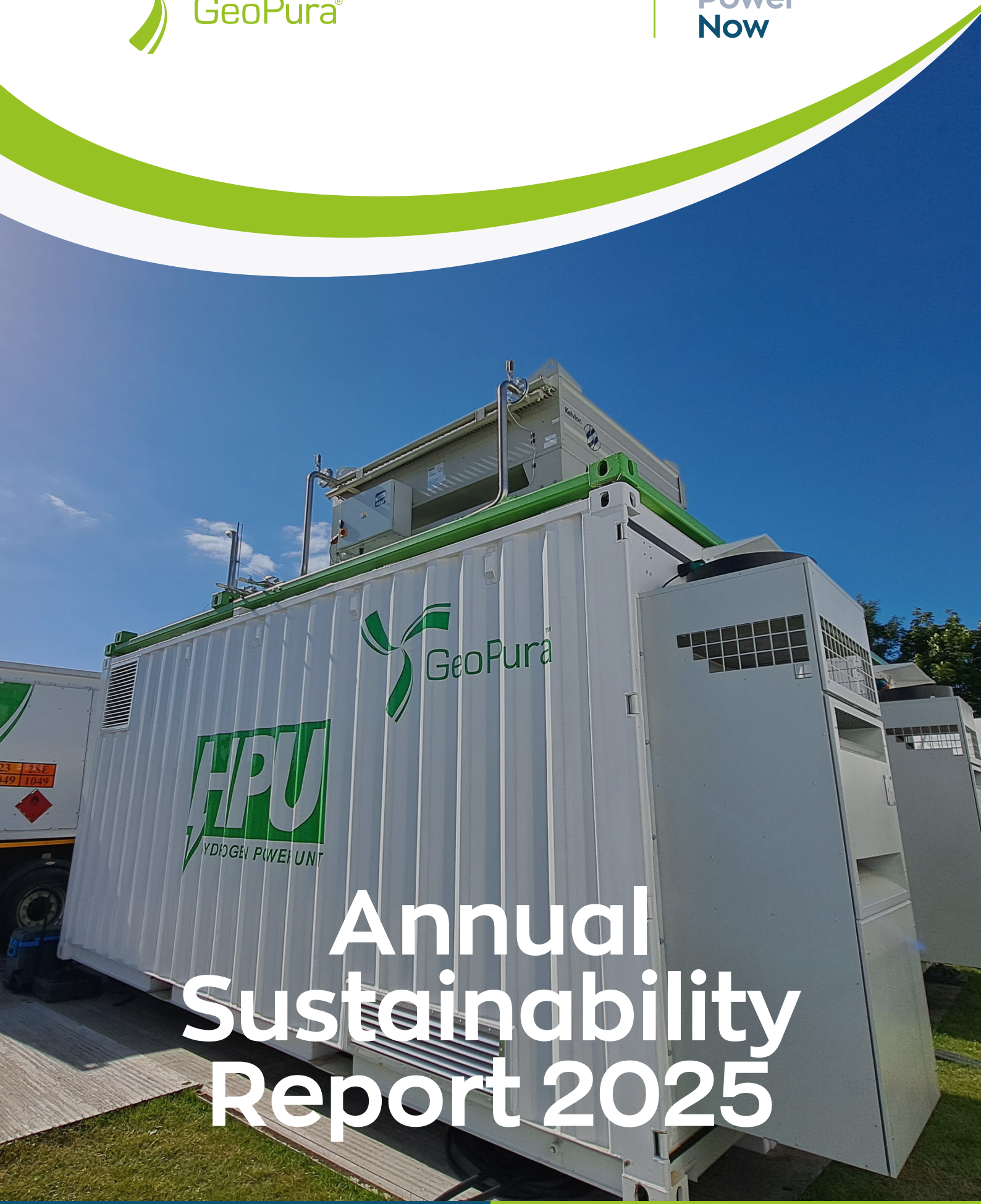
GeoPura®

Sustainable
Power
Now



Annual Sustainability Report 2025

ZERO EMISSION FUEL

GREEN POWER GENERATION



This is GeoPura's first Annual Sustainability Report, covering the 2024–25 financial year.

It outlines GeoPura's environmental, social, and governance (ESG) objectives and metrics, summarising progress achieved during the reporting period and detailing future goals and aspirations.

A STATEMENT FROM THE CEO

I'm pleased to present GeoPura's first annual sustainability report. Sharing our successes and commitments publicly is important and makes a clear statement about GeoPura's mission and values regarding environment, society and governance (ESG). The environmental purpose driving what we do should be clear to all, which is to prevent the release of greenhouse gases to atmosphere from the burning of fossil fuels.

We've seen catastrophic wildfires, floods, tornados and cyclones this year, and the link between worsening climate change impacts and rising emissions getting increasingly obvious. Poor air quality from fossil fuel emissions is contributing to serious health issues, from respiratory and cardiovascular disease to premature deaths, placing significant strain on public health systems and driving up healthcare costs. There's a human impact too, such as the spread of infectious disease, migration pressures and rising living costs. In a world facing urgent climate challenges and evolving expectations around corporate responsibility, we recognize our role in building a more sustainable future, by decarbonising our energy infrastructure and reducing climate change.

Gone are the days where sustainability was a 'nice to have'; it's now central to how any serious organisation operates, innovates and grows. Working more sustainably brings long term value creation and business resilience, and GeoPura's long term success depends on it.

During the last 12 months we've strengthened our ESG capacity, appointing an ESG Manager, setting ESG targets, declaring our commitment to reach net zero by 2050 and driving improvement in this important field.

We achieved rapid growth, with our hydrogen production capability and the manufacture and deployment of our Hydrogen Power Units (HPUs) going from strength to strength. Every HPU deployed displaces a diesel generator, meaning that in the early part of 2025 we exceeded the 1,000,000kg of avoided CO_2 threshold, and every month this value increases.

We reached our target of having at least 40% of our vehicle fleet being electric and are now pushing to exceed 90% by the end of the coming year. We've engaged with our local communities too, through volunteering and supporting local food organisations and helping women into work, and also showcased our technology to His Majesty King Charles at the Sustainable Markets Initiative event in Royal Hampton Court Palace, achieving a King's Award for Innovation for our work.

The coming year presents more opportunity for GeoPura to grow strongly and provide further sustainability benefit to our customers and to improve our corporate ESG performance. Our hydrogen production sites comply with low carbon standards, and our focus on EV use will reduce our Scope 1 emissions. We'll also be working with our key suppliers to lower our Scope 3 emissions and improve ESG issues in our value chain.

My aim is to continue showing how GeoPura leads with transparency, integrity and purpose, knowing that progress requires ambition, accountability and action.

I want to thank all our employees, investors and customers for their continued input to our success and look forward to the coming year, which promises to be exciting. Together, with our employees, partners and communities we'll continue to build a resilient, inclusive and sustainable future.

Andrew Cunningham
CEO of GeoPura, April 2025

GEOPURA BUSINESS MODEL

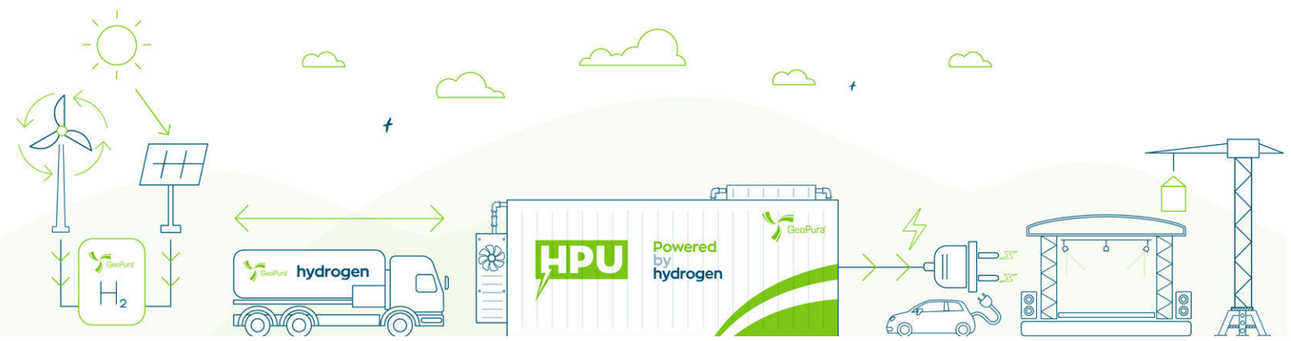
GeoPura provides hydrogen-fuelled clean energy to customers via its proprietary hydrogen power units (HPUs), manufactured under an exclusive, long-term partnership with Siemens Energy. This ensures a consistent, high quality build standard for HPUs and significant scaling opportunities in the UK and abroad. Additionally, our activity also includes green hydrogen production, delivery, and refuelling. Our in-house R&D team allows continual development of new, and improvement of existing, technologies, meaning more efficient delivery of hydrogen and electricity to customers, saving time and cost.

