



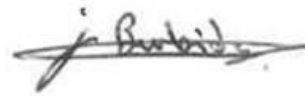
The Archwood effect

Sustainability Report
2024



We want to continue to do our small part in having a positive impact on the environment and our community.

“We have made great progress on our Net Zero journey, reducing our Scope 1 & 2 carbon footprint by 66% versus our baseline year. This is a fantastic achievement but there is still much more work to be done. We have prepared this report to update on our journey so far and what we will be focusing on in the coming years”



JOSH BURBIDGE

Managing Director



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OVERVIEW

Our values - the key areas where we can improve our business

Archwood Group is a family owned, professionally-run leading manufacturer of timber products with two trading brands: Richard Burbidge, a manufacturer and supplier of stairparts, decking accessories and decorative mouldings, and Atkinson & Kirby, a supplier of premium hardwood flooring. Established in 1867, we have been passionate about the design, manufacture and supply of timber products over 150 years. We feel privileged to work with this incredible natural resource every day and will always champion and support sustainable timber sourcing and production.

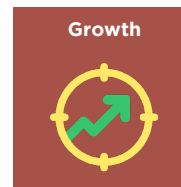
At Archwood, we focus on doing business the right way, championing environmental excellence, being a responsible & empowering employer, leading product & service innovation in our industry and being customer centric in everything that we do. We are a business that cares. We care about the quality of our products, we care about the environment, we care about our people and we care about our community. We are customer centric. We do business the right way and want to ensure the profitable growth of our customers, suppliers and ourselves by providing the best sustainable timber solutions, whilst taking and influencing meaningful action, to deliver social and environmental benefit.



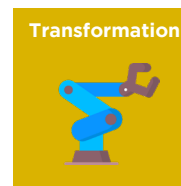
Be customer focused and trustworthy. We support our customers by being reliable and committed to the quality and innovation of our products and services.



Be ethically and environmentally conscious. We ensure the health & safety of our stakeholders, caring about people and the future of the planet.



Be a company that continually delivers returns to all stakeholders. We will drive efficiencies to reduce our costs and drive sales to boost our profits.



Be a leader in our field by continually investing to enhance our business performance. We will improve overall productivity, communications and online interactions throughout the whole group.



Be a flexible and agile business, with a can-do attitude. We are a team and we will support each other to reach our goals.

OVERVIEW

Commitment - we want our business to be environmentally friendly, sustainable and net zero.

As part of Archwood Groups ongoing commitment to sustainability, the business joined the United Nations Race to Zero campaign in November 2021. Race to Zero is the UN-backed global campaign rallying businesses to take rigorous and immediate action to halve global emissions by 2030 and deliver a healthier, fairer zero carbon world.

As part of our Net Zero pledge we have committed to:

- * Halve our greenhouse gas emissions by 2030
- * Achieve Net Zero emissions before 2050
- * Disclose our progress on a yearly basis

As a business, it is critical that we measure our own impact on the environment. Working with Planet Mark, who support us with measuring and validating our carbon footprint, we have created a clear picture of all our environmental impacts. This has allowed us to develop a carbon reduction plan, identifying ways to take rigorous and immediate action to halve our carbon footprint by 2030 and achieve Net Zero by no later than 2050.

We believe that every business has a responsibility to drive change and that together, it will be these changes that have the potential to have a big impact globally. At Archwood we pledge to make our contribution towards a more sustainable future by committing to achieve Net Zero by no later than 2050. We have written this report to share our progress to date and to ensure that we continue to deliver on our promise to give our customers the most eco-friendly and sustainable selection of timber products.

TIME LINE TO NET ZERO



OVERVIEW

Our baseline carbon footprint

Having confirmed our baseline carbon footprint for our financial year ending September 2021 we have proceeded to take action to reduce our emissions.

The extent of our carbon footprint assessment includes full Scope 1 & 2 emissions impact and the emissions impact included in the below Scope 3 categories.

Our Scope 3 carbon footprint assessment represents 95% of total spend which includes the emissions impact of all factored goods and timber raw material suppliers, including the upstream and downstream transportation of all timber and timer products.

