

# 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 Nations 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 shows 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 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. Our commitment to SBTi 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 or hazards 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.
- Considering material topics and ensuring key KPIs, targets and mitigations are monitored and reported.
- Implement a decarbonisation strategy

#### 5. Objectives:

- Our qualitative objectives such as reducing reliance on fossil fuels, promoting the adoption of clean technologies, implementing a decarbonisation plan and work closely with third parties to collate more reliable emissions data.
- Our quantitative target is 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 and climate change.

#### 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 2030.
- **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, 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 provide 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.

## 7. BBI Solutions OEM Ltd, Green House Gas Emissions (tonnes CO<sub>2</sub>e)\*

When we look at data from 2024 versus 2025, our overall intensity ratio decreased from:

- Location Based: 373 tCO<sub>2</sub>e/revenue(£m) to 226 tCO<sub>2</sub>e/revenue(£m)
- Market Based: 363 tCO<sub>2</sub>e/revenue(£m) to 218 tCO<sub>2</sub>e/revenue(£m).
- Scope 1 emissions covering company facilities and vehicles, decreased from 613 tCO<sub>2</sub>e to 573 tCO<sub>2</sub>e. We saw an increase in our gas category due to our site expansion for our new recombinant and antigen facilities at our Crumlin site and due to our newly installed effluent plant which uses gas as a source of energy. However, fluorinated gases reduced from 478 tCO<sub>2</sub>e to 427 tCO<sub>2</sub>e due to a reduction in the use of gases with a high global warming impact and our company vehicle usage decreased from 8 tCO<sub>2</sub>e to 2 tCO<sub>2</sub>e due to removing the use of 3 company vehicles since 2024.
- Scope 2 emissions from purchased electricity and related utilities also saw a decrease in total emissions due to a reduction in the conversion factor value for the UK.
  - Location Based: decreased from 4,179 tCO<sub>2</sub>e to 3,956 tCO<sub>2</sub>e
  - Market Based: decreased from 3,388 tCO<sub>2</sub>e to 3,276 tCO<sub>2</sub>e
- Scope 3 emissions showed significant reductions in key categories, such as:
  - Purchase Goods & Services (OPEX) from 18401.52 tCO<sub>2</sub>e to 8465.29 tCO<sub>2</sub>e (-54%) due to a significant decrease in the conversion factor value.
  - Purchase Goods & Services (CAPEX) from 3995.82 tCO<sub>2</sub>e to 1333.14 tCO<sub>2</sub>e (-67%) due to a significant decrease in the conversion factor value.
  - Fuel and Energy Related Activities from 139.14 tCO<sub>2</sub>e to 136.97 tCO<sub>2</sub>e (-2%) due to a decrease in the conversion factor value.
  - Business Travel from 538.16 tCO<sub>2</sub>e to 426.75 tCO<sub>2</sub>e (-21%) due to a reduction in travel versus the year prior – specifically for hire car, taxi & train usage and hotels.
  - End of Life of Products Sold from 2.23 tCO<sub>2</sub>e to 0.85 tCO<sub>2</sub>e (-62%) due to natural variation in product volumes ordered.

However, emissions from:

- Upstream Transportation & Distribution has increased from 950.96 tCO<sub>2</sub>e to 969.75 tCO<sub>2</sub>e, due to our integration project for our Canadian site to the UK and also inflation of transportation and distribution costs.
- Waste in Operations has increased from 64.57 tCO<sub>2</sub>e to 70.34 tCO<sub>2</sub>e due to an increase in our hazardous waste stream and also an increase in our effluent discharge volumes due to natural variation, introduction of Canadian site waste and the introduction of new processes, which has resulted in the use of more hazardous waste and effluent discharge.
- Employee Commuting has increased from 753.60 tCO<sub>2</sub>e to 891.89 tCO<sub>2</sub>e due to participation of survey tripling compared to 2024, which means we have obtained more accurate data. We do have a few sites that are not based near public transport and people have to use vehicles over the sustainable alternatives.
- Downstream Transportation & Distribution has increased from 639.01 tCO<sub>2</sub>e to 885.07 tCO<sub>2</sub>e, inflation of transportation and distribution costs.

