

What is the **Make it Net Zero** Programme?

From our extensive work with manufacturers, SWMAS noticed a common theme in relation to net zero...businesses don't know where to start, and are daunted by the sheer amount, and complexity, of information out there.

Through practical advice and a series of manageable measures, SWMAS's **Make it Net Zero program enables businesses to overcome the barriers that were preventing them from beginning, or progressing, their net zero journey.**

The program has been designed to simplify 'net zero'...what it means, why it's important, and how it can be achieved. Through a certified approach (recognised by the UN's Race to Net Zero Programme), it offers useful, easy to follow steps for businesses to effectively implement a variety of carbon saving improvements. Each business is assigned a net zero specialist to help them identify and action the necessary short, medium, and long-term changes that will help them reach their net zero goals. As their journey progresses, SWMAS will be available to offer advice and support as and when it's required.

Perrys Recycling is pleased to be certified towards reducing greenhouse emissions and journey to NET ZERO.

[Perrys Recycling](#) is a family run business that provides ethical recycling, shredding, and recycling led waste management solutions for the business and community sector throughout the South West.



Net zero ambitions...

Perrys Recycling has been monitoring and measuring its carbon footprint and recycling for a number of years and has invested heavily in local tree planting and solar systems in both its Bridgwater and Marston Magna depots.

Whilst already demonstrating its environmental commitment, Perrys Recycling was keen to turn its attention to the future and focus on ways to prepare for the strict regulations heading its way (particularly with the governments strict targets on net zero carbon emissions and the phasing out of new petrol and diesel cars and vans being sold by 2035). Through engaging with SWMAS, the management team were able to gain a better understanding of net zero and how the business operations could be broken down, per Scope 1 and 2 initially, to develop a strong carbon reduction plan.




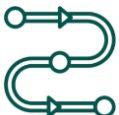


Perry Recycling's net zero journey with SWMAS...

Perry's Recycling approached SWMAS to help the business move forward with its continuous journey towards net zero following some previous efforts in offsetting its carbon footprint. Through some analysis of scope 1 and scope 2 business operations the team were quick to establish that, although their electrical consumption was substantial, they were on a 100% renewable tariff and are currently making huge carbon savings. Continued maintenance of their LED lighting and reviewing data on trends and anomalies may increase this saving in the future.

A large and important factor that Perry's Recycling is moving towards the introduction of an electric fleet for smaller vehicles, and Hydrogen for the larger fleet in the medium to longer term. Also, they are looking at Hydrotreated Vegetable Oil (HVO) instead of diesel to power their forklifts. In the short term, they are assessing whether electrification of forklifts may also be an option (although this has to be balanced with the higher energy demand, return on investment, fire risks and being fit for purpose).

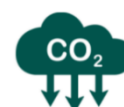
Perry's Recycling also took advantage of a Resource Efficiency Grant, provided by the Heart of the South West (HotSW) Local Enterprise Partnership, which enabled the company to fund the installation of six EV chargers to support its decarbonisation efforts.

The Framework (covering the next 10 years) included the following recommendations:

Short-term	Medium-term	Long-term
<p>Continued procurement of 100% renewable electricity tariff.</p> 	<p>Explore further investment in renewable technologies, such as Solar PV.</p> 	<p>Use high quality and verified offsetting schemes or carbon removal technologies to eradicate residual emissions.</p> 
<p>Explore the use of HVO to potentially replace forklift and heating requirements.</p> 	<p>Begin the data collection process for water within the operation</p> 	<p>Look to source from South-West UK schemes backed by the Woodland Carbon Code.</p> 

Achievements so far...

- ✓ Completed a detailed **Carbon Footprint**, as part of the Carbon AAA initiative*, to understand current business emissions.
- ✓ Developed a company-wide **Sustainability Charter and Framework** covering the next 10 years, with short, medium and long-term actions.
- ✓ Identified potential **Carbon Savings** of **131,301 KG Co2e**** (approx. **131 tonnes** per year) - a 22% reduction on their current footprint.



* **Carbon AAA:** a system of carbon reduction from Network Net Zero which is aligned to the UN Race to Zero initiative.

Make it NET ZERO SUCCESS STORY

**** CO2e:** wider than just carbon dioxide (CO2) emissions, this term is used to describe all of the different greenhouse gases in a common unit.

“SWMAS and all their staff have provided excellent support with our carbon reporting and ongoing guidance on our journey towards NET ZERO pledge objectives. They have also provided a regional networking opportunity for us to meet and discuss data capture within the emissions scopes 1,2,3, carbon emission reductions options with other likeminded companies. Which helps promotes our business recycling, security shredding, waste to energy and carbon reporting services to customers and adds value to our business as an ethical service provider.”

Chris Perry

Managing Director, Perry's Recycling

“Working with Perry's Recycling has thrown up some really interesting challenges, particularly with the governments strict targets on net zero carbon emissions and the phasing out of petrol and diesel cars and vans by 2035. When you are working with a company who own a fleet of HGV vehicles and whose very livelihood depends on them, the need to find a solution moves up the priority list. The effort is driven by MD Chris Perry, who has really embraced MINZ and sees both the carbon and efficiency gains benefits of the programme. Perry's Recycling remain engaged with MINZ and are embarking on its second year using the same method which enables them to track carbon reduction trends and look towards Scope 3.”



Don Parsons

Manufacturing Specialist, SWMAS

This support was delivered by **SWMAS**, through their **Make it Net Zero Programme**, which is part of the **Somerset Energy Innovation Centre (SEIC) Business Assist Programme**, funded by **Somerset County Council**.

