ascia CONSTRUCTION

BEgin Net Zero

2025 SUSTAINABILITY REPORT

PPN 06/21

Balanced ENERGY

Certified B Corporation

CONTENTS

1. About This Report: Setting Our Baseline
2. Our Business in a Changing Climate
3. Our Carbon Footprint: Understanding the Baseline
4. What We Have Done So Far
5. Turning Measurement into Management: Target Setting & StrategyLogistics, Materials, and the Wider Picture
6. The path ahead
7. Global Goals Reflected In Our Work
8. Building on the Baseline
9. Carbon Footprint Verification
10. APPENDIX A: The Numbers Behind Our Impact
11. APPENDIX B: Methodology
12. APPENDIX C: Declaration

ABOUT THIS REPORT: SETTING OUR BASELINE

At Ascia, we are known for doing things properly: building with precision, delivering with integrity, and working in partnership with our clients. This report follows that same approach. It sets out, for the first time, a clear and transparent view of the carbon emissions directly associated with our business, and the role we play in shaping wider impacts through the way we manage projects.

Why now? The construction industry is moving quickly towards tighter standards. Public sector procurement rules, including PPN 06/21, now require contractors to hold a certified carbon reduction plan. For Ascia, this is not simply a compliance step. It is a recognition that the way we manage design-and-build projects must reflect not only cost and quality, but also carbon performance.

Our direct operational footprint is small by design. We own a single company van, operate a fleet of electric company cars, and run our headquarters with modest electricity use. **In total, this creates 72.06 tCO_2e for 2024–25** a footprint that is lean compared to the scale of our turnover. But while our own emissions are limited, the influence we hold is significant. Every project we manage depends on the choices made with our subcontractors, from waste streams to travel, temporary energy to materials. The systems and frameworks we put in place shape far larger outcomes than our own footprint alone.

This baseline report therefore provides two things:

A transparent account of where we stand today — a footprint that reflects only what we directly control and reimburse, across fleet, electricity, travel, and subcontracted waste.

A platform for what comes next — a pathway that focuses on reducing Scope 1 and 2 emissions in line with procurement expectations, while building the frameworks that bring more Scope 3 categories into view through collaboration with suppliers and partners.

It is important to be open about what this baseline does not yet capture.

Subcontractor fuel use, embodied materials, and temporary site energy sit outside our boundary for now. These are complex, shared challenges across construction.

As our systems mature, and as we strengthen data flows with the companies we work with, more of these impacts will be measured and reported. That progression will take time, but it is the right direction.

In that sense, this report is more than a compliance exercise. It is a statement of intent. Just as we have built our reputation on quality and trust, we are now building the processes and partnerships that will allow us to thrive in a sector where sustainability is a condition of doing business.

This baseline year marks the start of that journey.

Report Prepared by Ashley Webber & Elea Taffet
Balanced Energy

At a Glance: 2024–25 Headline Figures

- **Total emissions:** 72.06 tCO_2e (Location-based)
- **YoY reduction:** Baseline Emissions
- **Emissions intensity:**
  → 1.90 tCO_2e / £m revenue
  → 2.57 tCO_2e / FTE
- **Key hotspots:** Fossil Fuel Van and Business Travel
- **Highlights:** Ability to deliver net zero/low-carbon projects
- **Core reduction focus:** Training, reduction in fossil fuel fleet and business travel, supply chain influence,
- **Compliance & recognition:** Baseline PPN 06/21 Carbon Reduction Plan, Net Zero Carbon Certification received for project.
- **Boundary note (transparency):** Scope 3 coverage minimal., Next integrations: Sub contractor plant fuel, bulk materials, logistics (material to construction).

OUR BUSINESS IN A CHANGING CLIMATE.

Climate change is transforming the environment in which construction companies operate. Regulations are tightening, clients are demanding more transparency, and the costs of energy, fuel, and materials are increasingly linked to carbon. What once sat outside tender discussions is now a central factor in how contracts are won and delivered.

