

Company Information

Transputec Ltd is a limited company, registered in England under company number 03443568 at registered office of Transputec House, 19 Heather Park Drive, Wembley, HA0 1SS, UK.

Reporting period:

6 April 2022 – 5 April 2023

Reasons for Change in Emissions

Our reported emissions have fallen this year because we have invested in more energy efficient process equipment in our operations.

The Scope 1 categories for which we have reported emissions have changed for the following reasons:

Recording of diesel within backup generator.

The Scope 2 categories for which we have reported emissions have changed for the following reasons:

Electricity consumption – replacement of fluorescent lighting in the office with LED panels, gaining more efficiencies. Reduction in electricity consumption peripherals plus behaviour change pragmatic initiatives to reduce electricity usage, e.g., turning off lights in offices when not in use and reducing printer numbers in the office and printing requirements.

The Scope 3 categories for which we have reported emissions have changed for the following reasons:

Purchased goods and services – We have ceased procurement of plastic bubble wrap and other plastic based packaging that is not both made from recycled material and recyclable.

Business travel – Tighter departmental budgets have led to a reduction in business travel expenditure. This is realistically unlikely to be a recurring reduction given the business operational needs.

Employee commuting – Staff have reported reduced use of cars to get to work and an increase in walking, cycling, and commuting by public transport. The hybrid model of working has also reduced the emissions due to ‘working from home.’

Transputec Limited

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and Wales number: GB03443568

Capital expenditure has decreased - this is realistically unlikely to be a recurring reduction given the business operational needs.

Quantification and Reporting Methodology

We have subscribed to Climate Essentials, a business initiative setup across various geographic locations to work with businesses to measure, manage and reduce CO2 emissions. We have measured emissions for the tax year periods 2021-2022 and 2022-2023.

Organisation boundary

We have used the operational control approach.

Operational scopes

We have measured our scope 1, 2 and scope 3 emissions. Where we have not recorded a % for exclusions because to our knowledge we are not excluding anything from our measurements and management.

Scope 1 In metric tonnes CO2e	2022-2023	Specific exclusions, % this represents for relevant scope (excluding geographic exclusions) & give an explanation	2021-2022
Diesel generator	0.077	N/A	0.000
Corporate vehicles – owned	0.00	Excluded as all vehicles are electrically powered	0.000
Process emissions	N/A	N/A	N/A
Fugitive emissions - Fgas. Air	0.132	N/A	0.132

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Scope 1 In metric tonnes CO2e	2022-2023	Specific exclusions, % this represents for relevant scope (excluding geographic exclusions) & give an explanation	2021-2022
conditioning systems use refrigerants, which can be released as fugitive emissions			
Total scope 1	0.209	N/A	0.132

Scope 2 In metric tonnes CO2e	2022-2023	Specific exclusions, % this represents for relevant scope (excluding geographic exclusions) & give an explanation	2021-2022
Electricity consumption	20.212	None	27.507
Corporate vehicles – leased/rented	0.2471	None	0.4046
Total scope 2	22.629	None	31.553

Scope 3 In metric tonnes CO2e	2022-2023	Specific exclusions, % this represents for relevant scope (excluding geographic exclusions) & give an explanation	2021-2022
Purchased goods & Services	1080.253	None	678.569
Capital goods	2172.477	None	3339.823
Fuel and energy related	2.116	None	3.058

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Scope 3 In metric tonnes CO2e	2022-2023	Specific exclusions, % this represents for relevant scope (excluding geographic exclusions) & give an explanation	2021-2022
activities not included in Scope 1 and 2			
Waste generated in operations. Activities included: process waste only	11.731	None	6.636
Business travel Activities included: flights, train, car trips	468.882	None	618.006
Employee commuting Activities included: car, bus, and train trips only	56.596	None	89.595
Leased Vehicles	0.229	None	0.358
Events	0.026	None	0.000
Total scope 3	3792.303	None	4736.045

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Tonnes CO2e	Overall % Change/ (Saving)	2022-2023	2021-2022
Exported renewable energy		None	None
Offsets		None	None
Woodland Carbon Units		None	None
Net emissions	(19.99%)	3815.142	4767.731

Base Year

We have a fixed base year of 2022. We chose this year as it was the first year for which we considered that we had reliable data, and it was typical in respect of our operations.

Targets

Our emissions reduction target is to reduce our gross, global scope 1 and 2 emissions in tonnes of CO2e per tonne of product output by 50% from 2022-2023. Our progress towards reaching this target has been reasonable this year and we expect to meet this target in 2023-2024. Rick Sehgal, the Chairman and the board of Directors are responsible for the achievement of the target.

Intensity measurement

We have chosen the metric gross global scope 1 and 2 emissions in tonnes of CO2e per tonne of product output as this is a common business metric for our industry sector.

External Assurance Statement

Transputec is ISO 14001:2015 certified via LRQA. We have joined Climate Essentials ([Climate Essentials - Climax Community](#)) to facilitate measurement and reduction planning of carbon emissions. It is our intention to sign up to the Science Based Targets Initiative (<https://sciencebasedtargets.org>) to further our commitment to emissions reduction.

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Carbon Offsets

We have not purchased carbon credits to reduce our GHG emissions at this time but may consider this action as part of our net zero strategy.

Woodland Carbon Units

We have not purchased Woodland Carbon Units at this time but may consider this in the future.

Objectives and Targets

Our ongoing objectives are to continue to:

- Reduce electricity consumption
- Reduce paper consumption.
- Recycle more waste products.
- Procurement eco-friendly office supplies

And our broader sustainability targets are to:

- Report on CO2 emissions each fiscal year.
- Scope 1, 2 GHG emissions: Reduce 50% by FY2031 compared to FY2022 levels.
- Scope 3, GHG emissions: work with upstream and downstream stakeholders.
- Continue to address and improve environmental Issues within the business

Message from the Chairman

Transputec and its board of directors are passionate about delivering a more sustainable approach to how we manage our business operations.

Our initiatives and progress are a testament to our shared vision for a more sustainable future. As we move forward, we remain steadfast in our commitment to continually explore and implement eco-friendly practices that will drive positive change for both our company and the broader global community.

Signature of Chairman

Date  24/July /2023

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