

## Wales Climate Week Special

At Menter Môn, we're proud that enhancing the environment is one of our main values. We are determined to boost the economy in line with the environment, providing opportunities for young people and securing benefits for communities and businesses. Here's a quick overview of how we do this:

### We invest in local renewable energy

One of our projects is the **Morlais Tidal Stream Energy** scheme, which has the potential to generate up to 240MW of low-carbon clean electricity for up to 180,000 homes.

We're also in the starting phase of developing a new **Hydrogen Hub** in Holyhead, which will explore using hydrogen as a low-carbon alternative fuel for transportation, ultimately aiming to reduce air pollution. We also have **solar panels** on our Morlais substation, which is already generating electricity for the grid!



### We research biodiversity and actively find ways to learn more

Our Marine Characterisation Research Project monitors the behaviour patterns of wildlife in the Morlais zone. This is the area where tidal energy turbines will be deployed to generate electricity.

From this research, we will make sure **marine birds and mammals are safeguarded** – using technology such as 'audio deterrents' to create underwater noise systems to steer wildlife away from the turbines. We've already conducted lots of research to improve our understanding, which will ultimately be used for similar tidal energy projects across the world.

### We develop local food supply chains

Almost **50% of the food in the UK is imported**, so growing and producing local food helps reduce carbon emissions and supports local businesses.

Through our Larder Cymru scheme, we've collaborated with six local authorities in Wales to **ensure that local produce** is used in schools. We also work with hospitals to ensure that **Welsh food is provided to patients and visitors**.



## We safeguard our native wildlife

We understand that each creature plays a part in the ecosystem. However, some non-native species threaten our wildlife and could make our native species extinct. One of those at risk is the water vole, so we've established a team of people to monitor and control both sides of the Menai river to ensure a **refuge for protected species**.

By doing this work, **we also protect other species within the same ecosystem**, raising awareness of issues.



The water vole, one of the native species we are protecting through our Afonydd Menai scheme.



One of the repair and reuse workshops creating crafts from used materials.

## We help people reuse and recycle

With almost 45% of carbon emissions coming from everyday items, it's essential to reconsider ways to reuse them.

Our new service, Cylchol, finds **ways to help people reuse, repair, and recycle** their equipment by delivering local workshops and repair cafes— where volunteers can help repair everyday items for free— or by Ffiws shared office spaces that have access to high-tech equipment to avoid waste and encourage collaboration.

## We encourage the community to get involved in protecting the environment

The environment belongs to us all, so it's important we all know how to look after it.

Our Cwlwm Seiriol project **encourages the community to get involved to protect their natural environment** and make them feel more confident in managing their local green spaces. The project also promotes individual wellbeing encouraging participants to improve their mental health by taking part in conservation activities.



Members of the community participating in activity to look after their local environment.

## Coming soon....

Over the upcoming weeks, we will be hosting **Ynys Mon's Big Climate Conversation** to raise awareness of the impact that climate change can have on our local communities. Keep an eye on our social media channels for more information.