For the construction sector, this shift brings new pressures. Public procurement frameworks, such as PPN 06/21, place carbon reduction plans alongside financial and health and safety requirements. Private sector clients are also raising the bar, with sustainability now considered part of project quality. At the same time, future carbon pricing, shifting energy markets, and supply chain risks are turning emissions into a commercial exposure as well as an environmental issue.

Within this changing landscape, the most powerful lever is design. Decisions made at the earliest stage of a project — from specifications to methods of construction — determine the majority of the carbon locked into a building over its lifetime. Once fixed, these choices are hard to reverse. That makes early involvement, clear standards, and the ability to influence design critical for contractors.

For Ascia, this context reinforces our role. As a main contractor, we deliver projects under traditional and design & build contracts, with site delivery subcontracted. We do not own large fleets of plant or heavy machinery, which makes our own direct footprint relatively small. But we do hold influence over the wider system: who we work with, how sites are managed, and the standards to which projects are delivered. In practice, this means our responsibility lies not just in measuring our own emissions, but in managing projects in a way that drives down emissions across the chain.

This is both a challenge and an opportunity. The challenge is that subcontractor activity and material choices sit outside our immediate control. The opportunity is that we can use our position to set expectations, partner with forward-looking suppliers, and bring sustainability into the same frame as cost, safety, and quality. Companies that can do this credibly will stand out in a sector that is still adapting.

For Ascia, the message is clear: climate performance is now a condition of competitiveness. The systems we build today in procurement, in design, and in supply chain management will define our ability to deliver responsibly and to thrive in a market that is moving fast.

Visit by Ascia office staff to The Nest, mid-construction

3

OUR CARBON FOOTPRINT: UNDERSTANDING THE BASELINE

For the 2024–25 reporting period, our total emissions stood at 72.06 tCO_2e (Location-Based).

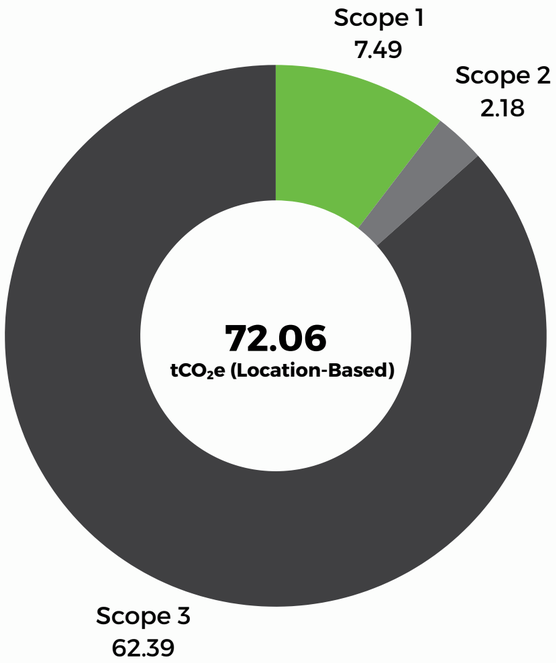
24-25 GHG Emissions Summary

FY24-25 reporting year, our total organisational carbon footprint stands at:

Total Emissions (Location-Based): 72.06 tCO_2e

Intensity Metric: tCO_2e/£million.
1.90 **tCO_2e/£million**

Intensity Metric: tCO_2e/FTE.
2.57 **tCO_2e/FTE**



The shape of the footprint reflects the way we operate. Our own direct activities are limited to a single van, a fleet of electric company cars, and our leased office. That makes our Scope 1 and 2 emissions modest, while the majority of what is reported sits in Scope 3 the activities we reimburse, or that our subcontractors record on our behalf.

- **Scope 1 – 7.49 tCO_2e (10.4%)**

Almost entirely from our single diesel van. Our company cars are electric, and their home-charging electricity is included in Scope 3.

- **Scope 2 – 2.18 tCO_2e (3.0%)**

Electricity use at our Hampshire head office, a leased building where we have limited influence over infrastructure or efficiency.

- **Scope 3 – 62.4 tCO_2e (86.6%)**

The largest share of our footprint, including:

  - Business travel in private vehicles – 132,460 miles, 35.6 tCO_2e
  - Subcontractor site waste – 861 tonnes recycled (5.5 tCO_2e) and 34 tonnes to landfill (17.6 tCO_2e)
  - EV home charging – 17,344 miles reimbursed, 0.6 tCO_2e
  - Other smaller categories such as commuting, public transport, hotels, and office consumables (~3 tCO_2e combined).

