

Decarbonisation Plan

2024



Welcome

Hello and welcome,

I'm proud to present Aquaterra Energy's 2024 Decarbonisation Report, showcasing another year of focused action and strategic progress. This year, we continued to embed sustainability throughout our operations—delivering cutting-edge offshore solutions, expanding our involvement in the energy transition, and deepening our commitment to a lower-carbon future.

Since our first year of reporting in 2020, we've made measurable strides in reducing our Scope 1 and 2 emissions. We've also set up systems to generate more comprehensive data, improving its quality while maintaining the transparency we committed to at the outset. In 2025, we aim to continue this journey by providing training to our key personnel on the requirements of ISO 14064-1.

We have continued to deliver against our commitments, from maintaining our zero-to-landfill status to embedding our proprietary carbon calculator across all major project phases. Notably, we used it to support FEED studies for offshore energy developments in the Gulf of Mexico and West Africa, helping our clients meet their own decarbonisation commitments.

While emissions from certain activities rose, particularly in Scope 3, this reflects both project volume and business growth. By placing carbon impact assessment at the heart of our delivery model, we remain committed to mitigating these increases through smarter operations, efficient logistics, and sustainable design.

As we move into 2025, our decarbonisation ambitions remain unchanged—grounded in data, shaped by collaboration, and propelled by innovation.



Simon Hatson

QHSE and Sustainability
Director

Our steps towards decarbonisation so far



We are continuing to align with REGO certification for all our UK sites



Launch of Carbon Calculator within our platforms projects to help our clients understand the potential / actual carbon impacts within their project scope



Inclusion of carbon calculations in all company tenders to support our clients in their own commitments to decarbonisation



Amendment to our Business Travel Policy to include the consideration of Carbon intensity to our selection of travel



Transitioned 50% of our fork lift trucks to electric



Elimination of one-use plastic cups in our offices



Published our Sustainable Logistics Policy and embedded it in our day-to-day operations



Achieved zero to landfill for all wastes produced within our UK facilities



Established a range of Sustainability Policies and associated procedures across our organisations, directly linked to our established key Scope 3 emissions, namely Travel, Logistics and Procurement.

Upcoming - 2025/2026



Zero plastic achievement across our offices cups vs glasses



Continue to explore opportunities to transition the remaining 50% of our FLT's to electric

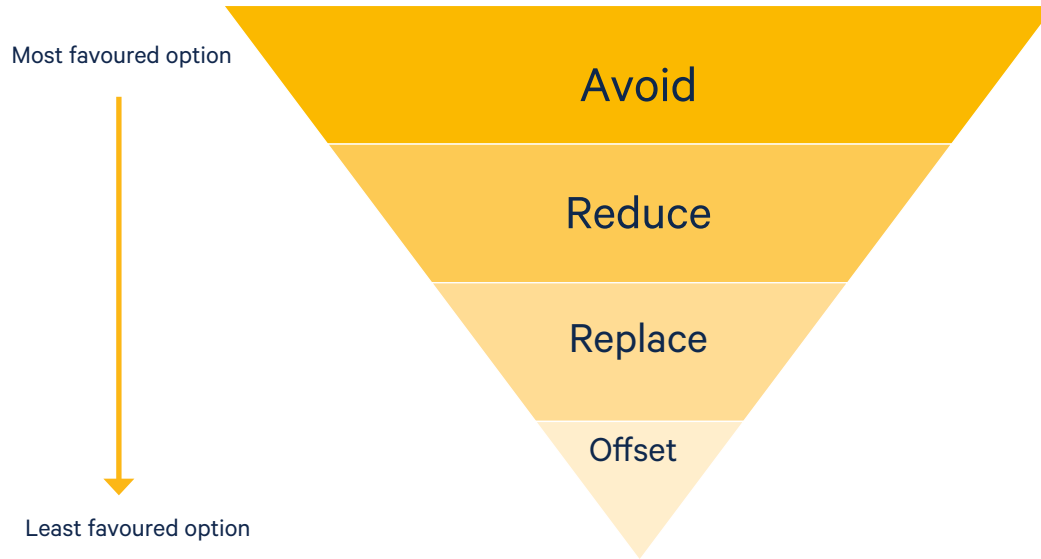


Provide training for key personnel in the requirements of ISO14064-1

Our Philosophy

At Aquaterra Energy, our responsibility is to ensure that we decarbonise our operations in the most effective manner possible.

