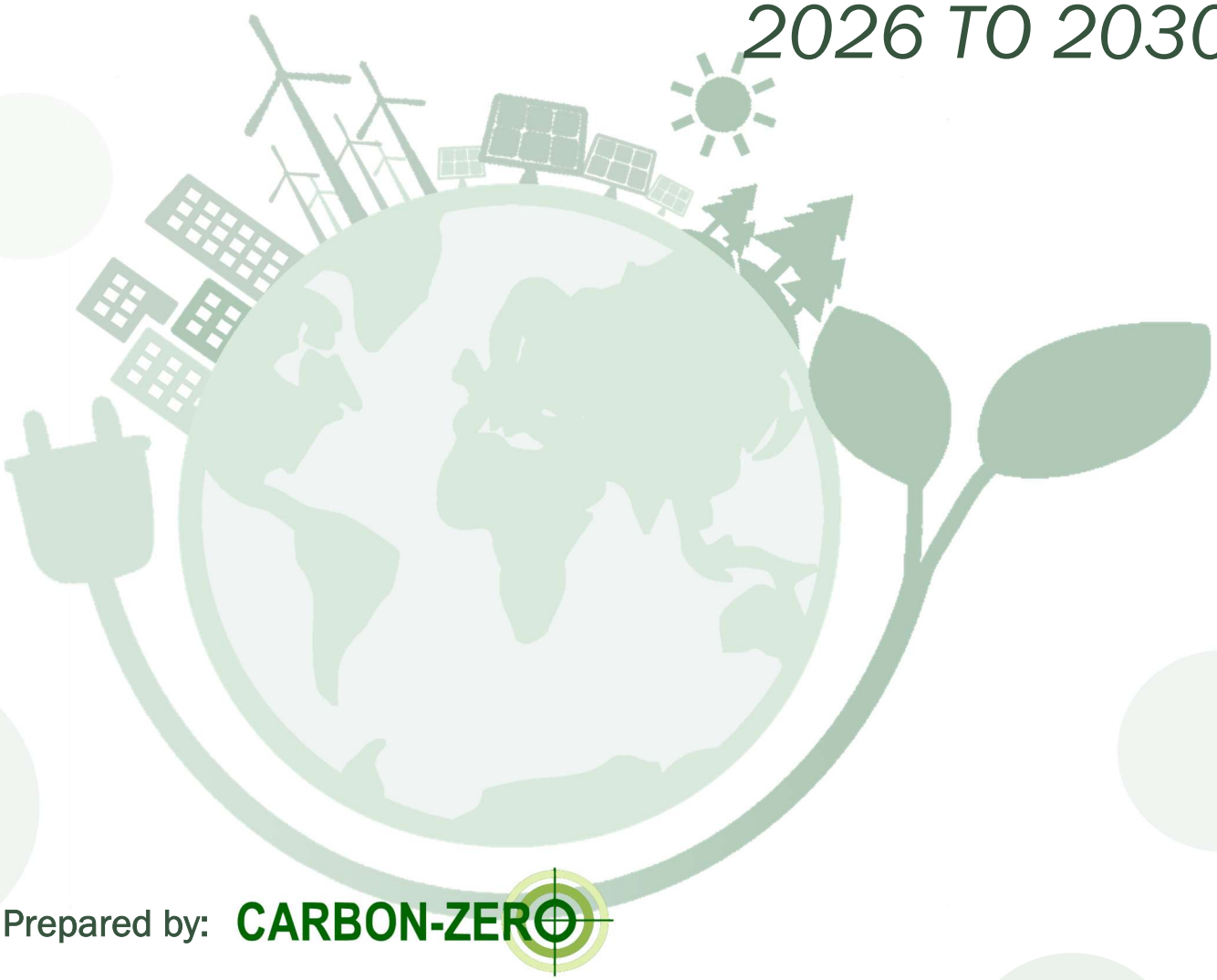
2026 CRP

TECHDOW UK

CARBON REDUCTION PLAN SUMMARY DOCUMENT *2026 TO 2030*



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1. Executive Summary

This Carbon Reduction Plan sets out ambitions for Techdow Pharma England (Techdow UK) and acts a roadmap for progress. The emissions from corporate and global headquarters are not considered as part of this plan as these would be assigned to Shenzhen Techdow Pharmaceutical Co and Shenzhen Hepalink Pharmaceutical Co Ltd. Reducing carbon emissions is not just about commitment to the environment. The same processes used to identify carbon emissions reduction will also identify and realise financial savings through improved efficiency in the procurement and operation of buildings, transport, manufacturing, and supply processes. The actions outlined within this Carbon Reduction Plan form part of an efficiency plan to reduce consumption and provide value for money.