Why waste shows up now

Waste data features strongly in this baseline because it is straightforward to collect from subcontractor records and waste carriers. Other categories – plant fuel, subcontractor fleets, and embodied materials are not included this year. Their absence does not mean they cannot be measured. It reflects the stage we are at in asking for, and receiving, that information.

Carbon data flows through relationships and frameworks. If reporting is not required, it does not appear. If questions are asked and systems are in place, it does. Waste is visible now because the data is accessible. The next step is to make fuel, transport, and materials visible by building consistent expectations into how we work with subcontractors from tender questions, to contract clauses, to monthly reporting

How the baseline positions us

This footprint confirms that our direct emissions are small and fixed, but our influence is much wider. It highlights where emissions are visible today travel and waste – and points clearly to where they are not yet captured. For Ascia, this becomes less about reducing a handful of tonnes from our own office or van, and more about shaping the systems that will bring the larger picture into view.

A foundation for transparency

This baseline is not the full story of carbon in construction. It is the part that we can measure with confidence today. Its value lies in making clear both what is visible and what is not yet in focus. From here, the task is to build the relationships, frameworks, and reporting practices that will ensure more of the real carbon picture comes into view year by year.

WHAT WE HAVE DONE SO FAR

Although this is our first formal sustainability report, sustainability is not new to how we work. Several recent projects show that when design, specification and subcontractor management are aligned, we can deliver outcomes that stand up to the highest environmental standards.

- **Haven Health, Fareham** — A family and child therapy centre delivered on the site of a derelict, fire-damaged building. The project achieved Net Zero Carbon certification, proving that efficient design, re-use, and careful supply chain management can deliver credible results.

- **The Nest, Modular Theatre** — A 120-seat theatre built on Theatre Green Book principles. The frame was relocated from a previous site, with cladding repurposed from a dogem arena floor. It demonstrates how whole structures and materials can be re-used creatively to cut carbon.

- **University Centre Sparsholt Research and Science Centre** – A new higher education facility built with SIPS. The modern, energy-efficient facility has been designed to provide a vibrant and dynamic learning environment, equipped with the latest technology to support students It combines innovative methods with educational partnership, and has already been shortlisted for an award.

- **HSDC Havant** — A new BREEAM Excellent multi-use teaching block, showing how environmental performance can be embedded in mainstream education projects.

These examples matter because they are not isolated stories they illustrate a way of working that is already part of Ascia. Whether through material re-use, certification standards, or embedding environmental performance into design, each project shows that we can deliver sustainability without compromise on quality.

The challenge now is to make this approach the norm. Too often in construction, sustainability features in response to client requests or project-specific frameworks. For Ascia, the opportunity is to turn it into a consistent way of working to bring the same standards, expectations and ambition to every project, regardless of whether it is explicitly asked for.

Taking this approach strengthens us in more than one way. Commercially, it aligns us with client expectations and procurement frameworks such as PPN 06/21. Culturally, it shows our people that we are serious about building a business that takes responsibility for its impact. And socially, it reflects the fact that the buildings we deliver sit at the heart of communities, where environmental performance is increasingly part of what good looks like.

By leading rather than reacting, we move from examples to practice, and from individual achievements to a coherent strategy. That is the next step in our journey.

Haven Health, Fareham – Achieved Net Zero Carbon Certification

5

TURNING MEASUREMENT INTO MANAGEMENT: TARGET SETTING & STRATEGY

Our first sustainability report does more than put numbers on a page. It gives us a line of sight: to the areas we can cut quickly, to the parts of our footprint that need better data, and to the role we play in shaping the supply chain. Targets are not just about compliance. They are about setting direction, showing our people and partners what matters, and proving to clients that we have a plan grounded in evidence. The strategy that follows is layered: starting with the simple actions that cut our direct emissions, moving into the frameworks that make subcontractor data consistent, and then using those frameworks to align our supply chain and influence design.
This is how we move from measuring to managing, and from isolated good examples to a coherent, repeatable approach.