HPUs are deployed to customer sites under an energy-as-a-service business model where GeoPura manages the operation and maintenance of HPUs via a range of flexible contractual arrangements to suit different customer needs. This includes short term and long-term HPU contracts, or 'offtake' supply contracts for hydrogen alone. Customers can also choose to deploy HPUs under either a hire or sale and service model. Collectively, these activities ensure GeoPura can deliver sustainable electricity to customers.

Key sustainability-related risks and opportunities impacting this business model include:

- Customer education on hydrogen technology
- Cost, efficiency and performance of HPU technology
- Collaboration with Siemens Energy
- Cost of hydrogen and security of hydrogen supply
- Diversity and skillset of GeoPura's workforce
- Safety, health, and mental wellbeing of staff, and meeting high operational health & safety standards

The sustainability-related risks and opportunities are currently concentrated in the United Kingdom and relate to GeoPura's HPUs and the electrolysers used to produce hydrogen.





HIGHLIGHTS, ACHIEVEMENTS & MILESTONES

This year has seen significant progress at GeoPura. We've been commissioning more green hydrogen production in the UK, developed our production capacity of our HPUs, strengthened our presence in existing and new markets (with new customers and contracts) and getting the next iteration of our power unit (HPU2) moved into commercial production.

Q1 of 2025 saw us reach a landmark 1 million kilograms of CO_2 avoided emissions through the deployment of HPU1 at our customers sites, and this continues to grow on a monthly basis (see the Avoided CO_2 chart).

We've deployed our HPUs across Europe, including Republic of Ireland, Spain and France, and have provided clean energy to sports and music festivals.

Prizes, Awards & Recognition

Finance & Investment Award, Hydrogen UK Awards 2025

Kings Award for Innovation

IQ Magazine' Green Guardian cohort 2024





CASE STUDIES

BBC Springwatch

GeoPura's HPU technology has been truly tried and tested by the BBC Natural History unit over several years. Two 250kW HPUs are used to power the production village, including cameras, lighting and sound equipment.

Springwatch and its partner autumn and winter broadcasts demonstrate the potential for largescale television productions to switch to reliable, clean and off-grid energy and transition away from diesel generators in the industry.

Our HPUs are designed to operate at much lower noise levels than traditional diesel generators and of course, do not emit any toxic fumes or emissions. Due to the live broadcasting nature of these series, it is imperative that critical power is sustained at all times to ensure the live feeds are not interrupted at any point. The technology utilised in the HPU includes two uninterruptible power systems as well as onboard battery systems to guarantee consistent, high levels of power are always available.

"Change is the only way we will begin to tackle the climate crisis. And that means taking action. I am very pleased that Springwatch has been leading the way in the drive to reduce the carbon footprint of its production. It's incredibly important that we can pioneer the use of new technologies and methods then others will follow and then we have meaningful progress. So personally I would like to extend a massive vote of thanks and admiration to the team that has made this work. Top work!"

Chris Packham, TV Presenter
BBC Springwatch

Latitude Festival

GeoPura introduced an innovative solution to power the Latitude 2024 event more sustainably. GeoPura's HPUs replaced HVO biofuel generators, providing zero-emission electricity to part of the festival's village area including medical/welfare, merchandise stand, VIP camping, and the festival's recycling and waste sorting hub.

GeoPura worked closely with the production team to assess power requirements for key areas and engineers determined the best placement for the HPU and establish logistics. The finalised power strategy confirmed energy needs and in mid-July, the HPU was delivered and set up before the festival build began. The unit was integrated into Latitude's infrastructure, providing clean power to essential areas. When Latitude opened, the HPU delivered reliable, silent power across designated zones. GeoPura's team remained on-site throughout the event, monitoring performance and providing real-time support as needed. After the festival, GeoPura collaborated with Latitude's team to gather data on emissions saved and environmental benefits, producing a detailed report highlighting the carbon reduction achieved.

"Powering an event like Latitude Festival sustainably is a big focus for us and requires reliable, renewable energy sources. Our partnership with GeoPura and the integration of their Hydrogen Power Units is a fantastic step forward by exploring alternative power solutions."

Melvin Benn, Managing Director of Festival Republic, Latitude Festival (LiveNation)





CHARITY & COMMUNITY

Over the last 12 months, GeoPura has encouraged its employees to support and engage in charitable and community programmes.

This has included volunteering at community kitchens (The Food Works, Sheffield and The People's Kitchen, Newcastle), and supporting women back into work (and awareness of International Women's Day) with Smart Works.

In terms of community protection, GeoPura operates its permanent sites in accordance with local planning and permitting requirements and to high environmental standards, ensuring that local community impacts are controlled (e.g. noise, traffic). In addition, we also conduct detailed site surveys before deploying anything to our customer sites, to ensure that local amenity and wildlife are protected from adverse impact.

GOVERNANCE

GeoPura operates via an Executive team led by the Chief Executive Officer (CEO), with monthly Executive meetings and functional input provided by:

- Chief Business Development Officer
- Chief Finance Officer
- Chief Sales Officer
- Chief Operating Officer
- Chief Hydrogen Business Officer
- Chief People Officer
- Chief Technical Officer
- Chief Marketing Officer

ESG is a fixed item in the monthly Executive meeting agenda. The Board of Directors, which includes representatives from GeoPura's financial investors, meet at least 8 times a year, with H&S topics always presented as the 1st agenda item for consideration..

Further specific governance is provided by our ESG Committee and HSE Committee.

ETHICS

GeoPura ensures ethical governance and control of its activities through the adoption of:

- Ethical (Business Integrity) Policy;
- Anti-bribery Policy;
- Bullying and Harassment Policy;
- Health and Wellbeing Policy;
- Equal Opportunities Policy;
- Equality, Diversity and Inclusion Policy;
- Human Rights Policy
- Modern Slavery Agreement;
- GeoPura Code of Conduct; and
- Procurement – Supplier Code of Conduct.

Our robust framework of policies fosters transparency, fairness and accountability, a culture of honesty and integrity, prevents corruption and ensures our dealings are conducted fairly. We set clear expectations for employee behaviour, ensuring compliance with legal and ethical standards, and extend these values into our supply chain, holding our suppliers accountable for responsible practices including fair labour conditions, environmental sustainability and ethical business dealings. We prioritise employee welfare and inclusivity, fostering a safe, respectful and equitable workplace promoting mental and physical health, and protect against discrimination and ensure employees have equal access to opportunities. Our commitment is strengthened by initiatives that drive diversity and combat bias, resulting in a more representative and inclusive workforce. We protect human dignity by preventing forced labour, exploitation, and unfair treatment throughout our operations and supply chains.

RISK & OPPORTUNITY

Key business risks are flagged at each Executive meeting throughout the year (typically monthly), including ESG and H&S risks. This allows the leadership team to focus on addressing risks according to priority. Risks are also identified and evaluated through the ESG Committee and HSE Committee, with significant risks and actions being raised to the Executive. In the coming year, we'll be improving how we identify and manage corporate risk, including ESG risk (see the Upcoming Areas of Focus section).

