

# **Principles of Offsetting**

**The book industry's supply chain organisation** UK & Ireland

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# Purpose

This report has been commissioned and developed by members of the BIC Green Supply Chain committee working as the Task and Finishing Working Group (T&FWG) for this project. The purpose of this report is to provide information, key principles, and resources to foster a better understanding of the role of global carbon offsetting in combatting climate change and achieving net zero goals within the book industry and supply chains.

This report is intended for educational purposes only and does not constitute financial, legal, or professional advice. The information provided herein is based on publicly available sources. While efforts have been made to ensure the accuracy and reliability of the information presented, readers are advised to conduct their own research and consult with appropriate experts or professionals before making decisions based on the information contained in this report.

### Disclaimer

Firstly, the data provided in this report was accurate at the time of publication.

Secondly, it must be stated that BIC is not advising an organisation to use offsetting as a means of reducing its carbon footprint. That is up to the individual organisation. This report is about helping people and organisations to navigate and understand the offsetting market.

Thirdly, the T&FWG recognise the fact that there is a lot of press coverage and talk about the various offsetting projects that are available and how good they are. This is why it is so important that an organization does its own research and investigations when looking at offsetting.

### Data collection

In compiling this report, various sources were used to ensure accuracy and depth of analysis relevant to the book industry. Primary data sources included internal organisational policies and approaches, as well as examples of procurement and supplier questionnaires as supplied by BIC Green Supply Chain Committee members. Additionally, the report utilised secondary sources such as scholarly articles, industry reports, and market research studies. These sources provided valuable insights into the dynamics and role of carbon credits in net zero strategies. Furthermore, articles from a variety of news sources contributed to a solid understanding of the current challenges and opportunities associated with the voluntary carbon market (VCM).

# **Definition of Carbon Offsetting**

The first thing the T&FWG decided was that this report needed to provide a definition for carbon offsetting. A good explanation is provided by the <u>Green House Gas (GHG)</u> <u>Management Institute</u>.



# Introduction

### Overview of Net Zero and Carbon Offsets

To combat climate change and to achieve the goals set out in the <u>Paris Agreement</u>, rapid and deep cuts in greenhouse gas (GHG) emissions are required. Climate negotiations at governmental levels have embraced the concept of "net zero"<sup>1</sup>. This refers to the ambition to reduce GHG emissions produced by human activities to as close to zero as possible, and to remove any remaining emissions from the atmosphere by supporting carbon sinks such as forests and oceans.

Whilst net zero was developed as a scientific concept, it also provides a useful frame of reference to conceptualise and track action needed to combat climate change. Whilst there is no safe amount of global warming, most countries, organisations, and individuals will continue to generate GHG through their activities as they decarbonise. Carbon offsetting is the action or process of compensating for these residual emissions<sup>2</sup>.

### When to Offset: A Principled Approach

There are many views about how offsetting should and can be used as part of a net zero strategy. Scientifically speaking, to achieve rapid decarbonisation the focus of any organisation's action should be to first reduce its carbon footprint, before using offsetting to achieve their stated targets. This approach is also supported under the Science Based Targets Initiative (SBTi) that requires organisations to reduce/remove first before offsetting a part of the validation process of net zero targets. It should be noted that SBTI requirements around offsetting can change with time and the latest version can be found <u>here</u>.

There is one way to reduce an organisation's carbon footprint and that is by reduction. In the carbon offsetting market, there are three options to do this through the various projects that are on offer. These options are reduction, removal, and avoidance. Definitions of these carbon offsetting projects come from <u>Climate Impact Partners</u> and links to their projects. It should be noted that a representative of Climate Impact Partners Partners spoke to the T&FWG as part of the team's research.

### Reduction

Reducing your carbon footprint means changing how you approach and participate in activities that produce greenhouse gasses. Some projects prevent carbon emissions entering the atmosphere, such as those that replace devices using fossil fuels with cleaner technology (<u>clean cooking</u>). These are often known as carbon reduction or avoidance projects.

The positive impacts delivered by emission reduction projects are not limited to the climate. Many projects also deliver positive outcomes for local communities, economies, health, and the natural world, contributing to the <u>UN Sustainable Development Goals</u>.

<sup>&</sup>lt;sup>2</sup> https://www.lse.ac.uk/granthaminstitute/explainers/what-are-carbon-offsets/



<sup>&</sup>lt;sup>1</sup> https://www.nature.com/articles/s41558-021-01245-w

Funding emission reduction projects by purchasing carbon credits helps provide necessary finance to sustain the project.

### Removal

Carbon removal is the process of removing carbon dioxide from the atmosphere and storing it securely for decades, centuries, or millennia. One example of a removal project is biochar, which is made from organic materials burned in an environment devoid of oxygen. When added to soil (one of the world's most effective carbon sinks), it encourages root growth and microbial activity and increases the <u>soil's</u> capacity to store carbon for hundreds to thousands of years. Other projects take CO2 out of the atmosphere, such as planting trees which sequester carbon as they grow. These are known as removals projects.

### Avoidance

Carbon avoidance projects prevent additional greenhouse gas emissions from entering the atmosphere by reducing sources of emissions. Projects related to water infrastructure often fall into this category. Installing water filtration systems and optimising waste management systems helps people in low-income communities avoid the need to boil drinking water, thus eliminating emissions from burning firewood (and protecting people from smoke inhalation at the same time). There are some interesting projects can be found through the rePLANT website.