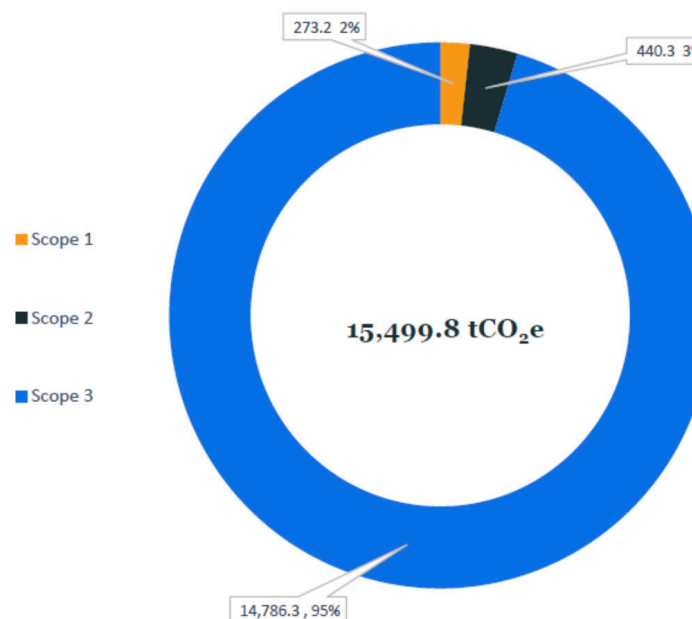
We will share our progress to date within this report.

Baseline Carbon Footprint – FY 2020/21

Total carbon footprint.

Scope	Category	Emissions (tCO ₂ e)	Proportion of total footprint
Scope 1	N/A	273.2	1.8%
Scope 2	Location-based	440.3	2.8%
	Market-based	610.4	
Scope 3	1. Purchased goods and services	5,491.4	35.4%
	2. Capital goods	N/A	N/A
	3. Fuel and energy related activities	39.1	0.3%
	4. Upstream transportation and distribution	8,921.2	57.6%
	5. Waste	37.0	0.2%
	6. Business travel	15.5	0.1%
	7. Employee commuting	N/A	N/A
	8. Upstream leased assets	N/A	N/A
	9. Downstream transportation and distribution	282.2	1.8%
	10. Processing of sold products	N/A	N/A
	11. Use of sold products	N/A	N/A
	12. End-of-life treatment of sold products	N/A	N/A
	13. Downstream leased assets	N/A	N/A
	14. Franchises	N/A	N/A
	15. Investments	N/A	N/A
Total scope 3		14,786.3	95.4%
Total scope 1,2,&3 (location-based)		15,499.8	
Total scope 1,2,&3 (market-based)		15,669.9	

Total scope 1, 2, and 3 carbon footprint for year ending 2021, tCO₂e



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

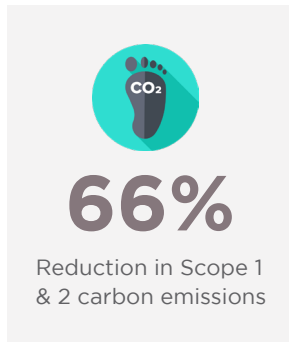
OUR PROGRESS

Making a difference - our carbon footprint

We have made great progress on our Net Zero journey and over the last 3 years we have reduced our Scope 1 & 2 carbon footprint by 66%.

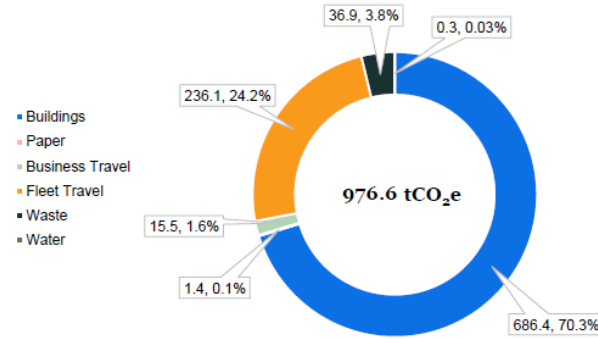
This has largely been achieved by focusing on energy and the emissions impact of our site's operation. Notably, the installation of a 1MW Solar PV system generating 40-50% of our energy requirement, switching to 100% renewable energy for the remainder of our requirement, upgrading our FLT fleet to zero emissions trucks, reviewing site layout, extraction and machine efficiency have contributed significantly to the total reduction to date.

