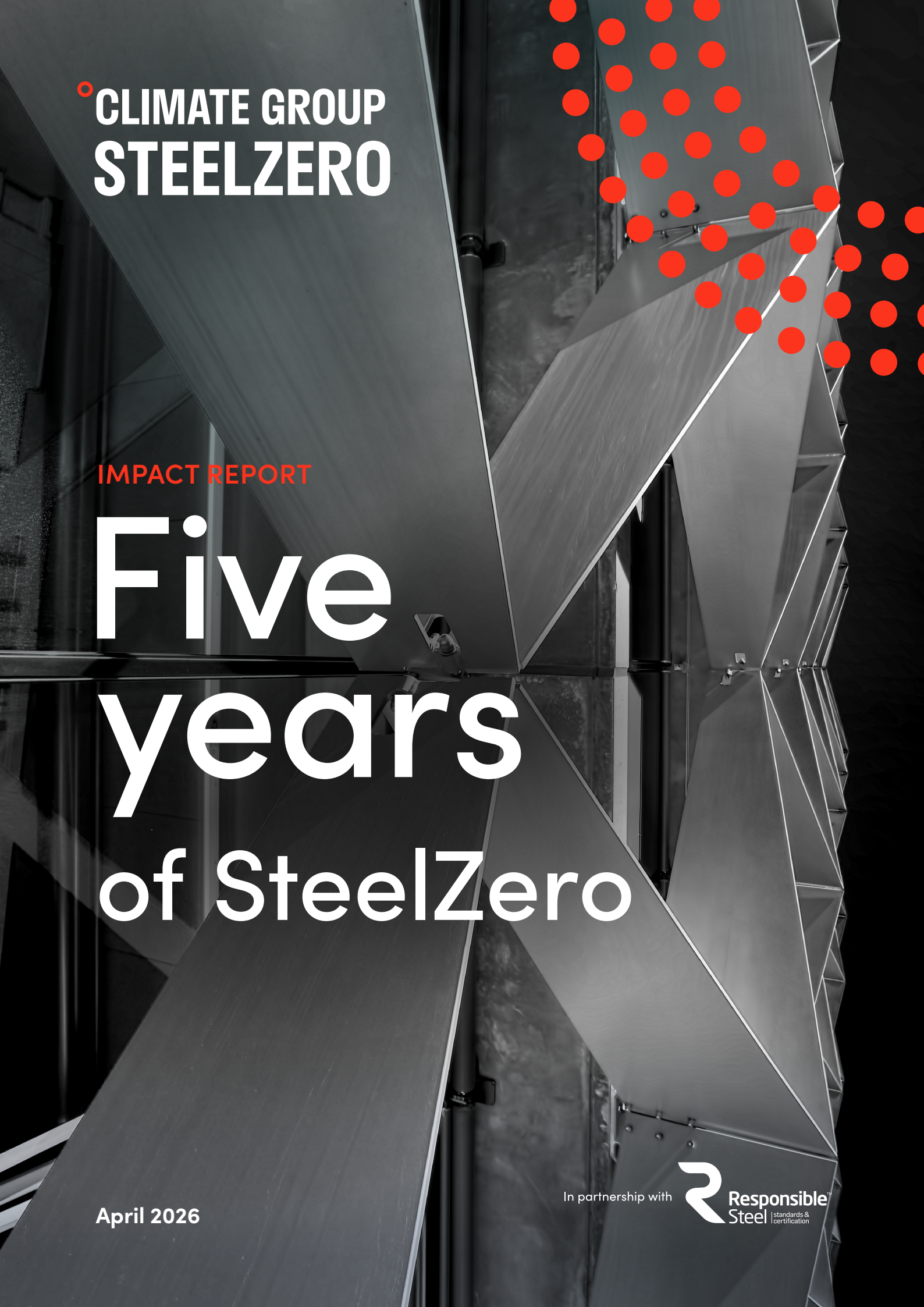


CLIMATE GROUP
STEELZERO

IMPACT REPORT

Five years of SteelZero

April 2026

In partnership with Responsible Steel standards & certification

Foreword

Five years ago, the notion that steel buyers could meaningfully influence how steel is produced was practically non-existent. Decarbonising steel was framed as a challenge for producers, technology providers and governments – distant from the procurement decisions of those who actually use it.

SteelZero has shown that this framing no longer holds – we were founded to catalyse this shift, bringing steel users to the forefront of the net zero transition.

Since launching in 2020 with just eight founding members, SteelZero has grown into **a global coalition of more than 40 companies** spanning industries from construction and automotive to renewables, and even luxury goods. Together, our members operate across Europe, Asia, North America and beyond – including in the world's largest steel-producing markets. This breadth signals that demand for lower emission steel is no longer isolated or theoretical but emerging across the sectors and geographies that shape the industry's future.

And five years in, we can see it taking hold.

Today, steel users are actively shaping the transition. SteelZero members have made the first timebound, quantitative demand-side commitment for steel, supported by the first customer-led reporting framework for steel procurement. This has changed how markets behave – influencing supplier engagement, investment planning and expectations of credibility.

The impact is already visible. Members are procuring commercial volumes of lower emission steel for offshore wind foundations, electricity grids, buildings, vehicles and industrial equipment. In some cases, this has delivered emissions reductions of 40% or more while meeting demanding performance and safety requirements.