Since 2024, BBI have improved their Scope 1-3 reporting by:

- including our Canadian facility data
- including Category 12 data into Scope 3 reporting
- including both location-based and market-based data for Scope 2
- including business travel data for USA and Canada from 2025

At BBI we are working to improve our emissions inventory and data accuracy.

For Scope 1 (direct emissions), the company are implementing key projects, within our facilities with high gas, fuel and fluorinated gas usage, to put reduction measures in place where feasible and improve behaviours.

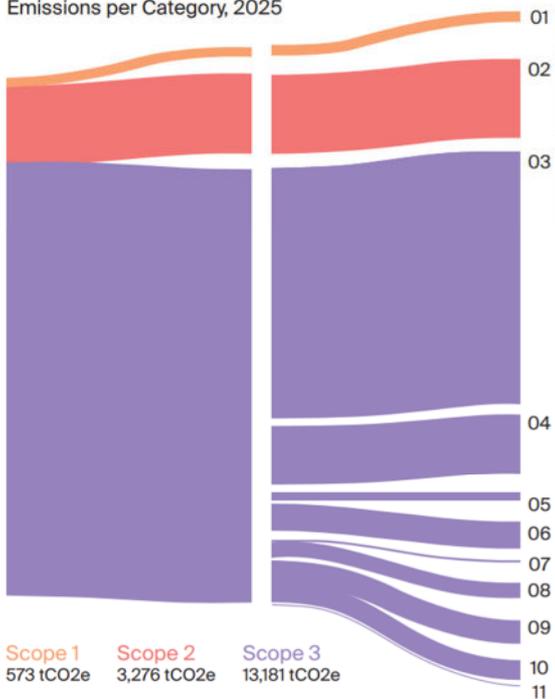
Scope 2 (indirect emissions from purchased energy), the company are implementing real-time monitoring technologies at facilities with high energy usage and investigating renewable energy options for high usage sites.

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 and accuracy 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 and market-based emissions.*

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

Emissions per Category, 2025



Emissions in tCO2e



## BBI Solutions OEM Ltd, Green House Gas Emissions (Market Based) 2025 (tonnes CO<sub>2</sub>e)

Graph Ref No.	Scope & Category	Emissions (tCO <sub>2</sub> e)	Share of Total Emissions (%)
01	<b>Scope 1</b> Company Facilities & Company Vehicles	573.34	3.37
02	<b>Scope 2</b> Purchased Electricity (Location Based)	3956.14	-
02	<b>Scope 2</b> Purchased Electricity (Market Based)	3275.61	19.23
	<b>Scope 3 (Upstream)</b>		
03	<b>C1:</b> Purchase Goods & Services	8465.29	49.71
04	<b>C2:</b> Capital Goods	1333.14	7.83
05	<b>C3:</b> Fuel and Energy Related Activities	136.97	0.80
06	<b>C4:</b> Upstream Transport & Distribution	969.75	5.69
07	<b>C5:</b> Waste Generated in Operations	70.34	0.41
08	<b>C6:</b> Business Travel	426.75	2.51
09	<b>C7:</b> Employee Commuting	891.89	5.24
	<b>Scope 3 (Downstream)</b>		
10	<b>C9:</b> Downstream Transport & Distribution	885.73	5.20
11	<b>C12:</b> End of Life of Products Sold	0.85	<0.01

**Exclusions:**  
 Category 5 – Waste data for Shanghai site due to premises being landlord owned and communal bins – no access to data.  
 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 and closed in Dec 2025.  
 Category 6 – Travel data not currently available for the 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 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

Signature: 

Damian Evans, Chief Sustainability and Integration Officer