

## Land Energy has made a big step forward in understanding how its manufacturing process impacts the environment

The need for taking immediate, bold action on climate change is being increasingly recognised by businesses, government and the general population.

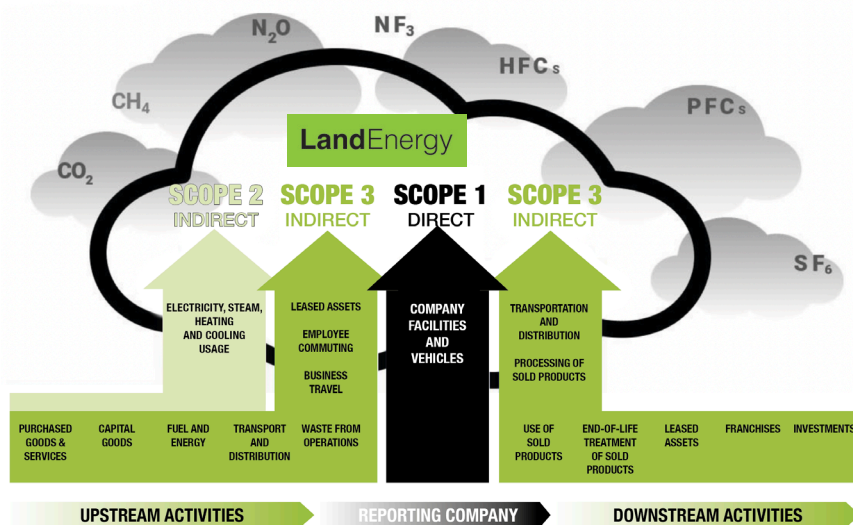
Land Energy has acknowledged this need to act and has decided to explore its own carbon emission output in order to prove how they out-perform their competitors.

### WHAT LAND ENERGY HAS DONE

Leading carbon solutions company Auditel\* has conducted a comprehensive, independent 'Scope 1-3' report on Land Energy to check the carbon footprint of the company's production and delivery processes.

Auditel's robust report looks at Land Energy's emissions from the moment a tree is planted to when a customer uses their products to heat their homes. The finished report follows strict International Organisation for Standardisation (ISO) 14064-3 rules.

The ISO rules make fair comparisons between different companies. Without these rules, any claims about being eco-friendly are not necessarily reliable. It's the first time any wood pellet and wood briquette producer has created such a report on such a global scale.



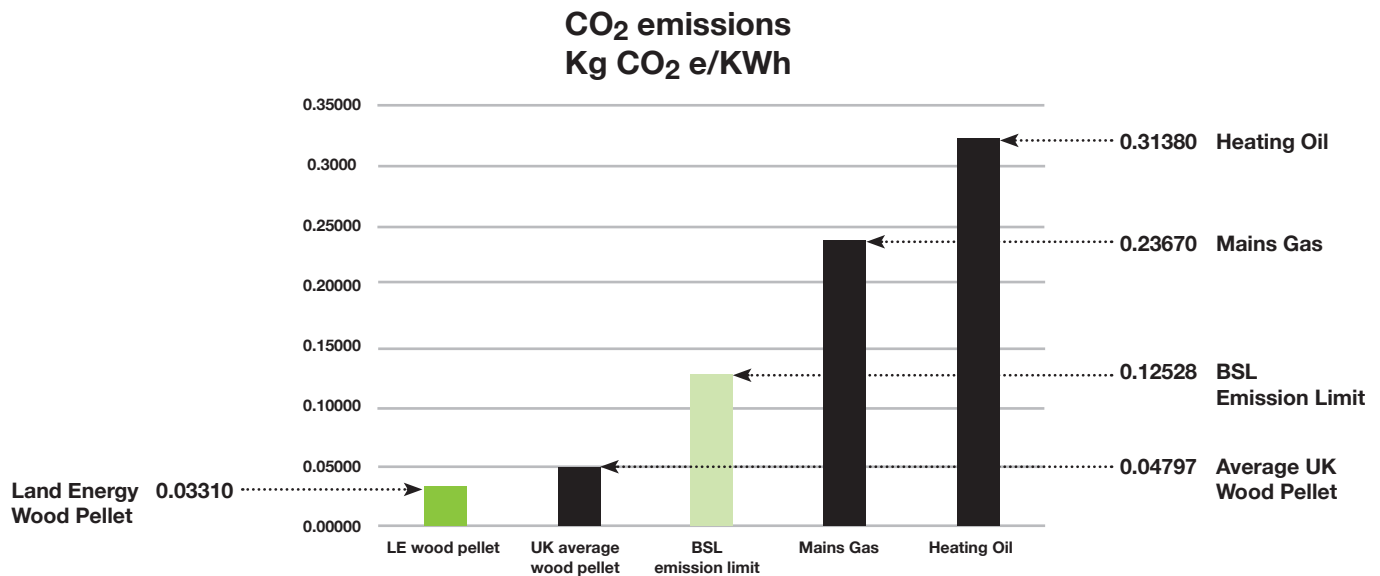
Auditel's independent report gives a clear objective view of biomass as an energy source and explains three main areas:

**SCOPE 1** Direct emissions from Land Energy's own factory and sites - not counting energy they get from outside sources.

**SCOPE 2** This includes all the energy Land Energy uses, both on-site and off-site - for example, electricity from the grid.

**SCOPE 3** This covers all carbon emissions made by third parties in connection with operational activities - that's everything from sourcing from the forest floor and the production process to end-user products delivered to customers doors. This is the largest part of a company's carbon emissions.

Emissions are measured in terms of how much CO2 is released for every unit of energy delivered.



## THE RESULTS

Land Energy's wood pellets and briquettes, made and sourced here in the UK, are far better for the environment than those imported from other countries, **releasing 45% less CO<sub>2</sub> than the average imported product.**

**A short, sustainable supply chain - with minimal distances from forest sources (around 60 miles) - and an efficient supply chain from factory to customers (an average of 200 miles) is why Land Energy has the lowest CO<sub>2</sub> footprint in the business.**

Biomass often receives bad press, but when fibre is sourced locally it is, in actual fact, **26-times better than oil** - and this does not take into account the emitted flare gases that are released by major energy companies 24 hours a day.

Compared to using fossil fuels (gas or oil), Land Energy's biomass energy is far better for the environment. Auditel's report states that it is **70% better than gas** and **95% better than oil** when the **WHOLE** process from planting trees to using their energy is considered.

The report also responds to concerns from groups such as Greenpeace about how their activities affect the soil. Land Energy is working to minimise any negative impacts on issues such as peat bed disturbance.

## KEY POINTS

- **Imported wood pellets have significantly higher emissions than Land Energy wood pellets**
- **Heating oil has 9 times as much CO<sub>2</sub> output than Land Energy wood pellets (mains gas 7 times)**
- **Land Energy wood pellets are 4 times below the BSL standard threshold**

Land Energy is keen for people to understand their efforts to be eco-friendly - and welcome any comments on the published report.

[Read Auditel's full report here](#)

*\*Auditel - is a leading cost, procurement and carbon solutions company which helps organisations reduce their carbon emissions.*