Water Management Risks

The operation of our electrolysers depends on a reliable supply of good quality mains water to produce green hydrogen, making any disruption to this supply a business risk. Currently, our electrolysers are situated outside of areas classified as experiencing high or extremely high baseline water stress. In the short to medium term, the regional water supply is expected to remain adequate to support our operations. However, to safeguard against potential long term challenges such as climate change and drought (see below) we are in the process of developing mitigation measures to ensure business continuity.

Climate Risks

Climate change presents both risks and opportunities that can have financial implications for businesses, as well as wider sustainability impacts on communities and ecosystems. Understanding and addressing these material climate-related factors is crucial for long-term business viability. To support this, we'll be holding climate risk workshops in summer 2025 to identify and assess the climate-related risks and opportunities most relevant to our future success. The findings from these workshops will be shared in our next Sustainability Report.

PLACEMENT STUDENTS & APPRENTICES

At GeoPura we believe strongly that encouraging young people into science, technology, engineering and mathematics (STEM subjects) is essential for the long term sustainability of our business. For this reason, we've a number of placement students and apprentices working for GeoPura, many of whom are kept on in permanent positions once their initial tenure is complete.



ESG STRATEGY

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ESG PILLARS

Climate change

We're continuing to scale up our green hydrogen production and now meet 95%+ of our H2 demand in-house. We've made strides towards achieving the Low Carbon Hydrogen Standard, with completion expected in early 2026. Every time our zero emission HPU and green hydrogen is used to generate energy, it contributes to the prevention of climate change.

Protecting our people

We conduct regular employee engagement surveys, provide mental health awareness training and introduced a cycle to work scheme. Health and safety is paramount in what we do.

Responsible consumption

We have in place policies to prevent slavery, child labour, corruption and money-laundering, and several other policies to ensure responsibility in our supply chain. We continually refine and adjust our technology to optimise efficiency.

ESG COMMITTEE

Chaired by our CFO, the ESG Committee sets the foundation for our sustainability journey. Members are appointed based on their specific skillsets, as their individual roles are relevant in influencing our overall goals. The committee has a direct feed into the senior leadership team.

The ESG Committee provides oversight, guidance, and strategic direction on ESG matters, ensuring GeoPura's ESG goals are integrated into its corporate strategy and operations. The Committee supports GeoPura's ESG performance, aligning with global best practices and regulatory requirements. The ESG Committee typically meets monthly and reports to the monthly Executive meeting and the quarterly Board of Directors meeting, identifying progress toward meeting ESG objectives, risks, and emerging trends.

HSE COMMITTEE

Chaired by our COO, the Health, Safety and Environment Committee is a cross-business group of Senior Management looking to harmonise best HSE practice across the business with an end goal of promoting a Zero Harm philosophy.

The Committee have developed a series of Zero Harm goals. Progress of these is mapped and reported on at HSE Committee meetings and from there reported into the Board of Directors. Meetings of the HSE Committee are held quarterly.

SUPPORTING THE UN SUSTAINABLE DEVELOPMENT GOALS

GeoPura's ESG Strategy has been developed to support five of the United Nation's Sustainable Development Goals (SDGs). These five have been chosen because they are very relevant to our business activities, and have also been recognised though our initial materiality assessment:

3 GOOD HEALTH AND WELL-BEING

From the protection our employees safety and mental health at work, through to the clean air associated with our hydrogen production and HPU deployments, the good health and well-being of people and communities is enhanced throughout our operations.

7 AFFORDABLE AND CLEAN ENERGY

The availability of clean, sustainable energy isn't much use if it is too costly; GeoPura offers a sustainable energy that is only a few pence more expensive (per power delivered) than HVO, without any of the associated emissions.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

GeoPura supports industry and innovation within the UK, whilst also strengthening energy infrastructure resilience with its UK-based green hydrogen production and reliable, uninterruptable clean power units.

11 SUSTAINABLE CITIES AND COMMUNITIES

The availability of clean, affordable power will enhance the cities and communities of the future, helping to keep below planetary thresholds whilst maintaining people's societal needs (including those of sustainable networks and energy).

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

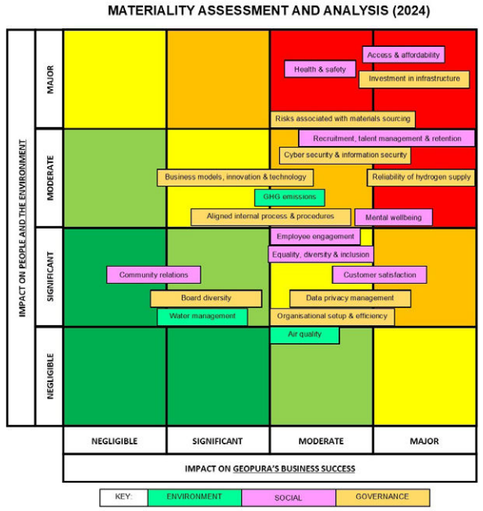
We strive to offer our services and products through sustainable procurement practices, including prevention of slavery, child labour, corruption and money-laundering. We review our production methods to control waste and pollution, and health and safety is first and foremost in our activities.

MATERIALITY ASSESSMENT

In early 2024, ESG materiality topics were assessed by the senior GeoPura leadership team, allowing us to identify those considered most important (see heat map). The findings of this helped us to develop our ESG Strategy.

Our plans for the coming year are to revisit the 2024 assessment and evaluate ESG materiality again using recently published SME guidelines, and seeking feedback from key stakeholders outside of GeoPura too.

We will also be holding specific climate risk workshops to identify climate-related impacts, risks and opportunities facing GeoPura and its full value chain.



MANAGEMENT OF LEGAL & REGULATORY POSITION

Green hydrogen is a rapidly evolving sector, with a constantly moving legislative, regulatory and policy landscape both in the UK, EU and further afield. Our work revolves around complex technologies using hazardous materials, explosive gases, high voltage and high pressure systems required to meet specific standards (e.g. BS, EN, IEC, ASME). Beyond this lies governance areas associated for example with modern day slavery, child labour, employment contracts, money laundering and corruption. For us to maintain compliance, we continuously monitor for change through our in-house legal team and HSE, ESG and HR specialists, trade associations (e.g. Hydrogen UK, Hydrogen Europe, BCGA, EIGA), professional membership sources and other available sources such as the Health & Safety Executive. When change is identified, we assess its impact on operations and update our relevant policies, procedures, and training programmes accordingly via our HSE and ESG Committee structure. Regular audits, risk assessments, and cross-functional collaboration help ensure ongoing compliance and enable proactive responses to evolving regulatory requirements.



EMPLOYEE FOCUS

This year has been one of growth and progress, with headcount increasing by over 50%. Among our key milestones, we undertook a deep-dive review of our pension arrangements to ensure we continue to provide the best possible support for staff, while also introducing a salary sacrifice scheme for employees, reflecting our commitment to continuous improvement. We also upgraded our HR platform to deliver a more interactive and accessible service for employees.

Supporting employee health and resilience has remained at the heart of our agenda, from our Mental Health Awareness Week focus on community initiatives, including local volunteer days and step challenges to promote wellbeing in demanding work environments.

We recognise the challenges in a male-dominated sector and are committed to increasing opportunities for women in STEM, with gender-inclusive recruitment practices and a new cohort of apprentices with female representation.

Looking ahead, our priorities will include further manager development, broader training opportunities for all staff, and continued investment in competitive benefits. This year has been intense, yet energising, giving our people the unique opportunity to lead, innovate and define what's next.

HEALTH & SAFETY

GeoPura's approach to safety is built on knowledge, understanding, empathy and competence. Health & safety is the first agenda item of our regular Board of Directors meetings. We acknowledge that collective and personal safety is everybody's responsibility and have put in place policies, systems and training to underscore this approach. All staff are encouraged to respectfully challenge colleagues, contractors, clients and visitors where activities may look like best practice could be improved, and are also empowered to halt activities if activities or conditions are not optimal.

