

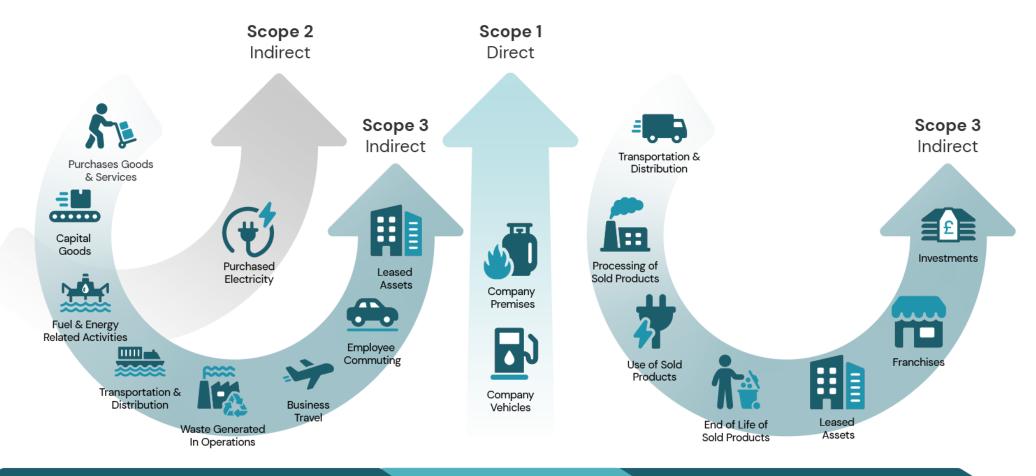
Calculating a Carbon Footprint

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Greg Selfe
Founder and Managing Director
greg@nero-carbon.com

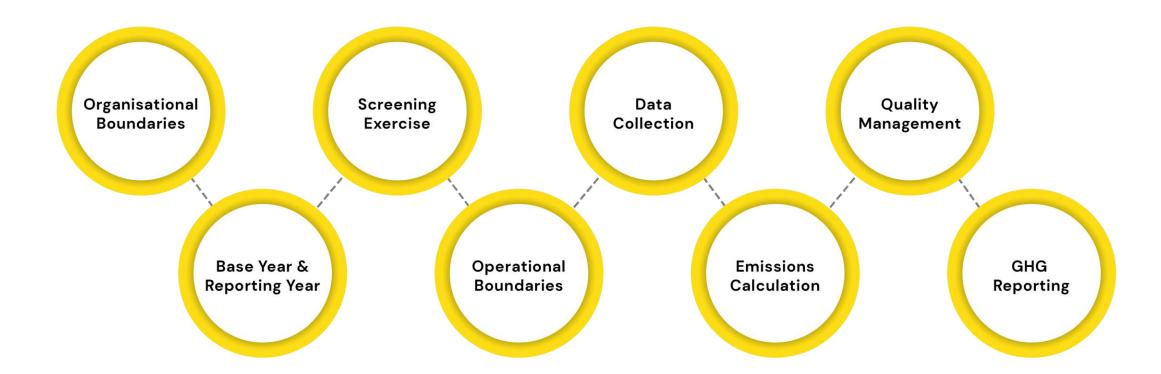
What is a Carbon Footprint?

Upstream activities



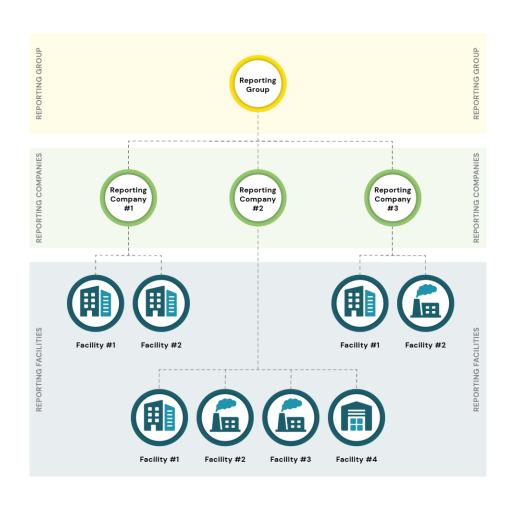


Footprint Stages





Setting the Organisational Boundaries



- Determine which operations to include in the inventory
- Choose a boundary approach:
 - Equity share Report emissions according to ownership percentage
 - Control Include operations you control, either:
 - Financial control You can direct financial and operating policies
 - Operational control You manage day-to-day operations and policies
- Apply the same approach consistently across the group

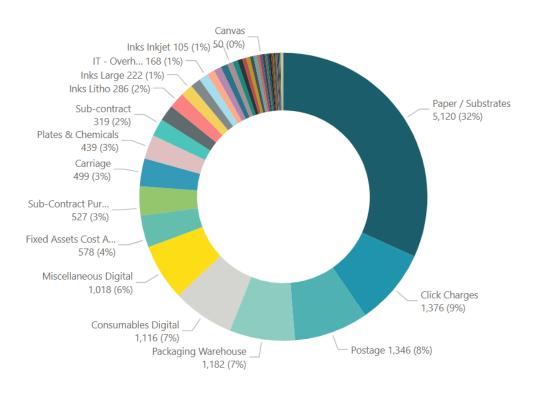


Conducting a Screening Exercise

- A high-level, indicative emissions mapping exercise
- Categorise ALL spend by Relevance, Emissions Category, and SIC code
- Apply average spend-based emission factors to estimate carbon by supplier
- Identify carbon hotspots for deeper analysis e.g. using mass or volume instead of spend data
- Supports prioritisation for data refinement and supplier engagement in later stages

Emissions Screening, by Nominal

Sum of Emissions (tCO2e) by Category





Setting the Operational Boundaries



- Following the screening exercise, a complete list of all relevant activities can be determined
- Grouped by Scope and Category
- Acts as a "Recipe" for all the activities making up the carbon footprint
- Records how data is collected for transparency and ease of hand-over to colleagues
- Ensures all activities are repeated every year



Choosing the Right Carbon System

- Whether you develop your own system or use a third party, a robust GHG system is key for ensuring:
 - Accuracy Emissions are quantified correctly using reliable data and methodologies
 - Completeness All relevant scopes and sources are captured
 - Transparency Assumptions, exclusions, and data sources are clearly documented
 - Consistency Methods are applied uniformly over time for valid comparisons
 - Relevance The system supports business goals and informs decision-making





There is no such thing as a perfect carbon footprint!

Start simple, start now	Your first carbon footprint won't be perfect, and that's okay. The goal is to begin measuring, not to wait for perfection.
	But don't let gaps or estimates stop progress. Document assumptions clearly.
Be transparent	Explain your boundaries, exclusions, data quality and any known limitations. Stakeholders value honesty over false precision.
Build iteratively	Each year your footprint will get stronger as your data systems and supplier engagement improve.
Set near-term reduction targets	Even before you have the full picture. Use footprinting to identify quick wins.
Choose widely accepted standards	Like the GHG Protocol or ISO 14064-1, to ensure consistency and credibility.
Tocus on influence, not just ownership	Especially for Scope 3. Prioritise hotspots you can meaningfully impact.
Don't go it alone	Use sector guidance, peer support, and trusted consultants.



The Journey to Net Zero Starts Today

At Nero, we're here to make carbon reporting simpler, clearer, and more impactful. We work with organisations of all shapes and sizes to help them understand their carbon footprint and take meaningful steps to reduce it. Using our bespoke tools – built in-house and aligned with the leading standards like the GHG Protocol and ISO 14064 – we've now supported 100 companies with the measurement and reporting of their emissions.

Get in touch: enquiries@nero-carbon.com