By utilising the carbon hierarchy, we have actively sought to ensure that we follow the most favored options to reduce our emissions wherever possible rather than purely rely on offsetting as a solution. Our primary focus is to take the necessary steps to avoid carbon-intensive activities in the first instance, introduce both technical and operational efficiencies into our designs and delivery processes, promoting a consistent culture of reuse and replacement throughout our operations.



- Avoid carbon intensive activities and actions
- Undertake activities with improved efficiency, reuse and reduction
- Replace high carbon activities or sources with low carbon solutions
- Offset or sequester emissions that cannot be eliminated by the above

Avoid

Where possible, we seek to avoid carbon intensive operations. Key to our progress is the elimination of unnecessary shipping and air freight within our projects through the identification and qualification of our in-country supply chain.

Reduce

Where possible, we seek to reduce our global emissions. For example, by reducing the amount of raw material that is used within our product designs, by reducing the need for overseas travel and by engaging with local, in-country resources. We have also introduced hybrid working which has helped to reduce employee commuting emissions.

Replace

We actively seek out opportunities to replace elements of our infrastructure (i.e., heating and lighting) to provide improvements within our scope 1 & 2 emissions. We also challenge our scope 3 emissions wherever possible, for example, via the introduction of schemes to support our workforce in sourcing less CO₂e intensive methods of commuting.

Continue to Offset

We will consider offsetting as an option, however our focus in 2024 and onwards is to continue to identify, challenge, amend and drive down our emissions wherever practicable. Where we do offset, we will continue to support projects that help reduce global carbon emissions and promote climate action in regions that are key to our global energy transition strategy.

Our Emission Targets

In our decarbonisation efforts, we are committed to maintaining transparency regarding our carbon emissions and their associated sources. Wherever possible, we proactively identify and implement carbon savings opportunities within our project delivery framework. This includes strategically planning our fabrication activities to minimise the transportation of assets to their contracted end locations and engaging with suppliers who support these initiatives.

However, due to the varying nature of our projects, our annual carbon emissions may differ significantly. This variability is largely due to the scope of services required, the location of projects relative to our suppliers, and the scale of each individual project.

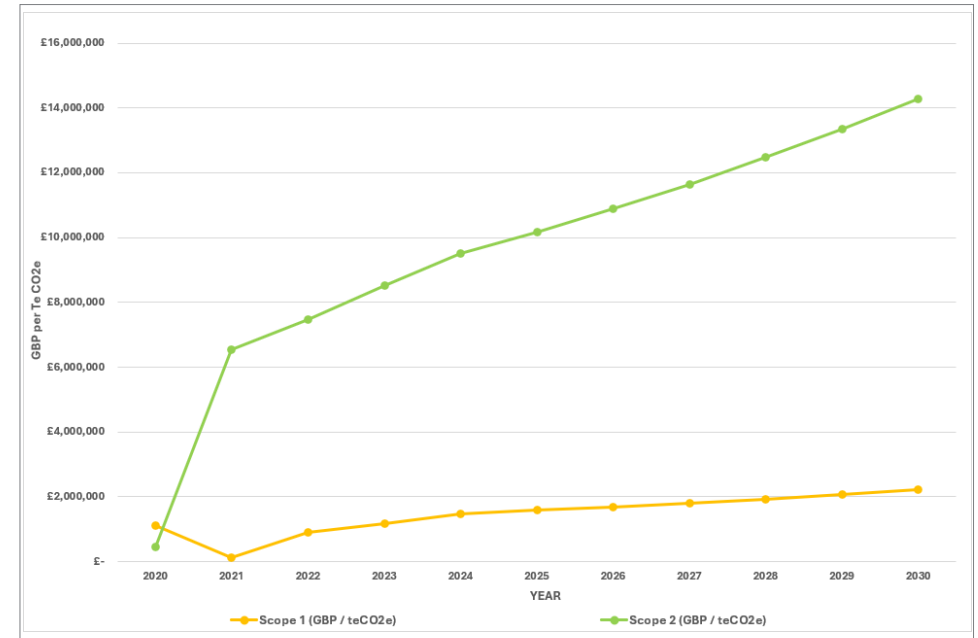
These variances may result in disproportionate savings or even increase our impact when presented as a simple number. Similarly, we acknowledge that the growth and expansion of our company or operating sites will naturally increase our Scope 1, 2, and 3 emissions.