The progress in these pages is real, though we still have a long journey ahead. Pathways are emerging, and whilst some companies boldly take first steps, others hesitate. **We're at an inflection point**: this decade will determine whether the industry reaches net zero or puts our planet and people at serious risk.

Our members are showing that leadership shines in uncertainty – by committing early and working collectively, they're creating the market confidence this transition requires. This impact reflects shared effort and learning as much as achievement, and signals clearly where greater pace is still needed.

As SteelZero enters its next phase, the question is no longer why the steel industry must change but how fast we can make it happen at the scale the climate demands. **And that scale demands stronger signals, deeper commitments, and the confidence to move first.**

I am immensely proud of what our members have achieved, and I'm grateful to our funders and partners for making this work possible. And I'm energised by what comes next as we deepen and scale the momentum we've built together.

Sameen Khan
Senior Manager, SteelZero

CLIMATE GROUP
STEELZERO

A corporate demand signal that:

RESHAPES MARKETS | ENABLES INVESTMENT | INFLUENCES POLICY

Introduction

Steel sits at the core of the modern economy – but it is also responsible for 8% of global emissions.

That's why the choices made by steel users today matter. When companies commit to sourcing lower emission steel, they send a powerful signal that helps shift the market. Clear demand strengthens supply chain transparency, drives investment in new technologies and gives producers confidence to scale solutions aligned with a net zero pathway.

SteelZero, a Climate Group initiative delivered in partnership with **ResponsibleSteel**, accelerates this transition. We bring together organisations committed to procuring, specifying and stocking lower emission and net zero steel – creating a unified demand signal that can reshape markets, unlock financing and influence policy. Together, we help create the market dynamics required for the steel transition to happen, fast.

SteelZero's strength comes from the breadth of the sectors represented. Our members include construction and infrastructure companies, steel stockists and fabricators, automotive manufacturers, renewable energy developers, shipping and logistics companies, industrial technology firms, real estate developers and even luxury brands. Each plays a different, but crucial, role in how quickly lower emission steel can become the norm.

Our work complements supply-side developments, where new production routes, circularity models and emerging standards are taking shape. By aligning clear, credible demand with supply-side innovation, **SteelZero supports the system-wide shift needed for a net zero steel industry.**

The SteelZero Commitment

Companies that join SteelZero make:

1 Long-term commitment:

Commitment to **procure, specify or stock** 100% of their steel requirement as net zero steel by 2050, at the latest.

100% by 2050

2 Interim commitment:

Commitment to **procure, specify or stock** a minimum of 50% of their steel requirement by 2030, meeting one or a combination of the following conditions:

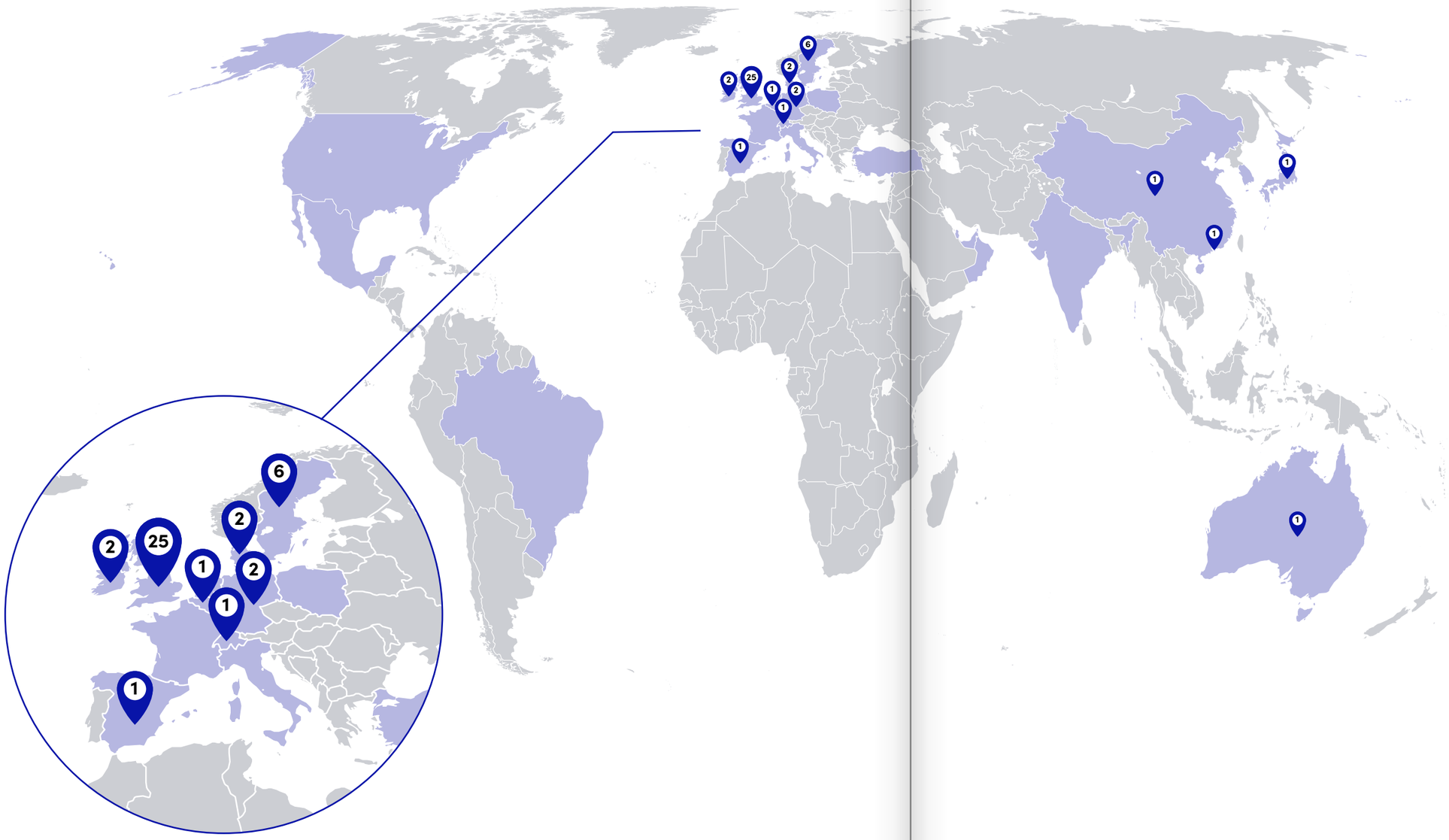
a) Steel produced by a steelmaking site where the steelmaker has a validated corporate science-based emissions reduction target

