

# Merthyr Tydfil CBC's Decarbonisation Update



Since 2019/2020; Merthyr Tydfil CBC has reduced its' overall carbon emissions on buildings, street lighting, business travel and land use by **27%**

## Solar Power:

We have installed **1,900** solar panels on our buildings, equating to a lifetime saving of approximately **1265 tCO2e / £1,863,364**



## LED Lighting:

We have upgraded approximately **6,900** light fittings to LED, saving **£96,000 per annum**

We have targets for all of our buildings to have LED lighting by **2030**



## Energy Efficiency:

MTCBC are now registered with the Energy Efficiency Association



## Fleet:

In the past 12 months; we have replaced **6 vehicles** with EVs in our Parking; Recycling and IT departments; with **a further 8 vehicles** expected to be delivered in (2023).



We will have **38 charging points** by March 2023 providing charging infrastructure for around 75 vehicles.

The Council currently has 3 sweeper vehicles; and plans are being developed to replace these with electric vehicles by **2028**.

## Biodiversity:



**16** grassland sites throughout the County Borough are now being managed by our new 'cut and collect' machines. This means **4.5 hectares** of grassland are now being managed purely for biodiversity (that's the equivalent of about 8 football fields).

## Net Zero:

We are currently developing the council's first Net Zero Carbon plan.



## Carbon Literacy:

We are proud to announce that Merthyr Tydfil County Borough Council has achieved its **Bronze Carbon Literacy Award**



## Waste:

The percentage of waste recycled in Merthyr Tydfil during 2021/22 was **67%**



## Street Lighting:



We have fitted approximately **7,504 units** of LED street lighting. Resulting in a saving of street lighting energy use of 74%

We are changing our traffic signals; pelican crossings; and toucan crossings to LED lamps, which will save even more energy.