There are challenges and opportunities to using carbon credits. It should be noted that there have been serious concerns raised regarding how carbon credits are used and communicated by buyers as well as how they are calculated and sold, and regarding the management of the credit-generating projects. For carbon markets to be successful, these issues need to be addressed. There are several regulatory initiatives underway to provide further assurances (see section Regulation Initiatives, page 8).

For organisations looking to integrate carbon credits into their net zero strategy, developing guiding principles to navigate the creditability of carbon credits is important. The <u>Oxford Principles of Net Zero Aligned Carbon Offsetting</u> (revised 2024) provide a helpful guide and framework when developing offsetting strategies. Developed by an interdisciplinary team of researchers at Oxford University, the Principles emphasise the importance and priority of reducing emissions and provide four basic guidelines for any organization to follow:

- 1. **Cut emissions as a priority**, ensure the environmental integrity of credits, and regularly revise as best practice evolves
- 2. **Transition to carbon removal offsetting** for any residual emissions (away from emissions avoidance or reduction) by the global net zero target date
- 3. Shift to removals with durable storage and low risk of reversal
- 4. Support the development of innovative and integrated approaches to achieving net zero

### **Definition of Carbon Credits**

The most common approach to compensate for residual emissions is by purchasing carbon credits. These are tradable "rights" or certificates linked to activities that will



lower the amount of carbon dioxide (CO<sub>2</sub>) in the atmosphere<sup>3</sup>. By purchasing these certificates, a person, organisation, or country can fund projects that will remove CO<sub>2</sub> when they are unable to lower their own emissions. With this approach, carbon credits "offset" the buyer's CO<sub>2</sub> emissions with an equal amount of CO<sub>2</sub> reduction elsewhere. Examples of carbon offset funded projects include reforestation, building renewable energy, carbon storage, and waste and landfill management.

### Role of Carbon Credits in Achieving Net Zero

Carbon credits can be a valuable tool for an organisation in their journey towards achieving net-zero emissions. If used as part of a comprehensive net zero strategy, carbon credits can accelerate net zero progress whilst supporting sustainability initiatives. Carbon credits are often used to compensate for challenging emissions that are hard to address for many reasons. As a hypothetical example, consider an organisation that requires air travel to do business. It has reduced travel as much as possible, but still must conduct some air travel. The organisation can utilise carbon offsets as part of its net-zero strategy, reducing its total emissions and supporting sustainable projects while the aviation sector itself moves toward decarbonization.

# Understanding Carbon Offset Markets

The purchase and sale of carbon credits are managed through a carbon market. There are two types of carbon offset markets: the Voluntary Carbon Market and the Compliance Market.

### Voluntary Carbon Market (VCM)

The VCM is a non-regulated market where organisations purchase carbon offset credits by investing in environmental projects that can avoid, reduce, or remove carbon emissions.

- This market functions outside of the compliance market. Those who participate in the market do not *need* to reduce their emissions, it is entirely voluntary, but organisations opt to do so to meet a self-defined sustainability goal.
- It is a project-based system with no finite supply of allowances. More VCM carbon credits can be created through the development of environmental projects.
- As of 2022, the VCM was valued at around 2 billion US dollars. VCM credits tend to be cheaper as these credits cannot be traded on the compliance market.
- An example of the VCM: A company wishes to claim carbon neutrality. They calculate the emissions they cannot get rid of. They purchase an equivalent amount of carbon offset credits by investing in a project (for example, a regenerative farming project in Brazil) using the VCM. In doing so, they claim carbon neutrality.

<sup>&</sup>lt;sup>3</sup> https://climate.mit.edu/explainers/carbon-offsets



### **Compliance Market**

The Compliance Market is regulated by national, regional, or international carbon reduction regimes (e.g., <u>Kyoto Protocol</u>, <u>California Cap and Trade Market</u>).

- This market works on allowances a permit that allows an organisation to emit GHG, then limits the amount that a country or industry can emit (i.e., a cap is imposed on the emissions)
- The cap represents a finite supply of allowances; an organisation cannot create or remove allowances, but they can be traded.
- The ability to trade surplus credits helps to financially motivate participants to reduce overall emissions.

### **Regulation Initiatives**

### Verification of the Voluntary Carbon Market

- There is no centralised VCM and no formal market. Project developers can either sell credits directly to buyers, sell through a broker or exchange, or sell to a retailer who then resells to a buyer.
- VCM is used by businesses, governments, NGOS and individuals. Many companies participate because they feel a responsibility to do so, pressure from shareholders, or a desire for PR.
- The types of projects found in VCM are diverse. They range from small community-based projects, like facilitating cleaner cook stoves, to larger reforestation projects. Projects can also create co-benefits such as those aligned to the SDGs. These can increase the value of the credit.
- To be part of the market, each project must demonstrate "additionality," which means that the carbon removal or reduction *would not have occurred* without the offset project. For example, a forest preservation project would need to prove that without the project, the forest would have been cut down. (It should be noted that there are some renewable energy projects that happen with government support that are also available to purchase through the VCM.)
- Prices vary between projects depending on the category of the project. Live prices can be seen here: <u>https://carboncredits.com/carbon-prices-today/</u>
- Selling and buying of VCM credits are primarily done through brokers. All voluntary credits must be verified by an independent third party and must adhere to existing standards.

