

Zero Carbon Supply Chain Initiative

In order to help accelerate the pace of supply chain decarbonization for meeting global climate targets, we have launched the Zero Carbon Supply Chain Initiative.

Responding to the pressing climate challenge, more than 130 countries and regions have made carbon neutral pledges in line with the Paris Agreement. Nearly 9,000 companies and financial institutions have joined the United Nations Race to Zero campaign by committing to net zero emissions no later than 2050¹. This, however, is in sharp contrast to the emissions reduction gap outlined in the UN Environment Programme (UNEP) 2022 report². Strategies for fulfilling these pledges through concrete actions is now the new focal point.

Leading industrial companies, particularly consumer-facing brands, find greenhouse gas emissions intrinsic to procured goods and services often accounts for the bulk of their carbon footprint³. Consequently decarbonizing the entire supply chains is central to delivering climate neutral commitments.

Best practice in recent years indicates that brands have a unique and critical leveraging opportunity for improving supply chain performance by introducing carbon sensitive sourcing criteria. This will motivate key suppliers to join in the Race to Zero and help bring small and medium-sized suppliers into the global climate governance loop, while also contributing to low-carbon transition in developing and emerging markets, where the majority of the global supply chains reside.

We recognize that decarbonizing the supply chain is challenging. The supplier base is often large and dispersed, while the “hotspots” are often located with suppliers further up the supply chain, making it difficult to reach and obtain reliable data. Moreover, some decarbonization technologies are still being developed or optimized.

Motivating the entire supply chain to decarbonize relies on the collaborative efforts across the industry and multiple value chains, as well as support from financial institutions, governments, research institutions, and public awareness.

To accelerate the pace of supply chain decarbonization, we have committed to work with major stakeholders to jointly launch the Zero Carbon Supply Chain Initiative.

As part of corporate and industry coalitions, we are pledged to undertake and support the following actions for effectively building zero carbon supply chains that provide zero carbon products and services:

- Recognize the importance of carbon emission reduction in supply chains, and integrate it into corporate governance and supplier management mechanisms;
- Calculate and disclose corporate-level carbon data, and gradually integrate supplier-specific activity data into the calculation of Scope 3 purchased goods and services. Embark on the measurement and disclosure of product-level carbon data;
- Set corporate carbon neutrality targets in line with the Paris Agreement and Nationally Determined Contributions (NDCs), and publicly disclose progress annually;

¹ <https://unfccc.int/climate-action/race-to-zero-campaign>

² <https://www.unep.org/resources/emissions-gap-report-2022>

³ CDP, *Transparency to transformation: A Chain Reaction*

- Incorporate supplier climate actions into procurement considerations, require suppliers to measure carbon emissions, set science-based emission reduction targets and disclose progress;
- Promote research on industry-specific decarbonization pathways and technologies, so as to empower suppliers to take effective carbon reduction actions;
- Support the exploration of nature-based solutions to reduce supply chain footprint, and promote synergized efforts on biodiversity conservation and climate action.

As financial institutions, we commit to supporting business and industry efforts toward a zero carbon supply chain with the following actions:

- Set science-based carbon neutrality targets for investments, and measure and disclose progress annually;
- Strengthen the climate information disclosure requirements for investees and guide them in building zero carbon supply chains;
- Support the development and application of key technologies for supply chain carbon neutrality;
- Provide sufficient financing for large-scale projects with long borrowing horizon.

As foundations, research institutes and environmental NGOs, we commit to creating an enabling environment for zero carbon supply chains with the following actions:

- Promote the construction of climate data infrastructure and quantitative evaluation of supply chain climate actions;
- Motivate incorporation of supply chains in carbon neutrality commitments and effectively curb climate “greenwashing”;
- Promote the full consideration of supply chain climate performance in ESG evaluation;
- Identify, disseminate and promote zero carbon supply chain best practices;
- Support the development of innovative solutions to empower supply chain decarbonization;
- Track the construction of zero carbon supply chains and promote the development of policies and regulations that facilitate decarbonization.

We call on leading companies, industry coalitions and key institutions that influence supply chain and climate ambition to lead in joining the Initiative. We also look forward to attention and support from all sectors of society to jointly advance the decarbonization of supply chains, accelerate the global Race to Zero, and protect our planet Earth.

