Applied Satellite Technology Ltd
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Carbon Reduction Plan Update – CY 2025

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Commitment to Achieving Net Zero

AST Networks is committed to reducing emissions to achieve Net Zero emissions by 2050.

The UK Government amended the Climate Change Act 2008 in 2019 by introducing a target of 100% reduction in the net UK carbon account (i.e. reduction of Greenhouse Gas (GHG) emissions compared to 1990 levels) by 2050. This is otherwise known as the 'Net Zero' Target.

This report outlines our compliance with Procurement Policy Note (PPN) 006 outlining the requirement for Carbon Reduction Plans for government and NHS procurement (which was updated in February 2025).

AST Networks is already certified to ISO14001:2015 environmental management in the UK. Our policies and the way we work demonstrate a commitment to manage and reduce our environmental impact through continuous improvement, innovation, and sustainable practices. Our approach aligns with industry best practices and regulatory requirements, ensuring that we actively reduce emissions across our operations.

We recognize that achieving this goal requires ongoing effort, collaboration, and accountability, but by embedding sustainability into our operations and decision making processes, we are

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committed to making a lasting positive impact on the environment while maintaining the highest standards of corporate responsibility.

This GHG emissions statement is intended to be the next step in the establishment of a Group-wide carbon reduction plan and transitional Net Zero pathway. This report will feed into the leadership business planning strategies, with summary findings being shared internally and externally, and this statement will be published on the AST Networks website.

This report covers GHG emissions for calendar year 2025.

Baseline Emissions Footprint

Baseline emissions are a record of the Greenhouse Gasses that have been produced in the past, prior to the introduction of any strategies to reduce emissions.

Baseline emissions are the reference point against which emissions reductions can be measured.

All Scope 1 direct and Scope 2 indirect emission sources have been quantified along with significant Scope 3 indirect emissions including upstream and downstream transportation, business travel, commuting, homeworking, purchased goods and services, water and waste.

This report covers the location-based emissions for the primary AST Network sites in Great Yarmouth, Norwich, Bristol, Phoenix USA, Houston USA, Singapore, and Perth Australia.

The AST Group total GHG emissions inventory for 2025 is 11,953.5tCO2e, a reduction of 17% on the previous year, 2024, and 22% on the baseline year

	2019	2022	2023	2024	2025
Scope 1	66.5	50.6	50.6	50.5	50.1
Scope 2	118.1	82.1	82.1	86.7	61.1
Scope 3	15,204.5	15,990.0	16,058.1	14,223.2	11,842.2
Total tCO_2e	**15,389.1**	**16,122.8**	**16,190.8**	**14,360.4**	**11,953.5**

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The below figures are the total tCO_2e by location for calendar year 2025. Our largest facility in Great Yarmouth, UK, contributes 61% of our total GHG emissions:

- Great Yarmouth: 7153.5
- Norwich: 229.5
- Bristol: 313.3
- Phoenix USA: 2385.2
- Houston USA:47.2
- Singapore: 730.4
- Perth Australia: 1094.3

Breakdown of GHG Protocol Scope 3 emissions:

		2019	2022	2023	2024	2025
Scope 1	Fuels	49.7	33.8	33.7	33.6	33.2
	Machinery	0.0	0.0	0.0	0.0	0.0
	Refrigerant	16.8	16.8	16.9	16.9	16.9
Scope 2	Electricity	118.1	82.1	82.1	86.7	61.1
Scope 3	Category 1. Purchased Goods and Service	14583.9	15183.7	15278.5	13040.3	10767.7
	Category 2. Capital Goods	0.0	0.0	0.0	0.0	44.3
	Category 3. Fuels and Gases (not included in Scopes 1 or 2)	7.5	5.8	5.6	5.5	5.5
	Category 3. T&D and WTT (not included in Scopes 1 or 2)	27.9	29.0	26.9	24.3	15.8
	Category 4. Up Stream Transportation and Distribution	113.5	202.9	235.4	273.0	208.6

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	Category 5. Waste Generated in Operations	0.9	0.9	1.3	1.4	1.2
	Category 6. Business Travel	262.1	330.6	240.8	612.0	564.0
	Category 7. Commuting & Homeworking	31.3	31.3	34.8	44.2	41.8
	Category 9. Downstream Transportation and Distribution	177.5	205.8	235.0	222.4	193.2
	Emissions tCO2e	**15,389.1**	**16,122.8**	**16,190.8**	**14,360.4**	**11,953.5**
	Average FTE number	136	136	151	187	174
	tCO2e/FTE	113.2	118.5	107.2	76.8	68.7

