

# Limiting our environmental impact

This section includes our Streamlined Energy and Carbon Reporting (SECR). Although the Company is not subject to the laws of England and Wales, this report has been prepared in line with the relevant English legislation as set out below. The reporting period is Syncona's financial year, the 12 months to 31 March 2021.

### Our footprint

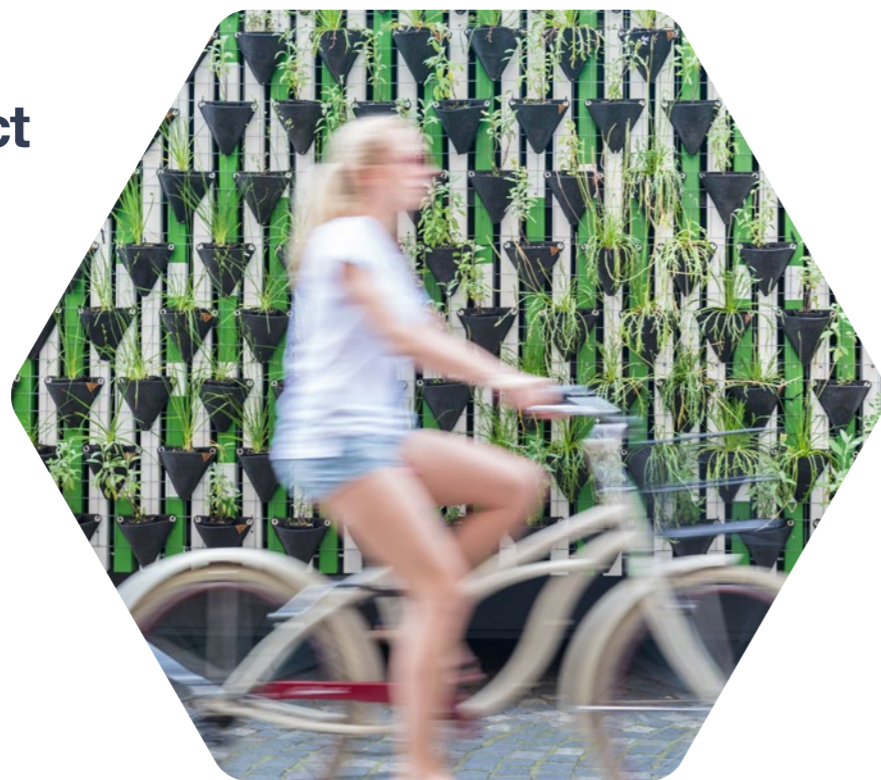
Given the relatively small nature of our operations, with one office location and around 30 employees, our environmental impacts are relatively small. Our clearest direct impact (Scope 1 and 2) comes from the energy we use in our building, which is 100 per cent powered by green energy, generated from wind and hydro asset sources. Our office space also has a zero to landfill waste policy (Scope 3), with the building recycling approximately 60 per cent of waste, with the remainder undergoing heat recovery to produce energy which heats homes and water.

Within our extended Scope 3 environmental impacts, historically our largest impact has been business travel, in particular business flights. These form an important part of the work we do given the location of some of our portfolio companies in which we have extensive involvement and given the global nature of the life science industry. Understandably, during the COVID-19 pandemic there has been a significant reduction in this kind of travel, with this consequently leading to a reduction in our Scope 3 emissions in the financial year. In FY2021/2, we aim to set targets to reduce our Scope 1, 2 and 3 emissions as currently reported (which excludes any emissions relating to our portfolio companies) from our baseline year of FY2019/20.

### Methodology

We have employed the services of a specialist adviser, Anthesis, to quantify and verify the greenhouse gas (GHG) emissions associated with the Company's operations.

The FY2020/1 SECR location-based footprint is equivalent to 17.5 tCO<sub>2</sub>e, with the largest portion being made up of emissions from purchased electricity at 10 tCO<sub>2</sub>e.



Anthesis has calculated our greenhouse gas emissions estimates to cover all material sources of emissions for which Syncona Limited is responsible. The methodology used was that of the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (revised edition, 2015). Responsibility for emissions sources was determined using the operational control approach. All emissions sources specified under The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 are included. Natural gas and water consumption data were not available so pro-rata extrapolation was adopted using the figures from the FY2019/20 reporting year. Syncona does not have any overseas offices, therefore the emissions are UK based only.

Raw data in the form of meter readings and spreadsheets were collected from Syncona by Anthesis. Energy was converted to greenhouse gas estimates using the UK Government's GHG Conversion Factors for Company Reporting 2020.

The emissions sources that constitute our boundary for the year to 31 March 2021 are:

- Scope 1: natural gas combustion within boilers;
- Scope 2: purchased electricity and heat consumption for our own use; and

- Scope 3: business travel, waste generation, the supply and treatment of water, employee commuting, electricity transmission and distribution and WTT emissions associated with extracting, refining and transportation of raw fuel to vehicle/asset/process. We do not classify portfolio company emissions as being Scope 3.

### Absolute emissions

The total Scope 1, 2 and 3 GHG emissions from the Company's operations in the year ending 31 March 2021 were:

- 17.5 tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e) using a 'location-based' emission factor methodology for relevant emissions;
- 6.3 tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e) using a 'market-based' emission factor methodology for relevant emissions.

### Total energy use

The total energy use for the Company for FY2020/1 was 61,896 kWh.