### Verification of Carbon Market Standards

- The VCM is open to anyone to participate from businesses to even individual investors. There is no government agency monitoring or established criteria for what makes a viable project.
- VCM carbon offsets do not fall under existing government regulation. It is a new, natural market in response to demand.
- With no government regulator, there are third party verification providers. These ensure the legitimacy of the credits by assessing the data provided by the project and ensuring it meets the criteria of the chosen carbon credit standard. If the verifier is satisfied, it issues carbon credits, which then can be traded on the VCM.



- There are multiple standards who have different approaches on their methodology for measuring and verifying the carbon emission reduction. The most widely used are the following:
  - Verra (The Verified Carbon Standard)
  - Plan Vivo
  - The Gold Standard
  - The American Carbon Registry
  - Climate Action Reserve
  - The Verified Carbon Standard Program

### **Regulation Initiatives**

- <u>Taskforce on scaling Voluntary Carbon Markets</u>: a private-sector led initiative to bring all parts of the value chain together to scale high-integrity voluntary carbon markets.
- The Integrity Council for the Voluntary Carbon Market (ICVCM or Integrity Council) launched Core Carbon Principles and Program-Level Assessment Framework <a href="https://icvcm.org/the-core-carbon-principles/">https://icvcm.org/the-core-carbon-principles/</a>

# **Book Industry Supply Chain Offsetting**

The results from the T&FWG's research found the following:

### **Paper Mills**

Having approached five large Scandinavian/European paper mill groups, the T&FWG found that only one offered a product (packaging) with any carbon offsetting credentials. The T&FWG does realise that this is only a small representation of the global market. The mills that the T&FWG spoke to have a range of views on offsetting from 'we are currently using offsetting' to 'offsetting is something we are not even considering' as they believe that is not the right approach to reach net zero. Three mills were not actively investigating carbon offsetting, and the last was "keeping an eye on the situation."

The T&FWG did find one paper merchant Denmaur who is working with the World Land Trust to provide their customers with <u>carbon balanced paper</u>.

A good resource for paper in Europe is CEPI's (Confederation of European Paper Industries) <u>sustainability platform</u>. The CEPI Sustainability Platform was launched in 2018 to show that sustainability and competitiveness must go hand in hand for industry to excel; the paper industry is a leading example.

### **Printers**

The limited number of printers that the T&FWG spoke to have signed up to the SBTi. This means they are working on reducing the carbon footprint as much as possible before even thinking about offsetting. More research could be conducted in this area, but it all depends on where in their sustainability journey a printer is.



Printers are also obtaining ISO standards: ISO 9001 Quality Management Systems, ISO 14001 Environmental Management, and ISO 50001 Energy Management. There are other accreditations that printers are working towards. For a detailed explanation of all the accreditations and standards please see the <u>BIC Environmental Accreditations and Standards Map</u>.

Printers in the UK have the BPIF (British Printing Industries Federation) and in Europe Integraf working on their behalf. The BPIF (British Printing Industries Federation) are a leading trade association for British print. They are dedicated to supporting their members and the wider print industry. They promote progression, invite innovation and encourage empowerment in every area of the sector. Intergraf is the European printing industry association, representing employers in the graphical sector. They advocate for Europe's printing industry towards the European Union, working with EU policymakers to support the sector's competitiveness through advocacy, information-sharing, networking, campaigning, social dialogue, and EU projects. These two organisations have created CarbonClac a dedicated carbon calculator specifically for the printing industry.

### Publishers

The T&FWG found that some publishers are using several offsetting partners/brokers. The following list contains some examples that are publicly available on their websites at the time of writing this report; there are many more and this list is liable to change over time:

Offsetting Partner/Broker	Specific offsetting project (if known)	Weblinks
Climate Partner	Afforestation project in the Campo Grande Region of Brazil	https://fpm.climatepartner.com/t racking/project/details/53722- 2201-1001/1146/en
South Pole	Solar Power, Vietnam Afforestation, China Forest conservation, Cameroon Indus Delta Blue Carbon	<u>https://bonnierbooks.com/sus</u> <u>tainability/</u>
Climate Impact Partners	Solar power, water filters, clean cookstoves, afforestation	Details about individual projects can be found on Climate Impact Partners website
	Verified Carbon Standard	https://verra.org/programs/verifi ed-carbon-standard/
	Gold Standard	https://www.goldstandard.org/
SKL PUDUSNING	Ecologi	https://ecologi.com
	TreeApp	https://www.thetreeapp.org
	Rainforest Trust	https://www.rainforesttrust.org/



# Shipping

Although there are three types of shipping - road, rail and air - due to the make-up of the T&FWG our research only covered sea freight and organisations associated with that method of transport.

Shipping organisations are increasingly being required to prove their credentials by signing up to various organisations, such as EcoVadis which helps organisations manage Environmental, Social and Governance (ESG) risk and compliance, as well as obtaining ISO standards (ISO 9001 Quality Management Systems, ISO 14001 Environmental Management, and ISO 50001 Energy Management). This is now becoming a requirement for shippers to be able to trade, with organisations wishing to ship goods.

Regarding sea freight, the T&FWG found that shipping organisations are undertaking several initiatives to facilitate their journey to net zero, mainly regarding fuel sources. They are beginning to transition away from conventional fuels and towards biofuel and methanol alternatives. They are also offering schemes that involve charging customers supplementary fees to purchase biofuels, which in turn helps customers reduce their own emissions. Customers are provided with certificates of carbon savings.