b) Steel meeting the ResponsibleSteel Decarbonisation Progress threshold for **"Lower Emission Steel"**, or equivalent.

50% by 2030

Refer to SteelZero Commitment Framework v1.2 for further detail.

SteelZero Members



SteelZero's impact is driven by the voluntary commitments of our 44 member organisations. They represent a broad set of industries and geographies, including construction, engineering, renewable energy, automotive, shipping and even luxury goods.

Member headquarters

Supply chain operations & manufacturing

The geographical boundaries and names of nations that are reflected on the maps in this report are in conformity with United Nations practice. They do not reflect Climate Group's acceptance, endorsement or position on any area or territory, or its authorities.

Our Members

AJN Steelstock
B&K Structures
B+M Steel
Balguard Engineering
Barrett Steel
BHC
Billington Holdings
Bourne Group
British Land
Buro Happold
Chopard
CIMC TCREA
Deconstruct UK
GEA Group
Gunnebo Entrance Control
Gunnebo Safe Storage
Hang Lung Properties
Iberdrola
J&D Pierce Contracts Ltd
John Sisk & Son
Kilnbridge
Landsec
Mace Construct
Maersk
Multiplex Construction Europe
Murray Plate Group
National Grid Electricity Transmission
Ørsted
Polestar
Ramboll UK
Robert Bird Group
Severfield
Siemens Gamesa
Sir Robert McAlpine
SKF
Smulders
Trane Technologies
Vattenfall BA Wind
ViaCon
Volvo Cars
Walsh
William Hare Group
WSP in the UK & Ireland
Yamaguchi Heavy Industries

CLIMATE GROUP

STEELZERO

December
2020

SteelZero launches

May
2022

1st SteelZero Summit hosted by Ørsted. SteelZero Policy Principles are published

June
2023

China-based CIMC TCREA joins SteelZero during 1st Climate Group Asia Action Summit

November
2021

UNFCCC Steel Breakthrough Agenda launches at COP26, and SteelZero is named a coordinating initiative for demand creation

July
2022

SteelZero India chapter launches

February
2023

India's Ministry of Steel establishes 14 green steel taskforces, including one on demand creation

May
2024

First government endorsement from Governor Kim Tae-heum, Chungcheongnam-do, Republic of Korea

February
2025

Yamaguchi Heavy Industries (Japan) joins SteelZero

October
2024

Progress reporting framework and supplier engagement guidance published

January–September
2025

Engaged in UK government policy developments on steel strategy and low-carbon industrial products

February
2026

National Grid Electricity Transmission joins, embedding SteelZero into its grid investment plan

Major milestones

FIVE YEARS OF STEELZERO

About this report

Charting our journey from launch to today, and the real-world impact our members are steering across industry, demand and policy.

How SteelZero is driving real market change:

01
We shape

We set the foundations by defining what lower emission steel means, creating the first demand-side commitment framework and developing policy principles for a global net zero steel transition.

02
We implement

We help members turn ambition into action through tools, reporting frameworks, supply chain guidance and policy engagement, sending clear signals to industry and governments.

03
We scale

We accelerate global demand, bring steel users' needs into standards development and build supportive policy environments across key regions.

04
We transform

We set out a vision for 2030 where lower emission steel sourcing is the norm – and call on companies, governments and the steel industry to accelerate credible pathways to net zero.

Designing the foundations for a market-wide transformation

In 2020, momentum around steel decarbonisation was growing, but the landscape was fragmented. Technical pathways had been mapped, and a handful of pioneering low-carbon steel projects were underway.

Policymakers understood steel's importance but lacked clear signals from downstream industries. Financiers saw potential but struggled to identify consistent, credible transition plans.

The missing piece was a **unified demand-side voice** – and that's where SteelZero stepped in.

By launching the first timebound, quantitative and verifiable commitment for steel users, SteelZero created a benchmark for what credible demand-side leadership looks like – a 'line in the sand'. It gave companies clarity, producers a customer-led business case for decarbonisation and governments confidence that the market was ready for policy support.