Reductions will be achieved through a range of projects including renewable energy sourcing, travel policies and changes to the manufacturing and supply processes. This Carbon Reduction Plan is viewed as a 'live' document and will be updated annually with project updates.

The 2024 baseline carbon footprint was calculated to be 3,863.6 tonnes of carbon dioxide equivalent (t CO2e). Emissions associated with the manufacture of medication accounted for 27% of the total emissions. As medication production is not conducted by Techdow they do not have direct control over any reduction opportunities. As such, this Carbon Rection Plan will focus on the emissions sources within their influence - emissions Techdow UK has direct (operational) influence/control as well as some indirect influence over.

Techdow UK Emissions	Current Emissions (2025)	Baseline Emissions (2024)
Controlled Emissions (t CO2e)	2,925.6	2,805.1
Outwith Control (t CO2e)	1,406.0	1,058.4
TOTAL	**4,331.7**	**3,863.6**
Emissions Intensity (Tonnes CO2e per 1,000 units sold)	**0.1486**	**0.1761**

Techdow UK is committed to achieving Net Zero emissions by 2045

Techdow UK have established short term targets on their journey to Net Zero. **By 2030, Techdow UK aim to reduce their carbon emissions by around 10%**, saving approximately 408 tonnes CO2e.

2. Scope and Boundaries of the Carbon Footprint

The scope of this assessment extends to the carbon emissions associated with Techdow UK's annual business operations. The reporting methodology has been aligned to the GHG Protocol Corporate and Value Chain Standards. The inclusion of scope had been aligned to the mandatory reporting requirements identified by NHS England. The figure below details the mandatory and recommended emissions sources as outlined in these standards, along with confirmation of their inclusion.

Table 1 Scope of Carbon Emissions Assessment

GHG Assessment Emissions Sources					Required or Optional (NHS)	Included in Scope
Category	Emissions Source Category (Aligned to GHG Protocol Corporate and Value Chain Standards)					
Scope 1	Direct emissions arising from owned, leased or directly controlled stationary sources that use fossil fuels and/or emit fugitive emissions.				**Required**	✓
	Direct emissions from owned, leased or directly controlled mobile sources.				**Required**	✓
Scope 2	Location-based emissions from the generation of purchased electricity, heat, steam or cooling.				**Required**	✓
	Market-based emissions from the generation of purchased electricity, heat, steam or cooling.				**Required**	✓
Scope 3– Upstream	1	Purchased goods and services			Optional	✓
	2	Capital goods			Optional	✓
	3	Fuel and energy related activities (not included in Scope 1 or 2)	3a	Upstream emissions of purchased fuels	Optional	✓
			3b	Upstream emissions of purchased electricity	Optional	✓
			3c	Transmission and distribution (T&D) losses	Optional	✓
	4	Upstream transportation & distribution.	Outbound courier deliveries of packages		**Required**	✓
			Third-party transportation and storage of inbound production related goods		**Required**	✓
	5	Waste generated	Waste treatment		**Required**	✓
	6	Business travel	All transportation by air, public transport, rented/leased vehicles and taxi.		**Required**	✓
			Emissions arising from hotel accommodation associated with business travel.		**Required**	✓
	7	Employee commuting	Employee transport between home and places of work.		**Required**	✓
			Emissions from employee home and remote working.		**Required**	✓
	8	Upstream leased Assets	Operation of assets leased by the reporting company in the reporting year and not included in scope 1 and 2.		Optional	✗ *
Scope 3- Downstream	9	Downstream transportation and distribution			**Required**	✓
	10	Processing of sold products			Optional	✓
	11	Use of sold products			Optional	✓
	12	End of life Treatment			Optional	✓
	13	Downstream leased Assets			Optional	✓
	14	Franchises			Optional	✗ *
	15	Investments			Optional	✗ *

** excluded as not relevant to Techdow UK business operations*

Techdow UK have included emissions from packaging materials and capture estimated pharmaceutical emissions in alignment with NHS requirements.