This year we achieved Planet Mark certification for the fourth consecutive year. Working with Planet Mark ensures that we have a clear picture of all our environmental impacts and ensures transparency by having independent measurement and verification of our carbon emissions.

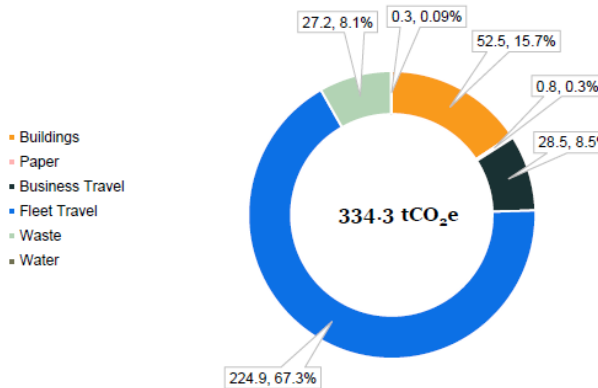



66%
Reduction in Scope 1 & 2 carbon emissions

Carbon footprint by emission source for year ending 2021, tCO₂e




Carbon footprint by emission source for year ending 2023, tCO₂e

We are Planet Mark Certified

Year 4.



This is to certify that Archwood Limited has achieved the Planet Mark by reporting its carbon footprint and engaging its stakeholders.

Valid to: 31 December 2025

Measure

-18.3%
Absolute carbon reduction
Market-based Scope 1 and 2.

-23.5%
Carbon reduction per employee
Market-based Scope 1 and 2.

Market-based

264.8 tCO₂e
Measured carbon footprint.

2.4 tCO₂e
Measured carbon footprint per employee.

Location-based

485.1 tCO₂e
Measured carbon footprint.

4.4 tCO₂e
Measured carbon footprint per employee.

We are committed to reducing our carbon emissions yearly so that together we can all halt climate change.

Reporting Boundary: Chirk and Livingston Sites

Emission Sources: Electricity, LPG, Transmission and Distribution Losses, Business Travel, Fleet Travel, Homeworking (not included in total footprint), Paper, Waste, Water

Reporting Period: 01 Oct 2023 to 30 Sep 2024

Engage

110
FTE employees.
We engage our employees and wider stakeholders to unlock their talent and knowledge to drive year on year progress in sustainability.

Communicate

9
Sustainable Development Goals.
We recognise that transparent communication is essential for transformational change, and we quantitatively contribute to 9 SDGs.

planetmark.com The Planet Mark theplanetmark

OUR PROGRESS

Making a difference - our carbon footprint continued

This year we have reassessed our Scope 3 carbon footprint. This is an activity we complete on a 2 yearly basis.

Many companies only report on their Scope 1 & 2 emissions, but we want to be as transparent as possible by measuring and reporting our full direct emissions and the indirect emissions impact along the value chain which includes the transportation from timber source to supplier, to Archwood and onto our end customer.

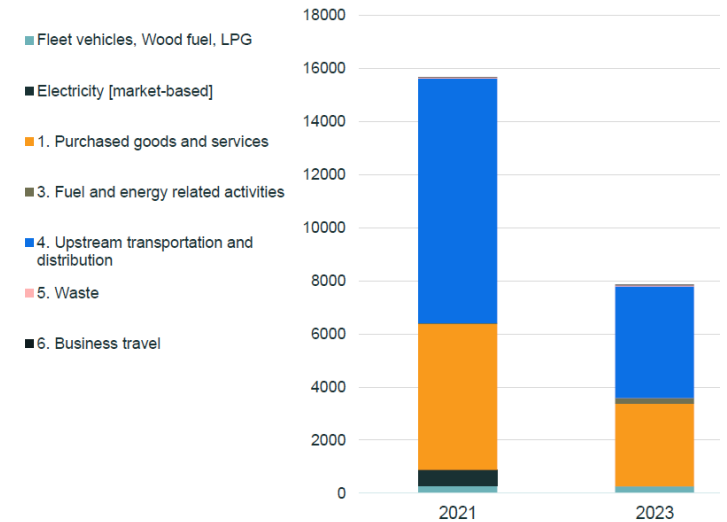
Comparing the 2 reporting periods, we have achieved a considerable 46.8% reduction in total emissions. Scope 3 figures can be significantly distorted by changes in activity data such as supplier spend, total output, raw material volumes etc.

