



## CARBON REDUCTION PLAN

### PPN 06/21

24 January 2025

## INTRODUCTION TO TRANSDEV GROUP

Transdev is a world-class player in the mobility market, we are a Group with a solid business base operating in 19 countries in 2025, committed to operating sustainable, inclusive public transportation for all passengers. Transdev empowers freedom to move every day thanks to safe, reliable and innovative solutions that serve the common good. Mobility is essential to go to work, study, meet friends, get medical care... simply to live. We reinforce this freedom on a daily basis, with safe solutions, because safety comes first. And we reinforce this freedom with innovative solutions, because being at the forefront of innovation means demonstrating our adaptability to the world in which we live. With these solutions, we serve the common good in three ways:

- By creating local employment;
- By contributing to the attractiveness and dynamism of the communities;
- By contributing to the ecological transition and the protection of the environment.

The common good is the very nature of public transportation. We must all contribute to it, and measure our impact on the communities we serve.



### FOREWORD

*In Transdev UK, we are committed to driving a greener future through sustainable and efficient public transport solutions. Our **Moving Green environmental strategy** is at the heart of our operations in Heathrow and Blazefield, ensuring that we reduce our carbon footprint while delivering high-quality services to our passengers and communities.*

*As part of this commitment, we have set ambitious goals to reduce the carbon intensity of our fleet to **Net Zero by 2050**, using 2022 as our baseline. By investing in low and zero-emission vehicles, we are actively transforming our fleet to support a cleaner and healthier environment.*

*Public transport plays a crucial role in tackling climate change, and we believe that our mission is to work alongside local authorities, businesses, and communities to **develop eco-friendly transport networks** that benefit both people and biodiversity.*

*At Transdev UK we strongly believe that **we have a responsibility to drive change now**. We are committed to leading the way in sustainable mobility, enhancing passenger experience, and contributing to a cleaner, more sustainable future for all.*



**Guillaume CHANUSSOT**

Chief Executive Officer Transdev UK & Ireland

## KEY FIGURES



**Transdev Blazefield** is a collection of local bus companies across Lancashire and Yorkshire. Our signature style and attention to detail is all about giving you, our customer an enjoyable and great value journey – and, as a research-led business, with all our decisions handled quickly and locally, we always welcome feedback about everything we do.

1,400 COLLEAGUES

9 BASES

500 BUSES



At **Transdev Airport Services**, we specialize in providing innovative and efficient airport solutions. From landside to airside, we deliver a comprehensive range of services tailored to the unique and demanding needs of the aviation sector.

**1** MILLION

passengers transferred per month

**579**

EMPLOYEES

**1** MILLION

luggage trolleys positioned



**Comet Coach Hire (CCH)** is a trusted partner in premium aircrew and airline passenger transportation services. Since our establishment in 1965, we have built a reputation for excellence, reliability, and customer satisfaction. We are proud to be the largest operator of crew coaching services at Heathrow Airport.

**50+** YEARS

of experience

**100+** DRIVERS

**56** VEHICLES

## COMMITMENT TO ACHIEVING NET ZERO

**Transdev is committed to achieving Net Zero emissions by 2050** which is aligned to the requirements of PPN06/21. We have a series of active projects which supports our commitment to achieving Net Zero. In addition, we have reviewed and are taking action to reduce emissions related to our own supply chain, covering the full scope of emissions under the GHG Protocol, this approach goes beyond the scope of PPN06/21.

Our **ISO14001 Certification** across all depots, means that Transdev has the framework to monitor and reduce our impact, across energy and water

consumption, waste production or more generally on reducing the Transdev carbon footprint.

Furthermore, we are preparing for the European requirement on **Environmental Social and Governance** (ESG) ratings and non-financial reporting (in 2025). In support of this, we committed to increasing resources dedicated to gathering data and analysis to provide better insight on how to further reduce our carbon footprint.

Our carbon reduction plan detailed in this report showcases our commitment to transparent reporting and our dedication to accountability for our laid our commitments.

