

Carbon Reduction Plan

Seetru Limited



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Plan for Seetru Limited including Seetru Engineering Services.

Seetru is committed to reducing its carbon footprint and helping to mitigate climate change. The company has developed a comprehensive carbon reduction plan that includes a number of ambitious targets. These targets are aligned with the Paris Agreement and the Science Based Targets initiative.

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Baseline Year: April 2019 – March 2020

Baseline year emissions provide a reference point in time against which emission reductions in the future are measured and represent the historical record of greenhouse gases produced before implementing any emission reduction strategies.

2019-2020 has been set as our baseline reporting year.

Our Carbon Footprint includes Scope 1 and Scope 2 emmissions, with the monitoring of Scope 3 emissions currently limited to Commuting, Business travel, and Water Usage.

Our Net Zero Goals are therefore based on these boundaries; however, we are in the process of including further categories in our Scope 3 reporting which will be made clear in future reports.

Our carbon emissions have been calculated using the UK Government GHG Conversion Factorsⁱ for the UK Government Company Reporting methodology, and in line with the Greenhouse Gas Protocolⁱⁱ

Scope 1	Scope 1 emissions are direct emissions from owned or controlled sources. The boundaries for Seetru are: Natural gas emissions, and owned company vehicle emissions.
Scope 2	Scope 2 emissions are indirect emissions from the generation of purchased energy. The boundaries for Seetru are: emissions from purchased electricity.
Scope 3	Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions. The boundaries for Seetru are: emissions from employee commuting, water usage emissions, and emissions from all business travel.

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

ii <https://ghgprotocol.org/corporate-standard>

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		2019-20	2021-22	2022-23
		Baseline Year	Current Emissions Reporting	Current Emissions Reporting
		tCO2e	tCO2e	tCO2e
Scope 1	Natural Gas	27.1	36.58	21.66
	Owned Vehicles	26.6	25.76	23.64
Scope 2	Electricity (location based)	150.02	109.82	102.29
	Electricity (market based)*	0	0	0
Scope 3	Employee Commuting	151	105.6	105.6
	Business Travel	5.63	7.13	22.68
	Water Usage	0.62	0.17	0.16
Total Emissions (location based):		360.99	285.06	276.03
Total Emissions (market based):		210.97	175.24	173.74
Total Emissions (market based, including Carbon offsetting):		210.97	122.24	110.74

* Our Scope 2 emissions have been reported in accordance with the UK Government's 'Environmental Reporting Guidelines'ⁱⁱⁱ: 'The Government's 'Environmental reporting guidelines' require that Scope 2 electricity emissions are reported using location-based grid average emissions factors'

According to the UK Government GHG Protocol:

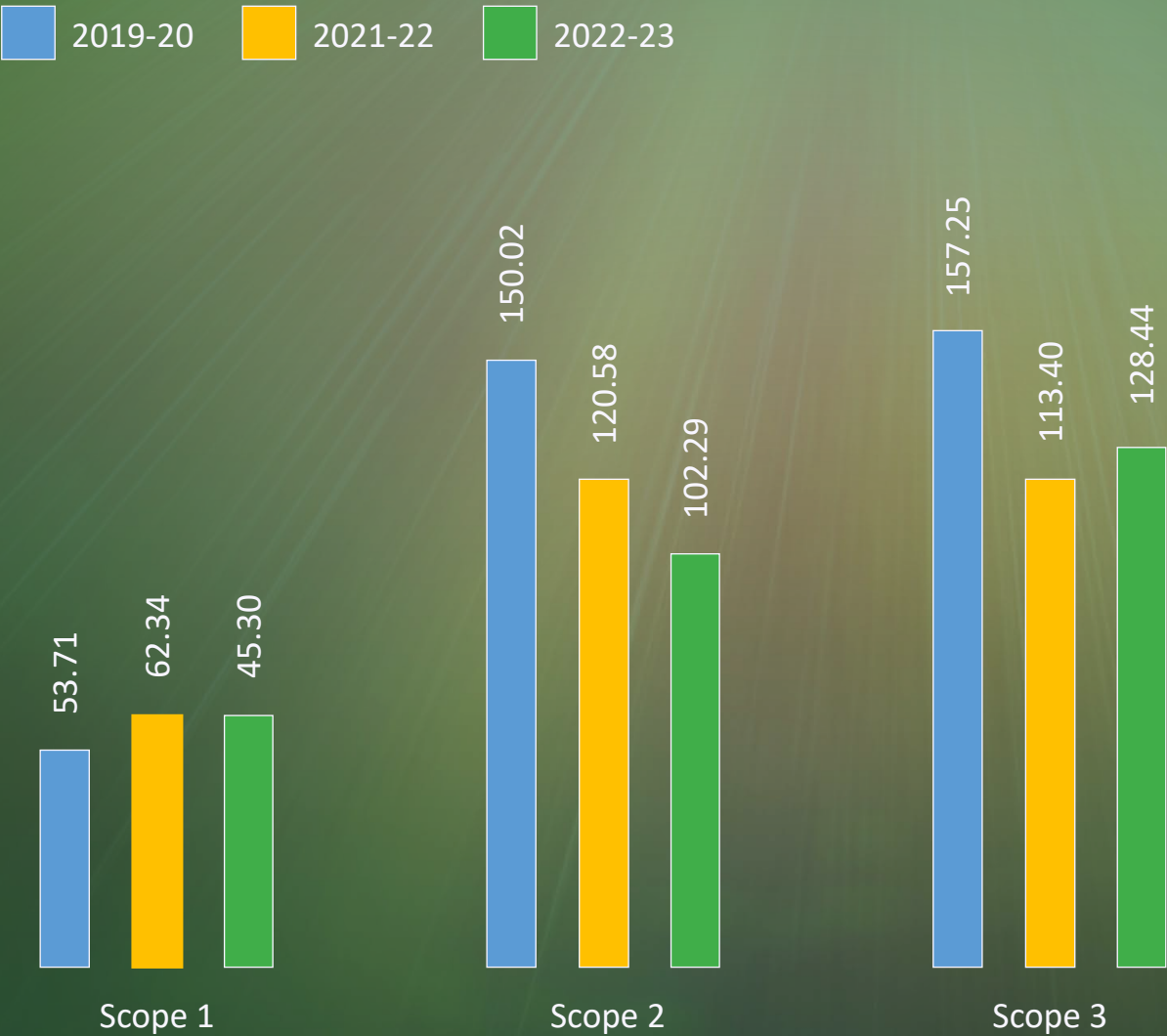
'A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice).'

