mitigation:** Contribute to the net-zero transition by supporting activities, such as renewable energy production, that reduce global greenhouse gas emissions.
- ✓ **Climate resilience:** Strengthen the resilience of communities to climate change impacts by enhancing access to sustainable infrastructure and adaptive water management solutions, ultimately improving the livelihoods and wellbeing.

Our Impact Investment Framework provides details of how we invest across different asset classes and the underlying economic activities we aim to support in connection with these goals.

7. Targets

Our overall ambition is to support achievement of the Paris Agreement's goals by facilitating the energy transition and reaching net-zero financed emissions. This ambition is expressed into two targets: (1) to reach net-zero financed emissions across all the assets we manage on behalf of clients by 2045 (five years earlier than targeted by the Paris Agreement) and (2) to increase the share of companies that we are invested in that themselves have set science-based GHG emissions reductions targets that have been validated by the SBTi.

Reaching net-zero by 2045

Although currently the world is not on track to achieve the goals of the Paris Agreement, we hold on to achieving net-zero by 2045. By bringing our net-zero ambition forward from 2050 to 2045, we aim to reduce the risk that decarbonisation efforts are delayed, which could result in overshooting the goals of the Paris Agreement, surpassing 2°C of global warming, and exacerbating the associated climate risks.

We have set intermediate GHG emissions reduction targets that define the pathway we intend to follow on our way to net zero. These targets apply to the assets we manage for the a.s.r. own account and are limited to asset classes where we can measure their financed emissions. For now, this means our 2030 and 2040 targets cover investments in government bonds, corporate bonds, and equities⁹. We intend to bring other asset classes in scope of our targets once suitable measurement methodologies and data become available.

⁹ Our targets are sector-agnostic and apply to underlying investments within an asset class regardless of its sector.



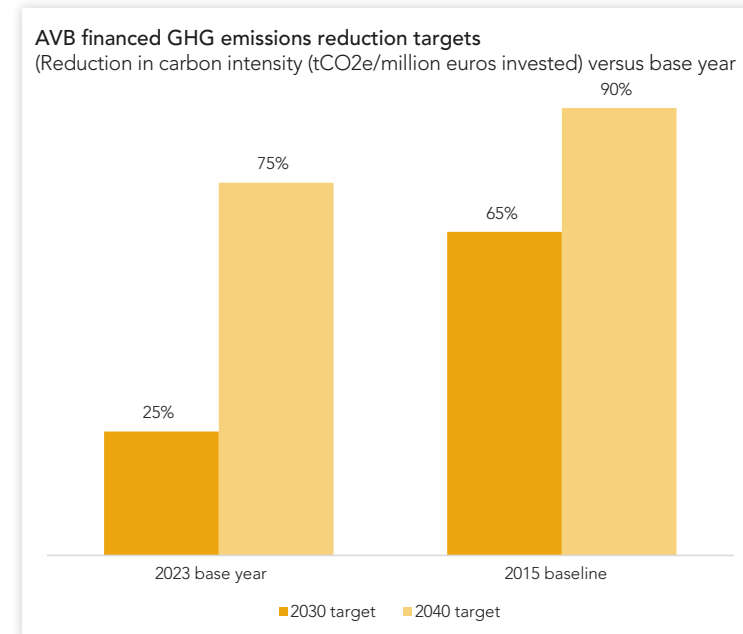
Target	Date	Unit	Scope
25% reduction in carbon intensity versus 2023	31 December 2030	tCO ₂ e / million euros invested	a.s.r. own account assets
75% reduction in carbon intensity versus 2023	31 December 2040	tCO ₂ e / million euros invested	a.s.r. own account assets

These targets build on our earlier decarbonisation efforts, through which AVB achieved a 55% reduction in the carbon intensity of the a.s.r. own account between 2015 and 2023¹⁰. Using 2015 as a consistent base line – the year the Paris Agreement was signed and the baseline for our previous climate targets – our current targets equate to around a 65% reduction in carbon intensity by 2030 and a 90% reduction in carbon intensity by 2040.

Aligning our portfolio with our emissions reduction target

In anticipation of our medium- and long-term GHG emissions reduction targets we aim to increase the share of investee companies that have set SBTi validated science-based targets. Our goal is to increase the share of companies (in terms of market value ; equity and listed corporate bonds) that themselves have SBTi validated targets to 52% by 2030 from 19% in the base year (2023). Within this target (and our monitoring) we apply a one year time lag to ensure comparability throughout the target period and to mitigate further variability caused by delays in our data vendor’s collection process. This target has been validated by SBTi under the financial institutions near-term target criteria.

¹⁰ This figure includes own account assets of Aegon the Netherlands that were acquired by a.s.r. in 2023.



Our portfolio coverage target does give rise to challenges and dilemma’s related to (i) the scope of SBTi targets including client assets and (ii) the PC target increasing the tracking error resulting in capital and return impact. We aim to overcome these by achieving this target solely through the means of engagement. We focus these engagement efforts on a subset of companies for which we believe that committing themselves to setting science-based targets is feasible and would significantly contribute to achieving the target (measured in market value). In part due to capacity constraints, since engagement is fairly labor intensive. Portfolio divestments or investment restrictions are explicitly not part of this commitment, because such divestments or restrictions would impede our fiduciary duties toward clients under the mandates granted to us.

