

# Carbon Reduction Plan

**Supplier name:** Legastat Ltd

**Company Registration Number:** 03807082

**Published date:** March 2024

## Commitment to achieving Net Zero

Legastat is committed to achieving Net Zero emissions by 2040.

## Historic Emissions Reporting

We have previously measured our carbon emissions and set out baseline year as August 2021 – July 2022, however, as we have expanded our emissions inventory to include scope 3 Purchased Goods & Services and Capital Goods this measurement is no longer comparatively relevant. Previous measurement efforts are detailed below for transparency.

Historic Year: 2021-2022	
Legastat Limited has no company owned vehicles or physical premises with gas tariffs, fugitive emissions or process emissions, therefore Scope 1 emissions are 0 tCO <sub>2</sub> e.	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0.000
Scope 2	Market-based: 8.247 Location-based: 8.247
Scope 3 including: <ul style="list-style-type: none"> <li>● Fuel &amp; Energy Related Services</li> <li>● Business Travel</li> <li>● Transportation &amp; Distribution (Upstream &amp; Downstream)</li> <li>● Employee Commuting &amp; Homeworking</li> <li>● Operational Waste &amp; Water</li> </ul>	90.972
<b>Total Emissions</b>	<b>Market-based: 99.219</b> Location-based: 99.219

Our total emissions equate to a Carbon Intensity Metric of **3.816 tCO<sub>2</sub>e per full-time employee equivalent** (FTE) based on **26 FTEs** during the baseline period (using market-based emissions).

*\*Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.*

### **Baseline Emissions Reporting**

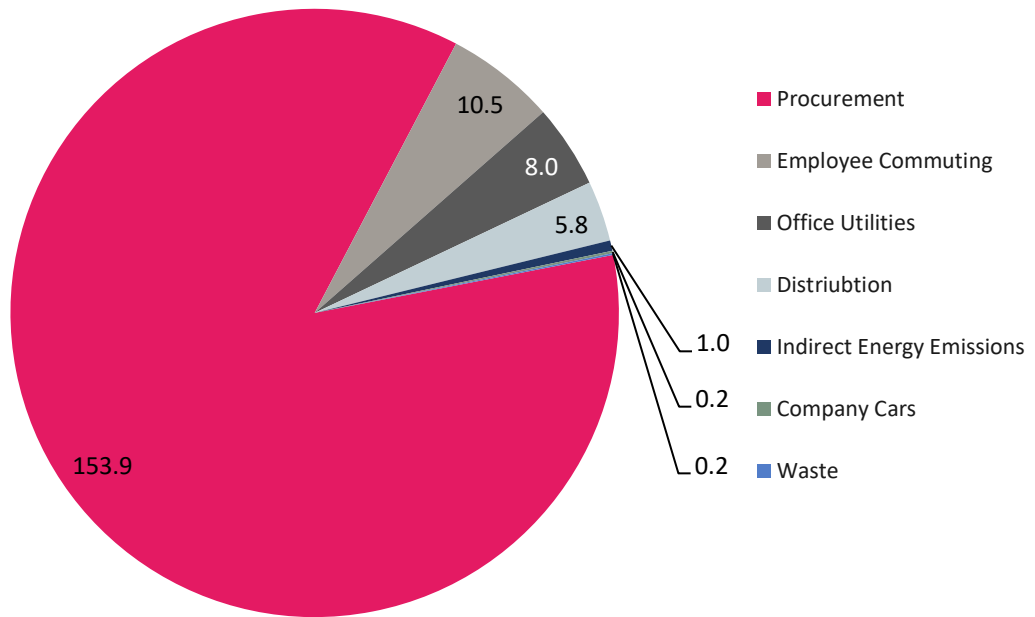
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions, baseline emissions are the reference point against which emissions reduction can be measured.

We had previously set our baseline year as August 2021 – July 2022, however as we have now expanded our emissions inventory to include all upstream scope 3 categories this is no longer an appropriate reference. We have therefore decided to set our baseline year as August 2022 – July 2023, this will allow for proper comparison of reductions against future measurements using consistent measurement boundaries.

<b>Baseline Year: 2022 - 2023</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	0.000
Scope 2	Market-based: 8.181 Location-based: 15.510
Scope 3 including: <ul style="list-style-type: none"> <li>● Purchased Goods &amp; Services</li> <li>● Capital Goods</li> <li>● Fuel &amp; Energy Related Services</li> <li>● Business Travel</li> <li>● Transportation &amp; Distribution (Upstream &amp; Downstream)</li> <li>● Employee Commuting &amp; Homeworking</li> <li>● Operational Waste &amp; Water</li> </ul>	171.303
<b>Total Emissions</b>	<b>Market-based: 179.484</b> <b>Location-based: 179.484</b>

Our total emissions equate to a Carbon Intensity Metric of **6.410 tCO<sub>2</sub>e per full-time employee equivalent (FTE)** based on **28 FTEs** during the measurement period (using market-based emissions).