3. Current Emissions

Techdow UK undertook an original baseline carbon assessment in 2022. Techdow UK have since expanded assessment scope to ensure a comprehensive coverage of emissions and compliance with Evergreen reporting requirements. Most recently Techdow UK had their 2024 carbon assessment independently verified by Carbon-Zero and as such the 2024 carbon assessment has been adopted as the baseline year for this Carbon Reduction Plan.

3.1 Baseline Emissions (2024)

Since the 2024 assessment was conducted and verified a correction to medication packaging weights was issued by the manufacturer. It is understood that prior to 2023 a different administration device was used and that when that was updated in 2024 the manufacturer did not provide updated packaging weights. As such Purchase Goods and Services has been updated in the below 2024 emissions table and the below applied as a baseline.

Table 2 Baseline Emissions (2024)

GHG Assessment Emissions Sources			Tonnes CO2e	%
Category	Emissions Source Category (Aligned to GHG Protocol Corporate and Value Chain Standards)			
Scope 1	Direct emissions arising from owned, leased or directly controlled stationary sources that use fossil fuels and/or emit fugitive emissions.		0.00	0.0%
	Direct emissions from owned, leased or directly controlled mobile sources.		0.00	0.0%
Scope 2	Location-based emissions from the generation of purchased electricity, heat, steam or cooling.		2.82	0.1%
	Market-based emissions from the generation of purchased electricity, heat, steam or cooling.		0.00	0.0%
Scope 3– Upstream	1	Purchased goods and services	3,040.90	78.7%
	2	Capital goods	7.91	0.2%
	3	Fuel and energy related activities (not included in Scope 1 or 2)	157.50	4.1%
	4	Upstream transportation & distribution.	94.98	2.5%
	5	Waste generated	0.01	0.0%
	6	Business travel	16.61	0.4%
	7	Employee commuting and homeworking	1.68	0.04%
	8	Upstream leased Assets	0.00*	0.0%
Scope 3- Downstream	9	Downstream transportation and distribution	532.43	13.8%
	10	Processing of sold products	0.00	0.0%
	11	Use of sold products	0.00	0.0%
	12	End of life Treatment	8.70	0.2%
	13	Downstream leased Assets	0.00	0.0%
	14	Franchises	0.00*	0.0%
	15	Investments	0.00*	0.0%
Total Emissions			**3,863.6**	

* excluded emissions categories not relevant to Techdow UK business operations

Based on the 2024 verified carbon assessment report around 27% of emissions associated with Techdow UK's operations are associated with medication production and the medicine raw materials. As this is manufactured by the external Techdow Group based in China, Techdow UK do not have control over the compounds used in its manufacture.

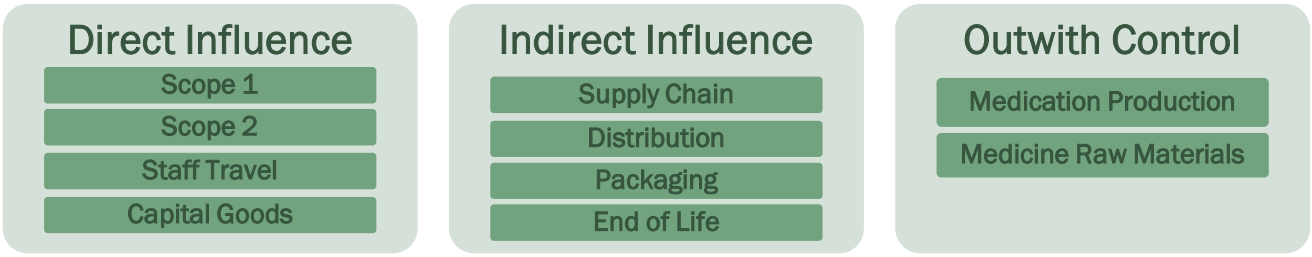
Due to the medicinal nature of the product, it is likely the materials used in the production of medications are not interchangeable with lower carbon alternatives, therefore emissions savings from pharmaceuticals are unlikely. This Carbon Reduction Plan will focus on the emission sources that lie either directly or indirectly within Techdow UK's control.