Emissions Reduction Target

The increase in overall emissions in 2022 (+4.7%) was primarily driven by the resumption of post-COVID business activities and an increase in purchased goods and services, with Scope 1 and Scope 2 reducing by 26% and 30% respectively. In 2023, we implemented targeted reduction measures, maintaining the previous reduction in Scope 1 and 2 emissions and maintaining the same level of Scope 3 emissions despite growth in the business. In 2024 and 2025 the overall emissions reduced significantly on the previous year despite the opening of additional premises in the UK giving an overall reduction of 6.7% and 22.3% respectively against the baseline year.

Our organisation has now embarked on a global operations GHG inventory and carbon reduction planning process to continue our progress to achieving net zero by 2050 with an interim target of a 50% reduction by 2030.

The sponsor for this programme is AST Networks' Chairman, who will be assisted in its delivery by the senior leadership team including the Chief Executive Officer and Chief Finance Officer who will oversee the plan. AST Networks has also introduced green champions across numerous departments to enhance communication, raise awareness, and actively promote our initiatives.

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AST Networks' carbon reduction plan is a 'live' programme and it is envisaged that there may be changes on an annual basis as planning assumptions become a reality or the company's strategy changes.

To ensure the plan remains 'fit for purpose' to deliver the targeted carbon savings, this document will be reviewed on at least an annual basis as part of the Environmental Management System Senior leadership review meeting which generally convenes in November.

To ensure accountability, we will publish annual updates on our carbon reduction progress, including quantitative assessments of reductions achieved against targets. Additionally, we will explore third-party verification of our emissions data for increased transparency.

Carbon Reduction Projects

Reductions will be achieved through a variety of activities and projects including use of green energy, the reduction in commuting, smart supply chain, and awareness raising initiatives for our environmental activities.

We are committed to reducing the impact of our business on the planet and have already initiated a number of green initiatives within the business, including:

Energy Efficiency & Renewable Energy

- 100% of our electricity in Great Yarmouth and Norwich comes from non-fossil fuel sources;
- We have replaced aging fluorescent ceiling lights with an energy-efficient LED system throughout our Great Yarmouth Headquarters;
- All monitors and computers enter sleep mode after 10 minutes of inactivity to reduce energy consumption;
- Light sensors in bathrooms, kitchens, and corridors help minimize unnecessary electricity use.

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Sustainable Office Practices

- We have significantly reduced paper use by cutting the number of office printers by over 50%;
- Paper towel products in bathrooms have been replaced with energy-efficient hand dryers;
- Traditional paper toilet rolls have been swapped for sustainable bamboo alternatives;
- Recycling is actively encouraged, with improved facilities in offices and kitchens.

Sustainable Procurement & Waste Reduction

- For our network infrastructure Points of Presence we partner with organisations with demonstrable environmental programmes and/or certification to environmental certifications such as ISO14001.
- Single-use plastic bottles have been replaced with recyclable cans in vending machines;
- Supplier cardboard boxes and packaging materials are reused, and all new packaging cushions are 100% biodegradable and made from recycled materials;

Travel & Commuting Impact Reduction

- We reduce business travel whenever possible, relying on video conferencing to minimize our carbon footprint;
- When air travel is necessary, we select carbon offset options with airlines where they exist;
- Our working-from-home policy helps reduce commuting emissions;
- Three electric car charging points have been installed to encourage the use of electric vehicles at both Great Yarmouth office and Bawburgh office.

Our NetZero team are looking to invest in the adoption and/or deployment of technologies that help reduce carbon emissions in service delivery across the entire supply chain.

We are looking to invest in monitoring and reporting of carbon emissions of the company, our supply chain, and the solutions we will deliver to our customers.

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We are currently scoping a range of additional carbon reduction initiatives and are aiming to align those initiatives across all AST Networks locations.

Declaration and Sign Off

This Carbon Reduction report has been completed in accordance with PPN 006 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 Protocol corporate standard and uses 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.

We recognize that achieving Net Zero is a journey that requires continuous action, innovation, and collaboration. We remain committed to working with our employees, suppliers, and customers to drive meaningful change and contribute to a more sustainable future.

This Carbon Reduction report has been reviewed and signed off by the AST Networks senior leadership team.

Signed on behalf of AST Networks:



Name: Aliena Uppal
Title: Chief Finance Officer
Date: September 2026