The T&FWG only found evidence of one shipping broker using offsetting as part of their strategy, Woodland see p.38 of their <u>sustainability report</u>.



# Tool Kit

### **Choosing Carbon Offset Projects**

Choosing a reliable carbon offset project is a critical step in ensuring that your organisation's offsetting efforts truly contribute to reducing greenhouse gas emissions and are addressing climate change. With a growing number of projects available, it is essential to identify those that are trustworthy, effective, and aligned with broader sustainability goals. Here is a list of considerations to keep in mind when selecting a carbon offset project:

### **Quality Standards & Certification**

Quality standards indicate that carbon offset projects are credible and effective. Look for projects that are verified by reputable third-party organisations. Examples of common certification schemes include the Gold Standard (GS) (<u>https://www.goldstandard.org/</u>, Verified Carbon Standard (VCS) (<u>https://verra.org/programs/verified-carbon-standard/</u>), and Climate Action Reserve (CAR) (<u>https://www.climateactionreserve.org/</u>) – however many more exist. These certifications indicate that the project has been rigorously evaluated to achieve its objectives and meets stringent criteria for carbon reduction.

#### Transparency

Transparency is key when assessing the reliability of a carbon offset project. Choose projects that offer clear and accessible documentation, including the project's goals, methods, and verification reports. A transparent project will also provide regular updates on its progress, allowing stakeholders to track its impact over time.

### Additionality

Additionality is a fundamental principle of carbon offsetting. It means that the carbon reduction achieved by the project would not have happened without the offsetting investment. Additionality is subjective and difficult to determine; however, it is important to consider when evaluating a project. Projects that do not demonstrate additionality may not contribute to reducing carbon emissions in a meaningful way.

### Double counting

Double counting occurs when the benefits of a carbon offsetting project are counted by multiple entities, for instance by the organisation selling the carbon offset *and* the organisation purchasing the offset. In this scenario, the benefit from the carbon offset would be inflated due to double counting. Therefore, when selecting an offsetting project, it is important to ensure that the benefit achieved by the project can only be counted towards one organisation's goals.



### Leakage

Leakage occurs when there are unintended consequences of the offsetting project outside of the carbon accounting boundary. This could occur when an offsetting project simply shifts the issue to another area, potentially without the safeguards and controls in place in the offsetting project. For instance, protecting an area of forest from logging may increase the risk of deforestation in another area to meet the same demand. The indirect effects of an offsetting project may counteract its benefits, so it is important consider how these are accounted for and what safeguards are put in place.

#### Permanence

Permanence refers to a project's ability to deliver lasting carbon reductions and storage. A reliable carbon offset project should have mechanisms in place to ensure that the achieved carbon reductions are not reversed. Such mechanisms may involve risk management strategies to protect against natural events like forest fires, or unintended consequences such as deforestation, which would result in the re-release of stored carbon. Projects with a higher level of permanence are considered more likely to deliver sustained benefits.

### Alignment

Alignment refers to the time gap between the release of emissions and the point at which the emissions are offset. Certain carbon credits can be issued based on the amount of carbon a project is expected to offset in the future, which is highly uncertain considering financial and regulatory risks to the continuation of the project. Therefore, when selecting an offset, forward-buying should be minimised to ensure the credibility of the offset.

### **Co-Benefits**

Co-benefits are *positive* consequences of an offset project. These can include environmental benefits such as cleaner water, or social benefits such as job creation or increased access to clean air and green spaces. Projects that support biodiversity, reforestation, or community development can contribute to broader sustainability goals. Look for projects that align with the United Nations Sustainable Development Goals (SDGs), as this indicates a commitment to broader positive impacts.

### **Cost-Effectiveness**

While cost is a consideration, it's important to balance cost with quality. Low-cost projects may not always deliver the best results. Aim to select projects that offer good value without compromising on quality or reliability. A cost-effective project should provide a reasonable return on investment in terms of carbon reduction and co-benefits.

### Legal and Ethical Considerations

A good carbon offset project complies with all relevant local, national and international regulations and operates in an ethical manner. Projects should have the necessary permits and approvals, and they should not engage in any exploitative practices.



### **Avoiding Anti-Competitive Practices**

It's essential to maintain neutrality when choosing carbon offset projects to avoid anticompetitive behaviour. Ensure that your approach is unbiased, focusing on established quality standards and best practices, and take care to avoid favouritism or the promotion of specific organisations.

By following these principles, your organisation can choose carbon offset projects that are reliable, effective, and aligned with broader sustainability goals. The above considerations will help you make informed decisions and contribute meaningfully to reducing carbon emissions.

### Maturity supplier questionnaire

The below provides a generic questionnaire framework for evaluating the maturity of existing and potential suppliers on sustainability. Maturity evaluation offers a structured approach to understanding the current state of sustainability practices within an organization and mapping out the desired trajectory for future improvements. By employing maturity maps in supplier evaluation, one can gain valuable insights into the depth and breadth of a supplier's commitment to sustainability across various dimensions.

This could be particularly useful if a supplier offers an offsetting solution either in replacement of or to complement a carbon reduction programme.

#### Resource

- 1. Do you have dedicated resources for managing and implementing carbon offsetting initiatives?
- 2. Is there a senior executive or board-level oversight for your carbon offsetting programs?
- 3. How do you ensure the integration of sustainability and carbon offsetting into your overall business strategy?