Therefore, to ensure clarity and transparency, and to provide context for our data, we will compare our total CO₂e figure with our annual revenue figure. This approach allows us to measure our performance more accurately as our business grows and our operations vary in scope and geography. Therefore, the number being reported is GBP / Co₂te.

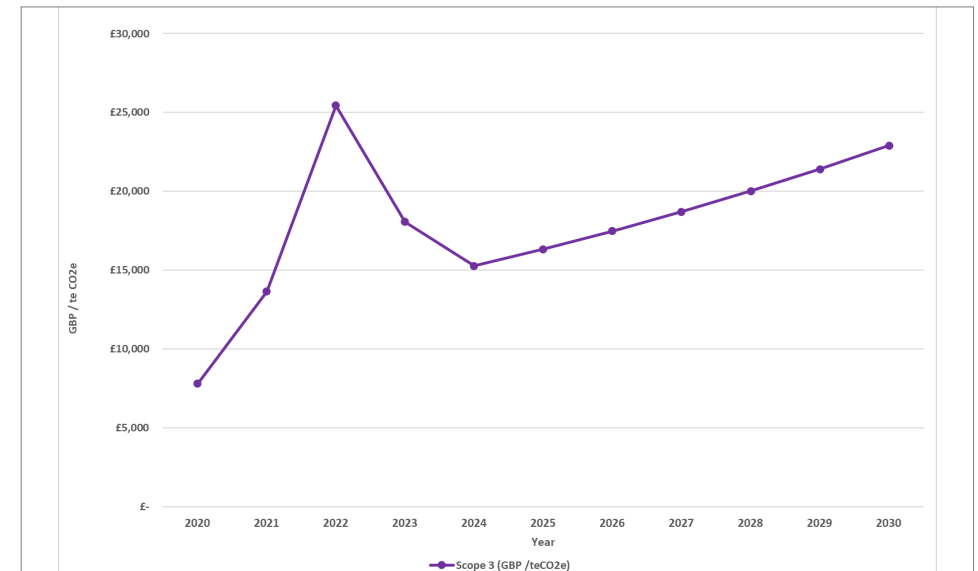
Revenue (£M) / CO ₂ e (te)	2020	2021	2022	2023	2024
Scope 1	£1.120M per te	£0.134M per te	£0.888M per te	£1.165M per te	£1.476M per te
Scope 2	£0.453M per te	£6.556M per te	£7.455M per te	£8.511M per te	£9.512M per te
Scope 3	£0.008M per te	£0.013M per te	£0.025M per te	£0.018M per te	£0.015M per te

We calculate our carbon emissions against overall business revenue to provide a metric of GBP/Co₂te.

Year-on-year we target a 7% increase in efficiency, meaning the more £ per tonne of CO₂e produced, the more efficiently we are delivering our projects.



The revenue/carbon emissions (million GBP/tonnes CO₂) metric for scope 1 and scope 2 is indicating a 7% efficiency increase each year up to 2030



The revenue/carbon emissions (thousand GBP/tonnes CO₂) metric for scope 3 emissions is indicating a 7% efficiency increase each year up to 2030