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3.2 Controlled Emissions

When looking to reduce carbon emissions, the emissions sources can be split into direct and indirect influence areas. Additionally, medication production is deemed outwith control, due to the nature of pharmaceuticals; it is likely the materials used in the production of medications are not interchangeable with lower carbon alternatives, therefore emissions savings from pharmaceuticals are constricted and considered generally outwith Techdow UK's influence and control.

This Carbon Reduction Plan will focus on the emission sources that lie within Techdow UK's control and influence, examples of each are included below.



Emissions within a company's direct influence are typically easier to address as they are less reliant on external parties and processes. The largest emissions sources under indirect influence are the supply chain and distribution elements. These are elements where Techdow UK may have options when sourcing third party contracts to specify or pay for carbon reducing strategies (such as using companies that use more electric freight vehicles, biofuel or renewable electricity), but don't directly control.

The 2024 baseline emissions considering all sources within Techdow UK's direct and indirect influence, excluding emissions outwith control, was 2,805.1 tonnes CO2e (referred to as controlled emissions in this report). Table 3 below highlights Techdow's baseline emission by source and type of emission control.

Table 3 Baseline Carbon Emissions (2024) by Control

GHG Assessment Emissions Sources			Emission Control	tonnes CO2e
Category	Emissions Source Category			
Scope 1	Direct emissions arising from owned, leased or directly controlled stationary & mobile sources		*Direct Influence*	0.00
Scope 2	Location-based emissions from the generation of purchased electricity, heat, steam or cooling.		*Direct Influence*	2.82
Scope 3	1	Purchased Goods and Services	*Indirect Influence*	1,982.46
			Outwith Control	1,058.44
	2	Capital Goods	*Direct Influence*	7.91
	3	Fuel and Energy Related Activities	*Indirect Influence*	157.50
	4	Upstream Transportation & Distribution.	*Indirect Influence*	94.98
	5	Waste Generated (Waste Treatment, Water Supply & Treatment)	*Indirect Influence*	0.02
	6	Business Travel	*Direct Influence*	16.61
	7	Employee Commuting & Homeworking	*Indirect Influence*	1.68
	8	Upstream Leased Assets	*N/A*	0.00
	9	Downstream Transportation and Distribution	*Indirect Influence*	532.43
	10	Processing of Sold Products	*Outwith Control*	0.00
	11	Use of Sold Products	*Outwith Control*	0.00
	12	End of Life Treatment	*Indirect Influence*	8.70
	13	Downstream Leased Assets	*Indirect Influence*	0.00
	14	Franchises	*N/A*	0.00
	15	Investments	*N/A*	0.00
Total Emissions				**3,863.6**

It is estimated at least 0.7% of Techdow UK's total annual emissions are generated from sources with direct influence and 71.9% within indirect influence, and the remaining 27.4% considered outwith control (medication production). The table below summarises the emissions Techdow UK has direct (operational) control and indirect influence over, and thus the emissions this Carbon Reduction Plan will focus on.

Table 4 Techdow UK 2024 Controlled Emissions

Source	Direct Influence Emissions (t CO2e)	Indirect Influence Emissions (t CO2e)	Outwith Control (t CO2e)
Scope 1	0.00	0.00	0.00
Scope 2	2.82	0.00	0.00
Scope 3	24.52	2,777.77	1,058.44
TOTAL	**27.3**	**2,777.8**	**1,058.4**



* Controlled emissions: emissions Techdow UK has direct (operational) influence/control and indirect influence over

3.3 Current Emissions (2025)

The table below summarises the most recent carbon assessment year for Techdow UK – 2025.