Short term (next 12 months): lock in the easy wins, start the data flow

1) HQ electricity (Scope 2) — renewable procurement
Current Scope 2: 2.18 tCO_2e (≈ 3.0% of total).
Action: switch to a certified renewable supply (or secure landlord agreement for REGO-backed coverage).
Impact: –2.18 tCO_2e (100% reduction in Scope 2; –3.0% of total).

2) Company van electrification (Scope 1) — VW Transporter 2.0L diesel → EV
Current mileage: 17,000 miles → 7.487 tCO_2e (Scope 1).
Two scenarios:
Renewable charging: –7.487 tCO_2e (100% reduction in Scope 1; –10.39% total).
Grid charging: –6.518 tCO_2e (–87% Scope 1; –9.05% total).
Either way, this single change removes the bulk of Scope 1 and demonstrates a fully zero-tailpipe fleet.

3) Introduce sustainability language into tendering
Begin asking subcontractors plain-English questions on footprint awareness, waste reporting, plant fuel, and responsibility.
Make clear that this is not yet a deciding factor but it builds a picture of who is ready, and educates suppliers on why they need to begin the journey.

Support this with a one-page guide and a simple reporting template, so expectations are visible from day one.
Combined short-term effect: –12 to –13% reduction in total footprint, plus the first step towards structured subcontractor engagement.

Medium term (12–36 months): build the framework, then the numbers

The most important part of our strategy lies in Scope 3 and in particular, the emissions generated by subcontractors through site energy, transport, plant, and materials. These do not appear fully in our baseline, not because they cannot be measured, but because the framework for capturing them is not yet in place.

The first step is to create a consistent structure for reporting. That means:

- **Defining what data we expect subcontractors to provide — from plant fuel to transport mileage to waste.**
- **Embedding those requirements in tender and contract documents, so that reporting becomes a condition of working with us.**
- **Providing clarity and consistency so that suppliers know what is expected, and so that the data we receive is accurate and comparable.**

Once the data is flowing, it must be managed like any other core metric:

- **Monthly reporting built into site progress reviews.**
- **Variance checks when figures don't align with expected activity.**
- **Data evidence invoices, meter readings, or skip tickets kept on file.**

This is how we make carbon reporting as routine as health and safety or quality.

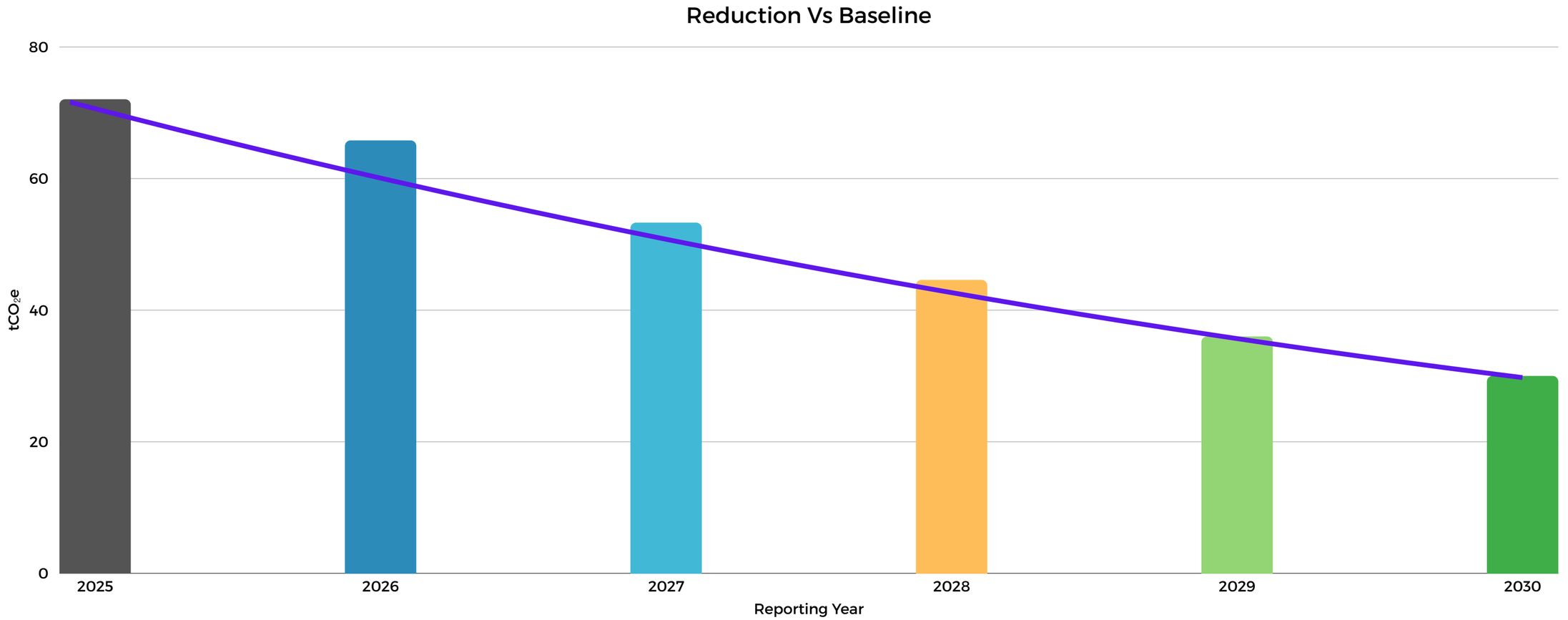
Long term (to 2030): align partners, design choices, and targets With reliable data, Ascia can begin to lead.

