

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 five pillars of sustainability:

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

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.

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 global 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.
- The key issues and risks for BBI around energy consumption and greenhouse gases would be 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)*

At BBI, the manner in which we consume energy has improved with our overall intensity ratio dropping from 464.55 tCO₂e/revenue £m to 397.16 tCO₂e/revenue £m, signifying enhanced energy productivity relative to financial performance.

BBI Solutions OEM Ltd has demonstrated notable changes in its greenhouse gas emissions between 2022 and 2023.

- Scope 1 emissions, covering company facilities and vehicles, decreased from 233.76 tCO₂e to 193.37 tCO₂e, reflecting an improvement in operational efficiency.
- Scope 2 emissions from purchased electricity and related utilities also saw a decrease in total emissions from 4457.19 tCO₂e to 4397.27 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 22,233.08 tCO₂e to 15,513.17 tCO₂e) and waste generated in operations (from 91.53 tCO₂e to 50.47 tCO₂e). However, emissions from capital goods increased from 1,843.92 tCO₂e to 4,899.83 tCO₂e, due to infrastructure investments and site expansion at in the UK..

At BBI we are working to improve our emissions inventory and also working towards doing more work to improve data availability and data accuracy.


**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)

Scope & Category	2022 (Baseline) tCO2e	2022 % of tCO2e	2023 tCO2e	2023 % of tCO2e
Scope 1 Company Facilities & Company Vehicles	233.76	0.75	193.37	0.71
Scope 2 Purchased Electricity, Steam, Heating and Cooling (Location Based)	4457.19	14.34	4397.27	16.07
Scope 3 (Upstream)	-	-	-	-
C1: Purchase Goods & Services	22233.08	71.53	15513.17	56.70
C2: Capital Goods	1843.92	5.93	4899.83	17.91
C3: Fuel and Energy Related Activities	145.93	0.47	142.95	0.52
C4: Upstream Transport & Distribution	627.21	2.02	556.8	2.04
C5: Waste Generated in Operations	91.53	0.29	50.47	0.30
C6: Business Travel	224.21	0.72	354.37	1.27
C7: Employee Commuting	603.79	1.94	603.79	2.23
Scope 3 (Downstream)	-	-	-	-
C9: Downstream Transport & Distribution	622.31	2.00	615.47	2.25
Intensity Ratio (tCO2e/Revenue £m)	464.55	-	397.16	-

Exclusions:

- Cat 5 – Waste data for our China site due to landlord owned and communal bins. Data not available.
- Cat 5 – Effluent Discharge - No Data for Maine, China and Porton Down site. Landlord owned/shared premises and no access to data.
- Cat 6 – Data not currently available for travel data for US and APAC.
- Cat 8 – Non-Applicable – BBI do not have any leased assets
- Cat 10 – Non-Applicable – Products as we sell it does not consume energy.
- Cat 11 – Non-Applicable - Products as we sell it does not consume energy.
- Cat 12 – Data not currently available
- Cat 13 – Non-Applicable – BBI do not have any downstream leased assets
- Cat 14 – Non-Applicable – BBI do not have any franchises
- Cat 15 – Non-Applicable – BBI do not manage investments

Signature: 

Damian Evans, Chief Sustainability and Integration Officer