Table 5 Current Carbon Emissions (2025)

GHG Assessment Emissions Sources			Tonnes CO2e	%
Category	Emissions Source Category (Aligned to GHG Protocol Corporate and Value Chain Standards)			
Scope 1	Direct emissions arising from owned, leased or directly controlled stationary sources that use fossil fuels and/or emit fugitive emissions.		0.00	0.0%
	Direct emissions from owned, leased or directly controlled mobile sources.		0.00	0.0%
Scope 2	Location-based emissions from the generation of purchased electricity, heat, steam or cooling.		1.64	0.04%
	Market-based emissions from the generation of purchased electricity, heat, steam or cooling.		0.00	0.0%
Scope 3– Upstream	1	Purchased goods and services	4,007.58	92.5%
	2	Capital goods	1.94	0.0%
	3	Fuel and energy related activities (not included in Scope 1 or 2)	60.37	1.4%
	4	Upstream transportation & distribution.	96.06	2.2%
	5	Waste generated	0.01	0.0%
	6	Business travel	17.92	0.4%
	7	Employee commuting and homeworking	1.49	0.03%
	8	Upstream leased Assets	0.00*	0.0%
Scope 3- Downstream	9	Downstream transportation and distribution	135.13	3.1%
	10	Processing of sold products	0.00	0.0%
	11	Use of sold products	0.00	0.0%
	12	End of life Treatment	9.52	0.2%
	13	Downstream leased Assets	0.00	0.0%
	14	Franchises	0.00*	0.0%
	15	Investments	0.00*	0.0%
Total Emissions				

* excluded emissions categories

Based on the 2025 emissions around 32% of emissions associated with Techdow UK's operations are associated with medication production and the medicine raw materials. As this is manufactured by the external Techdow Group based in China, Techdow UK do not have control over the compounds used in its manufacture.

Due to the medicinal nature of the product, it is likely the materials used in the production of medications are not interchangeable with lower carbon alternatives, therefore emissions savings from pharmaceuticals are

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unlikely. This Carbon Reduction Plan will focus on the emission sources that lie either directly or indirectly within Techdow UK's control.

Table 6 Techdow UK 2025 Controlled Emissions

Source	Direct Influence Emissions (t CO2e)	Indirect Influence Emissions (t CO2e)	Outwith Control (t CO2e)
Scope 1	0.00	0.00	0.00
Scope 2	1.64	0.00	0.00
Scope 3	19.86	2,904.12	1,406.04
TOTAL	21.5	2,904.1	1,406.0



* Controlled emissions: emissions Techdow UK has direct (operational) influence/control and indirect influence over

3.4 Emissions Trends

While overall Techdow Emissions appear to have increased since the 2024 baseline, it is noted that relative to the number of syringe units sold emissions have effectively decreased.

Table 7 Carbon Emissions Comparisons

Scope	Source	2025 Emissions (t CO2e)	2024 Emissions (t CO2e)	Difference (t CO2e)	Difference %	Comments
Scope 2	Electricity Use	1.11	1.19	-0.09	-7.3%	
	EV Electricity Use	0.54	1.63	-1.09	-67.2%	
Scope 3	Purchased Goods and Services	4,007.58	3,040.90	+966.68	+31.8%	Increase in manufacturing quantities
	Capital Goods	1.94	7.91	-5.96	-75.4%	
	Upstream Fuel and Energy Activities: Upstream emissions of purchased fuels	56.55	153.69	-97.31	-63.3%	Tied closely to freighting emissions – overestimate acknowledged in 2024
	Upstream Fuel and Energy Activities: Upstream emissions of purchased electricity	2.68	2.74	+0.11	+4.1%	
	Upstream Fuel and Energy Activities: Transmission and distribution (T&D) losses	1.14	1.08	+0.06	+6.0%	
	Upstream transportation & distribution	96.06	94.98	+1.08	+1.1%	
	Waste Generated: Waste Treatment	0.00	0.00	-	-	
	Waste Generated: Water Supply and Treatment	0.01	0.02	-0.004	-31.9%	
	Business Travel: Air Travel	9.49	5.73	+3.76	+65.6%	
	Business Travel: Hotel Stays	0.91	1.27	-0.36	-28.4%	
	Business Travel: Land Travel	7.52	9.61	-2.09	-21.8%	
	Employee Commuting and Homeworking	1.49	1.68	-0.20	-11.7%	
	Downstream Transportation and Distribution	135.13	532.43	-397.30	-74.6%	Over estimation in 2024 acknowledged in verification, improved data collection for 2025