- **Supplier alignment** — prioritising partners who understand their footprint, provide consistent data, and show evidence of reduction plans.
- **Design as a lever** — using early design reviews to influence specifications, materials, and temporary works strategies that lock out unnecessary emissions.
- **Business travel support** - ensure all staff travelling on business have access to low-carbon options —prioritising EV pool/rental vehicles and public transport.
- Targets:
  - Scope 1 & 2: achieve and maintain near-zero through renewable electricity and a fully electric fleet.
  - Scope 3: by FY28, ensure 100% of sites report monthly carbon data; introduce measurable improvement targets (e.g. plant fuel use per £m works, landfill diversion rates, generator hours replaced by grid).

6

THE PATH AHEAD

Our direct emissions can be reduced quickly and substantially. More importantly, we are putting in place the systems that will make the larger impacts visible and manageable. This layered approach immediate action on what we control, structured reporting frameworks, and long-term supply chain alignment gives us credibility with clients, clarity for our people, and influence across the projects we deliver.
This is not about isolated wins. It is about making sustainability part of how Ascia operates, every time.



GLOBAL GOALS REFLECTED IN OUR WORK

The UN Sustainable Development Goals (SDGs) provide a global framework for tackling climate change and building a fairer, more resilient world. For Ascia, they are not a checklist but a useful reference point. They help us connect our day-to-day decisions with the bigger picture of how construction contributes to society and the environment.

From our baseline assessment and the strategy we are setting, three SDGs are most relevant to our work

- **SDG 9: Industry, Innovation and Infrastructure**

Our work is about building infrastructure that lasts. By integrating lower-carbon practices into delivery — from EV fleets to tool electrification we are demonstrating that infrastructure can be delivered with innovation and responsibility.

- **SDG 11: Sustainable Cities and Communities**

The projects we deliver, from health centres to colleges to theatres, sit at the heart of communities. Embedding sustainability in their design and delivery means we are helping those communities access facilities that are fit for the future.

- **SDG 12: Responsible Consumption and Production**

The way we manage subcontractors on waste, plant, and materials directly influences how resources are used on our projects. By requiring waste data, promoting re-use (as seen at The Nest), and setting clearer reporting frameworks, we are strengthening responsible practices across our supply chain.

- **SDG 13: Climate Action**

Our targets to halve Scope 1 and 2 emissions by 2030, alongside our wider influence on Scope 3 through frameworks and supplier alignment, are clear climate commitments. As a business operating in a high-impact sector, this is where our leadership matters most.