> **SteelZero hosts forums where we can speak directly with progressive steel users, and the challenges faced by steelmakers are understood and considered in creating the strong demand signal to make low emission steel a reality. I appreciate SteelZero's balanced and informed approach, evidenced by the mass balance paper, alignment with ResponsibleSteel and the use of the sliding scale, which is a global solution for steel decarbonisation.**
>
> **Nick Silk,** Head of Product Management and Development, Tata Steel UK

Industry: Setting the foundations for credible transition pathways

Over the last five years, in partnership with organisations such as ResponsibleSteel, SBTi and the First Movers Coalition, SteelZero has helped shape the core principles guiding global steel transition efforts.

We have:

- Supported the development of **ResponsibleSteel's International Production Standard**
- Participated in the design committee for the **First Movers Coalition's steel commitment**
- Contributed to **SBTi's steel sector guidance**, helping define a credible pathway for science-based targets
- Coordinated demand creation initiatives under the **UNFCCC Steel Breakthrough Agenda**

These efforts have helped make lower emission steel part of the mainstream climate conversation. Today, more producers are adopting science-based targets, aligning with credible definitions and engaging in transition planning than ever before.

Demand: A unified voice changing the conversation

Eight pioneering companies – including BHC, Bourne Group, Mace, Multiplex, Ørsted and WSP – made the first SteelZero commitments, paving the way for cleaner steel sourcing conversations with their supply chains.

More companies quickly followed: Barrett Steel, Landsec, Severfield, SKF, Smulders and William Hare joined soon after. By the time we held our first SteelZero Summit in 2022 – hosted by Ørsted – 23 members had signed on, including B+M Steel, Maersk, Volvo Cars, Iberdrola, Siemens Gamesa and Vattenfall BA Wind. These founding members put steel users firmly on the map in steel decarbonisation dialogues globally.

Today, that number has grown to 44 members, spanning the UK, Europe, China, Japan, Australia and the US. Together, they represent a powerful coalition signalling clear demand for lower emission steel across some of the sector's largest end-use markets.

Policy: Bringing the demand-side perspective into the room

In 2022, we launched with our members **the first SteelZero Policy Principles**, setting out the policy levers needed to unlock market-wide decarbonisation.

Bold cross-sector collaboration and ambition from stakeholders across the steel value chain is critical to decarbonising the industry by 2050. Clear and supportive policies must be implemented by international, national and subnational governments. We need action now from policymakers around the world to:

- Align the steel industry on what is defined as low emission, near zero, and net zero steel
- Adopt appropriate frameworks and standards into public procurement of steel
- Drive the steel value chain to address embodied carbon
- Maximise the efficient use and recycling of steel
- Help steelmakers to transition to new and existing net zero technologies
- Create a level playing field for net zero steel in global markets

These principles underpinned our policy engagement ever since, and have:

- ✓ Informed government strategies in **Germany, India, Japan, South Korea and the US**
- ✓ Guided a targeted report for policymakers, Getting to SteelZero: Pathways to Decarbonisation for Government and Industry
- ✓ Shaped dialogue at global roundtables convening steel producers, demand-side companies and senior government officials
- ✓ Strengthened recognition of the need for aligned definitions, transparent disclosures and clear procurement signals

Jen Carson, Head of Industry, Climate Group; Shanghai Climate Week 2024 – Shanghai, China.

Sameen Khan, Senior Manager – Steel, Climate Group; Renewable Energy Institute REvision 2025 – Tokyo, Japan.

We've taken the SteelZero voice to global platforms – from UNFCCC's Breakthrough Agenda to the Organisation for Economic Co-operation and Development (OECD), UNIDO's Clean Energy Ministerial Industrial Deep Decarbonisation Initiative, and worldsteel forums.

And our members see the results of that: stakeholders more frequently understand the language of steel decarbonisation, making it easier to secure internal buy-in and engage suppliers in constructive, forward-looking conversations.

Andrew Forth, Head of Policy and Advocacy, Climate Group; worldsteel Open Forum 2024 – Brussels, Belgium.

Impact summary:

First robust, quantitative definition for lower emission steel

First global demand-side commitment framework

First policy principles for a net zero steel transition

A unified demand-led voice that has helped bring steel decarbonisation into the mainstream

Turning ambition into action

SteelZero helps members convert ambition into measurable progress.

Through practical tools, reporting frameworks, supply chain guidance and policy engagement, we support companies in embedding lower emission steel procurement into day-to-day decision-making, building the internal systems required to meet their commitments and strengthening accountability across the value chain.

Industry: Improving data transparency

Access to credible, consistent emissions data is essential for informed procurement, regulatory development and measuring progress. Early on, SteelZero identified the lack of reliable data – and the inconsistency of reporting practices – as a major barrier for members tracking progress toward their 2030 commitment. Robust data is also crucial for determining which steel products meet SteelZero's lower emission definition.

Working with members, we developed the **first customer-led steel reporting framework**, creating accountability across the chain:

- **For producers** to substantiate lower emission claims with verified data
- **For customers** to measure progress against their commitments
- **For SteelZero** to drive credible, system-wide impact

Alongside this framework, we produced tools and guidance to help members engage their supply chains and request the data they need. By aligning these requests, we are fostering greater consistency in what buyers ask for and how producers respond.

SteelZero continues to bridge the information gap between producers and steel users. Increasingly, evidence of demand for transparency is shaping producer engagement and investment decisions. But without harmonised reporting approaches, barriers remain. By consistently requesting clear, comparable emissions data – including emissions intensities, methodologies and scrap share – SteelZero members are helping drive a step change in accountability across the sector.

