

**Bron Afon**



# Decarbonisation of our Homes



## What does Decarbonisation Mean?

For Bron Afon, Decarbonisation of Homes is a crucial action to help tackle Climate Change. It is, in simplest terms, the reduction of carbon dioxide emissions from homes, through making homes use and waste less energy while continuing to provide a healthy living environment for our customers. It is a challenging climate change action that Bron Afon, as a Registered Social Landlord, is working on to help Wales and the UK achieve 'Net Zero'.

## What is Climate Change?

Climate change is the process of our planet heating up, it is also called global warming. The changing climate is causing our weather to become more extreme and unpredictable. Human activity has caused huge amounts of harmful gases being released into the atmosphere causing global temperatures to rise, this is also known as the greenhouse effect. The main causes of climate change are burning fossil fuels, intensive farming, and deforestation.

## What are Bron Afon doing?

We believe decarbonisation of homes have to benefit our customers fairly and has to be justifiable and sustainable. We are working to improve the fabric of our homes, gradually making the homes more energy efficient to run. Where possible, also seek to introduce source of renewable energy for our customers, such as solar PVs, which help remove the need for fossil fuel energy as well as alleviating impact on their energy bills.

We are working to raise awareness of climate change and the need to decarbonise our homes, which we believe will lead to a combined effort to tackle the Climate Emergency. We need support from our customers to help us achieve and sustain a reduction of carbon dioxide emissions from our housing stocks, while ensuring that the homes continue to provide healthy living space for our customers.

## What are Home Decarbonisation Measures?

Home decarbonisation measures are new technologies that can be installed in homes to reduce the amount of carbon emissions emitted such as Infrared heating, solar panels and heat pumps.

For more information on our projects and decarb works that Bron Afon are doing visit:

[www.bronafon.org.uk/sustainability/](http://www.bronafon.org.uk/sustainability/)