### Commitment

- 4. What specific environmental or sustainability policies do you have that cover the use of carbon offsetting?
- 5. Are you committed to setting science-based targets (or do you already have validated SBTi targets) for carbon emissions reduction?
- 6. Do you plan to reduce first, or offset first?

### Engagement

- 7. How do you engage with internal teams, customers, and suppliers about your carbon offsetting and sustainability goals?
- 8. Are you involved in any trade organizations or advocacy groups focused on carbon offsetting and sustainability?
- 9. What initiatives do you support or participate in to encourage industry-wide carbon offsetting and sustainability?



### Data Accuracy

- 10. How do you ensure the accuracy of your emissions data related to carbon offsetting activities?
- 11. How do you allocate emissions for carbon offsetting schemes?
- 12. What steps do you take to validate and ensure the integrity of the data you use for carbon offsetting?

#### Data Transparency

- 13. Do you publicly report your carbon offsetting activities and related emissions data?
- 14. Do you report carbon offsets separately from greenhouse gas emissions?
- 15. Are you using any third-party platforms or frameworks to disclose your physical activity and emissions data?
- 16. Is there external verification for your emissions measurement and reporting practices?

#### Data Completeness

- 17. Which scopes of emissions are covered in your carbon offsetting strategy?
- 18. Do you have a plan to cover all relevant scopes, including scope 3 (indirect emissions)?
- 19. Are your offsetting schemes comprehensive, or do they focus on specific parts of your emissions?

### **Data Consistency**

- 20. Is your emissions data regularly updated and aligned with your reporting period?
- 21. How do you ensure the consistency of your carbon offsetting calculations across reporting cycles?

#### **Carbon Performance**

- 22. Are you demonstrating continuous improvements in your greenhouse gas emissions across years?
- 23. Are your emissions at, above or below the average greenhouse gas emissions for your sector?
- 24. Are your greenhouse gas emissions on track for your own reduction goals?



# Resources

- PAS 2060:2014 specification for the demonstration of carbon neutrality (British Standard Institution 2014)
- Net Zero Initiative: A framework for collective carbon neutrality (Dugast 2021)
- SBTi Corporate Net-Zero Standard (Watson et al. 2021)
- Securing Climate Benefit: A Guide to Using Carbon Offsets (Broekhoff et al. 2019)
- The Oxford Principles for Net Zero Aligned Carbon Offsetting (Allen et al. 2020)
- The CarbonNeutral Protocol (Natural Capital Partners <u>2022</u>): The global standard for carbon neutral programmes
- VCMI Voluntary Carbon Market Integrity Initiative (2022): Provisional Claims Code of Practice
- Sustainability If It's Everything, Is It Nothing? Second Edition, Heather M. Farley and Zachary A. Smith, Hbk ISBN 978-0815357155, Pbk ISBN 978-0815357162, Second edition published 2020 by Routledge, 2 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN

# Glossary

It should be noted that not all the terms in the glossary can be found in this report. They have been added to the list to help the reader with their sustainability journey.

Acronym	Full name	Description	Further notes
	1.5°C	Science has made it clear that we must limit global temperature rise to 1.5°C above pre- industrial levels. We are currently at 1.1°C and are on track for 2.7°C according to the UNDP's Emissions Gap Report 2021. Every fraction of a degree matters. Wildfires, heavy flooding, intense heat, drought, and storms are becoming more frequent and devastating. Every bit of warming we avoid will reduce the climate risks we face. We need to keep global warming to 1.5°C to have a fighting chance of having a habitable and a thriving planet for all of us.	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u>
	Abatement	Measures that companies take to prevent, reduce, or eliminate sources of GHG emissions within their value chain. Examples include reducing energy use, switching to renewable energy, and retiring high-emitting assets. Another similar term is decarbonization, which refers to the process by which CO2 emissions associated with electricity, industry, and transport are reduced or eliminated. Under the Net-Zero Standard, most companies are required to reduce emissions by at least 90% to reach net-zero.	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u>
	Additionality	A requirement for carbon offsetting schemes to prove the carbon reduction would not have happened anyway; i.e., it is <i>in</i> <i>addition</i> to carbon reductions already taking place, or already planned.	WWF



