Streamlined energy and carbon report (SECR)

Environmental strategy

Altecnic is classified as a large unquoted company due to its size. This report is for the financial year ending 31st December 2024.

Altecnic takes its role in protecting the environment and minimising its impacts seriously. Altecnic has recognised the importance of its environmental responsibilities, and through its commitment to ISO 14001 analyses, measures and monitors its aspects and impact on the environment.

During the reporting year, and future years we are taking the following steps to reduce our environmental impact:

- Promotion and support of electric hybrid and fully electric vehicles to remove local emissions.
- Improved on-site electric vehicle charging facilities to support the above and provide them for all employees.
- Continuation of use of virtual communication tools, such as Google Meet to reduce business mileage.
- Communication of previous Scope 1 & 2 emissions amongst wider business to promote energy reduction targets.
- Assessment of the business' whole carbon footprint to guide additional initiatives.
- Adoption of environmental considerations in the development/renovation of business facilities.

Environmental performance and methodology

Altecnic decided to follow and adapt, for SECR reporting, a widely-recognised Greenhouse Gas Reporting Protocol – Corporate Standard methodology and use the DEFRA / BEIS UK Government GHG conversation factors for company reporting which were updated in 2024. As at 31st December 2024 Altecnic's energy usage and carbon emissions were as follows:

Energy Type		Energy Use (kWh)	% Split (kWh)	Emissions (tCO2e/Yr)	% Split (tCO2e)
Combustion of gas in services	(Scope 1)	315507	28.3%	63.934	28.1%
Transport	(Scope 1)	312369	28.0%	73.321	32.2%
Electricity	(Scope 2)	432929	38.9%	88.963	39.0%
Hybrid Vehicle Electricity	(Scope 2)	50461	4.5%	0.928	0.4%
Transport (Grey Fleet)	(Scope 3)	2977	0.3%	0.707	0.3%
Total	**(Scope 1, 2 & 3)**	**1114243**	**100%**	**227.853**	**100%**

Scope 1 emissions are associated with energy used from combustion of controlled or owned fuel sources. This is the use of natural gas for provision of Heating and Domestic Hot Water (DHW) within Altecnic's premises. It also includes fuel used for

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transport purposes (petrol and diesel) but note that employee owned vehicle use for business purposes are reported under Scope 3 (Grey Fleet).

Scope 2 refers to the emissions from electricity purchased and used by the organisation, along with use in hybrid vehicles. Emissions are created during the production process of the energy, which is eventually used by the organisation.

2024 saw Altecnic's total Energy Use and Emissions increase by 7% against 2023 and this increase continues to be due to the inclusion of the 2nd site which remained under renovation during 2024, but due to renovation us has seen an increase in electricity requirements from 2023. Without this additional electricity demand total usage would have dropped by 8%.

Reporting Year	Energy Consumption and associated greenhouse gas emissions per employee				
	Total Energy Consumption (kWh)	Total greenhouse gas emissions (tCO2e)	Total number of employees (TNE)	Intensity Ratio (kWh/TNE)	Intensity Ratio (tCO2e/TNE)
2021	891454	225.876	96	9285.98	2.353
2022	996607	211.399	105	9491.49	2.013
2023	1077599	228.688	105	10262.85	2.178
2024	1114243	227.853	107	10413.49	2.129

Reporting Year	Energy Consumption and associated greenhouse gas emissions per £100,000 of annual turnover				
	Total Energy Consumption (kWh)	Total greenhouse gas emissions (tCO2e)	Annual Turnover (£)	Intensity Ratio (kWh/£100,000)	Intensity Ratio (tCO2e/£100,000)
2021	891454	225.876	48731908	1829.30	0.464
2022	996607	211.399	52730841	1889.99	0.401
2023	1077599	228.688	53748722	2004.88	0.425
2024	1114243	227.853	54824717	2032.37	0.416

Reporting Year	Energy Consumption and associated greenhouse gas emissions per 100,000 PCS sold				
	Total Energy Consumption (kWh)	Total greenhouse gas emissions (tCO2e)	Qty of PCS Sold	Intensity Ratio (kWh/100,000 PCS)	Intensity Ratio (tCO2e/100,000 PCS)
2021	891454	225.876	8631193	10328.29	2.617
2022	996607	211.399	7764805	12834.92	2.723
2023	1077599	228.688	7146333	15079.05	3.200
2024	1114243	227.853	6863334	16234.72	3.320

Total annual energy consumption within Scope 1, 2 and 3 was calculated based on recorded consumption data for the financial year 2024 (January 2024 to December 2024). This period complies with the legislation and is deemed as the SECR Year 5 reporting period.

The energy consumption has been collected and aggregated, and been based on verifiable sources, with any missing data estimated.

UK Government approved conversion factors for company reporting have been used (as published by The Department for Environment Food & Rural Affairs (DEFRA) / The Department for Business, Energy and Industrial Strategy (BEIS) GHG conversation factors for company reporting), which were updated in 2024, for any necessary conversions.

Transport analysis has been based on mileage claims, using DEFRA conversion factors for diesel and petrol vehicles, and market segment types.

Future Energy efficiency actions

Altecnic continues to look for ways to reduce its energy consumption and associated greenhouse gas emissions. The company is also continuously looking for ways it can lower its environmental impact and become more energy conscious through energy efficiency actions.

Altecnic are taking the following steps to reduce our environmental impact:

- Installation of solar electricity generation as part of our warehouse operationalisation plans.
- Continuing to promote energy efficient vehicles for necessary travel and video/audio conferencing to reduce unnecessary travel.
- Setting BREEAM rating 'very good' as the minimum rating for all building refurbishment projects.
- Removing reliance on fossil fuels for DHW in building refurbishment projects.

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