

## CASE STUDY

## SUPPORTING CLIENTS TO ACHIEVE THEIR CLIMATE GOALS

Ricardo's sustainability experts have been working with a leading home improvements retail company to reduce its supply chain carbon emissions and help it achieve its ambition of being emissions net positive by 2050.

The retail organisation has set ambitious climate goals, aiming to reduce carbon emissions in their upstream and downstream supply chain both from the goods and services they purchase and in the use of their products once sold.

As part of the project, Ricardo's experts have delivered a product emissions inventory to identify emissions 'hotspots' which will become priority areas for action as well as life cycle analysis of products to inform the best ways to reduce carbon through product design, identifying both quick wins and longer-term strategies.



## MANAGING OUR ENVIRONMENTAL FOOTPRINT

We are committed to managing our environmental footprint and reducing it to a minimum, as well as ensuring that our services have a positive impact on society and the communities where we are based. The Board's commitment to this is embodied in our environmental policy (available internally and via our website) which covers:

- Relevant UN Sustainable Development Goals
- Delivering services that enable strategic improvements for our clients and the end-users of their products and services
- The desire to be responsible members of the local communities in which Ricardo operates

The impact of our operations, particularly testing and manufacturing, are the largest contributors to our operational carbon footprint and greenhouse gas (GHG) emissions (Scope 1 and 2). Our testing, for client- and research-funded programmes, primarily uses fuel and electrical energy; in addition, there is energy required for heating some of our sites. Our manufacturing energy use is predominantly power for machine tools and assembly facilities and gas used in our heat treatment plant. Our Scope 2 use is mainly electricity.

We comply with the Companies Act 2006 (Strategic and Directors' Report) Regulations 2013 on GHG emissions and have stated our comparative history in our strategic performance on pages [99–101](#). We comply with Streamlined Energy and Carbon Reporting via our disclosures under the Greenhouse Gas Protocol and commenting on all elements of our net zero strategy. As this requires the inclusion of fuels used in engine and vehicle testing, year-on-year variability can be expected due to the mix in types of tests and engine size.