A more tangible figure to represent our total reduction to date is that we have achieved a 17% reduction in emissions for every cubic meter of timber we produce.

Total carbon footprint. Market-based comparison.

Scope	Source category	2021	2023	Change
Scope 1	Fleet vehicles, Wood fuel, LPG	273.2	256.9	-6.0%
Scope 2	Electricity [market-based]	610.4	0.0	-100.0%
Scope 3	1. Purchased goods and services	5,491.4	3,114.9	-43.3%
	3. Fuel and energy related activities	39.1	216.0	452.5%
	4. Upstream transportation and distribution	9,203.4	4,207.1	-54.3%
	5. Waste	37	27.4	-25.9%
	6. Business travel	15.5	38.9	151.0%
	Total		15,669.90	7,861.2

Carbon footprint by category for YE 2021 and YE 2023, tCO₂e



OUR PROGRESS

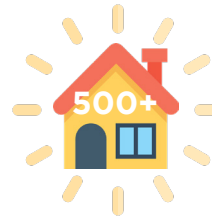
Making a difference - energy

We recently passed 2 years since the commissioning of 2,600 solar panels at our North Wales factory. The installation has been a fantastic success story and is a great example of how businesses can reduce their carbon footprint whilst reducing energy costs. Our system, since switch on has exceeded the expected generation and generates circa 40% of our annual power requirement. To date, the system has saved 1,450 tonnes of CO2 emissions, the equivalent of planting 807 trees whilst we have also exported over 500,000 kwh of clean renewable energy back into the national grid.

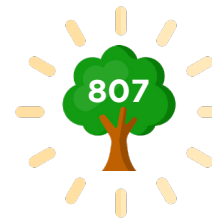
As part of our commitment to being powered by 100% renewable energy, this year we transitioned into a Power Purchase Agreement (PPA) as part of a consortium with our energy partner Sustainable Energy First (SE First). Advancing on 2 years of 100% REGO sustainable energy supply, we have committed to a long-term agreement that will see a supply of renewable energy from a variety of independent solar, wind, hydro sources up and down the UK. This will see a further source of deep green energy as part of our journey towards Net Zero and will support new renewable energy infrastructure as part of the UK's clean green energy transition.



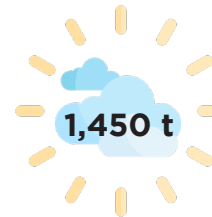
Our solar panels have generated more than 1,500,000 kwh since they were installed 2 years ago