Better data enables better procurement – and demand for transparency is now a central driver of market transformation.

Impact: The Institutional Investors Group on Climate Change (IIGCC) Steel Purchaser Framework (2023) recommended that companies join SteelZero to signal ambition and receive support in implementing commitments. It also advised that SteelZero members publish their procurement commitments and supporting disclosures via the framework – reinforcing investor expectations for transparent reporting.

Demand: Accelerating implementation

Impact: In 2024, together with Ramboll, we conducted a first-of-its-kind global survey on company readiness for lower emission steel (and concrete). Over 250 companies from 42 countries and 21 industries responded. The analysis indicated growing momentum, with 45% of respondents stating willingness to pay a premium for emissions reductions greater than 25% for steel, and 57% willing to pay for reductions exceeding 50%. Read the report here.

SteelZero members are taking practical steps to reduce embodied carbon in their operations and supply chains. For many, joining SteelZero marked a series of firsts – their first public commitment to lower emission steel, first embodied-carbon reporting systems, first supplier engagement on data transparency and first sector-wide collaboration.

Across the next two pages is a snapshot of member achievements. Each represents real-world implementation – from integrating near-zero materials into vehicles and offshore infrastructure to transforming procurement systems and supplier expectations.

Barrett Steel

Supply more recycled and renewably produced steel into projects across the UK and Ireland than any other stockholder. Examples include 1,200 tonnes for an EV charging hub and warehouse in North East England, as well as 650 tonnes used in the construction of Barrett Steel's own Groveport Distribution Centre.

BHC

Combined deeper engagement with UK and European steel mills with digital innovation by automating SteelZero reporting through its CC+ platform, enabling traceable emissions data, supplier benchmarking and more accurate procurement decisions across its steel supply chain.

CIMC TCREA

Procured 5,000 tonnes of lower emission steel for use across offshore engineering, mobile devices and automotive parts, including stainless steel with 90-95% recycled content from their own closed-loop recycling project.

GEA Group

Sourced stainless steel with a ~90% lower carbon footprint than conventional steel for their Bönen production site after deploying a supplier survey developed with SteelZero to collect emissions data.

Gunnebo Entrance Control

Adopted SteelZero and ResponsibleSteel definitions of lower emission steel and net zero steel within its Green Claims Policy and Sustainability A-Z documents.

Hang Lung Properties

Procured almost 2,500 tonnes of lower emission steel for two major developments in mainland China, achieving a 42% steel emissions reduction and delivering China's first building constructed with almost 100% lower emission steel.

National Grid Electricity Transmission

Convened contractors at its quarterly Sustainability Leaders Forum to introduce SteelZero and outline its long-term strategic importance, strengthening supplier readiness for upcoming large-scale infrastructure delivery.

Ørsted

Secured first access to Dillinger's lower emission heavy-plate steel for offshore wind foundations, converting years of supplier engagement into one of the first commercial-scale applications of lower emission steel in renewables.

Severfield

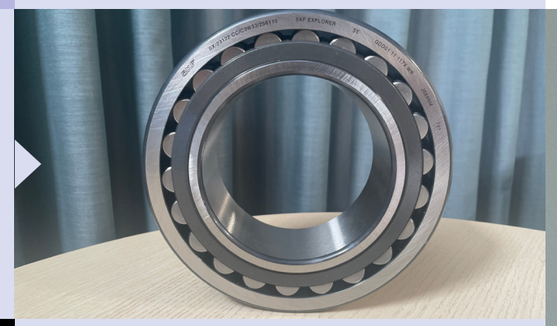
Shaped their supplier engagement programme around embodied-carbon in steel products and credible transition roadmaps, enabling them to support clients to align procurement decisions with their net zero goals.

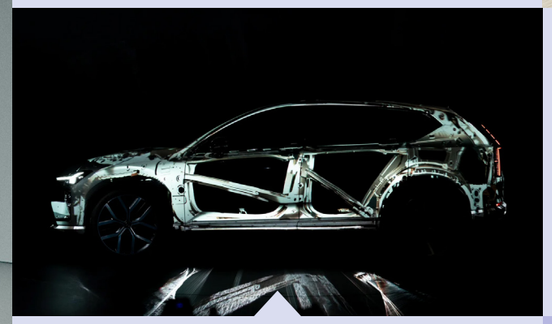
Siemens Gamesa

Cut wind turbine tower emissions by 63% in its GreenerTower, and delivered 36 of them to RWE's Thor project in Denmark – the world's first offshore wind project to use towers made from lower emission steel.

SKF

Produced the world's first bearing made with hydrogen direct reduced iron (H-DRI) steel following a multi-year collaboration with voestalpine Wire Technology, demonstrating its viability in high-performance industrial components.





Smulders

Introduced mandatory EPDs for all steel suppliers, and used SteelZero reporting results to set preferred suppliers – working only with companies that are on a credible trajectory to net zero.

Volvo Cars

Using SSAB's near zero emission steel for components in the Volvo EX60 SUV, proving that steel made with fossil-free electricity and almost 100% recycled content meets primary steel standards for safety and durability.