Sponsor:

Institute of Public & Environmental Affairs (IPE)

迈向零碳供应链倡议

为加速供应链脱碳进程，达成全球气候目标，我们发布迈向零碳供应链倡议。

为应对严峻气候挑战，实现《巴黎协定》设定的温控目标，全球逾 130 个国家和地区已做出碳中和承诺；近 9000 家公司和金融机构加入联合国“零碳冲刺”行动，承诺在 2050 年前实现净零排放⁴。

然而减排承诺的快速增加，与巨大减排差距⁵形成鲜明反差。如何落实承诺，开展务实行动，正成为各方关注的焦点。对很多龙头企业来说，尤其是直接面向消费者的品牌企业，其供应链的温室气体排放常常是其碳足迹的主体部分⁶。因此供应链脱碳对这些企业切实履行其净零排放承诺至关重要。

近年来供应链管理的最佳实践表明，发挥龙头企业的影响力，能够带动供应链核心企业加入零碳冲刺，同时推动更多中小企业加入全球气候进程。这对于促进全球供应链所在的发展中国家和新兴市场国家的低碳转型，也可以产生积极的推动作用。

供应链脱碳是重点也是难点：供应商数量庞大且分散，高排放环节又常常在供应链上游，如何触达并获取可靠数据存在困难；一些关键脱碳技术仍待研发或完善；推动庞大的产业链加入进程，有赖于行业合力。

解决这些问题，不但需要上下游企业的共同努力，也需要金融机构的支持，还需要政府、研究机构的加持，以及公众/消费者的认可。为此，我们希望与各利益方密切合作，共同推进零碳供应链建设这一事关全球气候治理的重要议题。

作为开展全球采购的企业和企业组织，我们承诺从以下行动入手，有效推进零碳供应链建设，为社会提供零碳产品和服务：

- 充分认识供应链碳减排的重要性，将其有效融入企业治理和供应商管理机制；
- 测算并披露企业碳数据；对于范围 3 中的外购商品和服务的核心环节，逐步以供应商实测数据为基础进行测算；开展产品碳足迹的测算和披露；
- 对标全球温控目标和各国自主贡献目标，科学设定企业碳中和目标，并公开披露年度进展；

⁴ <https://unfccc.int/climate-action/race-to-zero-campaign>

⁵ <https://www.unep.org/zh-hans/resources/2022nianpaifangchajubaogao>

⁶ CDP, *Transparency to transformation: A Chain Reaction*

- 将供应商气候行动表现纳入采购考量，推动供应商开展碳核算、科学设定减排目标并披露进展状况；
- 推进行业脱碳路径和脱碳技术研究，并以此赋能供应商有效开展碳减排行动；
- 支持探索基于自然的供应链减排方案，协同生物多样性保护和气候行动。

作为金融机构，我们承诺从以下行动入手，支持工商业迈向零碳供应链的努力：

- 科学设定金融机构对外投资的碳中和目标，测算并披露年度进展；
- 完善融资企业气候信息披露要求，引导企业关注零碳供应链建设；
- 支持供应链碳中和关键技术的开发和应用；
- 为供应链零碳转型过程中规模大、借款期长的项目资金需求提供支持。

作为基金会、研究机构和环保 NGO 组织，我们承诺从以下行动入手，为零碳供应链建设创造有利的外部环境：

- 推动构建气候数据基础设施，对供应链气候行动开展量化评价；
- 推动企业将碳中和承诺落实到供应链，切实遏制气候漂绿行为；
- 推动在企业 ESG 评价中，充分考虑其供应链气候表现；
- 识别、传播和推广零碳供应链最佳实践；
- 支持数字化等创新解决方案开发，赋能供应链高效脱碳；
- 关注零碳供应链建设，推动制定有利于供应链加速脱碳的政策和规章。

我们期待具有供应链影响力和气候雄心的龙头企业、行业组织和重要机构率先加入倡议，也期待社会各界给予关注和支持，携手推进供应链脱碳进程，加速全球零碳冲刺，共同守护地球家园。

发起单位

公众环境研究中心（IPE）