ⁱⁱⁱ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/850130/Env-reporting-guidance_inc_SECR_31March.pdf

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tCO2e COMPARISON



Carbon Offsetting

Despite our best efforts to reduce our carbon emissions, we recognise that there will be residual carbon emissions remaining. We have invested in 2 projects through Forest Carbon to compensate against our 2022 Scope 1 emissions, supporting UK and international NBS projects to remove an amount equivalent to our emissions. This amounts to 63 tonnes CO2e supporting Cordillera Azul National Park- forest protection and biodiversity area in Peru. To support our local UK projects- Pending Issuance Units (PIUs), we have also invested a further 16 tonnes CO2e supporting Hawkshaw, Scottish Borders in the form of ex-ante credits- delivering future carbon savings.

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Completed Initiatives

Since Our Baseline Year (2019 - 2020)

We have adopted carbon reduction targets to continue our progress in achieving Net Zero. We have put in place a 5-year plan from the baseline year, where we project an overall reduction from scope 1, scope 2, and our current measured boundaries for scope 3 emissions of 25% by 2025.

Energy	<ul style="list-style-type: none">• Introduced modern machinery with energy optimised controls• Reductions in electricity consumption through LED bulb replacement• Improved heating / zonal controls• Less office space to heat for staff• Continued to source 100% renewable electricity from REGO-backed contract• Upgraded to energy efficient air conditioning units in all office spaces
Vehicles	<ul style="list-style-type: none">• Upgraded our fleet of vans to newer, and more fuel-efficient models
Water	<ul style="list-style-type: none">• Prevented the use of plastic water bottles by installing a water cooler
Travel	<ul style="list-style-type: none">• Introduced a policy for Office / Home based working to reduce business travel & commuting• Supported staff with the equipment and skills required to work from home / remotely• Cycle to work scheme implemented
Waste	<ul style="list-style-type: none">• Minimised paper waste through the introduction of on-line systems
Ecological Conservation	<ul style="list-style-type: none">• Supporting the Hawkshaw Project on the Scottish Borders to restore rough grazing land into native woodland
Procurement	<ul style="list-style-type: none">• Created a sustainable procurement method to reduce carbon emissions in supply chain, by auditing our supply chains existing carbon footprint
Staff Engagement	<ul style="list-style-type: none">• Net Zero / Environmental briefings are included in monthly business development meetings• Introduced a company wide Green Team Initiative to encourage sustainable actions across every division

The carbon emissions reduction achieved so far equates to 84.96 tCO₂e per annum, a 23.5% reduction against the 2019-20 baseline year. If we include our offsetting initiatives and our choice of REGO backed electricity contract this figure increases to a saving of 100.23 tCO₂e, or a 47.5% decrease for our present boundaries.

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Current/Future Initiatives

Certifications	<ul style="list-style-type: none">• Look to receive independent verification for our Carbon Footprint assessment• Look to achieve ISO 14001:2015 Certification
Packaging	<ul style="list-style-type: none">• Introducing a more robust recycling scheme throughout the company• Looking for alternatives to current plastic single use packaging
Energy	<ul style="list-style-type: none">• Investigate solar PV for Seetru
Procurement	<ul style="list-style-type: none">• Looking to manage down the carbon emissions in our supply chain from the results of our sustainable procurement method
Vehicles	<ul style="list-style-type: none">• Continue to monitor available electric range of vans to consider, if they become capable of fulfilling our business needs
Staff Engagement	<ul style="list-style-type: none">• Encourage staff to voice their opinions and ideas on climate, the environment, and our impact

Declaration and Sign Off

This Carbon Reduction Plan, and our 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.

This Carbon Reduction Plan has been reviewed and signed off by Andrew Varga

Andrew Varga
Managing Director