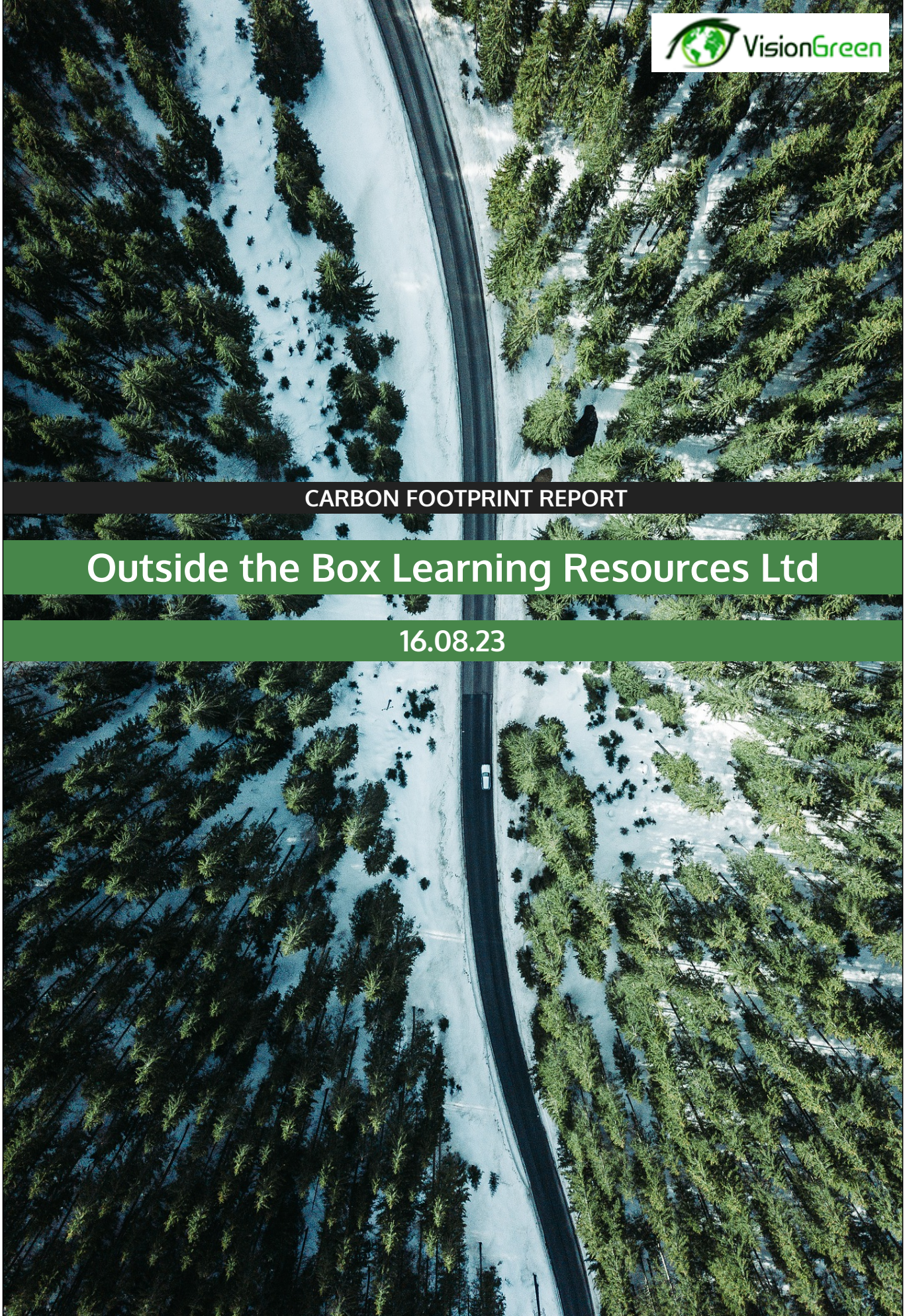




CARBON FOOTPRINT REPORT

Outside the Box Learning Resources Ltd

16.08.23



Thank you for taking the time to complete the VisionGreen Carbon Accounting Assessment.

The information in this report will help you to understand the carbon footprint of your business and should provide enough insight to allow you to improve efficiency and profitability in a more sustainable way.

VisionGreen is a consultancy company with one simple aim, to make sustainability simpler for our clients, allowing them to implement change that has a lasting benefit to the environment, the communities they operate in, and profitability. A carbon footprint is the environmental efficiency indicator of how your business operates. It is calculated using the total Greenhouse Gas (GHG) emissions which are generated from energy usage in owned or managed operation.

This carbon assessment covers **Scope 1, Scope 2 and Scope 3 emissions which will account for most of the carbon footprint, depending on business category.**

For example, businesses that are involved in manufacturing goods may have a larger exposure for emissions under **Scope 3**, which includes emissions from your value chain including materials purchased as well as wasted.