WSP in the UK & Ireland

Developed SteelZero-aligned specification guidelines with a condition to integrate a percentage of lower emission steel into their projects, progressing from 5% in 2022 to 50% in 2030

Full member case studies available here

Policy: Demand-led advocacy

Governments are key to accelerating steel decarbonisation. Our message to policymakers is clear: **use your influence as regulators and buyers to require transparent, comparable emissions disclosures**, as set out in our 2024 policy report.

SteelZero acts as a convenor, bringing together steelmakers, demand-side businesses and policymakers to discuss barriers and opportunities for scaling lower emission and near zero steel. Through Climate Group platforms – including Climate Week NYC, the US Climate Action Summit and the Asia Action Summit – as well as dedicated regional roundtables in Germany, India, the UK, Japan, South Korea and the United States, we ensure that the demand-side perspective shapes regulatory development.

Impact: In 2024, we received our first public sector endorsement from Korean province Chungcheongnam-do, recognising the need for collaboration with SteelZero and industry to drive progress towards Korea's 2050 carbon neutrality goals. The region is part of Climate Group's Under2 Coalition of state, regional and subnational governments, and home to many steelmaking sites.

Impact: In 2024, with support from 19 members, we wrote to Sarah Jones, UK Minister, calling for a coherent industrial strategy to support the sector's transition, acknowledged with a response from the Minister. Shortly after, the government launched a new Steel Council to support the development of a UK steel strategy.

These engagements strengthen the voice of steel users in industrial policy discussions and help build the enabling environments required for a successful transition.

Impact summary:

- First customer-led reporting framework for steel users
- Members accelerating real-world implementation of lower emission steel sourcing, reporting and supplier engagement
- Stronger demand-side voice in industrial policy, including recognition through the UK's Steel Council

Expanding global momentum and strengthening market alignment

As steel decarbonisation efforts accelerate, the need for global alignment becomes increasingly clear.

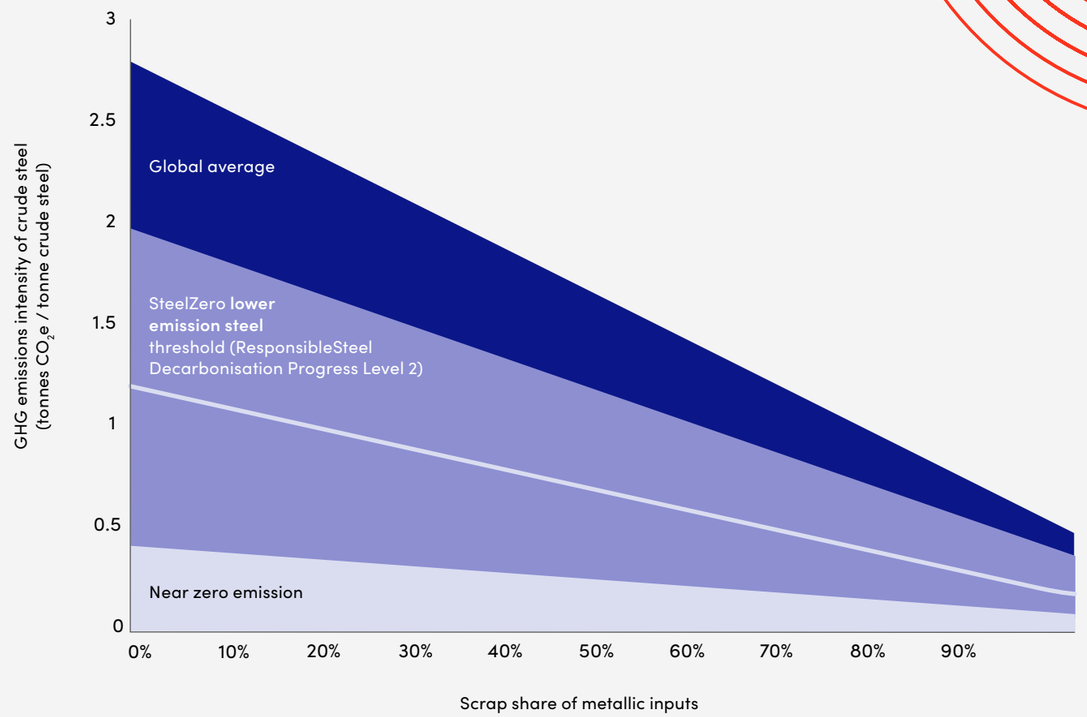
Different regions are moving at different speeds, and definitions, standards and policy approaches can vary widely. SteelZero works across markets to harmonise expectations, expand demand and help build a coherent global transition.

Industry: Supporting global alignment and harmonisation

Over the past five years, global efforts to decarbonise steel have accelerated, with multiple organisations and initiatives – including those under the Steel Breakthrough Agenda – collaborating to support credible transition pathways for the sector. A consistent message has emerged across these forums: harmonised quantitative definitions and standards for lower emission steel are essential to support a functioning global market.

SteelZero helped catalyse this shift: when we launched in 2020, we introduced the first quantitative threshold for low embodied-carbon steel. With the landscape having evolved, we have continued to strengthen our own framework. In 2024, we updated the SteelZero commitment and introduced a clear threshold for lower emission steel in near-term procurement, aligned with ResponsibleSteel's Decarbonisation Progress Level 2.

Aligning definitions has resulted in a wide, global acceptance of what near zero emission steel is, which underpins SteelZero's commitment framework. The next step is greater harmonisation and interoperability between standards. SteelZero is an endorsing organisation of the **Steel Standards Principles** and an active contributor to working groups developing comparability and alignment across climate-transition steel standards.