BUILDING ON THE BASELINE

This first sustainability report gives us a baseline, a strategy, and a direction of travel. It shows that our own operational footprint is modest, but also that we hold significant influence through the way we design, manage, and deliver projects with our subcontractors.

The numbers matter. They give us transparency and credibility. By switching to renewable electricity and electrifying our fleet, we can cut more than 12% from our footprint immediately. By 2030, we have a clear and achievable path to halve our baseline. That plan is precise, evidence-based, and aligned with the requirements of PPN 06/21.

Just as important is the framework we build around the numbers. Our projects at Haven Health, The Nest, Sparsholt College and HSDC Havant show what is possible when sustainability is embedded in design and delivery. The next step is to make this the norm: to ensure that every subcontractor, every contract, and every project works to the same standards.

This report also forms the foundation of our Carbon Reduction Plan in line with PPN 06/21. It gives public sector buyers the assurance that we are compliant today, and it shows that we are building the systems needed for future requirements as procurement standards tighten. By reporting annually against this baseline, we will create a transparent year-on-year record of progress that clients and partners can rely on.

This is not just about compliance. It is about leading responsibly in a sector that is still adapting, and about showing our people and the communities we serve that we are serious about doing things properly. For Ascia, sustainability is not a separate conversation. It is part of how we run the business — commercial, cultural, and social.

We have set the foundation. The challenge now is to deliver against it consistently, turning good examples into standard practice, and using our position to influence real change across the supply chain. That is how we will protect our competitiveness, strengthen our credibility, and contribute to a construction industry that builds responsibly for the future.

Petersfield Town FC Girls Under 18's Wildcats, sponsored by Ascia Construction

CARBON FOOTPRINT VERIFICATION

Balanced Energy is committed to delivering the highest standards of accuracy and integrity in carbon reporting and sustainability management. This report has been prepared in accordance with internationally recognised methodologies, including the Greenhouse Gas (GHG) Protocol ensuring compliance with best practices and industry standards.

As part of our rigorous verification process, this report has been independently reviewed and quality checked by an IEMA-qualified expert in carbon management, ensuring the accuracy and reliability of the data presented. This verification process provides confidence to Ascia and its stakeholders that the emissions data and recommendations reflect an accurate, transparent, and actionable sustainability strategy.

The verification process includes:

- **Data Integrity Check**: Ensuring all activity data sources, including energy consumption and business operations, align with recorded evidence.
- **Emission Factor Validation**: Applying the latest emission factors to ensure consistency and accuracy in calculations.
- **Review of Assumptions:** Assessing key assumptions and methodologies used to quantify emissions and reduction pathways.
- **Quality Assurance:** Cross-checking figures, calculations, and recommendations against Balanced Energy's internal quality standards to ensure precision and transparency.

Role	Name	Signature	Date
Author	Ashley Webber		26/08/2025
Reviewer	Elea Taffet		27/08/2025

ascia CONSTRUCTION

Carbon Accounting Alliance Member

Certificate of Carbon Footprint Assessment

This is to certify that Ascia Construction has successfully completed a comprehensive carbon footprint assessment for the reporting period **April 2024 - March 2025**.

Through this assessment, Ascia has demonstrated a strong commitment to measuring and managing their environmental impact in alignment with best practices and industry standards.

Total Carbon Footprint (Location Based): 72.06 tCO_2e

Scope 1 Emissions: 7.49 tCO_2e
Scope 2 Emissions: 2.18 tCO_2e
Scope 3 Emissions: 62.39 tCO_2e
Emission Intensity: 1.90 tCO_2e/£m revenue

This assessment was conducted following the principles of the GHG Protocol and verified by an IEMA-qualified expert in carbon management, ensuring the highest levels of accuracy and transparency.

