



CARBON EMISSIONS REPORT

2022-23



CARBON REDUCTION PROJECTS COMPLETED



Solar PV panels installed at Bryngarw House and Country Park, B-Leaf and Pencoed Library.



All-terrain vehicle used at Bryngarw Country Park replaced with electric model.



Fluorescent lighting within Bryngarw's visitor centre and café updated with LEDs.



Upgrade to sensor taps in toilets at Grand Pavilion, Bryngarw House, Bryngarw visitor centre and Blaengarw Workmen's Hall.



Launch of staff salary-sacrifice schemes for bicycles and electric vehicles.

AREAS OF REPORTING

Gas

Electricity

Water

Diesel

Petrol

Business travel

Commuting

Homeworking

Waste recycling

Waste to landfill

Supply chain emissions

CARBON FOOTPRINT FOR EACH REPORTING CATEGORY

SCOPE

1

(Natural gas, diesel vehicles, petrol equipment)

240.7 TONNES CO₂e

SCOPE

2

(Electricity)

131 TONNES CO₂e

SCOPE

3

(Water, business travel, commuting, homeworking, waste, recycling and supply chain)

1166.9 TONNES CO₂e



TOTAL CARBON EMISSIONS IN 2022-23



1,320
TONNES CO₂e

A REDUCTION OF 9%
on 2019-20 figures*

Awen has made a commitment to calculate its carbon (CO₂e) footprint year-on-year and reduce emissions to the lowest practical level.

*Last full year not disrupted by pandemic.

** Total reduced by 218 tonnes CO₂e due to the active management of woodlands at Bryngarw Country Park.

UTILITIES

In 2023-24 and 2024-25, Awen will focus on reducing its utilities-related CO₂ emissions - heating, lighting and water.



CARBON REDUCTION PROJECTS PLANNED



Solar PV panels at Betws Life Centre, the Met in Abertillery, Awel-y-Môr community centre in Porthcawl and Blaengarw Workmen's Hall.



Water meter telemetry at Bryngarw.



LED installations at Aberkenfig Library, Awel y Môr community centre, Betws Life Centre, Blaengarw Workmen's Hall, Bryngarw House and visitor centre, and the Met.



Full building management system control at Y Muni in Pontypridd, Maesteg Town Hall, Bryngarw House and Grand Pavilion.



Improved roof insulation to various buildings.



Replacement of library vehicles with electric models.