Target dependencies

Achieving our net-zero target by 2045 will depend not only on our internal efforts but also on significant action from both governments and companies. Current government policies, including Nationally Determined Contributions (NDCs), are insufficient to meet the Paris Agreement's goal and are expected to result in global warming well above 2°C¹¹. Governments must ramp up their climate ambition by phasing out fossil fuel subsidies, expanding carbon pricing mechanisms, and offering stronger support for emerging green technologies like green hydrogen. The continued subsidisation of fossil fuels, currently estimated at over \$7 trillion per year¹², undermines global decarbonisation efforts and must also be swiftly addressed to stimulate the required shift towards renewable and low-carbon forms of energy.

For companies, the urgency of decarbonisation is clear. We expect businesses across all sectors to commit to net zero, set science-based targets, and align their business with the Paris Agreement. This includes the adoption of low-carbon technologies, increased transparency in emissions reporting (including Scope 3), and a clear commitment to a just transition for workers and communities. Without strong action from both governments and companies, the world risks overshooting the upper limit of the Paris Agreement, and it will be increasingly difficult for us – and other investors – to achieve our climate goals.

Meeting our portfolio coverage target requires investment companies align their decarbonization efforts with limiting climate change to +1.5°C by setting science-based targets.

¹¹ [Climate Action Tracker Thermometer](#)

¹² [IMF Fossil Fuel Subsidy Database \(2023\)](#)

8. Monitoring & reporting

This document outlines the Climate Change & Energy Transition strategy for AVB's investments. We want to be transparent on our approach and regularly report on the progress we are making toward achieving our climate targets.

We report on the progress against our targets and key actions undertaken to realize this progress – in our Annual Report and included Sustainability Statement. In addition, we publish a combined annual Climate and Biodiversity transition plan, which follows the guidelines of the Task Force on Climate-related Financial Disclosures (TCFD) and the Taskforce on Nature-related Financial Disclosures (TNFD).

We also publish biannual progress reports on our active ownership activities, providing insights into our climate-related engagements. For meetings where we have voting rights, we disclose our voting decisions through our voting dashboard.

We maintain and regularly update lists of excluded companies and countries on our website. The list of excluded companies is updated twice a year, and the list of excluded countries is updated annually.

In monitoring the degree to which companies and governments respect the criteria and standards or involvement in excluded or high-risk activities listed in this document (and/or our Policy on Responsible Investments) we in part rely on data vendors and their implementation of certain criteria. Our recent shift to another service provider may have affected the inclusion of the reference to certain criteria compared to our previous position papers or versions of the Policy on Responsible Investments.



Appendix: Related documents

This document is part of a framework of documents that shape how we invest, ensuring alignment with our investment beliefs and contributing to our Sustainability Strategy. The framework includes the following documents, which can found [here](#) on the AVB website.

Document	Purpose
AVB Sustainability Strategy	Explains our Sustainability Strategy and defines our long-term strategic ambition. It defines three policy goals and four focus themes that shape our approach to investing. These are referred to and expanded upon in the AVB Policy on Responsible Investments.
AVB Policy on Responsible Investments	Explains how we invest in a way that contributes to our Sustainability Strategy and our policy goals. It explains how we use different tools to achieve these goals and defines minimum requirements investments must meet. It also defines our expectations and requirements of external investment managers where we appoint them to manage a proportion of our clients' assets.
Impact Investing Framework	The Impact Investing Framework complements the Policy on Responsible Investments by focusing specifically on how we aim to create positive social and environmental impact through investments. It outlines the requirements that individual investments must meet to qualify as impact, and explains how we measure and report on the outcomes that our impact investments help to create, ensuring transparency and accountability in our approach.
Exclusion List for Companies	Provides an overview of the companies we have excluded from our investible universe. These companies are selected based on exclusion rules and criteria defined in the AVB Policy on Responsible Investments.
Exclusion List for Countries	Provides an overview of the countries we have excluded from our investible universe. These countries are selected based on exclusion rules and criteria defined in the AVB Policy on Responsible Investments.
Climate & Energy Transition Position Paper (this document)	Explains in more detail how we intend to align our investments with the goals of the Paris Agreement and facilitate the transition to a net-zero world with our investment decisions.
Biodiversity & Natural Resources Position Paper	Explains in more detail how we include biodiversity & natural resources in our investment decisions to achieve our Policy goals.

Document	Purpose
Health & Well-being Position Paper	Explains in more detail how we include health & well-being in our investment decisions to achieve our Policy goals.
Human Rights Position Paper	Explains in more detail how we include human rights in our investment decisions to achieve our Policy goals.
AVB Screening Guidelines	Explains in more detail how we analyse companies' ESG performance and practices using ESG data and overall ESG scores from external ESG research providers.
Voting Policy	Explains how AVB exercises shareholder voting rights on behalf of its clients, including ASR Nederland.

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