We believe that safety is a collaborative activity and GeoPura have both management and workforce Health and Safety Committees which define and develop our health and safety systems, identify where improvements can be made and embed these so that continual improvement can be maintained.

To further embed safe systems of work, GeoPura shall be implementing the systems and processes needed to achieve ISO 45001 in 2026. GeoPura already have accreditations for safety that we are building on, including ConstructionLine – Gold award and NICEIC registration, and are members of trade associations such as Hydrogen UK, BCGA, and HFCAS where we not only follow but can help shape the safety framework for Hydrogen.

Accidents in the workplace have been restricted to minor injuries, and nothing that warranted anything other than minor first aid treatment. No lost time accidents were recorded and there have been no environmental incidents to note.

H&S Metrics	2021	2022	2023	2024
Fatalities	0	0	0	0
Lost Time Frequency Rate	0	0	0	0
Injury Frequency Rate (per 200,000hrs)	0	10.9	4.9	4.7
Prohibition Forces	0	0	0	0
Improvement Notices	0	0	0	0

OUR SCOPE 1-2-3 EMISSIONS

We first calculated our corporate greenhouse gas (GHG) emission footprint for the financial year 2023-24 (ref:'2024') and can now compare change over time using this year's emission footprint (ref.'2025').

Year-on-year comparison shows an overall 6% increase, as a result of GeoPura:

- growing in size (from 85 to 135 people at year-end) and operational activity;
- investing more in new equipment (electrolysers, HPUs , tube trailers etc); and
- improving the collection of information needed to calculate our GHG emission footprint, resulting in greater accuracy.

The overall split has not changed significantly, with the majority related still to our investment in assets and products (see Scope 3 breakdown).

GHG Category Comparison (tCO_{2eq})

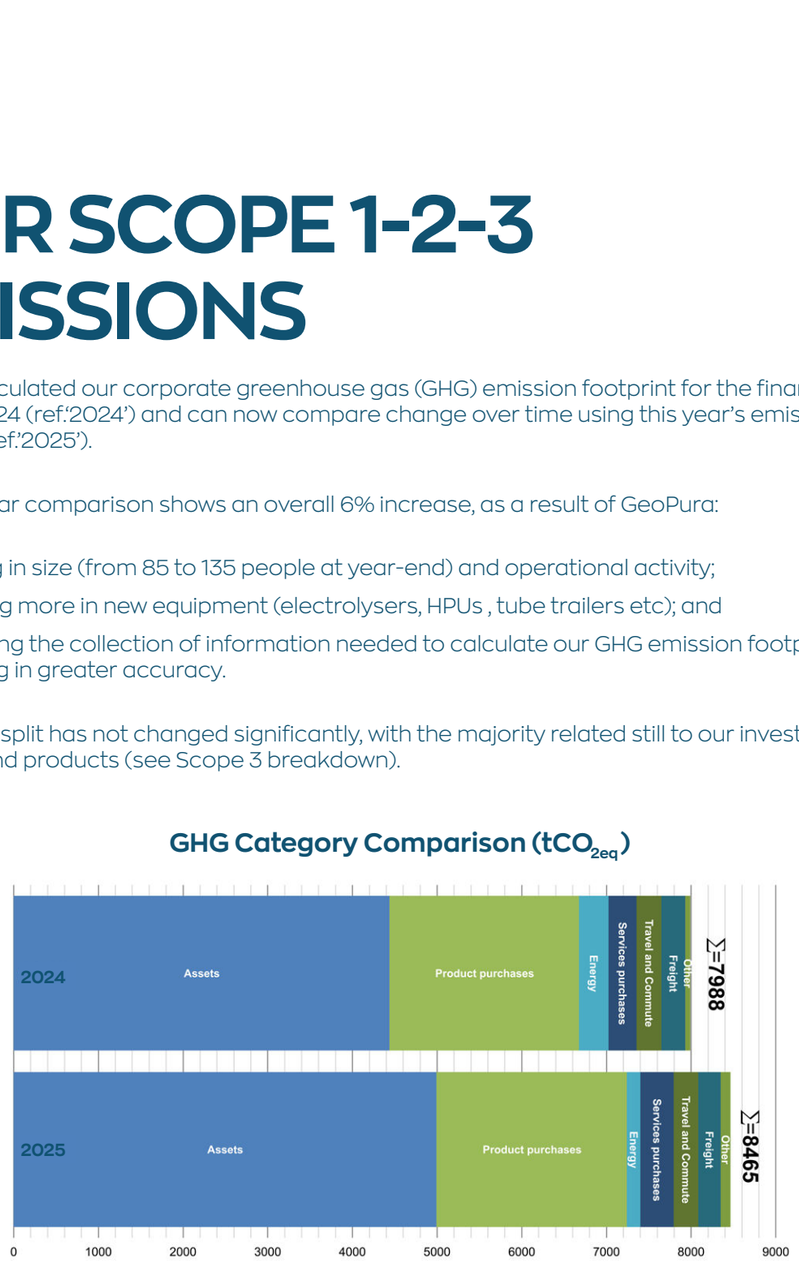
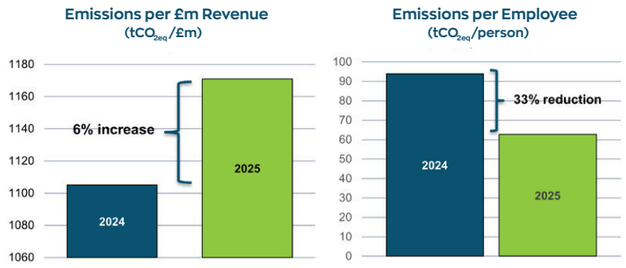


Chart comparing 2024 and 2025 GHG emissions, with major emissions categories shown.

Although we've seen a 6% increase in emissions, we've also experienced a 59% increase in headcount (needed to deliver our ambitious business growth potential); as a result, **our emissions per employee have reduced 33%** (from 94.0 to 62.7tCO_{2eq} per person). However, because our overall revenue has remained the same, our emissions per £million revenue have increased (by 6%, matching the increase in overall emissions).



What is 1 tonne of carbon dioxide equivalent to?



Volume of a 3-bed house



2,500-3,100 miles of driving



3x return flights (single passenger), Heathrow to Paris

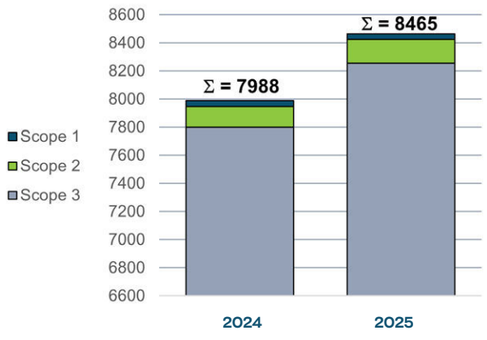


Burning 500 litres of petrol

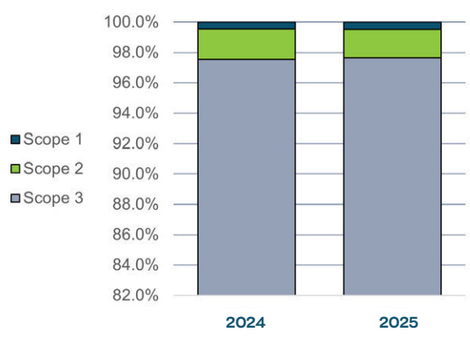
Emissions by Scope

Greenhouse gases are grouped into three different 'scopes', and more detail of these is given in the following pages. The overall split between GHG Scopes has not altered since 2024, with slightly under 98% of our emissions being Scope 3 (associated with the assets, products and other 3rd party services we use).

Scope 1-2-3 Emissions (tCO_{2eq})



Scope 1-2-3 Emissions (%)



2025 Split

Scope 1	Scope 2	Scope 3
0.4%	2.0%	97.5%

Scope 1

Scope 1 emissions come from a company's direct activities, such as fuel combustion in owned vehicles, onsite energy generation, and emissions from industrial processes.

