

BBI Solutions Green House Gas Commitment Statement

Introduction

At BBI Solutions, we are dedicated to addressing the urgent challenges posed by climate change through meaningful and impactful actions. Recognising our responsibility as a leading provider of diagnostic and therapeutic solutions, we are committed to reducing our greenhouse gas (GHG) emissions and promoting sustainability across all facets of our operations.

1. Organisation Structure and Supply Chain

Our Business

BBI Solutions offers a portfolio of products and services that provide diagnostic, healthcare, research, defence and food industries globally. We have manufacturing facilities in the UK, European Union, North America and South Africa.

BBI Solutions is committed to conducting its business in an ethical, legal and socially responsible manner. We expect similar principled conduct from those with whom we have commercial dealings.

2. United Nation Goals

In 2015, the United Nations launched its Sustainable Goals which covers 17 different areas of sustainability. At BBI we have aligned our approach to these goals, with particular attention paid to six pillars of sustainability:

- Good Health and Wellbeing
- Gender Equality
- Clean Water and Sanitation
- Affordable and Clean Energy
- Responsible Consumption and Production
- Climate Action

3. Science Based Target initiative (SBTi)

BBI Solutions is proud to announce its commitment to setting near-term company-wide emission reductions in line with climate science through the Science Based Targets initiative (SBTi). This commitment underscores our dedication to aligning with the global goal of limiting temperature rise to 1.5°C above pre-industrial levels, in accordance with the Paris Agreement. By developing and committing to SBTi-validated targets, we aim to reduce our greenhouse gas emissions across our operations and value chain within the next 5-10 years. Through this initiative, we will enhance our sustainability strategy and improve operational efficiencies. Our commitment to SBTi also provides greater transparency and accountability, ensuring that our progress is measurable and in line with internationally recognised climate goals.

Please Note: We have committed to SBTi and have not yet had our targets validated and approved by SBTi.

4. Our Policy on Green House Gas Emissions

As part of our Environmental, Social and Governance Policy the Company will encourage its employees and business partners to conduct activities in an environmentally responsible manner by:

- Supporting local environment sustainability initiatives such as energy saving, green travel or waste reduction programmes.
- Challenging unsustainable activities such as the wasteful use of water.
- Being vigilant with respect to reporting any environmental risks, hazards or situations which do not appear right, including any potential regulatory breaches and considering environmental risks.
- Monitoring and aligning with key regulations.
- Attempting to reduce material consumption through process optimisation and plastic reduction.
- Implementing actions to prevent emissions of atmospheric pollutants and other environmental nuisances (e.g. noise, odour, dust, particulate matter, vibration, road and light).
- Considering, managing and assessing climate change risks using a climate change risk assessment.
- Considering material topics and ensuring key KPIs, targets and mitigations are managed within a Materiality Assessment.
- Implement a decarbonisation plan

5. Objectives:

- Our qualitative objectives such as reducing reliance on fossil fuels, decarbonisation plan and promoting the adoption of clean technologies shows the Company's dedication to environmental stewardship.
- Our quantitative targets to decrease emissions intensity ratio year on year by 5%.
- The key issues and risks for BBI around energy consumption and greenhouse gases would be location-based supplier fossil fuel dependency, energy inefficiencies within operations, energy poverty, climate change and energy transition challenges.

6. Our Commitment to a Sustainable Future

- **Energy Efficiency and Renewable Energy:** We will enhance energy efficiency across our facilities and operations by adopting best practices and cutting-edge technologies. Our aim is to source 100% of our electricity from renewable energy sources by 2050.
- **Sustainable Product Development:** We are dedicated to designing and manufacturing products with minimal environmental impact. This includes using sustainable materials, reducing waste, and ensuring that our products support a circular economy.
- **Stakeholder Engagement:** We will actively engage with our stakeholders, including employees, customers, suppliers, and the broader community, to promote transparency and accountability in our GHG reduction efforts. Regular updates on our progress will be shared through our bi-annual sustainability report.
- **Innovation and Collaboration:** We will invest in research and development to pioneer new solutions that address climate change and environmental sustainability. By collaborating with industry partners, academic institutions, and governmental bodies, we aim to drive collective action and innovation.
- **Employee Involvement:** We recognise that our employees are crucial to achieving our sustainability goals. We will foster a culture of environmental stewardship by providing education, resources, and opportunities for our team to contribute to our GHG reduction initiatives.
- **Compliance and Reporting:** We will adhere to all relevant environmental regulations and standards. Our GHG emissions and sustainability efforts will be transparently reported with our internal and external stakeholders from 2025.