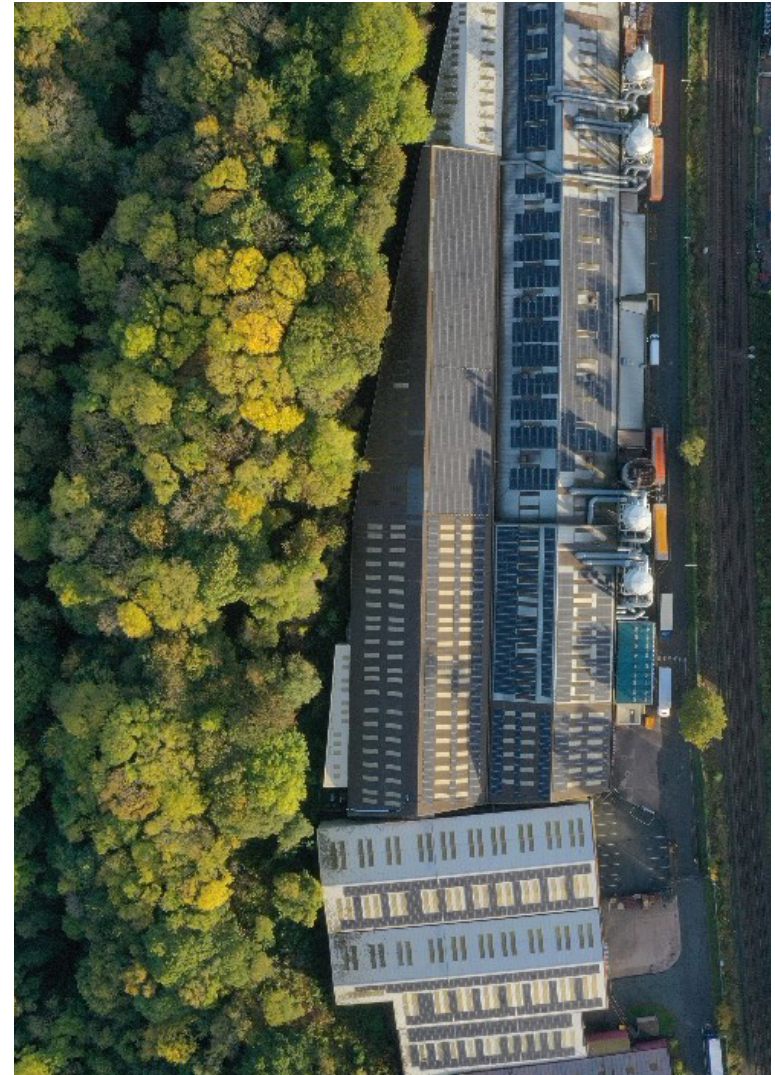
Enough to power more than 500 homes for a year



Equivalent to planting 807 trees



Saving 1,450 tonnes of carbon emissions



OUR PROGRESS

Making a difference - supply chain & sustainable timber

SUPPLY CHAIN



Our Operations team recently travelled to North Sweden to meet with a trusted supplier who has been providing us with high quality pine for over 25 years, essential for our manufacturing facility. With significant investments in onsite renewable infrastructure, the use of rail freight for the transportation of logs between mills and impressive waste recovery and recycling operations, we are delighted and inspired to see another trusted partner who is stepping up and taking sustainability seriously.

Scope 3 / supply chain emissions represents 95% of our total carbon footprint and working with our suppliers in a collaborative manner will be key in meeting our reduction targets. We continue to engage and communicate significantly with our supply chain and are actively working with suppliers to support them in the development of their own documented carbon reduction plans.

TIMBER SUPPLIERS

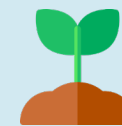


All Archwood Group products are made with sustainable timber, which can last a lifetime when properly maintained. Timber is a renewable and natural material that when harvested locks away CO2. Ongoing, all new Archwood timber products will be FSC and/ or PEFC-certified, which ensures the timber is harvested with sustainable forest management. We are working with our customers and suppliers to ensure that by 2027 100% of our timber products are FSC and/or PEFC certified. Today, 98 % of the timber we use is FSC or PEFC certified.



SUSTAINABLE TIMBER

98% OF THE TIMBER WE USE IS FSC OR PEFC CERTIFIED



OUR PROGRESS

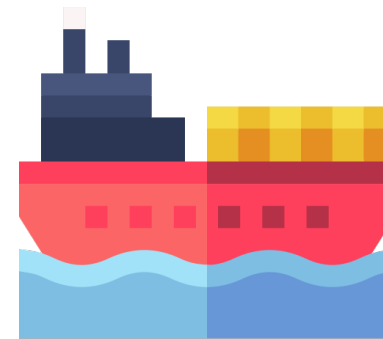
Making a difference - transportation & distribution

TRANSPORTATION

We have committed to decarbonise our HGV fleet by 2030 and this is something we will actively pursue over the coming years. Over the last few years, we have undertaken a HGV drivers training programme to ensure driving behaviours are as fuel efficient as possible. The recent addition of a 22kwh fast charger will support the replacement of our diesel-powered vans to electric whilst we assess our current HGV fleet with a view to decarbonising through HVO fuelling.



Our Fork Lift Truck fleet has been renewed and consolidated from 30 diesel or LPG powered trucks to a total of 20 new trucks, of which 19 are zero emissions electric trucks with one remaining diesel powered truck. This has significantly reduced emissions whilst making our factory and storage facilities a cleaner and quieter working environment.