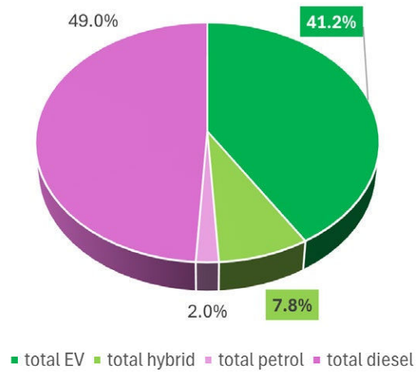
GeoPura's Scope 1 emissions mainly arise from fuel use (e.g. petrol, diesel, natural gas) with a minor contribution from fugitive emissions associated with the commissioning, testing, and purging of equipment using hydrogen (a GHG with low global warming potential). Other fugitive sources, such as from air conditioning and cooling systems, are minimal. **Overall, our total Scope 1 emissions increased only marginally over the reporting period.**

Electric Vehicles

We've been focused on reducing the number of conventionally fuelled vehicles in our fleet and recently exceeded our target of achieving 40% electric vehicles (with almost 50% combined EV and hybrid vehicles).

We continue to trial a range of electric vans, supporting further progress in the coming year. This transition has helped stabilise our Scope 1 emissions over the past 12 months, enabling operational growth without a corresponding increase in emissions

Fleet Fuel Type Q1 '25





Our Scope 2 Emissions

Scope 2 emissions are those associated with the production of electricity that we use. In total, **over 97% of the electricity we used last year came from renewable sources.**

Green Hydrogen Production

Our green hydrogen is produced using 100% renewable electricity, with over 85% sourced from nearby low-emission renewables (solar, biomass CHP*, and landfill-derived biomethane) and the remainder supplied via a REGO-certified** contract from the National Grid.

Offices and EV Charging

As a conservative, worst-case assumption, we consider electricity used in areas such as landlord-managed offices and offsite EV charging as being sourced from the National Grid, and therefore not 100% renewable (although in reality, over half of the UK's grid electricity now comes from renewable and low-carbon sources). These uses account for less than 3% of our total electricity consumption.

Table Showing Spread of 2025 Electricity Provision

Electricity Source	kWh	%	Comment	
Biomass CHP	5,454,378	68.3	85.8% renewable electricity directly from adjacent 'private wire' sources	97.3% renewable electricity in total
Biomass Landfill	905,274	11.3		
Solar	491,344	6.2		
Grid; certified 100% renewable	915,674	11.5		
Grid; non-100% renewable	219,490	2.7	Assumed to be from National Grid average (not 100% renewable)	
Total	**7,986,161**			

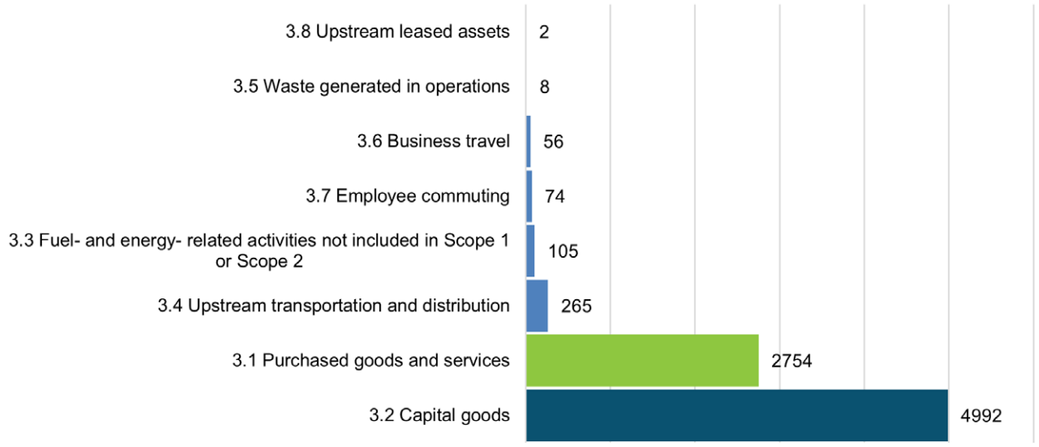
*CHP= Combined Heat and Power; Electricity taken off a combined biomass heat and power (CHP) facility is considered renewable because it is generated from biomass, derived from living or recently living organisms

**REGO= Renewable Energy Guarantees of Origin, verifying that electricity is generated from renewable sources, issued by Ofgem in the UK.

Scope 3 Breakdown

Scope 3 emissions are indirect GHGs arising from activities a company influences but does not directly control, such as those from suppliers and third-party logistics. **These emissions make up the majority of our footprint (97.5%),** which is typical for most companies. The bar chart below provides a breakdown, highlighting that capital goods, and purchased goods and services are the largest contributors, primarily linked to CAPEX investments in green hydrogen production equipment, hydrogen transport, and HPU manufacturing.

2025 Scope 3 Emissions Breakdown

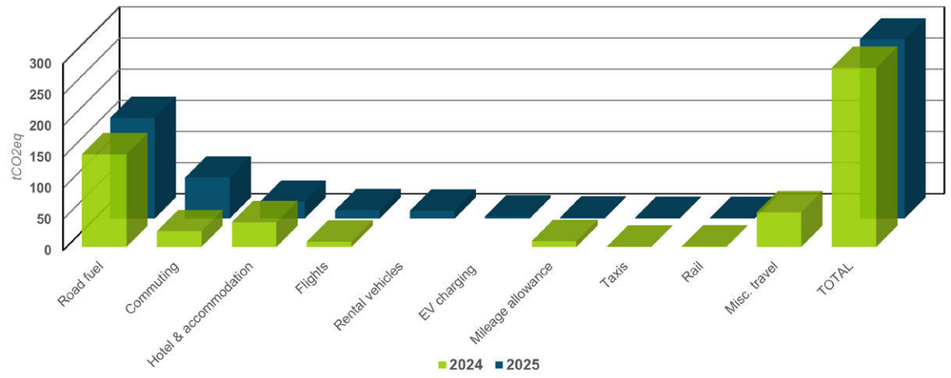


Scope 3 Travel and Transport

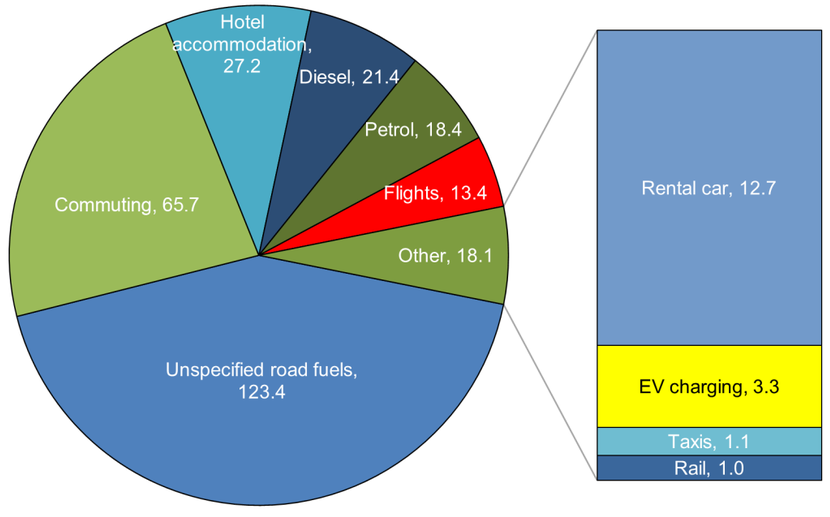
Each year we carefully measure the emissions associated with our travel and transport. This includes those linked to our regular commute to and from work, as well as cars and vans used for business travel, flights, rail travel, taxis, hire cars and also hotels and accommodation.

We've seen no change in these emissions over the last two years, with a total of slightly below 288tCO_{2eq}, despite our overall increase in headcount and increased operational activity. Our transition over time from conventional internal combustion to full electric vehicles is helping to control our travel emissions. Additionally, our ongoing arrangement with our travel broker purchases certified carbon offsets to compensate travel emissions booked via their portal (165tCO_{2eq} offset for the 2025 reporting year).