7. BBI Solutions OEM Ltd, Green House Gas Emissions (tonnes CO₂e)*

When analysing data from 2022 versus 2023, our overall intensity ratio decreased from 405 tCO₂e/revenue (£m) to 342 tCO₂e/revenue (£m).

- Scope 1 emissions, covering company facilities and vehicles, increased slightly from 295 tCO₂e to 298 tCO₂e due to natural annual data variance.
- Scope 2 emissions from purchased electricity and related utilities saw a decrease in total emissions from 4,457 tCO₂e to 4,397 tCO₂e, due to driving energy reduction initiatives across all operational sites.
- Scope 3 emissions showed significant reductions in key categories, such as purchased goods and services from 22,233 tCO₂e to 15,513 tCO₂e and waste generated in operations from 91 tCO₂e to 82 tCO₂e. However, emissions from capital goods increased from 1,844 tCO₂e to 4,900 tCO₂e, due to infrastructure investments and site expansion at our headquarters in the United Kingdom to support our new recombinant and antigen facilities.

When we look at data from 2023 versus 2024, our overall intensity ratio increased from 342 tCO₂e/revenue (£m) to 370 tCO₂e/revenue (£m).

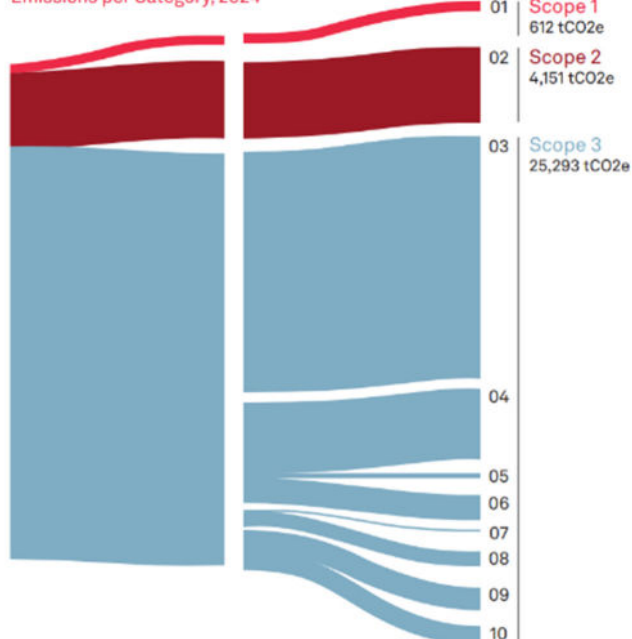
- Scope 1 emissions covering company facilities and vehicles, increased from 298 tCO₂e to 612 tCO₂e. We saw an increase in our fluorinated gas category due to an increase in equipment and equipment maintenance for our new recombinant and antigen facilities at our Crumlin site. However, gas and company vehicle usage, decreased from a combined total of 158 tCO₂e to 134 tCO₂e, reflecting an improvement in operational efficiency.
- Scope 2 emissions from purchased electricity and related utilities also saw a decrease in total emissions from 4,397 tCO₂e to 4,151 tCO₂e, due to driving energy reduction initiatives across all operational sites.
- Scope 3 emissions showed significant reductions in key categories, such as capital goods from 4,900 tCO₂e to 3,996 tCO₂e and waste generated in operations from 82 tCO₂e to 68 tCO₂e. However, emissions from goods and services increased from 15,513 tCO₂e to 18,402 tCO₂e due to infrastructure investments and site expansion in the United Kingdom and an increase in business travel from 388 tCO₂e to 517 tCO₂e, due to increased visits to our new site in Canada to support integration into the business.