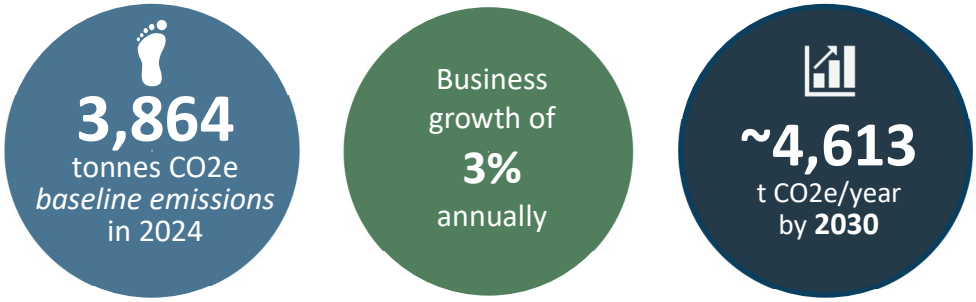
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	Processing of Sold Products	0.00	0.00	-	-	
	Use of Sold Products	0.00	0.00	-	-	
	End of Life Treatment	9.52	8.70	+0.82	+9.4%	Increase in manufacturing quantities
	Downstream Leased Assets	0.00	0.00	-	-	
TOTAL (tonnes CO2e)		4,331.7	3,863.6	+468.11	+12.1%	
Syringe units sold		29,149,220	21,942,240	+7,206,980	+32.8%	Increase in manufacturing quantities from 2025 to 2024
Tonnes CO2e per 1,000 units sold		0.1486	0.1761	-0.0275	-15.6%	
Turnover		£48,765,902	£40,205,036	+£8,560,866	+21.3%	Price is being decreased therefore turnover may not be the most appropriate figure for normalisation
Tonnes CO2e per £1000		0.0888	0.0961	-0.0073	-7.6%	

The above outlines the explanations behind the significant changes to reported emissions since the baseline assessment – **demonstrating that while overall emissions have increased, emissions intensity has decreased.**

