**Carbon Reduction Plan**

**Ivy Engineering and Drainage Solutions LTD**  
**Date of Publication:** 08/03/25  
**Commitment to achieving Net Zero:**  
Ivy Engineering and Drainage Solutions is committed to achieving Net Zero greenhouse gas emissions by 2050 for all UK operations.

**1. Baseline Emissions Footprint**

Baseline emissions are a record of the greenhouse gases produced in the past and provide a reference point against which emission reduction can be measured.

**Baseline Year:** 2024]  
**Baseline Emissions:**

| **Emission Source** | **Tonnes CO₂e** |
| --- | --- |
| Scope 1 (Direct emissions) | 50 |
| Scope 2 (Indirect electricity) | 40 |
| Scope 3 (Selected categories\*) | 100 |
| **Total Baseline Emissions** | 190 |

\*Scope 3 categories might include business travel, employee commuting, waste, water, upstream/downstream transport.

**2. Current Emissions Reporting**

**Reporting Year:** 2025

| **Emission Source** | **Tonnes CO₂e** |
| --- | --- |
| Scope 1 | 40 |
| Scope 2 | 35 |
| Scope 3 | 90 |
| **Total Emissions** | 165 |

**3. Emission Reduction Targets**

To continue our progress toward Net Zero, we have adopted the following carbon reduction targets:

* Reduce Scope 1 and 2 emissions by 50% by 2030 from the 2024 baseline.
* Reduce Scope 3 emissions by 30% by 2030.
* Achieve Net Zero across all scopes by 2050.

We project that carbon emissions will decrease to 120 tCO₂e by 2030, a reduction of 37% from the 2024 baseline.

**4. Carbon Reduction Projects**

The following environmental management measures and projects are being implemented:

* Transition to 100% renewable electricity for all office sites
* Implementation of a green travel plan and fleet electrification
* Increased remote working to reduce business travel
* Waste reduction and recycling schemes
* Supply chain engagement on carbon performance
* ISO 14001 Environmental Management accreditation

Planned future initiatives include:

* Installing solar panels at main premises by 2030
* Engaging staff through a “Net Zero Awareness” programme

**5. Declaration and Sign-Off**

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance.  
It has been reviewed and approved by:  
**Signature:**   
**Date:** 01/05/2025



Published online at: ivy-engineering.com