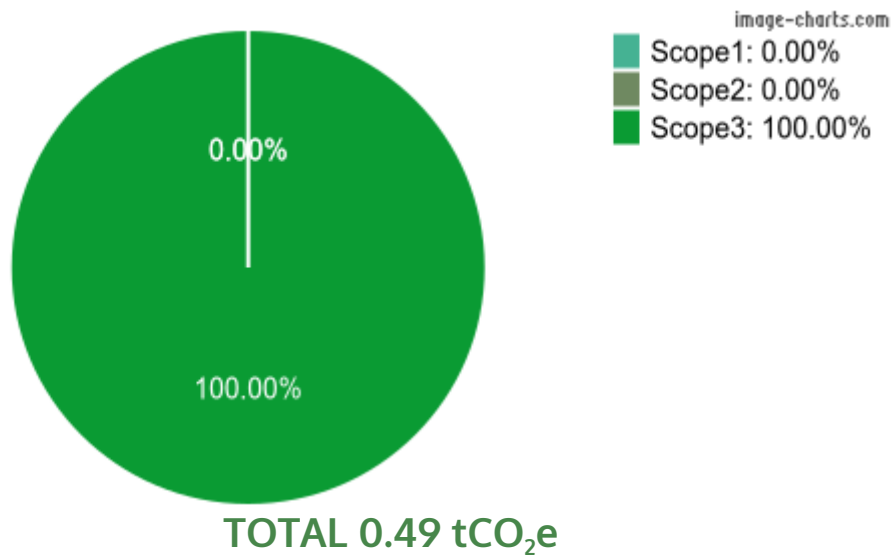
VisionGreen can support your company by helping you attain grant support under Enterprise Ireland's and Local Enterprise Offices' (LEOs) green initiatives, as well as supporting the development of renewable energy business cases. [Get in contact](#) for details.

We have worked with the UK Gov DEFRA standards, SEAI emission factors and IPCC standards to develop our assessment tools to the internationally recognised ISO 14064 standard.

This ensures that our products and services are independently assessed, enabling customers to be assured of consistent, high quality outputs.

So here is how your company performed

Scope 1, 2 and 3 Emissions



Emission Details (tCO₂e)



Disclaimer: The carbon footprint in this report has been calculated using the SEAI & DEFRA emission factors. All footprint is reflective of the accuracy of data collected & input into the calculator.

What practical steps can you take to lower your footprint?

Scope 1 (Direct Energy Own Operations)

Scope 2 (Indirect Energy Purchased)

Scope 3 (Indirect Value Chain)

Scope 1 (Direct Energy Own Operations)

Reduce your business carbon footprint from road travel

- Install a telematics system (e.g. GPS tracking) to help collect data on fleet usage, fuel efficiency and driver behaviour.
- Avail the government grants to subsidise the cost of new low emissions vehicles (electric vehicles or biofuels / biomethane), as well as installing charge points.

Optimise heating and cooling systems

- Implement temperature controls, ensuring heating and air conditioning is timed correctly and according to outside air temperatures. This can minimise over heating or cooling.
- Ensure staff are trained on local heating and cooling units to avoid dramatic swings in temperature or take away the ability to manually adjust the thermostat.
- Make sure your boiler is regularly serviced to ensure it is operating as efficiently as possible.
- Consider installing window film that allows light in but reflects the heat back out during the summer. This film can be reversed in winter so that heat is reflected into the room.

VisionGreen can support your company by helping you attain grant support to carry out an energy management review under Enterprise Ireland's and Local Enterprise Offices' (LEOs) green initiatives. [Get in contact](#) for details.

Scope 2 (Indirect Energy Purchased)

Increase the efficiency of lighting in buildings

- Switch to energy-efficient lighting (such as LED) and ensure that natural light is used when adequate.
- Consider the use of solar shading and transparent film - minimising glare and excessive heat.
- Install motion sensors which will automatically ensure lights are switched off if no footfall.

Invest in Renewable Energy

- Look to incorporate solar and wind power as they are becoming more commercially viable.
- Look to install renewable energy (e.g. Solar PV etc.) that will help your business become independent of the electricity grid while reducing costs in the long term.

VisionGreen can support your company by helping you attain grant support to carry out an energy management review under Enterprise Ireland's and Local Enterprise Offices' (LEOs) green initiatives as well as supporting the development of renewable energy business cases (including Solar PVs etc.) [Get in contact](#) for details.

Scope 3 (Indirect Value Chain)

VisionGreen can support your business with our measurement tools to gather this data, this work can be supported with grant aid under Enterprise Ireland's and Local Enterprise Offices' (LEOs) green initiatives. Please review the following areas to consider your Scope 3 exposure and reporting requirement.

Does your business require employees to travel for work?

Emissions should be reported if employees are using their own vehicles for business travel or any other mode of transport including aeroplanes. For example, using the 2019 UK Defra Carbon Factors for a long haul flight, the emissions per passenger km for economy 0.15kg CO₂e, which means a one-way flight from London Heathrow to New York JFK airport will have a carbon footprint per person of 921 kg CO₂e for economy class.

Does your company purchase materials to support manufacturing of products and services?

Engaging in sustainable procurement can help employees think of ways to reduce their consumption of items that have a carbon footprint. Manufacture and transport of items such as water, paper, food and drink, laptops, phones, packaging etc. have an associated carbon footprint.

Does your company produce waste from its operations?

For example, food waste can be a source of carbon as there are significant amounts of energy consumed to produce and transport it. Packaging and plastic waste can also be a source of emissions, among many other things, although recycling and reusing can support reducing the

carbon impact.

Does your business outsource Transportation, manufacturing or production?

Since Scope 3 calculations include tasks that have been outsourced as well, these should be accounted for with the partners. For instance, transportation is typically the 1st or the 2nd largest emitter in a business.