Acronym	Full name	Description	Further notes
		Afforestation is the establishment of a	
	Afforestation	forest or stand of trees in an area where	
		there was no recent tree cover.	
		This means from humans or their activities	Net-Zero Jargon Buster
	A the second se	and is usually used when talking about	- a guide to common
	Anthropogenic	climate change, environmental damage and	terms - Science Based
		pollution	Targets
		'Biochar' is a catch-all term describing any	
		organic material that has been carbonised	Biochar Is 'Low-
		under high temperatures (300-1000°C), in	Hanging Fruit' for
	Piecher	the presence of little, or no oxygen. This	Sequestering Carbon
	DIUCTIAI	process (called 'pyrolysis') releases bio-oils	and Combating Climate
		plus gases and leaves a solid residue of at	Change - Inside Climate
		least 80% elemental carbon which is termed	News
		biochar.	
		The implementation of nature-based	
		solutions such as reforestation,	
		agroforestry, renewable energy, and	
	Carbon Insetting	regenerative agriculture, with the aim of	World Economic Forum
	ourbon insetting	slashing greenhouse gas emissions from	
		one's own value chain (as opposed to	
		offsetting, which is slashing GHGs in	
		someone else's value chain).	
		Although often used interchangeably with	
		'net-zero', the two are not the same. In	
		general, when companies claim carbon	
		neutrality, they are counterbalancing CO2	
		emissions with carbon offsets without	
		necessarily having reduced emissions by an	Net-Zero Jargon Buster
		amount consistent with reaching net-zero at	- a guide to common
	Carbon neutral	the global or sector level. This may conceal	terms - Science Based
		the need for deeper emissions reductions	Targets
		that are in line with what the science	
		requires for the world to keep global	
		warming to 1.5 C. Carbon neutrality claims	
		also do not necessarily cover non-CO2	
		GHGS. The SBTI does not validate carbon	
		Corbon offect breedly refere to a reduction	
		in CHC emissions or en increase in earbon	https://www.offootguid
		storage (e.g. through land restoration or the	a org/understanding
	Carbon Offset	planting of troos) that is used to	carbon offsots/what is
		compensate for emissions that occur	a-carbon-offset/
		elsewhere	
		A carbon offset credit is a transferrable	
		instrument certified by governments or	
		independent certification bodies to	1
	Carbon Offset Credit	represent an emission reduction of one	https://www.offsetguid
		metric tonne of CO2, or an equivalent	e.org/understanding-
		amount of other GHGs. The purchaser of an	carbon offect/
		offset credit can "retire" it to claim the	a-carbon-onset/
		underlying reduction towards their own GHG	
		reduction goals.	
		The action or process of compensating for	
		carbon dioxide emissions arising from	
	Carbon	industrial or other human activity, by	Google Dictionary
	offsetting	participating in schemes designed to make	
		equivalent reductions of carbon dioxide in	
		the atmosphere	



Acronym	Full name	Description	Further notes
		The act of paying for things to be done, for	
		example planting trees, that reduce the	https://dictionary.cambr
	Carbon	amount of carbon dioxide in the	idge.org/dictionary/engl
	offsetting	environment, as a way of trying to reduce	ish/carbon-
	0110011110	the damage caused by activities that	offsetting#google_vign
		produce carbon dioxide	ette
			https://www.climateimp
	Carbon		act com/business-
	offsetting	Offsetting GHG emissions that cannot be	solutions/carbon-
	onsetting	reduced	offsetting/
		In simple terms, offsetting one tenne of	https://www.olimatoimp
	Carbon	arbon moone there will be one loss tenne of	act com/business
	offootting	carbon field in the atmosphere than there	act.com/business-
	onsetting	carbon dioxide in the atmosphere than there	solutions/carbon-
		Our la se ffeste en sinst en e te el te te el le	onsetting/
		Carbon offsets are just one tool to tackle	
		climate change and should not be	
	0	considered as a stand-alone action. After	https://www.climateimp
	Carbon	measuring a carbon footprint, organizations	act.com/business-
	offsetting	and individuals should reduce their	solutions/carbon-
		emissions as much as possible, as well as	<u>offsetting/</u>
		taking responsibility for what remains, by	
		buying carbon credits.	
		Carbon offsetting enables business to meet	
		ambitious climate goals, puts a price on	
		carbon to incentivize further action, and	https://www.climateimp
	Carbon	provides critical finance to accelerate the	act.com/business-
	offsetting	world's transition to a low-carbon future.	solutions/carbon-
		Carbon offsets are an internationally	offsetting/
		recognized way to take responsibility for	
		unavoidable carbon emissions.	
		To offset emissions a company must	
		purchase the equivalent volume of carbon	
		credits (independently verified emissions	
		reductions) to compensate for the emissions	https://www.climateimp
	Carbon	they cannot avoid. The purchase of these	act.com/business-
	offsetting	carbon credits enables carbon finance to go	<u>adutiona/aarban</u>
	offsetting		solutions/carbon-
		to projects which are avoiding and reducing	offsetting/
		to projects which are avoiding and reducing emissions elsewhere in the world, and	offsetting/
		to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and	offsetting/
		to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable	offsetting/
		to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable.	offsetting/
		to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a groophouse gas, an	offsetting/ Net-Zero Jargon Buster
	Carbon sink	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an approach are programmer of a greenhouse gas, an	<u>offsetting/</u> <u>Net-Zero Jargon Buster</u> - a guide to common
	Carbon sink	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is atored are a precedent to the transver CO2	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> terms - Science Based
	Carbon sink	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2	<u>Net-Zero Jargon Buster</u> - a guide to common terms - Science Based Targets
	Carbon sink	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere.	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u>
	Carbon sink	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u> https://www.climateimp
	Carbon sink	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u> <u>https://www.climateimp</u> act.com/business-
	Carbon sink CarbonNeutral®	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon-
	Carbon sink CarbonNeutral®	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u> <u>https://www.climateimp</u> <u>act.com/business-</u> <u>solutions/carbon-</u> offsetting/
	Carbon sink CarbonNeutral®	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs.	<u>Net-Zero Jargon Buster</u> - a guide to common terms - Science Based Targets <u>https://www.climateimp</u> act.com/business- solutions/carbon- offsetting/
	Carbon sink CarbonNeutral®	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies	Net-Zero Jargon Buster         - a guide to common         terms - Science Based         Targets         https://www.climateimp         act.com/business-         solutions/carbon-         offsetting/
	Carbon sink CarbonNeutral® Climate change	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability
	Carbon sink CarbonNeutral® Climate change adaptation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP
	Carbon sink CarbonNeutral® Climate change adaptation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and heatwaves.	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP
	Carbon sink CarbonNeutral® Climate change adaptation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and heatwaves. Policies and measures which aim to reduce	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP
	Carbon sink CarbonNeutral® Climate change adaptation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and heatwaves. Policies and measures which aim to reduce greenhouse gases from companies and	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP
	Carbon sink CarbonNeutral® Climate change adaptation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and heatwaves. Policies and measures which aim to reduce greenhouse gases from companies and governments with the intention of lessening	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP         List of Sustainability
	Carbon sink CarbonNeutral® Climate change adaptation Climate change mitigation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and heatwaves. Policies and measures which aim to reduce greenhouse gases from companies and governments with the intention of lessening the global impacts of climate change, such	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP         List of Sustainability Definitions - CDP
	Carbon sink CarbonNeutral® Climate change adaptation Climate change mitigation	to projects which are avoiding and reducing emissions elsewhere in the world, and ensures they are financially viable and sustainable. A reservoir (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol, or a precursor of a greenhouse gas is stored, or a process that removes CO2 from the atmosphere. CarbonNeutral® mark indicates you have followed The CarbonNeutral Protocol, which is the global standard, managed for over 20 years, to deliver clear, credible, and transparent carbon neutral programs. Policies and measures which make societies and companies more resilient to the impacts of climate change such as flooding and heatwaves. Policies and measures which aim to reduce greenhouse gases from companies and governments with the intention of lessening the global impacts of climate change, such as reducing the amount and intensity of	Solutions/carbon- offsetting/         Net-Zero Jargon Buster - a guide to common terms - Science Based Targets         https://www.climateimp act.com/business- solutions/carbon- offsetting/         List of Sustainability Definitions - CDP         List of Sustainability Definitions - CDP