At BBI we are working to improve our emissions inventory and data accuracy - For Scope 1 (direct emissions) and Scope 2 (indirect emissions from purchased energy), the company are implementing real-time monitoring technologies at facilities with high energy usage, and we are working towards improved management and reporting of fluorinated gas and fuel usage for company vehicles. For Scope 3 (indirect emissions across the value chain), we are working closely with third parties to collate more reliable emissions data, which will improve transparency throughout our supply chain.

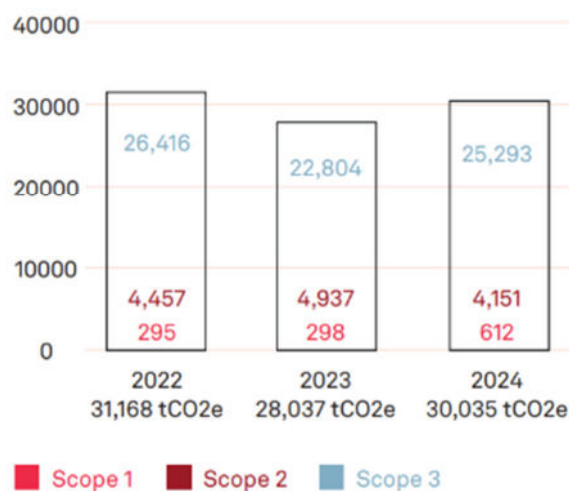
**At BBI, we conduct an annual carbon footprint assessment to measure our climate impact, with 2022 set as our baseline. This is completed in line with the Reporting Standard of the Greenhouse Gas Protocol Initiative. Our Scope 2 data is focused on location-based emissions, which means we use average grid emissions factors for the region where the electricity consumption occurs.*

BBI Solutions OEM Ltd, Green House Gas Emissions (tonnes CO₂e)

Emissions per Category, 2024



Emissions in tCO₂e



BBI Solutions OEM Ltd, Green House Gas Emissions 2024 (tonnes CO₂e)

Graph Ref No.	Scope & Category	Emissions (tCO ₂ e)	Share of Total Emissions (%)
01	Scope 1 Company Facilities & Company Vehicles	612	2.04
02	Scope 2 Purchased Electricity (Location Based)	4151	13.82
	Scope 3 (Upstream)		
03	C1: Purchase Goods & Services	18402	61.27
04	C2: Capital Goods	3996	13.30
05	C3: Fuel and Energy Related Activities	139	0.46
06	C4: Upstream Transport & Distribution	758	2.52
07	C5: Waste Generated in Operations	68	0.23
08	C6: Business Travel	538	1.72
09	C7: Employee Commuting	754	2.51
	Scope 3 (Downstream)		
10	C9: Downstream Transport & Distribution	639	2.13

Exclusions:

Category 5 – Waste data for Shanghai site due to premises being landlord owned and communal bins – no access to data. Waste data for our Canada site due to data availability - Canadian site was integrated into BBI in April 2024.
 Category 5 – Effluent Discharge data availability for United States, Shanghai and Porton Down, UK site. Landlord owned and/or shared premises and no access to data. Effluent data for our Canada site due to data availability - Canadian site was integrated into BBI in April 2024.
 Category 6 – Travel data not currently available for the United States, Canada and APAC.
 Category 8 – Non-Applicable – BBI do not have any leased assets
 Category 10 – Non-Applicable – Our Products do not consume energy.
 Category 11 – Non-Applicable - Our Products do not consume energy.
 Category 12 – Data not currently available.
 Category 13 – Non-Applicable – BBI do not have any downstream leased assets
 Category 14 – Non-Applicable – BBI do not have any franchises
 Category 15 – Non-Applicable – BBI do not manage investments

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Damian Evans, Chief Sustainability and Integration Officer