## BASELINE EMISSIONS FOOTPRINT

Baseline emissions are the reference point against which emissions reduction can be measured. The baseline year we are working against is our financial **year 01/01/2023 – 31/12/2023**. The emissions reported here are a record of the greenhouse gases that were produced in that year and were produced prior to the introduction of any strategies to reduce emissions.

Emissions		Total (tCO2e)
	Scope 1	32,791.8
	Scope 2	691.4
	Scope 3	11,510.9
Total Emissions (location based)		44,994.1



### SCOPE 3 CARBON (VALUE CHAIN)

Our scope 3 data is gathered and processed using our in house purchasing and finance systems and incorporates our spend against certain categories. As we progress on our Net Zero journey, we expect to expand our data gathering activities to incorporate more categories detailed within the GHG Protocol, we currently include:

- Employee commuting
- Business Travel
- Fuel and Energy-Related Activities
- Upstream Transportation & Distribution
- Waste Generated in Operations

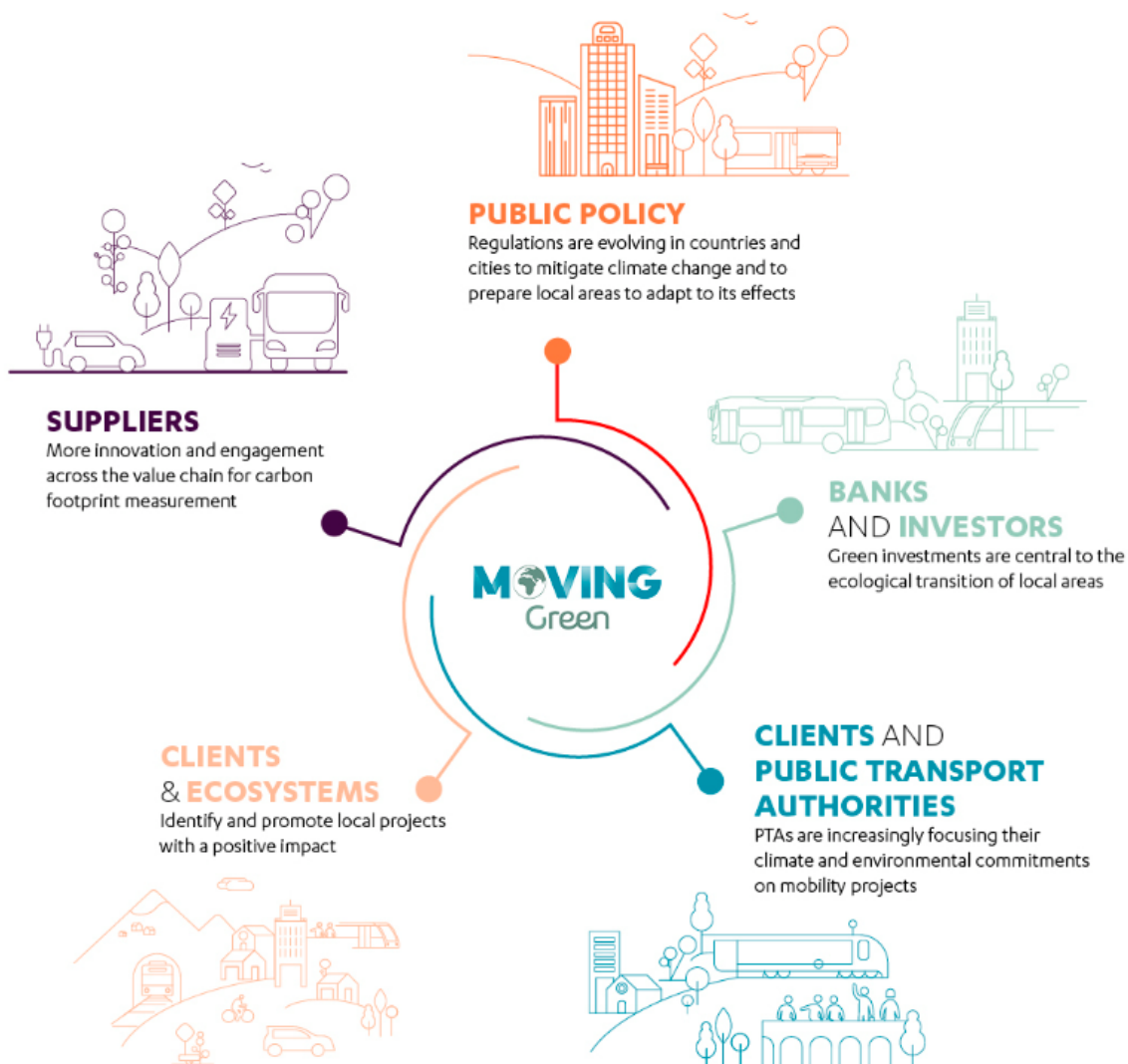
### EMISSIONS REDUCTION TARGET

**To be Net Zero across all scopes 1, 2 and 3 emissions by 2050.**

We are on track to reduce our emissions by 30% in 2030, measured against our baseline period, this is in line with our Group's Moving Green Strategy and aligns with our overall 2050 Net Zero Target.

### DECARBONISATION STRATEGY

Building sustainable mobility requires, first and foremost, convincing as many people as possible to choose public transportation, by improving the customer experience and adapting our offer to passengers' needs (multimodal options, attractive and comfortable conditions, transportation on demand, deployment of Mobility as a Service, etc.). It also requires decarbonising our vehicle fleet by deploying alternative energies (electric, biogas, hybrid and hydrogen vehicles). This is how we deliver value in our ecosystem:







We base our approach on three pillars:

**Supporting our clients,  
in the deployment  
of efficient and carbon-free  
transport networks**

**Proposing  
smart financing solutions,  
to achieve  
the energy transition**

**Valuing our expertise  
and experiences,  
in particular  
our Zero Emission skills**

We understand that to achieve reductions we can rely on:

**Passive reductions** – Decarbonisation which occurs without direct action from the business. As the electricity grid will naturally decarbonise switching to renewable energy, we will see a reduction in the carbon emissions associated with the electricity procured. In the UK that means, for Transdev:

- Bidding on Bus Franchise with clear Net Zero commitments
- Relying on governmental regulation of private vehicles to decrease our scope 3 emissions linked to employee transportation to and from work

**Active reductions** – Involving deliberate actions and changes from the business to decarbonise quicker than the pace of society. This can be seen when initiating tougher restrictions on business travel such as limiting flights and promoting public transportation. The next chapter focuses on these actions.

## DELIVERED CARBON REDUCTION PROJECTS

### ZERO EMISSION VEHICLES

We understand the majority of our carbon emission is linked to traction energy. Our main focus, hence, is the de-carbonisation of our fleet. This has started across our operations:

# Zero Emission Vehicles	2023	2024	2025
Transdev Airport Services	0	17	17
Transdev Blazefield	8	38	54
<b>Total</b>	<b>8</b>	<b>55</b>	<b>71</b>



The Harrogate Bus Company is set to introduce a fleet of **19 Alexander Dennis Enviro 400EV** double-decker buses and additional Mercedes-Benz eCitaro single-deck buses by the end of 2024 and the beginning of 2025. These electric buses, partially funded by the UK's Zero Emission Bus Regional Areas (ZEBRA) fund, signify a significant step towards sustainable public transportation. 100% of our electricity is certified green.

In February 2024, Heathrow operations welcomed the first Yutong battery electric buses. A total of **17 Yutong E12 e-buses** will serve the terminal car parks and provide transfer services for Heathrow Airport. We are gearing up to have a 100% zero emission fleet by 2030, multiplying by 6 our current ZE fleet.



### TELEMATICS FOR ENERGY USAGE REDUCTION

Transdev Blazefield has implemented **GreenRoad**, a driver behaviour system to enhance driving practices across its fleet. This initiative has led to lower fuel consumption due to reduced vehicle idling and improved driving behaviour. Transdev Blazefield has been utilising GreenRoad for the past 11 years and has recently



renewed its contract for another three years as of 2023. Learning from this success, Transdev Airport Services implemented **Journeo** for the same intent, and obtain similar positive results.