Acronym	Full name	Description	Further notes
CRVA	Climate risk and vulnerability assessment	An assessment of the likelihood of current and future climate hazards. It is a critical process for local authorities to understand the environmental and social impacts that climate change will have on their jurisdiction.	List of Sustainability Definitions - CDP
	Co-Benefits	Social and environmental benefits (such as improved air quality, enhanced biodiversity, job creation, etc.) that go beyond GHG reduction as a result of carbon offsetting schemes.	WWF
СОР	Conference of Parties	The decision-making body of the United Nations Framework Convention on Climate Change (UNFCCC) which meets annually to encourage intergovernmental policy on climate change.	List of Sustainability Definitions - CDP
	Double Claiming	A credit issued for a reduction or removal of carbon that is already covered by a domestic compulsory mitigation scheme.	CDP
	Double Issuance	Multiple credits being issued for the same emissions reduction or removal.	CDP
	Double Materiality	An extension of the key accounting concept of materiality of financial information. Information on a company is material and should therefore be disclosed if "a reasonable person would consider [the information] important," according to the US Securities and Exchange Commission (SEC). Thanks to the work by the TCFD [Task Force on Climate-related Financial Disclosures], it is now widely accepted within financial markets that climate-related impacts on a company can be material and therefore require disclosure. The concept of double materiality takes this notion one step further: it is not just climate-related impacts on the company that can be material but also impacts of a company on the climate – or any other dimension of sustainability, for that matter (often subsumed under the environmental, social and governance, or ESG, label).	London School of Economics and Political Science
-	Double Use	A single credit being claimed multiple times	CDP
	Ecocide	The severe, widespread, and long-term destruction of the environment. A coalition of countries motivated by the climate crisis, like the island nation of Vanuata, and by interest in prosecuting environmental war crimes, like Ukraine, share a goal of making ecocide the fifth international crime the International Criminal Court can process.	Grist.org
	EcoVadis	EcoVadis helps you manage your sustainability network both upstream and downstream, either by sharing your performance with your stakeholders or monitoring the performance of your own value chain.	<u>Ecovadis.com</u>
GRI	Global Reporting Initiative	For over 25 years, the GRI have developed and delivered the global best practice for how organisations communicate and demonstrate accountability for their impacts on the environment, economy and people.	



Acronym	Full name	Description	Further notes
GHGs	Greenhouse gases	Gases that absorb and trap heat (i.e. infrared radiation) from the Sun in the Earth's atmosphere. Includes the following gases that are covered by the UNFCCC/Kyoto Protocol: carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF6) and nitrogen trifluoride (NF3). These gases are the direct cause of climate change. The term "GHGs" is often used interchangeably with "all UNFCCC/Kyoto GHGs," and these gases must be covered by targets set under the Net-Zero Standard. Water vapor is also a GHG but is not covered by the UNFCCC/Kyoto Protocol or GHG emissions targets because concentrations of this gas are self-limited by the atmosphere and thus not a direct cause of global warming.	<u>Net-Zero Jargon Buster</u> <u>- a guide to common</u> <u>terms - Science Based</u> <u>Targets</u>
	Greenwashing	The practice of falsely promoting an organisation's environmental efforts, or spending more resources to promote the organisation as green than are spent to engage in environmentally sound practices	List of Sustainability Definitions - CDP
	Gross Ecosystem Product	Gross ecosystem product (GEP) is a measure of the aggregate monetary value of final ecosystem-related goods and services in a specific area and for a given accounting period. GEP accounting captures the use of many ecosystem services in production processes across the economy, which are then valued in terms of their benefits to society. GEP has five key elements that make it transparent, trackable, and readily understandable: (1) a focus on nature's contributions to people; (2) the measurement of ecosystem assets as stocks and ecosystem services as flows; (3) the quantification of ecosystem service use; (4) an understanding of ecosystem service supply chains through value realization; and (5) the disaggregation of benefits across groups.	Springer Nature
	Leakage	A project's unintended effects on GHG emissions, such as causing emissions elsewhere or later (for example, in bio- sequestration projects).	WWF