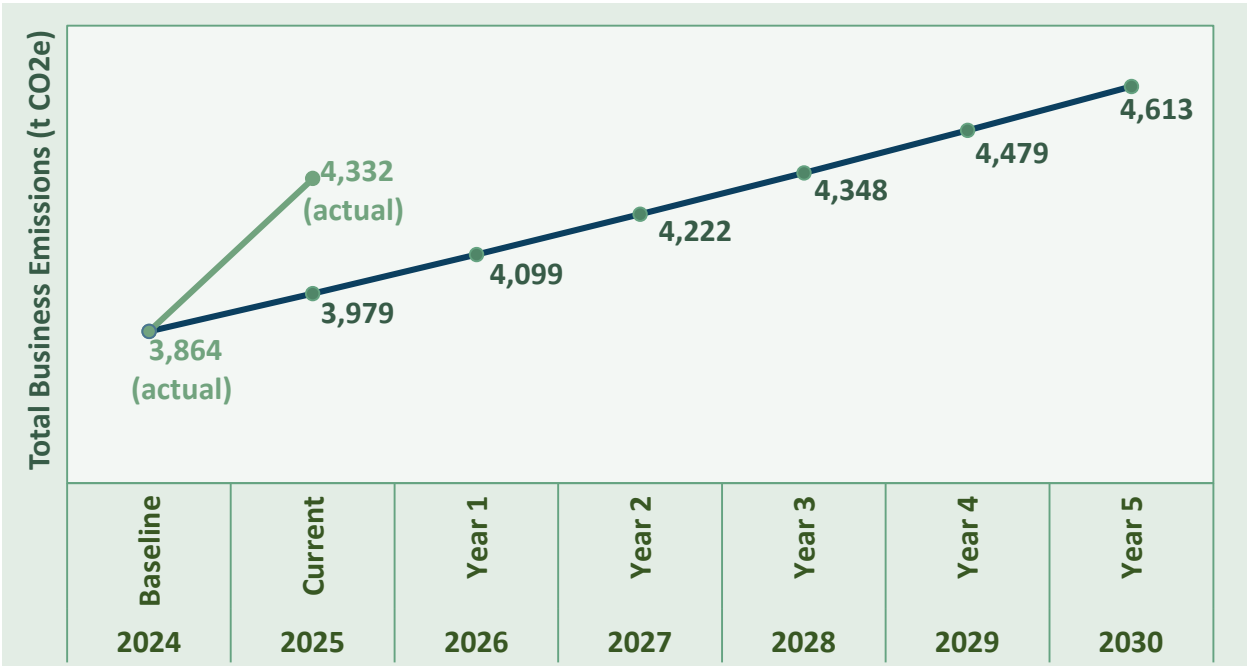
4. Carbon Footprint Projections

The scenario forecast for Techdow UK shows emissions consistent with business growth (assumed to be 3%) as Carbon-Zero understands there are no immediate plans to drastically scale the business however understands that as EU suppliers withdraw from the UK there may be more market share for Techdow UK to take up.



The figure below highlights the baseline emissions (2024) and projected emissions with steady company growth of 3% and no interventions until 2030 for the overall business. The below demonstrates that 2024 to 2025 emissions increased at more than the estimated business growth rate.

Figure 1 Carbon Footprint Projection



Techdow UK's total annual operational footprint is expected to exceed **4,613 tonnes CO2e by 2030** if no carbon mitigation practises are implemented.

If business growth continues to increase more rapidly than 3% annually this may be higher.

5. Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented by Techdow UK:

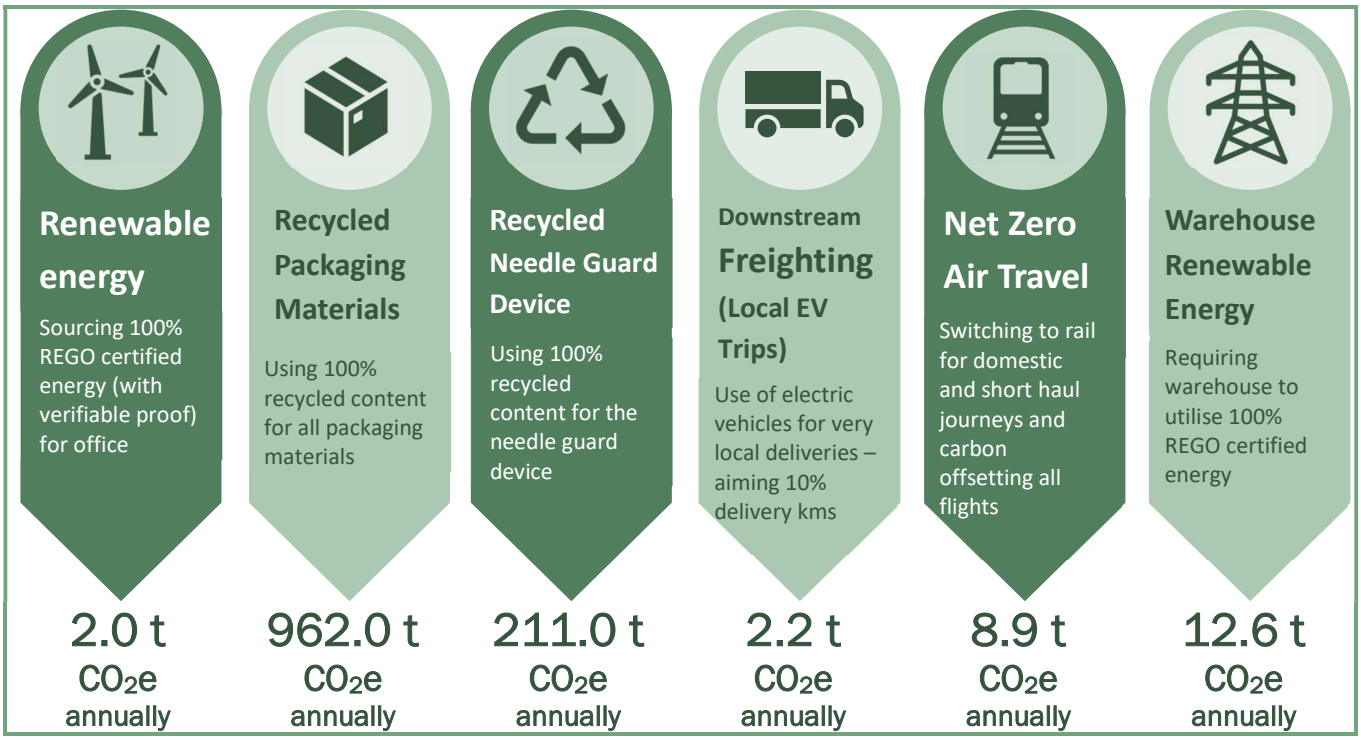
- CDP Grade D achieved
- Evergreen Grade 1 achieved with plans to resubmit in 2026
- 2024 carbon assessment verified
- Updating Carbon Reduction Plan in 2026 (this document) and commitment to continue to update progress reporting
- Techdow UK have been working with Surrey Research Park to provide proof of a renewable energy tariff as part of the carbon assessment process annually going forward
- ESRS Double Materiality Assessment was conducted in 2025
- Climate Scenario Analysis ongoing at time of this report to be published in 2026