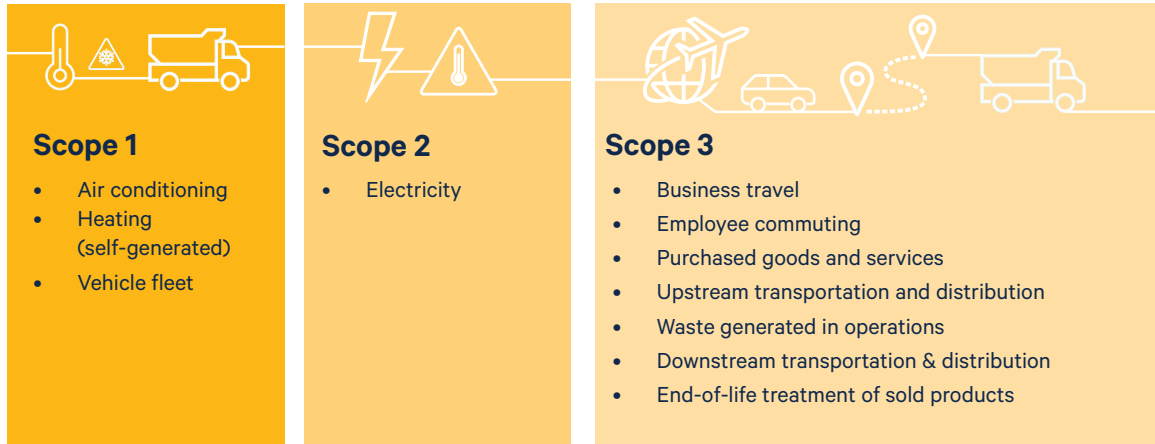
Our Roadmap to Decarbonisation



✓ Completed
✗ Not completed

Our Roadmap to Decarbonisation: Avoid, Replace, Reduce

Our scope 1, 2 and 3 emissions are broken down as follows:



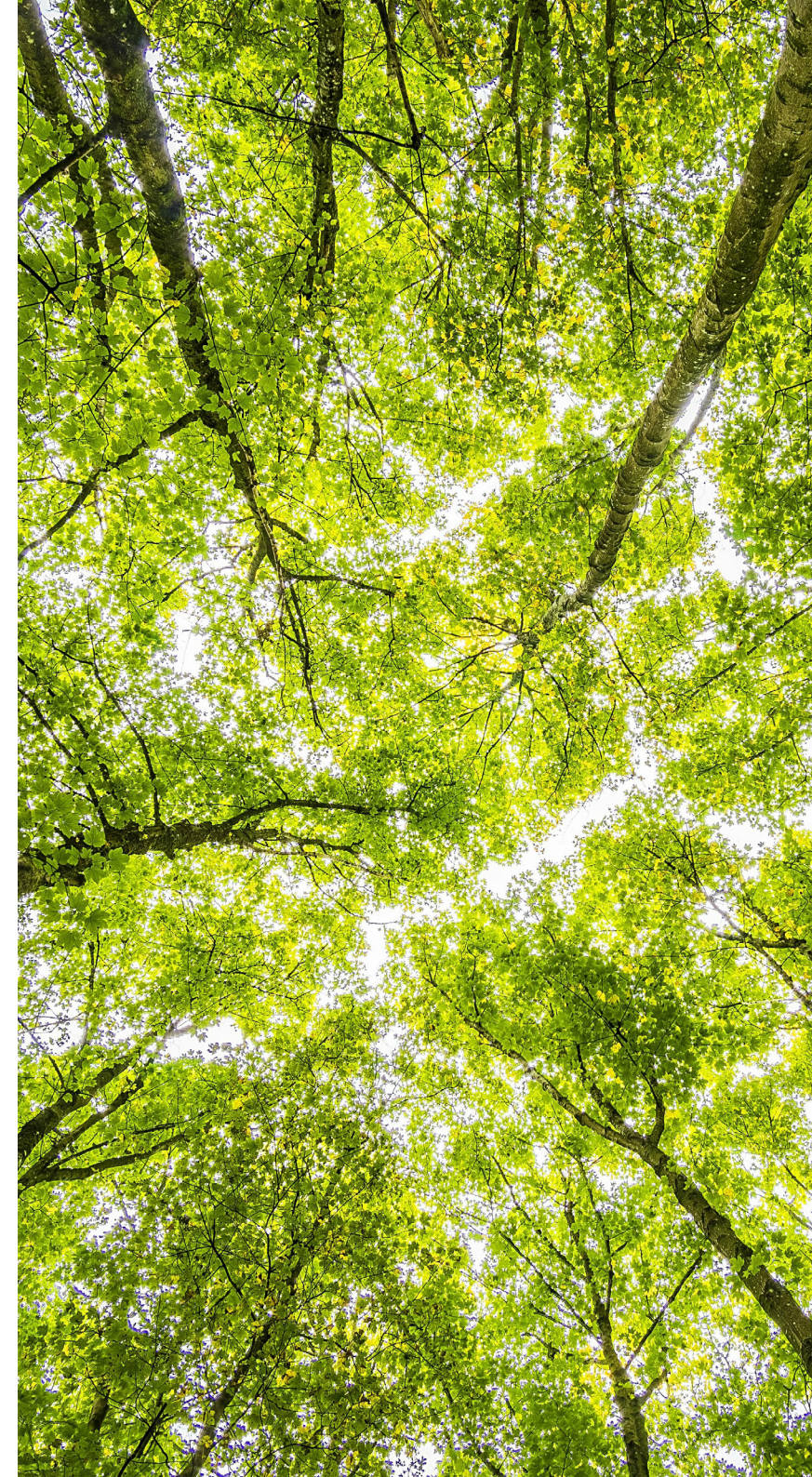
Scope 1 & 2 emissions

In 2024, we saw a slight decrease in total energy consumption across our UK sites, despite a modest increase in personnel levels compared to 2023. This reduction in energy consumption can be attributed to operational efficiencies resulting from improvements to our facilities, including upgrades to our heating and lighting systems.

Although office attendance increased, our total waste generation only saw a 1% rise in 2024. Through continued efforts to manage energy consumption, waste generation, and water usage, we were able to maintain our 'Zero to Landfill' status for the second consecutive year, with less than 0.5% of total waste being diverted to waste-to-energy facilities.

In 2021, we committed to sourcing REGO-certified electricity at all our UK sites to ensure our energy is generated from renewable sources. This strategic shift significantly reduced our Scope 1 and 2 emissions, a commitment that remains central to our ongoing site management strategies.

Additionally, in 2023, we transitioned 50% of our forklift truck fleet to electric, further reducing our Scope 1 emissions. While we are actively assessing the feasibility of converting the remaining fleet to electric, progress has been constrained by the availability of trucks that meet our specifications. We are closely monitoring new technologies and are committed to finding a viable solution as these technologies become more widely available.



Our Roadmap to Decarbonisation: Avoid, Replace, Reduce

Scope 3 emissions

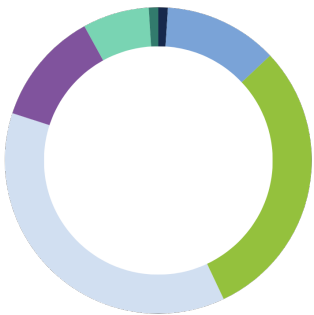
Our Scope 3 emissions increased in 2024, primarily driven by inbound logistics. Due to the nature and geography of our projects, the business required significant shipments of assets across regions to support client operations, resulting in a notable increase in total mileage compared to 2023.

In contrast, emissions from Business Travel saw a slight reduction of 2%. While total mileage increased, analysis showed a shift towards more long-haul flights and a reduction in short-haul travel, which contributed to the overall decrease in emissions.

Purchased Goods, particularly steel, saw a 7% reduction in emissions compared to 2023, despite an expanded scope of calculation with our appointed assessment team. This reduction is mainly due to the fact that in 2023, we invested in the fabrication of a new riser system for our rental fleet, which was not required in 2024.

Employee Commuting emissions dropped by 14% compared to 2023. This reduction is noteworthy despite a companywide commitment in mid-2024 to increase time spent in the office by our staff. The decrease can be attributed to several factors, including the rise in electric and hybrid vehicles used by staff, the evolving geographic spread of our employees, and key company initiatives such as the Cycle to Work and company electric car schemes.