Balanced ENERGY

APPENDIX A: THE NUMBERS BEHIND OUR IMPACT

Greenhouse Gas (GHG) Inventory by Activity (Location Based) April 2024 - March 2025

	Activity	Unit	Consumption	Carbon Emissions (tCO_2e)
Scope 1	Company Owned Vehicles (Diesel)	Miles	17,000	7.49
Scope 2	Electricity	kWh	10,520	2.18
Scope 3	Sub Contractor Waste - Landfill	Tonnes	33.76	17.57
	Sub Contractor Waste - Recycling	Tonnes	860.9	5.52
	Business Travel - Private Vehicles	Miles	132,460	35.58
	Business Travel - Public Transport	Km	5,316	0.96
	T&D Losses	kWh	10,520	0.018
	Employee Commuting	Miles	4,239	1.14
	Hotel Stays	Nights	15	0.20
	Purchased Goods - Paper	Tonnes	0.463	0.63
	EV Home Charging	Miles	17,344	0.61
				72.06

APPENDIX B: METHODOLOGY

This carbon footprint assessment was conducted in accordance with the Greenhouse Gas (GHG) Protocol: A Corporate Accounting and Reporting Standard (Revised Edition), developed by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD). It follows established best practice in boundary setting, emissions categorisation, and activity-based carbon accounting.

Ascia Construction reports under an operational control boundary. This includes all emissions arising from activities over which Ascia exercises operational influence irrespective of legal ownership or asset control — in line with the outsourced nature of the business model.

The 2024–25 reporting period covers 1 April 2024 to 31 March 2025.
The footprint includes:

- Scope 1: Direct emissions from controlled sources (e.g. fuel use in company vehicles).
- Scope 2 (Location-based): Indirect emissions from purchased electricity
- Scope 3 (selected upstream categories):
- → Purchased goods and services (e.g. paper, PPE)
- → Business travel
- → Waste disposal
- → Transmission and distribution (T&D) losses

Supplier-specific data was integrated where available; where not, credible industry averages and secondary databases were applied to ensure alignment with reporting best practice.

Emissions Calculation
All emissions calculations are based on primary activity data multiplied by standardised, government-endorsed emissions factors. The following data sources were used for the 2024–25 footprint:

- UK Government GHG Conversion Factors for Company Reporting (DESNZ/DEFRA 2024 release)
- Ecoinvent (v3.9)

Scope 2 emissions are reported under both market-based and location-based methodologies in line with GHG Protocol guidance.

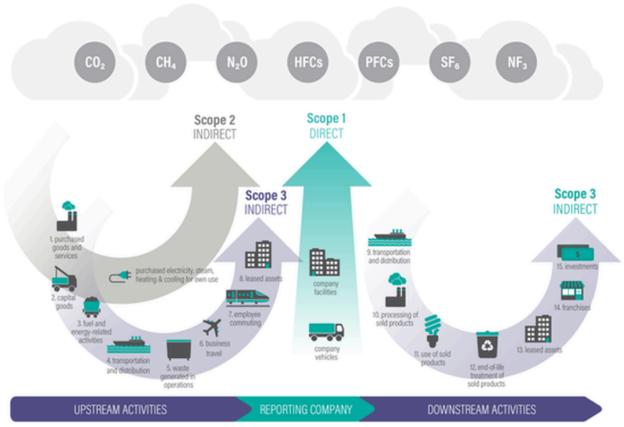
All calculations were independently prepared by Balanced Energy, using activity data supplied by Ascia and cross-verified with procurement, logistics, and operational records. Data has undergone internal technical review to ensure completeness, methodological rigour, and alignment with recognised accounting frameworks.

The approach is consistent with global best practice and supports Ascia's alignment with disclosure standards the commitments made under the SME Climate Hub and Race to Net Zero.

All calculations have been independently prepared by Balanced Energy using client-supplied activity data, cross-referenced with procurement, logistics, and financial records. Data has been internally reviewed for completeness, accuracy, and methodological consistency.

This assessment has undergone third-party external assurance and is aligned with recognised standards of carbon accounting accuracy and transparency suitable for procurement, reporting, and disclosure purposes.

Balanced Energy is a member of the Carbon Accounting Alliance, reflecting its commitment to ongoing methodological integrity, industry alignment, and best practice in complex organisational carbon accounting.



APPENDIX C: DECLARATION

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and use the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors of Ascia Construction.

Signed on behalf of Ascia Construction

.....

Date: 27/08/2025

Balanced ENERGY

Certified B Corporation