

Sustainability continued

Case study: Carbon footprint of our most popular product

Tracking products' carbon footprint has been a goal of ours for some time, and with our commitment to sustainability in FY20 came the first full-scale opportunity to measure the environmental impact of our biggest-selling product: the Scarlett 2i2 3rd Generation audio interface.

From this research, we now know the carbon footprint across the three-year warranty has improved by 27% compared to the previous generation, from 19.5kgCO₂e¹ to 14.2kgCO₂e. As the design was significantly improved this was achieved because of three main factors:

- More efficient material usage and greater automation in manufacturing resulting in the carbon footprint to build each unit reducing by 38% from 10.03kgCO₂e to 6.29kgCO₂e.
- We were able to reduce the product weight by 14% from 761g to 657g, which has a direct impact on shipping efficiency.
- The product is 20% more energy efficient, so across three years usage the carbon footprint is expected to improve from 4.70kgCO₂e to 3.76kgCO₂e.

27%

Reduction in Scarlett 2i2 carbon footprint

3rd Gen 2i2	14.2kgCO ₂ e
2nd Gen 2i2	19.5kgCO ₂ e

¹ Carbon dioxide equivalent in kilogramme.

	UK and Offshore	Global (excluding UK and Offshore)	Total (Focusrite plc)
Emissions from combustion of gas (Scope 1) – tCO ₂ e	114.82	0.00	114.82
Emissions from combustion of fuel for transport purposes (Scope 1) – tCO ₂ e	5.25	11.82	17.07
Fugitive emissions from refrigerant leakages (Scope 1) – tCO ₂ e	77.88	0.00	77.88
Total Scope 1 emissions Emissions from activities for which the company own or control including combustion of fuel and operation of facilities – tCO ₂ e	197.95	11.82	209.77
Total Scope 2 emissions Emissions from purchase of electricity, heat, steam and cooling purchased for own use (location based) – tCO ₂ e	103.37	45.94	149.30
Total gross Scope 1 and Scope 2 emissions tCO ₂ e	301.32	57.75	359.07
Other indirect emissions (Scope 3) Emissions from business travel in rental cars or employee-owned vehicles where company is responsible for purchasing the fuel – tCO ₂ e	17.13	0.00	17.13
Total gross Scope 1, 2 and 3 emissions tCO ₂ e	318.45	57.75	376.20
Intensity metric (gross emissions) tCO ₂ e per £m turnover	2.89 (Focusrite plc)		
Total energy consumption kWh	1,143,448.30	203,094.87	1,346,543.17

Mapping our carbon footprint

Under the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon) Regulations 2018, we are required to report the greenhouse gases ('GHG') emissions from natural gas, electricity, transport fuel and fugitive emissions. Additionally, the use of an intensity ratio is required under the Streamlined Energy and Carbon Reporting ('SECR'). To meet this, we have worked closely with McGrady Clarke Group Limited to provide third-party verification and calculations using the latest emissions factors.

The SECR reporting period covers Focusrite plc's business units, Focusrite, ADAM Audio and Martin Audio, from the 1 September 2019 to 31 August 2020 and our calculations are for the following Scopes:

- Building-related energy – natural gas (Scope 1), refrigerant leakage (Scope 1) and purchased electricity usage (Scope 2).
- Transportation – Company-owned vehicles (Scope 1) and grey fleet employee vehicles (Scope 3).

Calculation methodology

Our footprint has been calculated in accordance with the 'GHG Protocol Corporate Accounting and Reporting Standard' and in line with Defra's 'Environmental reporting guidelines: including Streamlined Energy and Carbon Reporting Requirements'. The latest 2020 emission conversion factors developed by Defra, the IEA, the US EPA and HK Electric (2019) conversion factors have been used. We have used the operational control approach.

Reported emissions from Martin Audio were calculated based upon the length of ownership by Focusrite plc following acquisition in December 2020 and associated emissions are for the period from 1 January 2020 to 31 August 2020.

Energy efficiency measures

We are now looking forwards at opportunities to reduce emissions and improve energy consumption across all locations while simultaneously improving data capture procedures. As FY20 has been our first year of SECR we will report on progress annually against this baseline along with key initiatives.