Explainer: The Steel Standards Principles (SSP) aim to harmonise greenhouse gas emissions measurement methodologies in the steel industry to achieve significant emissions reductions. Its purpose is to promote transparency and collaboration among stakeholders to accelerate the transition to near zero steel.

Demand: Growing Asia market engagement

China

The world's largest steel producer

China produces more than half of the world's steel, making demand-side alignment there essential. SteelZero has strengthened engagement between buyers and producers as interest in lower emission steel grows. Members with major footprints in the region – including **Hang Lung Properties**, **CIMC TCREA** and others – are actively engaging their supply chains around credible pathways to cleaner steel.

> SteelZero is profoundly applauded for its visionary inception and unwavering commitment to spearheading the demand-driven transformation toward green steel. Should it engage with China's C2F standard, it could introduce greater flexibility and significantly advance collective progress toward a resilient, low-carbon future.

Dr. Yinghao Liu, Technical Director R&D Center, China Baowu Steel Group

In 2024, SteelZero endorsed the Collaboration Statement on Low Carbon Emissions Steel for Real Estate in China, a voluntary, industry-led initiative joined by more than 30 companies across the real estate and construction value chain. Developer signatories manage hundreds of construction projects under development in China. Steelmaker signatories represent around 29% of China's crude steel production – including the country's largest steel producer, China Baowu Steel Group, which has publicly recognised SteelZero as a key international initiative supporting market transformation.

India

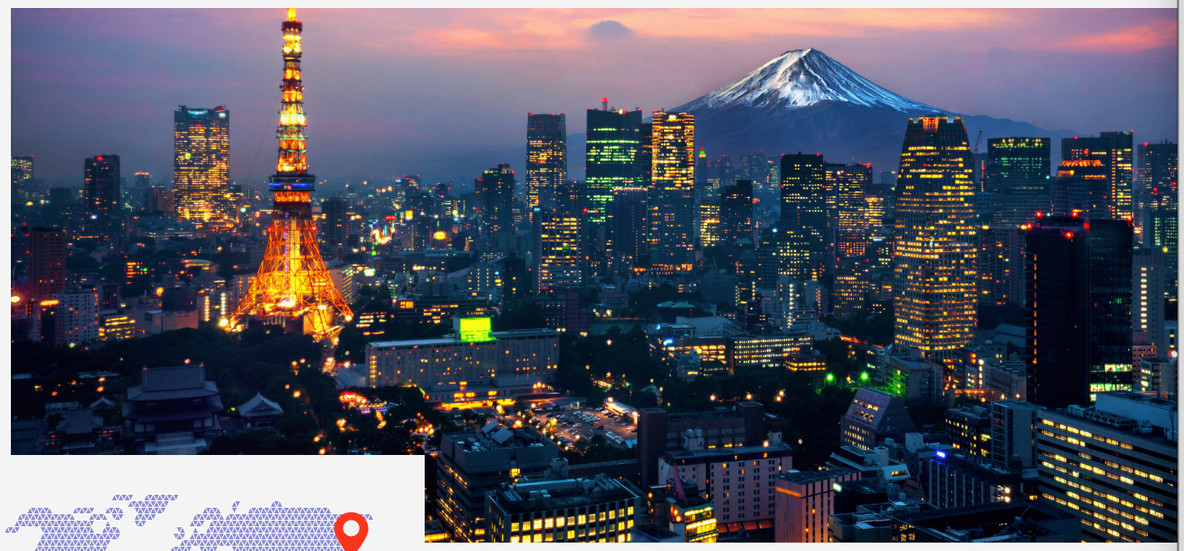
The world's second-largest steel producer

> Industry collaborations such as AutoCAST will play an important role in accelerating India's journey to low emission steel. Working directly with automakers helps us align our decarbonisation strategy with real market needs and create solutions that scale. We look forward to building this ecosystem together with Climate Group and other industry partners involved in the programme.

Swaroop Banerjee, Vice President – Sustainability, JSW Steel

Since launching our India chapter in 2022, SteelZero has played a pivotal role in shaping the national dialogue on greener steel. In its 2024 roadmap, Greening the Steel Sector in India, the **Ministry of Steel** recognised SteelZero as a key demand-side initiative driving this transition.

Building on this momentum, we introduced AutoCAST in 2025 – a multi-year programme designed to accelerate the decarbonisation of India's automotive steel supply chains. In collaboration with leading automotive manufacturers Ashok Leyland and Mahindra, AutoCAST creates a platform that connects steelmakers and automakers to amplify demand for lower emission steel, improve data for decision-making, and build a supportive environment for pilot projects to demonstrate early success.



Japan

The world's third-largest steel producer

Japan is a major steel producer and a crucial player in global steel trade. Interest in steel decarbonisation is rising, driven by both domestic ambition and global supply-chain expectations. In 2025, building and infrastructure fabricator **Yamaguchi Heavy Industries**, became the first Japanese member to commit to SteelZero – signalling growing appetite for demand-side collaboration in Japan.

> As the first Japanese company to join SteelZero, we hope to see more Japanese businesses join SteelZero and to build collaborative relationships with members that can contribute to solving steel's emissions problem from the demand side.