### Emissions by Category (tCO2e)



## Emissions reduction targets

Legastat Ltd is committed to achieving Net Zero by 2040.

To achieve Net Zero we will need to reduce our absolute emissions by 90% from our baseline year and offset any residual emissions. To track our progress towards our long-term Net Zero target, we have also set some near-term targets to 2030.

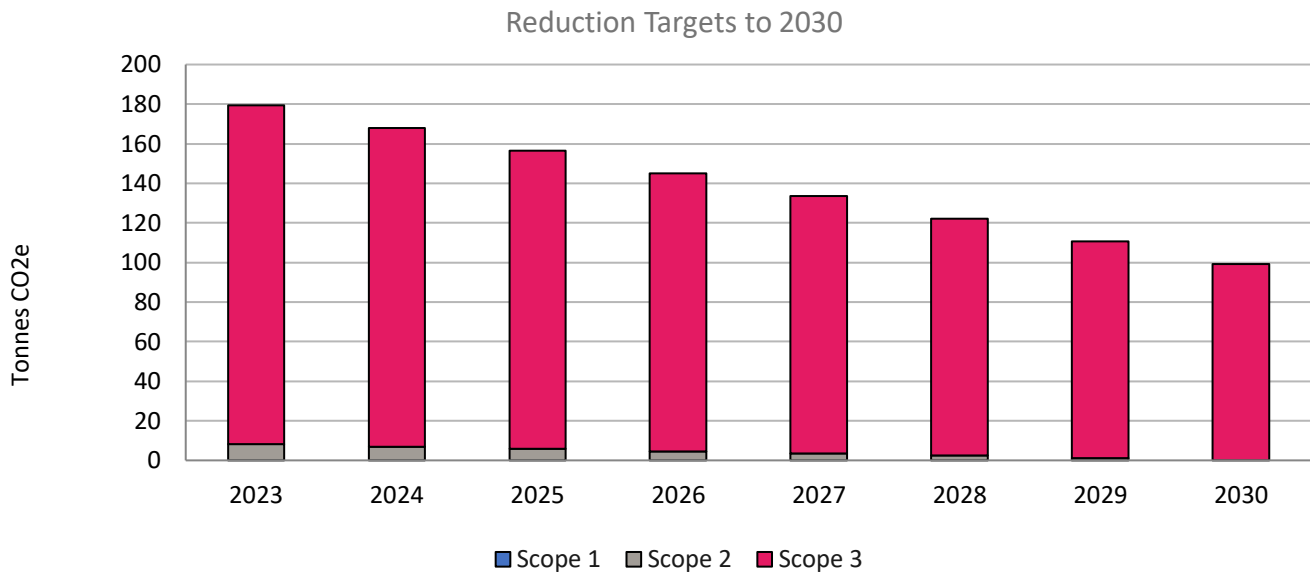
Our near-term targets:

- Maintain scope 1 emissions at zero up to and beyond 2030.
- To procure 80% renewable electricity by 2025 and 100% by 2030, reducing scope 2 emissions to 0.
- Reduce scope 3 emissions by 42% against our baseline year by 2030.

Our long-term targets:

- Reduce our total market-based emissions (scope 1, 2 and 3) by at least 90% by 2040.
- Neutralise any residual emissions using verified carbon offsets.

Projected progress against these targets can be seen in the graph below:



## **Carbon Reduction Projects**

### *Completed Carbon Reduction Initiatives*

The following environmental management measures and projects have been completed or implemented and the measures will be in effect when performing the contract.

<b>Activity</b>	<b>Completion Year</b>	<b>Scope</b>
Commit to measuring carbon footprint of business activities year on year to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions. Appointed Positive Planet to support with calculating carbon footprint and reduction recommendations.	2022	1, 2, 3
Purchased a fully electric company van to maintain scope 1 emissions at zero and promote the use of electric vehicles amongst the wider employee base.	2023	1, 2, 3
A cycle to work scheme is in place to support active travel for employees and has been utilised, we continue to communicate this offering to existing and new employees where appropriate.	2023	3
Lower floor lighting operates on sensor and timer systems. There is scope to expand this as current fixtures reach end of life.	2023	2

Future Carbon Reduction Plans

In the future we hope to implement further measures such as:

REDUCTION PLANS – Scope 1 & Scope 2			
Activity No.	Activity	Target Date	Category
1	Consider low-cost options such as adding heat & solar control reflective window sheets.	2024	Purchased Electricity
2	Procure a 100% renewable electricity tariff. This change will reduce <b>market-based</b> emissions (from chosen tariff) from the office to 0 tCO <sub>2</sub> e.	2030	Purchased Electricity
3	<p>Total <b>location-based</b> electricity emissions (National Grid energy mix) are 15.510 tCO<sub>2</sub>e so there is an opportunity to reduce energy use.</p> <p>We will implement behaviour change initiatives within the workplace for reduction of emissions, including clear messaging for turning off lights, monitors, computers, and other electrical appliances where appropriate. We will assign roles and responsibilities to Green Team members once in place.</p> <p>High-level monitoring of energy use is key to understanding further pinch points.</p>	2025	Purchased Electricity
4	<p>Implement energy efficiency measures to reduce the overall amount of electricity consumed in the office. Optimise operational procedures and implement energy management systems (such as ISO 14001).</p> <p>Examples of reduction measures include:</p> <ul style="list-style-type: none"> <li>● upgrading lighting and introducing more sensor lighting, and aligning sensor times to usage patterns (e.g. 3 minutes for corridors, 20 minutes for working spaces)</li> <li>● installing timers on sockets/equipment</li> <li>● reviewing and renewing inefficient equipment (when at end of life), and actively consider the energy efficiency of equipment when new purchases are required (e.g. laptops, fridges, dishwashers)</li> </ul>	2025	Purchased Electricity

	Invite colleagues from different sites to openly explore challenges and barriers to collaboratively find solutions for reduction.		
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Based upon the above completed and planned initiatives, it is projected that Scope 1 & 2 carbon emissions will decrease to **0 tCO<sub>2</sub>e** by 2030.



We also aim to implement the further initiatives below to reduce Scope 3 emissions:

REDUCTION PLANS – Scope 3			
Activity No.	Activity	Target Date	Category
1	Consider training and engagement for leadership, and the wider employee base. Including and not limited to, creating spaces for environmental positive conversations (internal comms, newsletters, slack, Teams etc), certified Carbon Literacy Training for all applicable to roll out to further workforce and share with externals where appropriate. On average, certified learners reduce their carbon footprints by 5-15%, of which ~50% are work-related.	2024	Commuting & Home Working, Business Travel
2	<p>Implement a Sustainable Procurement Policy. Encourage suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, procurement policies and contracts, and monitoring reporting mechanisms.</p> <p>Commit to a Sustainability Audit or Survey to request further information regarding credentials – plan to send these to the Top 10/20 suppliers by spend. This data collection will support reduction journey by gathering important data for year two measurement &amp; encourage supply chain integration towards Net Zero.</p> <p>Complete this audit within two phases:</p> <ol style="list-style-type: none"> <li>Identify suppliers for engagement</li> <li>Formulate and collect data (survey/scoring)</li> </ol> <p>Once completed prioritise suppliers with lower carbon footprints as part of the above phased approach. This may also involve purchasing second hand/refurbished (furniture, IT equipment) and extending the lifespan of purchased items.</p> <p>Develop and monitor procurement policy for all new suppliers to align to Net Zero goals.</p>	2024 & onward	Purchased Goods & Services
3	Review logistics partners/couriers and utilise the above Sustainable Procurement Policy. Work with providers to gather their emissions data, and/or switch to lower-carbon providers.	2024 & onward	Upstream Distribution,

			Downstream Distribution
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4	<p>Develop and implement a Sustainable Travel Policy to support environmental impact of choices around commuting and if/when business travel is necessary. The priorities within this policy will support active travel and low emission travel options where appropriate.</p> <p>Consider offering support to workforce with options for active travel schemes; such as bike to work or car sharing opportunities.</p> <p>Utilise the emissions travel hierarchy:</p> <ul style="list-style-type: none"> <li>● Digital communication</li> <li>● Walking and cycling</li> <li>● Public and shared transport</li> <li>● EV's and car sharing/clubs</li> <li>● ICE vehicles and car sharing/clubs</li> <li>● Air travel</li> </ul> <p>Consider creative ways to engage and support workforce to influence change.</p>	2024	Business Travel, Commuting
5	Liaise with key suppliers to see whether they can ship with the minimal amount of packaging needed to secure the product.	2024	Waste

Based upon the above completed and planned initiatives, it is projected that (as a minimum) Scope 3 carbon emissions will further decrease from the baseline measurement of **171.303** tCO<sub>2e</sub> to **99.356** tCO<sub>2e</sub> by 2030. This is a reduction of **42%** and will keep us on track to Net Zero.

## **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<sup>2</sup>.

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<sup>3</sup>.

This Carbon Management Plan has been reviewed and approved by Legastat Ltd's Executive Team.

### **Signed on behalf of Legastat Ltd:**



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Name: Marion Mullins

Position: Managing Director

Date: 19/04/2024

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<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup> <https://ghgprotocol.org/corporate-value-chain-scope-3-standard>