Business Travel & Commute Emissions; year-on-year comparison



2025 Business Travel & Commute Emissions (tCO_{2eq})

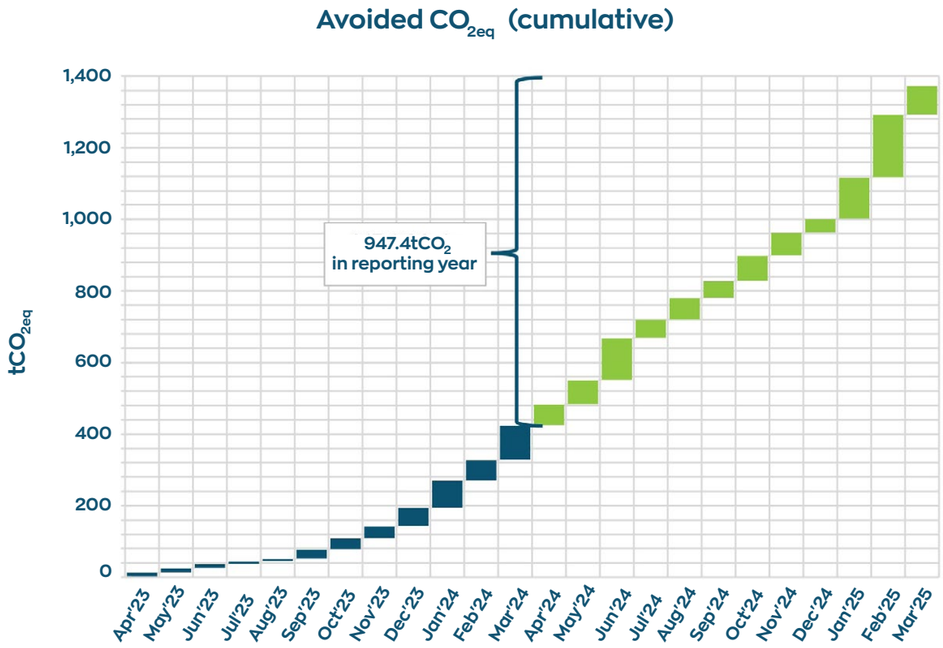


Reporting Our ‘Avoided’ Emissions

GeoPura’s core business helps our customers avoid the CO_2 emissions associated with the use of diesel or HVO fuelled generators, through the use of zero-emission green hydrogen. **Customers using our HPUs will therefore see proportional reductions in their Scope 1 GHG emissions** (compared against an equivalent use of diesel or HVO).

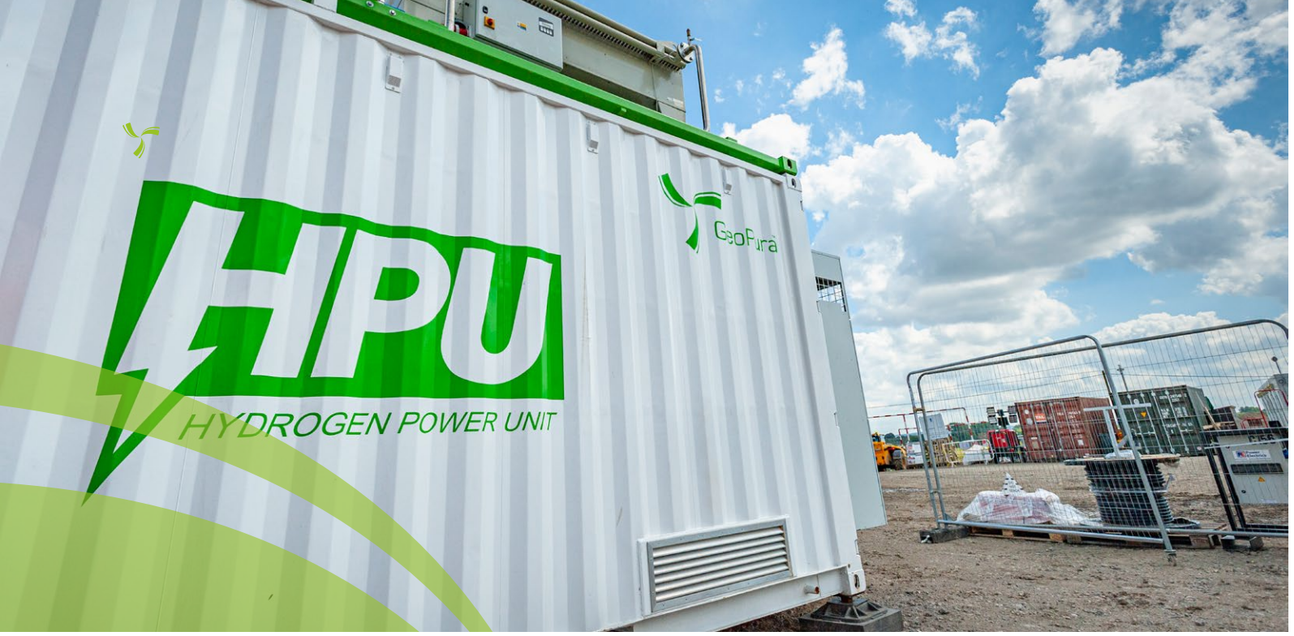
GeoPura can disclose the cumulative avoided emissions (combined across all its customers during the reporting period) as an **additional, informational metric to communicate the enabling effect of our services and products.** These avoided emissions are not included in, nor deducted from, GeoPura’s Scope 1, 2, or 3 GHG inventory, and therefore **do not constitute a reduction in GeoPura’s reported GHG footprint.**

As illustrated in the chart below, the continued expansion of HPU deployments over the year has led to a steady, cumulative increase in avoided CO_2 emissions, with a **total of 947.4tCO_2** avoided in this reporting period.



Because this avoided emissions information is separate from GeoPura’s GHG inventory, it **does not result in double counting** of GHG reductions. From a customer’s perspective, their GHG inventory will reflect the actual emission savings that have come about by using GeoPura’s services, and any decrease relative to a previous baseline appears in their reporting as a genuine reduction.





UPCOMING AREAS OF FOCUS: 2025-26

We'll be revisiting our previous ESG Materiality Assessment to evaluate in better detail the viewpoints of our stakeholder groups, climate risk workshops and broader corporate risks, using new guidance for SMEs. We'll use the findings of this to adjust our ESG Strategy, redefine our targets where necessary and prioritise our sustainability efforts.

We expect our Scope 1 GHG emissions to continue reducing through the further deployment of EV, with an expectation to exceed 90% of our fleet being fully electric in the coming year.

Our green hydrogen production will increase significantly in the coming year as our High Marnham site progresses through its commissioning phase.

We're planning a detailed life cycle assessment of our newest HPU product, demonstrating it's 'cradle-to-grave' environmental impact.

Our procurement team will be developing a new Sustainable Procurement Framework Policy to align our ESG expectations within our supply chain and to provide consistency in how we achieve this.

The procurement team will also be reviewing the ESG criteria of suppliers, and engaging with the most significant suppliers to improve sustainability within our value chain.

A comprehensive and strategic approach to identifying and responding to corporate ESG risks will be established via a new Risk Committee, allowing us to manage impacts and opportunities more dynamically.

Our adoption of a Zero Harm programme (tracking and reporting health and safety improvements through to completion) will progress. Subjects included for this year include Competence, Management Engagements, Mental Health and health awareness campaigns.

Our employee support will continue, as additional training, including Level 2 mental health awareness training, and employee engagement surveys are planned.

IFRS SASB ALIGNMENT

This sustainability report includes an Appendix aligned with the requirements of the International Financial Reporting Standard (IFRS) / Sustainability Accounting Standards Board (SASB) for SMEs.

This provides a structure for the provision of key sustainability information, allowing businesses to disclose financially material sustainability information to investors in a standardized, comparable, and industry-specific way.