Toyokazu Yamaguchi, President and CEO, Yamaguchi Heavy Industries Ltd.

Policy: Catalysing development of comparable regulatory frameworks

Demand-side businesses are stepping up, but their ability to drive change is significantly influenced by the policy environments they operate in. That's why SteelZero has been gathering insights from its members to understand what they need from governments to confidently strengthen demand, access the green steel market and meet their procurement commitments.

Across regions, a consistent message has emerged: buyers need **greater data transparency and alignment between standards** in regulatory developments. Given the global nature of steel supply chains, inconsistent reporting systems and compliance frameworks create avoidable barriers. Greater comparability across regions is essential for credible procurement and for scaling near zero steel.

SteelZero has acted as a credible representative for the demand side in policy processes across multiple markets. Through consultation responses and direct engagement with policymakers, we have brought steel users' needs into regulatory conversations. In the UK, the Department for Energy Security and Net Zero (DESNZ) regularly engages SteelZero as a key stakeholder in shaping policy consultations – including the consultation on growing the market for low-carbon industrial products.

We are also deepening relationships with political and regulatory stakeholders across Europe and contributing to EU-level consultations, consistently calling for ambition, alignment and clear industrial decarbonisation strategies from governments.

Impact summary:

Stronger global alignment on definitions, thresholds and standards

Regional momentum across key markets in Asia: China, India, and Japan

Growing recognition of the demand side in industrial policy and market design

Setting the trajectory for the decade ahead

By 2030, lower emission steel should be part of business-as-usual procurement across supply chains. A common, climate-compatible framework for sourcing steel will underpin decisions across major markets, and supply chains will routinely seek and prioritise lower emission options.

Transformational success in 2030 would look like:

- At least 10% of the global steel market adopting or adhering to SteelZero procurement targets and principles
- Companies across the value chain able to access and track the embodied emissions data of the steel they buy – and using that information to make informed, net zero–aligned decisions
- Multiple major steel producers offering commercial volumes of lower emission and near zero steel, supported by transparent, comparable emissions data
- Governments in key regions adopting green public procurement policies aligned with credible definitions

And with coordinated action across steel-using companies, steel producers, governments and investors, this future is within reach.

WHAT WE NEED FROM STAKEHOLDERS

Our calls to action

Green steel transition requires coordinated action across the system

We call on all companies with steel in their supply chains to adopt lower emission steel procurement strategies and join SteelZero to amplify and accelerate a clear market demand signal to the steel industry and policymakers. **By joining SteelZero, companies are helping define and advance:**

1. **Best practices for lower emission steel procurement**, adopted across projects and with partners
2. **Clear, demand-led policy messages** that governments must hear to enable a credible and timely transition
3. **The data steel users need**, secured through aligned requests to steelmakers and a uniform reporting framework

We call on governments to maintain high climate ambition and accelerate industrial decarbonisation by enabling demand for lower emission steel:

1. **Set progressive targets for industry,** backed by policy mechanisms and transparent progress monitoring
2. **Introduce green public procurement,** ensuring public demand grows alongside private sector action
3. **Support buyers through incentives and subsidies,** enabling early uptake of green steel
4. **Adopt globally aligned definitions & frameworks,** helping industry move steadily toward net zero production

We call on steel producers to adopt ambitious, transparent roadmaps to net zero by 2050 and demonstrate meaningful progress this decade:

1. **Set SBTi-validated science-based targets –** or equally ambitious alternatives – to unlock investment decisions now
2. **Disclose emissions intensity data,** including scrap share, to customers and in carbon footprint reports
3. **Certify steel through ResponsibleSteel,** or via aligned standards such as Low Emission Steel Standard (LESS) & China's Low-Carbon Steel Emission Standard (C2F Steel)
4. **Work with initiatives that strengthen information flows**, such as the Steel Standards Principles, to support aligned, transparent communication across markets

CLIMATE GROUP
STEELZERO

Acknowledgements

SteelZero's progress over the past five years has been possible thanks to the commitment, collaboration and leadership of many organisations and partners across the steel value chain.

We extend our sincere gratitude to the granting organisations whose generous funding has been instrumental in advancing SteelZero's mission: Climate Catalyst, Climate Imperative, ClimateWorks Foundation, European Climate Foundation, Sustainability, Equity and Diversity Fund (SED), Tiina and Antti Herlin Foundation, We Mean Business Coalition and William and Flora Hewlett Foundation.

We are grateful for the strategic and delivery support provided by our technical partner, ResponsibleSteel. We also appreciate the partnership and regional assistance provided by the Renewable Energy Institute in Japan and Solutions for Our Climate (SFOC) in South Korea.

We thank the organisations that have contributed expertise, insights or collaboration through special projects and events, including: A.P. Møller – Mærsk, British Constructional Steelwork Association, CARES, Confederation of Indian Industries, India Climate Collaborative, Industrious Labs, Institute of Structural Engineers, Institutional Investors Group on Climate Change, OneWorldStandards, Ørsted, Ramboll, Ship Recycling Industries Association, and Sustainable Shipping Initiative.

We thank all **SteelZero member organisations** who joined between 2020-2025. Their leadership and commitment to lower emission and near zero steel are the driving force behind the initiative's impact and momentum.

Finally, we recognise the continued dedication of the Climate Group team and the many advisors, experts and partners who have contributed to SteelZero's evolution over the past five years.

Any questions? Get in touch:

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