### Intensity ratio

As well as reporting the absolute emissions, the Company's GHG emissions are reported below on the metrics of tonnes of CO<sub>2</sub> equivalent per employee and tonnes of CO<sub>2</sub> equivalent per square foot of the occupied areas. These are the most appropriate metrics given that the majority of emissions result from the operations of Syncona Investment Management Limited and the day-to-day activities of its employees.

# 100%

All electricity supplied to our headquarters at Bloomsbury Plaza, London is generated by wind, solar or hydro renewable schemes

The intensity ratio for occupied space has been calculated using Scope 1 and Scope 2 data only as these are the emissions associated with the office space. The employee intensity metric has been calculated from the emissions for Scope 1, 2 and 3 to give a ratio per employee covering all of the Company activities.

For FY2020/1, the intensity metrics were:

Location-based method:

- 0.6 tonnes of CO<sub>2</sub>e per employee
- 0.002 tonnes of CO<sub>2</sub>e per square foot of occupied space

Market-based method:

- 0.2 tonnes of CO<sub>2</sub>e per employee
- 0.0003 tonnes of CO<sub>2</sub>e per square foot of occupied space

# 60%

Of waste is recycled from our office space

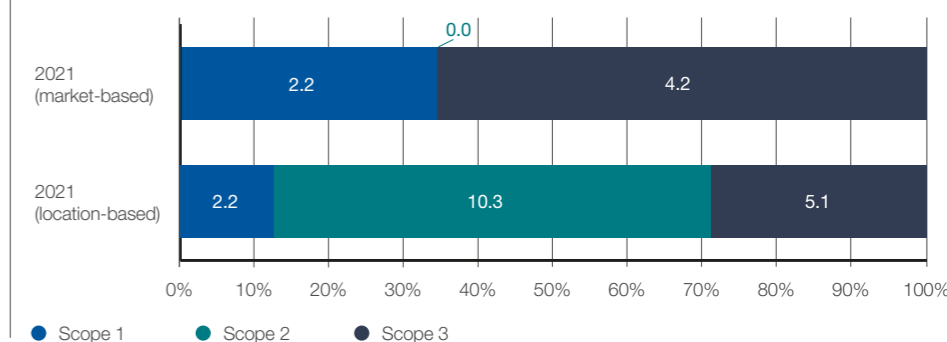
### Energy efficiency action

In January 2021, Syncona had an air quality and temperature survey carried out at the Syncona office which highlighted that the AHUs are operating correctly. The survey also identified some periods in the week when temperature levels on Syncona's floor increased above

26 degrees, typically between Tuesdays and Fridays, and it was recommended that local control systems are reviewed.

The electricity supplied to the Syncona office in London by Total Gas & Power Ltd was 100 per cent generated by wind, solar or hydro renewable schemes as accredited by Ofgem, from October 2020.

### Syncona's Breakdown of emissions by scope



Reporting year	UK	
	April 2020 – March 2021	April 2019 – March 2020
Energy consumption used to calculate emissions (kWh)	61,896	68,174 (excluding Scope 3)*
Emissions from combustion of gas (Scope 1) (tCO <sub>2</sub> e)	2.2	2.2
Emissions from purchased electricity (Scope 2) (tCO <sub>2</sub> e) (location-based)	10.3	14.4
Emissions from purchased electricity (Scope 2) (tCO <sub>2</sub> e) (market-based)	0.0	0.0
Emissions from business travel in rental cars or employee-owned vehicles where Company is responsible for purchasing the fuel (Scope 3) (tCO <sub>2</sub> e)	0.7	0.0
Emissions from employee business travel via air, taxi and rail (tCO <sub>2</sub> e) (Scope 3) (tCO <sub>2</sub> e)	0.2	174.8
Emissions from employee commuting (Scope 3) (tCO <sub>2</sub> e)	0.6	7.2
Emissions from the supply and treatment of water (Scope 3) (tCO <sub>2</sub> e)	0.2	0.2
Emissions from waste disposal (Scope 3) (tCO <sub>2</sub> e)	0.3	0.3
Emissions from fuel and energy related activity (WTT and T&D) (Scope 3) (tCO <sub>2</sub> e) (location-based)**	3.1	23.1
Emissions from fuel and energy related activity (WTT and T&D) (Scope 3) (tCO <sub>2</sub> e) (market-based)**	2.2	21.9
<b>Total gross Scope 1, 2 and 3 emissions (tCO<sub>2</sub>e) (location-based)</b>	<b>17.5</b>	<b>223.1</b>
<b>Total gross Scope 1, 2 and 3 emissions (tCO<sub>2</sub>e) (market-based)</b>	<b>6.3</b>	<b>207.5</b>
Intensity ratio: tCO <sub>2</sub> e gross figure per FTE (location-based)	0.6	8.6
Intensity ratio: tCO <sub>2</sub> e gross figure per FTE (market-based)	0.2	0.8
Intensity ratio: tCO <sub>2</sub> e per square foot of floor area (location-based)***	0.0019	0.0025
Intensity ratio: tCO <sub>2</sub> e per square foot of floor area (market-based)***	0.0003	0.0003

Notes:

\* The total energy consumption (kWh) for the 2019/20 reporting year was unknown but totalled 68,174 kWh excluding Scope 3 emissions

\*\* WTT = Well to Tank, T&D = Transmission and Distribution

\*\*\* The emissions for this intensity ratio only include those from electricity generation, WTT and T&D and natural gas combustion and WTT