Because the hydrogen sector is relatively new, there are currently no sector-specific criteria available for use. Instead, we've selected what we consider to be the most relevant sectors and material topics to report (from those available within the SASB framework). Our Appendix thus contains a selection of reporting topics chosen from the following industries;

- Electric utilities and power generators
- Fuel cells and industrial batteries
- Chemicals
- Electrical and electronic equipment and
- Professional and commercial services.

NB In this first step of our sustainability reporting journey we have made every effort to verify and substantiate the information provided, with input from all teams, however, the information provided has not been subject to independent audit, nor is GeoPura claiming full compliance with the IFRS Sustainability Disclosure Standards. Future sustainability reports produced by GeoPura may make this claim, when considered mature enough.

SUMMARY OF KEY WINS

- Forged ahead on our transition to cleaner transport, with more than 40% of our vehicle fleet fully electric;
- Achieved a 33% reduction in per person CO_{2eq} emissions, underscoring our commitment to ambitious climate action;
- Contributed to local communities through charity volunteering days;
- Earned awards and recognition at the Hydrogen UK Awards, Kings Award and IQ Magazine;
- Delivered tailored support to a wide spectrum of customers, spanning film and TV productions, construction projects, music festivals, and sporting events, helping them avoid a total of 947.4t CO_2 emissions during the reporting year, and pushing our cumulative overall total past the 1,000t (1million kg) milestone.

Appendix: IFRS SASB ALIGNMENT

Statement of Use: GeoPura has reported the information cited in this SASB index for the period 6th April 2024 to 5th April 2025 with reference to the SASB disclosure standards. Sector specific topics have been selected as those best representing GeoPura's activities.				
SASB S1 GENERAL	GOVERNANCE	The governance processes, controls and procedures the entity uses to monitor and manage sustainability-related risks and opportunities		A description of GeoPura's ESG governance is provided within both the financial Annual Report and the Governance section of the standalone Sustainability Report.
	STRATEGY	The approach the entity uses to manage sustainability-related risks and opportunities		See Risk and Opportunity section of the Sustainability Report
	RISK MANAGEMENT	The processes the entity uses to identify, assess, prioritise and monitor sustainability-related risks and opportunities		See Risk and Opportunity section of the Sustainability Report
	METRICS & TARGETS	The entity's performance in relation to sustainability-related risks and opportunities, including progress towards any targets the entity has set or is required to meet by law or regulation		See Sustainability Report See GeoPura ESG Strategy
SASB S2 CLIMATE RISK	CLIMATE RELATED DISCLOSURES AGAINST THE ABOVE (governance, strategy, risk, metrics/ targets)	This Standard requires an entity to disclose information about climate-related risks and opportunities that could reasonably be expected to affect the entity's cash flows, its access to finance or cost of capital over the short, medium or long term. For the purposes of this Standard, these risks and opportunities are collectively referred to as 'climate-related risks and opportunities that could reasonably be expected to affect the entity's prospects'		See Risk and Opportunity section of the Sustainability Report
Sector Specific SASB IFRS Code	Material Topic	Reporting Requirement	Units	Comment
IF-EU-110a.1	Greenhouse Gas Emissions & Energy Resource Planning	(1) Gross global Scope 1 emissions, percentage covered under (2) Emissions-limiting regulations and (3) Emissions-reporting regulations	Metric tonnes (t) CO_2-e, Percentage (%)	(1) 171 tonnes CO_2-e (associated with vehicle fuel, natural gas (for hot water & heating) plus fugitive aircon and hydrogen emissions) (2) 0% of GeoPura's Scope 1 emissions fall under emissions-limiting regulations (3) 0% of GeoPura's Scope 1 emissions fall under emissions-reporting regulation (GHG are reported voluntarily by GeoPura)
RT-CH-110a.1				
IF-EU-110a.3		Discussion of long and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion & analysis	The percentage of electric vehicles (EV) within the GeoPura fleet (company cars and field service vans and trucks) has increased during the reporting period from under 30% to 41.2% (as of end of Q1'25)
RT-CH-110a.2				
RT-CH-130a.1	Energy Management	(1) Total energy consumed, (2) Percentage grid electricity, (3) Percentage renewable and (4) Total self-generated energy Note to RT-CH-130a.1 – The entity shall discuss its efforts to reduce energy consumption and/or improve energy efficiency throughout the production processes. Also subject to technical protocol note	Gigajoules (GJ), Percentage (%)	(1) Total energy consumed = 31037GJ (2) %Grid electricity = 14.2% (NB 11.5% of this is REGO certified renewable supply over national grid) (3) %Renewable = 97.3% (NB renewables are via 'private wire' solar, landfill gas and CHP sources, or REGO certified grid supply, to GeoPura electrolysers) (4) Total self-generated energy = not applicable (0%)
RR-FC-130a.1				
RT-EE-130a.1				
IF-EU-120a.1	Air Quality	Air emissions of the following pollutants: (1) NO_x (excluding N_2O), (2) SO_x, (3) particulate matter (PM_{10}), (4) lead (Pb), and (5) mercury (Hg); percentage of each in or near areas of dense population	Metric tonnes (t) Percentage (%)	GeoPura uses renewable energy for its electrolyser sites, our fuel cell technology is emission free. There are no CO_2, CO, NO_x, SO_x, PM_{10}, Pb or Hg emissions associated with our activities (pure water being the only byproduct).

IF-EU-140a.1	Water Management	(1) Total water withdrawn, (2) total water consumed; percentage of each in regions with High or Extremely High Baseline Water Stress	Thousand cubic metres (m³), Percentage (%)	(1) 4210 m³ for electrolyser operation (2) 0% from regions of High or Extremely High Baseline Water Stress
RT-CH-140a.1				
IF-EU-140a.2		Number of incidents of non-compliance associated with water quality permits, standards and regulations	Number	None to report
RT-CH-140a.2				
IF-EU-140a.3		Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion & analysis	See Risk and Opportunity section of the Sustainability Statement
RT-CH-140a.3				
IF-EU-320a.1	Workforce Health & Safety	"1) Total recordable incident rate (TRIR) (2) fatality rate, and (3) near miss frequency rate (NMFR) for (a) direct employees and (b) contract employees"	Rate	(1) TRIR is Zero (no recordable injuries) for employees and contractors (as defined by Occupational Safety and Health Act) (2) Zero fatalities (employees and contractors) (3) NMFR = 5.6 (employees) / 0.0 (contractors)
IF-FC-320a.1				
RT-CH-320a.1				
RR-FC-320a.2		Description of efforts to assess, monitor, and reduce exposure of workforce to human health hazards		Human health hazards: All tasks undertaken by staff and contractors are subject to risk assessment. All risks identified are reduced to as low as reasonably practicable. Leading indicators such as "safety suggestions" are encouraged from staff and the numbers and content are monitored. Lagging indicators such as accident and near misses are reported monitored and corrective and preventive actions put in place.
RT-CH-320a.2		Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	Discussion & analysis	Chronic health risks: Physical chronic health risks such as ergonomic or musculoskeletal issues are assessed and risk reduction measures put in place to ensure exposure is minimised such as mechanical aids. Chemical chronic health risks are managed through choice of materials, wherever possible picking lower risk substances. Those personnel who have exposure to both physical and chemical health risks undertake an annual medical. Any concerns are passed back to HR and assessed for further methods of reducing risk.
RR-FC-410a.1	Product Efficiency	Average storage capacity of batteries, by product application and technology type	Specific energy (Wh/kg)	These metrics are omitted as they are not applicable to GeoPura; GeoPura uses fuel cells and batteries within its key technology (HPUs) but does not manufacture fuel cells. It is also considered too early to identify or report on operating lifetime of batteries and fuel cells used by GeoPura
RR-FC-410a.2		Average energy efficiency of fuel cells as (1) electrical efficiency and (2) thermal efficiency, by product application and technology type	Percentage (%)	
RR-FC-410a.3		Average battery efficiency as coulombic efficiency, by product application and technology type	Percentage (%)	
RR-FC-410a.4		Average operating lifetime of fuel cells, by product application and technology type	Hours (h)	
RR-FC-410a.5		Average operating lifetime of batteries, by product application and technology type	Number of cycles	