Acronym	Full name	Description	Further notes
, , , , , , , , , , , , , , , , , , ,		A state of balance between anthropogenic	
		emissions and anthropogenic removals. In	
		most cases, it is important to specify either	
		net-zero CO2 emissions or net-	
		zero GHG emissions which also includes	
		non-CO2 GHGs Net-zero GHG emissions	
		must be achieved at the global level to	
		stabilise temperature increase and targets	
		satusing the Net-Zero Standard must cover	
		all UNECCC/Kyoto GHC omissions. The	Net-Zero Jargon Buster
	Not zoro	SPTi's Not Zoro Standard outlings what	<ul> <li>a guide to common</li> </ul>
	INEL-ZEIO	Some sheet - Zero Standard Outlines what	terms - Science Based
		companies need to do to enable the global	Targets
		economy to achieve het-zero. The Standard	
		makes clear that for corporate net-zero	
		targets in line with keeping global warming	
		to 1.5 C require rapid and deep emission	
		reductions. Companies must take action to	
		halve their emissions by around 2030.	
		LIKEWISE, long-term deep emissions cuts of	
		at least 90% before 2050 are crucial for net-	
		zero targets to align with science.	
		A legally binding international treaty on	
		climate change, adopted at COP21 in Paris in	List of Sustainability
	Paris Agreement	2015. Its goal is to limit global warming to	Definitions - CDP
		well below 2, preferably to 1.5 degrees	Definitions - CDF
		Celsius, compared to pre-industrial levels.	
	E Do	Reduce, Remanufacture, Reuse, Recycle,	
	SKS	Recover.	
		The risk that achieved GHG emissions	
		reductions or removals may be reversed or	
	Reversal Risk	undone in the future if appropriate	CDP
		preventative mechanisms have not been put	-
		in place	
		Direct GHG emissions occurring from	
		sources that are owned or controlled by the	
		company for example emissions from	Net-Zero Jargon Buster
	Scope 1	computy, for example, emissions from	<u>- a guide to common</u>
	000001	furnaces vehicles etc. or emissions from	terms - Science Based
		chemical production in owned or controlled	<u>Targets</u>
		process equipment	
		Emissions from nurchased electricity best	
		and steam for use in business operations	Net-Zero Jargon Pustor
		Scope 2 emissions physically accur at the	a guide to common
	Scope 2	facility where electricity is constant and	torms - Science Pased
		a would fall into the seepe 1 actors ry for	Torgoto
		the power generator	Targets
		Coope 2 is a reporting actor construction of the	
		Scope 3 is a reporting category that allows	
		for the treatment of all other indirect	
		emissions. Scope 3 emissions are a	
Scope 3		consequence of the activities of the	
		company but occur from sources not owned	
		or controlled by the company - typically	Net-Zero Jargon Ruster
		because of supplier or customer activities.	- a guide to common
	These can be up or down the value chain -	terms - Science Based	
	for example, transport and distribution, or	Targets	
		the disposal of goods or services after they	1018010
		reach the consumer. Some examples of	
		scope 3 activities are extraction and	
		production of purchased materials;	
		transportation of purchased fuels; and use	
		of sold products and services.	



Acronym	Full name	Description	Further notes
	Shadow Carbon Pricing	A method of investment or decision analysis that adds a hypothetical surcharge to market prices for goods or services that involve significant carbon emissions in their supply chain. For example, if a firm is analysing acquisitions of new energy-using equipment, it would use expected energy costs of expected market prices plus a charge associated with the carbon dioxide that would be released when the fuel is combusted. Shadow prices can apply in all sorts of analyses of investments, procurements, and other strategic decisions to give an edge to options that are more emissions-efficient, other things equal. These decisions then allow firms to reduce their emissions gradually up to the incremental cost reflected in the carbon price they apply.	Brookings
SDGs	Sustainable Development Goals	17 social goals established by the United Nations Department of Economic and Social Affairs to promote prosperity while protecting the planet. The goals are: No poverty; zero hunger; good health and wellbeing; quality education; gender equality; clean water and sanitation; affordable and clean energy; decent work and economic growth; industry, innovation and infrastructure; reduced inequalities; sustainable cities and communities; responsible consumption and production; climate action; life below water; life on land; peace, justice and strong institutions; and partnerships for the goals	List of Sustainability Definitions - CDP
	Sustainable Finance Taxonomy	Sustainable finance taxonomies are one of the instruments that have been developed to support the redirection of financial flows towards environmentally (and socially) sustainable activities. According to the Bank for International Settlements, sustainable finance taxonomies are "set[s] of criteria which can form the basis for an evaluation of whether and to what extent a financial asset can support given sustainability goals". The central goal of taxonomies is driving capital allocation towards sustainable activities, reducing greenwashing and enabling simpler comparison.	<u>List of Sustainability</u> Definitions - CDP

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BIC Principles of Offsetting T&FWG:

Mark Bartlett, Worldwide International Ltd, t/a Publiship Matt Dagwell, Hachette Cathy Hodgson, Taylor & Francis Sue Kelly, Worldwide International Ltd, t/a Publiship Charles Light, HarperCollins John Lloyd, Taylor & Francis



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