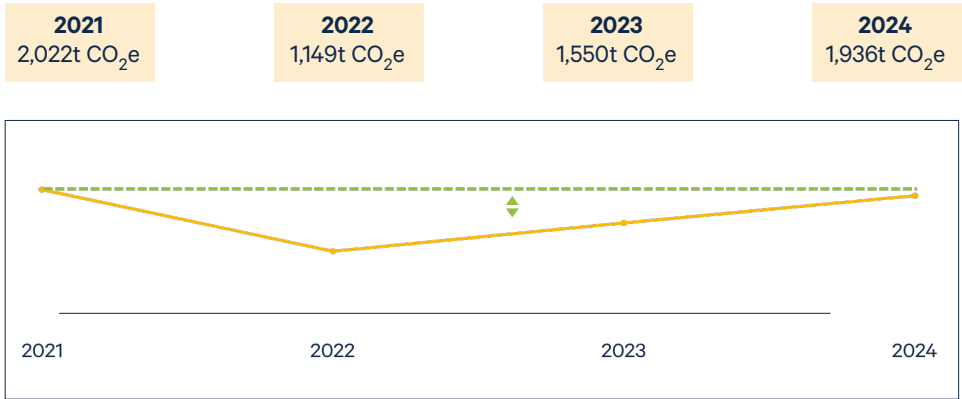
Our 2024 emissions breakdown



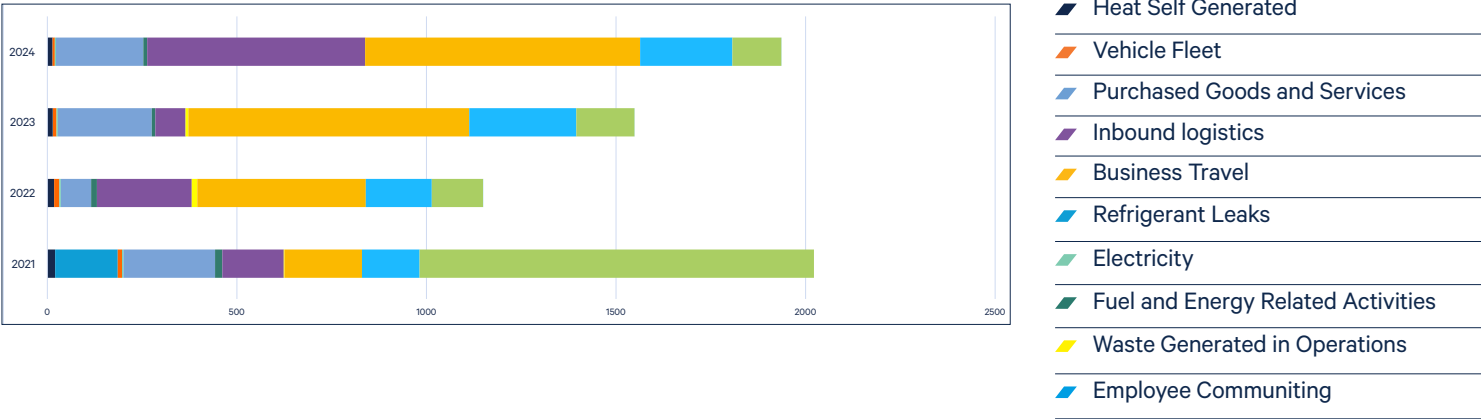
Inbound logistics	30%
Business travel	37%
Employee commuting	12%
Outbound logistics	7%
Other	1%
Scope 1	1%



Our emissions per year



Yearly emissions hotspot breakdown



Journey to Net Zero

With Aquaterra Energy unable to access Science Based Targets due to the sector we work within, we continue to discuss with our appointed Corporate Carbon Footprint Assessment body how we may be able to progress towards Net-Zero.

2024 Key Goals



Continue to embed our carbon calculators into all operations, supporting our clients in achieving their own decarbonisation goals.



Work with our suppliers of key Services within our reported Scope 3 emissions to identify operational improvements within each of our key operations.



Continue to develop our global supply chain in accordance with our own expansion to ensure we can continue to integrate sustainable solutions and contingencies into our project solutions for our clients.



Continue to work with our suppliers of key services to identify further opportunities for reducing the company's baseline environmental impacts.



Further increase our understanding and measurement of our carbon impacts by providing ISO14061-1 training to key personnel within our organisation.

If you'd like to contact us for more information on our Decarbonisation plan, please get in touch with our team directly or visit our website:



contact@aquaterraenergy.com



www.aquaterraenergy.com/esg