RR-FC-410b.1	Product End-of-Life Management	Percentage of products sold that are recyclable or reusable	Percentage (%) by weight	100%; All products that GeoPura use are designed for reuse and subject to frequent maintenance, service, repair and upgrade.
RR-FC-410b.2		(1) Weight of end-of-life material recovered, (2) percentage recycled	Metric tonnes (t), Percentage (%)	Components arising from this are recycled when possible.
RR-FC-410b.3		Description of approach to manage use, reclamation, and disposal of hazardous materials	Discussion & analysis	GeoPura is unable to provide weight data currently; GeoPura wastes are collected under 3rd party contract or through landlord provision.
RR-FC-440a.1 RT-EE-440a.1	Materials Sourcing	Description of the management of risks associated with the use of critical materials	Discussion & analysis	A critical material is defined as a material that is essential in use for the manufacture of our products but also subject to the risk of supply restriction. Such critical materials are anticipated to include precious and rare earth metals used in key GeoPura technology (electrolysers, fuel cells etc). No detailed risk assessment has been conducted to date regarding the continuity of supply of critical materials to GeoPura, although the supply contracts in place are expected to provide some degree of protection.
RT-CH-210a.1	Community Relations	Discussion of engagement processes to manage risks and opportunities associated with community interests	Discussion & analysis	See Charity and Community section of the Sustainability Report
RT-CH-410b.2	Safety & Environmental Stewardship of Chemicals	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human or environmental impact	Discussion & analysis	(1) We don't use any chemicals of concern as defined by ECHA. (2) Our materials that provide the greatest health or environmental risk are: Compressor Oil – specified by the compressor manufacturer, we cannot move away from this. Spill kits and hazardous waste streams are in place to handle any loss of containment events. Supercharger Oil - Small quantities are used in each HPU1 power unit, this is replaced on servicing, minimal amounts are required through the lifecycle of HPU1. "Dry running" superchargers are being used in HPU2, designing the Supercharger Oil out of the process. Potassium Hydroxide (Lye) – specified by the manufacturer for electrolyser stacks, we cannot move away from this. Spill kits and hazardous waste streams are in place to handle any loss of containment events. Minimum stocks of all materials are stored, minimising potential risks. Where one potential chemical of concern was specified, we opted for the higher cost, more environmentally friendly option.
RT-CH-530a.1	Management of the Legal & Regulatory Environment	Discussion of corporate positions related to government regulations or policy proposals that address environmental and social factors affecting the industry	Discussion & analysis	As detailed within the Management of Legal and Regulatory Position section of the 2025 Sustainability Report.
RT-CH-540a.1	Operational Safety, Emergency Preparedness & Response	Process Safety Incidents Count (PSIC), Process Safety Total Incident Rate (PSTIR), and Process Safety Incident Severity Rate (PSISR)	Number, rate	We currently do not measure Process Safety Incidents and cannot report PSIC, PSTIR or PSISR
RT-CH-540a.2		Number of transport incidents	Number	Zero (0) reportable transport incidents during the reporting year; Vehicle incidents were restricted to minor bumps and scrapes (i.e. no personal injuries, no vehicle recovery needed)

RT-EE-250a.2	Product Safety	Total amount of monetary losses as a result of legal proceedings associated with product safety	Presentation currency	Zero / not applicable
RT-EE-410a.1	Product Lifecycle Management	Percentage of products by revenue that contain IEC 62474 declarable substances	Percentage (%) by revenue	To our knowledge, GeoPura does not receive any component products from its supply chain that contain IEC 62474 declarable substances.
RT-EE-410a.2		Percentage of eligible products, by revenue, certified to an energy efficiency certification	Percentage (%) by revenue	None to report
RT-EE-410a.3		Revenue from renewable energy-related and energy efficiency-related products	Presentation currency	100% of revenue is from energy-related products
RT-EE-510a.1	Business Ethics	Description of policies and practices for prevention of: (1) corruption and bribery and (2) anti-competitive behaviour	Discussion & analysis	As detailed within the Ethics section of the 2025 Sustainability Report; (1) GeoPura operates in accordance with its Anti-Bribery and Business Integrity Policies (2) GeoPura operates in accordance with its Anti-Bribery and Business Integrity Policies
RT-EE-510a.2		Total amount of monetary losses as a result of legal proceedings associated with bribery or corruption	Presentation currency	Zero / not applicable
RT-EE-510a.3		Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behaviour regulations	Presentation currency	Zero / not applicable
SV-PS-230a.1	Data Sensitivity	Description of approach to identifying and addressing data security risks	Discussion & analysis	GeoPura has both a Data Protection Policy and an Information Security Policy, and internal controls in place to protect against data loss, accidental destruction, misuse or disclosure, and to ensure that data is not accessed, except by employees in the proper performance of their duties. This includes personal data, financial data, customer data and other intellectual property of GeoPura, across different media formats (cloud, hardware, network etc). The company uses software countermeasures (including anti-malware) and management procedures to protect against threat. Data security is supported by a third party technology partner (supporting us with IT, software and security). Two-factor authentication is our preferred option for ensuring data is kept secure. Where the organisation engages third parties to process data, such parties do so on the basis of written instructions, are under a duty of confidentiality and are obliged to implement appropriate technical and organisational measures to ensure the security of data. We expect business partners to hold Cyber Essentials certification as a minimum. Training on cyber security is part of all employee induction training, with annual mandatory refreshers for all staff. GeoPura only collects customer information through explicit opt-in processes, such as website forms and onboarding documentation. All data is stored securely in our cloud based CRM system and relevant invoicing and account management tools. Customers are given the opportunity to opt out at any stage. Where appropriate, NDAs are agreed, and all contractual obligations relating to data handling are fully upheld.
SV-PS-230a.2		Description of policies and practices relating to collection, usage, and retention of customer information	Discussion & analysis	
SV-PS-230a.3		(1) Number of data breaches, (2) percentage that (a) involve customers' confidential business information and (b) are personal data breaches, (3) number of (a) customers and (b) individuals affected"	Number, Percentage (%)	

				(1) GeoPura is not aware of any data breaches during the reporting period 2024-25 (2)(a) and (2)(b) not applicable (3)(a) and (3)(b) not applicable
SV-PS-330a.1	Workforce Diversity & Engagement	Percentage of (1) gender and (2) diversity group representation for (a) executive management, (b) non-executive management, and (c) all other employees	Percentage (%)	a) Executive management = 33% female, 66% male b) Non-executive management Not specified c) All other employees = 20% female, 80% male
SV-PS-330a.2		(1) Voluntary and (2) involuntary turnover rate for employees	Percentage (%)	(1) Voluntary turnover = 4% (2) Involuntary turnover = 2.4%
SV-PS-330a.3		Employee engagement as a percentage	Percentage (%)	Employee engagement; 92% of employees see themselves working here next year 86% of employees are happy with the current benefits package 83% of employees would recommend GeoPura as a good place to work
SV-PS-510a.1	Professional Integrity	Description of approach to ensuring professional integrity	Discussion & analysis	The GeoPura Code of Conduct sets out our reasonable expectations for professional behaviour. Our Anti-corruption and Business Integrity Policies also embed professionalism into our activities, and ongoing training reinforces this.
SV-PS-510a.2		Total amount of monetary losses as a result of legal proceedings associated with professional integrity	Presentation currency	Zero / not applicable

How Can We Work Together?

GeoPura is actively seeking partners who share our vision of a net-zero future. Whether you need reliable clean power, want to integrate hydrogen technology into your operations, or are looking to collaborate on decarbonisation projects, we're here to help.

By working together, we can deliver innovative energy solutions that drive meaningful impact for your organisation and the planet. Let's power the future—clean, reliable, and emission-free.

To learn more, contact us directly at the information below.

At GeoPura, we are proudly manufacturing our HPUs at scale in the UK in partnership with industry leader Siemens Energy, and investing in green hydrogen production to fuel these units.

SIEMENS energy

GeoPura®

Sustainable Power Now

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