Carbon Reduction Plan

Velaryn Ltd - Final Version 1.0

Item	Details
Supplier name	Velaryn Ltd
Company number	16176035
Publication status	Final Carbon Reduction Plan, Version 1.0
Date of publication / approval	30 July 2026
Baseline and current reporting period	1 January 2026 to 30 July 2026
Reporting boundary	Velaryn Ltd operations, including known business travel directly associated with Velaryn-related work.
Operating model	Micro-SME consultancy; home-office based; no owned or leased office; no company vehicle; no company energy account; no manufacturing or physical product distribution.

Commitment to achieving Net Zero

Velaryn Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050 at the latest.

Velaryn Ltd is a UK micro-SME providing research, training and advisory services. The company operates a low-emissions business model: work is primarily laptop-based, undertaken from a home-office environment, client premises, public-sector venues, third-party venues or online. Velaryn Ltd has no owned or leased office premises, no vehicle fleet, no manufacturing activity and no company energy account.

Baseline emissions footprint

This is Velaryn Ltd's first Carbon Reduction Plan. The baseline reporting period is 1 January 2026 to 30 July 2026. The baseline year and current reporting year are the same because this is the company's first available carbon reporting period.

The main identified emissions source in this baseline period is business travel associated with international engagement and course-related activity. The calculation includes two economy-class return business journeys connected with Velaryn-related work. Courses delivered in London used public transport only. No company vehicle, company energy account or significant printing was identified.

Scope / category	Emissions source	tCO2e	Basis / explanation
Scope 1	Direct emissions	0.00	No company vehicles, owned premises, gas, generators or direct fuel combustion.
Scope 2	Purchased electricity / heat	0.00	No owned or leased office premises and no company electricity, gas, heat, steam or cooling account.
Scope 3 category 4	Upstream transportation and distribution	0.00	Not applicable. Velaryn Ltd does not supply physical goods and has no upstream goods distribution chain.
Scope 3 category 5	Waste generated in operations	0.00	Negligible. Home-office and digital operations; no office waste stream or significant printing.
Scope 3 category 6	Business travel	5.42	Estimated from two economy-class international return business journeys using internal travel records and UK Government aviation factors. London delivery travel was public transport only and assessed as de minimis for this first baseline.
Scope 3 category 7	Employee commuting	0.00	Not applicable. Home-office based micro-SME with no routine employee commute to a company office.
Scope 3 category 9	Downstream transportation and distribution	0.00	Not applicable. Velaryn Ltd does not distribute physical products.
Total	Total reported emissions	5.42	Total Scope 1, Scope 2 and required Scope 3 subset emissions for the baseline / current reporting period.

Methodology and assumptions

Activity / assumption	Activity data	Emission factor / method	Emissions
International air travel	Two economy-class return business journeys; detailed routing retained in internal supporting records.	2026 UK Government aviation factors including radiative forcing applied to internal passenger-kilometre estimate.	5.42 tCO2e
London public transport	Public transport only for London courses.	No reliable detailed travel log for the first baseline; assessed as de minimis relative to international air travel and to be captured prospectively where material.	0.00 tCO2e recorded
Home-office working	Home-office based, no company-purchased electricity or gas.	Outside Scope 1 and Scope 2 reporting boundary because Velaryn has no company energy account. Optional homeworking emissions	0.00 tCO2e recorded

		will be reviewed at the next annual update.	

Primary source for emission factors: UK Government greenhouse gas reporting conversion factors 2026, published by the Department for Energy Security and Net Zero. URL: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2026

The 2026 aviation factors used are the Business travel - air factors including RF. The UK Government guidance states that organisations should generally include the indirect effects of non-CO2 emissions when reporting air travel emissions. The estimated flight distances are based on great-circle distances between the relevant airports and the official aviation factors include a distance uplift.

Emissions reduction targets

Velaryn Ltd will seek to reduce avoidable emissions while recognising that annual emissions may vary depending on client requirements, especially where overseas delivery or international engagement is specifically required.

Velaryn Ltd's baseline emissions are 5.42 tCO2e for the period 1 January 2026 to 30 July 2026. To support progress toward Net Zero by 2050, Velaryn Ltd adopts an interim target to keep normal annual emissions below 3.00 tCO2e by 2030 where client requirements permit. This would represent an indicative reduction of approximately 45% against the 2026 baseline. If client-directed overseas work materially changes the emissions profile, Velaryn Ltd will report this transparently and update the target at the next annual review.

Carbon reduction measures currently in place

- Remote delivery and online meetings are used where suitable for the learning, research or advisory objective.
- Digital materials are used by default and unnecessary printing is avoided.
- Public transport is used for London-based delivery and domestic travel where practicable.
- Meetings, training and research engagements are consolidated where possible to reduce unnecessary travel.
- Velaryn Ltd operates no company vehicle and holds no company fuel account.
- Velaryn Ltd has no owned or leased office premises and no company energy account.
- Venues and delivery methods are selected proportionately, considering client requirements, security, cost, practicality and environmental impact.
- Subcontractors, associates or delivery partners may be used where appropriate to add specialist capacity and avoid unnecessary travel.

Planned carbon reduction actions

- Maintain a simple carbon data log for business travel, including flights, rail, taxis, mileage and accommodation where applicable.
- Record whether significant printing, venues or purchased services create material emissions during contract delivery.
- Continue to prefer remote delivery, digital materials and public transport where these are compatible with customer requirements.
- Review the relevance of optional homeworking and well-to-tank categories during the next annual update.
- Review this Carbon Reduction Plan at least annually and update it when business activity materially changes.
- Publish the current version on the Velaryn Ltd website and keep a record of supporting calculations.

Declaration and sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 requirements as applied to Velaryn Ltd and its current operating model. It has been reviewed and approved by the director of Velaryn Ltd. The plan will be reviewed and updated at least annually.

Role	Name	Approval	Date
Managing Director	Toshiaki Suzuki	Approved for publication	30 July 2026