Other research and development into improved packaging and freighting options are underway internally.

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6. Carbon Reduction Opportunities - Summary

In order to achieve emissions reductions Techdow UK is committed to identifying opportunities for carbon reduction and implementing carbon saving projects. The following summarises the opportunities identified through the business carbon assessment as areas to consider for targeting carbon reduction. The following carbon mitigation projects will be explored further and implemented if deemed feasible. An annual carbon savings value has been estimated for each measure.



It is noted that the above projects are considered separately and may have overlapping benefits.

The total of these projects is anticipated to save in the order of 1,199 tonnes CO2e annually. This is a 41% reduction in Techdow controlled emissions.

Further savings through biodiesel use and end of life recycling improvements could increase savings. There are other opportunities for material use savings to further decrease packaging emissions that will also require further research, development and NHS approval.

1,199 tonnes CO2e total reductions with all implemented

~30% reduction compared to 2025 current emissions

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7. Target Setting

In order to achieve a 10% emissions reduction by 2030 the following mitigation measures will need to be implemented:

- **REGO Energy Supply** -2.0 t CO2e annually
- **40% Packaging Materials Recycled Content** -384.8 t CO2e annually
- **All Domestic Journeys by Trains** -3.0 t CO2e annually
- **Carbon Offset Long Haul Flights** -5.9 t CO2e annually
- **Warehouse REGO Energy Supply** -12.6 t CO2e annually

With the introduction of all mitigation measures outlined in this report the annual emissions could decrease emissions by 30%. Implementation timeframes are not yet known.

In order to achieve a 30% emissions reduction, the following additional mitigation measures will need to be implemented:

- **100% Packaging Materials Recycled Content** Additional -577.2 t CO2e annually (remaining 60% packaging)
- **100% Recycled Content Needle Guard Device** -211.0 t CO2e annually
- **10% Downstream Freighting kms as Local EV Trips** -2.2 t CO2e annually

Techdow UK is committed to achieving Net Zero emissions by 2045

8. Management and Delivery of the Carbon Reduction Plan

In order to ensure that there is effective and ongoing ownership of the Carbon Reduction Plan, it is important to have a fully defined governance structure. Techdow UK are small operation and as such do not operate with a complicated formal governance structure.

The Carbon Reduction Plan and carbon saving target will be approved by internal management, providing endorsement and a clear commitment at the highest level, reinforcing the need for action across the business.

The specific objectives of the Carbon Reduction Plan will be included in the organisation's strategic plan and other high-level plans. Key stakeholders at all levels of the business will provide overall support for promoting a culture of carbon reduction. The key to success of this Carbon Reduction Plan is effective engagement within the different areas of the business.

9. Progress Reporting

This Carbon Reduction Plan is considered as a 'live' document – envisaged to change with the needs and scope of business operations. To ensure the Plan remains fit for purpose the document should be reviewed annually, with attention to:

- Progress towards the overall carbon reduction target (in terms of tCO_2e)
- Progress of identified carbon reduction projects, including;
  - Any financial savings achieved
  - Costs of implementing projects
  - Wider benefits of projects

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10. Declaration

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting .

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard . This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Name: Paula George

Position: Managing Director



Date: 20th March 2026

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