### GREENING OUR DEPOTS

In March 2024, Transdev officially opened its new green depot in York. The purpose-built depot building achieves a 28% reduction in carbon emissions compared to the statutory level set by the government in 2013. This was achieved through detailed design integration of renewable technologies, such as solar panels, air source heat pumps, building airtightness and associated detail measures, to create an energy efficient and sustainable building. The depot also features enhanced biodiversity through planting and the installation of bird and bat nesting boxes to support the natural environment around the site. Additionally, charging facilities for light electric vehicles are included, and the building is prepared for the future full electrification of its bus fleet.



### GREENING OUR PRACTICES

Transdev Blazefield arrange collection for the devices to a local IT Recycle Company called RecycleIT in Harrogate. We recycled over 268 items and are currently collected more older devices with a view to recycling more early in the year of 2025.

A myriad of other practices have been trialled and deployed over the years, including Cycle to Work Scheme, reusing our seat fabric to manufacture sockets and pillow cases, re-treading our tyres, etc.

### FUTURE CARBON REDUCTION PROJECTS

Our aim remains a pragmatic focus on decarbonising our fleet and ensuring 100% of our electricity is green. In addition, Transdev is dedicated to reducing emissions through a comprehensive range of future projects and initiatives.

- By adhering to the Corporate Sustainability Reporting Directive (CSRD) in Europe, we aim to gain a deeper understanding of the levers for emission reduction.
- One of our key initiatives involves bus franchising development with clients who have ambitious carbon reduction targets, such as Liverpool's goal for 2035. Our support in this area includes enabling green financing through robust reporting, providing expertise in selecting the best technology, and offering assistance for how to efficiently operate and maintain these fleets.
- In collaboration with combined authorities, we are restructuring networks to ensure ridership growth in a cost-controlled manner. This involves matching demand and supply, promoting multimodality, enhancing customer experience, and reviewing fares to ensure the financial sustainability of the overall system.
- We are also targeting some rail projects in the UK that are fully electrified or with the possibility of becoming electrified and putting in place the discussions with local authorities to action the move to zero emission electricity sources.
- We are exploring how to support our employees in avoiding car travel to work by exploring various options; we are also conducting trials with HVO fuel to assess its viability and potential benefits for our fleet.
- Transdev continues to apply for ZEBRA projects to upgrade depot infrastructure and deploy zero-emission fleets. These projects are essential in modernising our operations and reducing our environmental impact.
- Additionally, we are developing procurement standards that include carbon assessments, such as examining sustainable methods for disposing of old uniforms. We are considering re-treading tires to extend their lifespan and reduce waste and implementing sensors in engines to reduce fuel consumption and improve efficiency.
- Our commitment extends to waste reduction and recycling efforts. At Transdev we are actively working on minimising waste and increasing recycling across all operations. In our vehicle procurement process, we include assessments of the carbon footprint of manufacturing, although obtaining clear answers from manufacturers remains a challenge. Transdev is moving towards paperless operations to minimise paper waste and enhance sustainability.
- At the Heathrow site, we are tracking the impact of business travel, including flights and the use of



Sustainable Aviation Fuel (SAF) as an initiative to move to greener fuel use.

- Reviewing our group framework agreement for procurement to ensure it includes carbon standards is a priority and are also exploring the possibility of carbon offsetting and seeking a group position on this matter.
- Transdev is launching awareness campaigns to link financial savings to sustainability efforts, fostering a culture of environmental responsibility.
- Our governance documents now include environmental considerations for go/no-go decisions in projects, ensuring that sustainability is a key factor in our decision-making process.

## DECLARATION AND SIGN OFF

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<sup>1</sup> 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 of Transdev PLC.

**Guillaume CHANUSSOT**

Chief Executive Officer Transdev UK & Ireland

*On 24 January 2025*

\* <https://ghgprotocol.org/corporate-standard>

\*\* <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

\*\*\* <https://ghgprotocol.org/standards/scope-3-standard>