DISTRIBUTION PARTNERS

Our global distribution partners are accelerating their net zero targets and expanding their scope to cover all emissions. They are working towards a 50% reduction in emission per container by 2030 and achieve Net Zero by 2040.



Accelerated net zero target to 2040

OUR PROGRESS

Making a difference - commuting, waste & recycling

COMMUTING & EV INFRASTRUCTURE



We've increased the number of our free to use EV charging points at our HQ car park from 7 to 12.

This year we have added four additional 7kwh chargers and a 22kwh fast charger to support the replacement of our diesel-powered vans to electric.

We have also launched a new salary sacrifice scheme with Octopus Electric Vehicles to support our employees make the transition over to electric vehicles. We now have 10% of our workforce who have made the switch to full electric vehicles or hybrids.

WASTE & RECYCLING



100% of our wood waste is recycled and repurposed into material for animal bedding, cat litter and panel board. This also fuels our sites boilers providing hot water and heating in the winter months.

We have successfully reduced our waste by 40% over the last 3 years, totalling 96 tonnes – equivalent to four full bin wagons!



We've reduced our office and factory waste by 40% over the last 3 years



That's 96 tonnes or the equivalent to 4 bin lorries



And none of our waste goes to landfill

OUR PEOPLE

Making a difference - supporting our community

COMMUNITY

First Responders



Archwood Group has continued to support the West Midlands Ambulance Services' Community First Responders throughout 2024. The volunteer network was nominated by Shawn Ellis, who has worked for Archwood Group since 2007. Shawn has been volunteering for over nine years and is one of seven volunteers who support the service in the local area by responding to a variety of calls. We have held numerous fundraising activities, treasure maps, raffles, employee pool / dart tournaments throughout the year raising £1,695 in the process.

SCHOOL ENGAGEMENT

Mentoring



Supported local schools with training and mock interview sessions throughout the year. We supported Year 10 progress and mentoring interviews at Ysgol y Grango in June and received great feedback from the school following this event: "The Headteacher and pupils were thrilled with the outcomes of the morning and valued your encouragement and support. These types of mentoring/ progress interviews benefit young people in terms of developing their confidence, communication skills and awareness of the world of work."

LOCAL CHARITIES

Supporting 'Your Space'



We have supported local autism charity 'Your Space' towards their annual Summer Fete at Chirk AAA's Club on Sunday 9th June 2024. Your Space (Marches) Ltd is a small charity (Number 1153848) with a big reach across Wrexham, Flintshire, Denbighshire and Shropshire that supports children with Autistic Spectrum Conditions and their families."

CHIRK FC U-10s

Sponsorship



We are delighted to sponsor the talented Chirk youth Football club Under 10s team. Huge congratulations to the boys for their tournament win at Rhydymwyn and an outstanding season. We are super proud of their achievements. Well done boys!

GIRL GUIDES

Wood for the Brownies



Our donation of wood to the 2nd Bistre Brownies in Buckley was a hit! The girls really enjoyed learning about tools, safety equipment and teamwork during this DIY activity. Girlguiding, a volunteer-led charity, brings together girls ages 7-10 each week for fun and educational experiences like these.

OUR PLANET

Making a difference - celebrating our success

On November 22nd, we celebrated a truly special milestone as we proudly received a King's Award for Enterprise in Sustainable Development 2024.

The prestigious accolade was presented by the Lord-Lieutenant of Clwyd, Henry George Fetherstonhaugh OBE, at a ceremony at the company's headquarters in Chirk, North Wales. Local dignitaries, including the mayor and councillors, were in attendance to celebrate our commitment to sustainability.

We are thrilled to be the only Welsh business to be recognised for our sustainable development efforts, marking a significant milestone in the storied legacy of our fifth-generation family business.

To read our feature article in the official Kings Award for Enterprise Magazine click here.
<https://online.flippingbook.com/view/184192856/117/>



Archwood Group Presented with King's Award for Enterprise in Sustainable Development 2024.
Richard Burbidge 370 subscribers





“We want to do our part in having a positive impact on the environment and our community. Each and every one of us plays an important role in our sustainability commitments.”

Josh Burbidge



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