



# Carbon Management and Life Cycle Analysis

Are you ready to quantify, understand, set targets, and implement plans to reduce emissions across your company's value chain? Our sustainability professionals can help.

The demand from consumers, investors, and government to tackle climate change is driving a shift in how our supply chains function. The first step on your sustainability journey can be the calculation of your companies' emissions.

We have expertise in Life Cycle Analysis (LCA) to a product, company, and industry level under the relevant ISO and GHG protocol standards. Our wide expertise in land use and knowledge of agricultural systems makes us particularly effective in dealing with what can be the most complicated and elusive elements of GHG emissions accounting; your Scope 3 emissions from agriculture and land use.

We have supported companies to grow their understanding of their emissions impact; identifying emissions hotspot areas and, crucially, identifying and quantifying practical, cost-effective interventions which could reduce emissions from these hotspots.

Setting science-based targets is a crucial step and companies setting targets under the Science Based Targets Initiative (SBTi) has been increasing over the past number of years. SAC Consulting have helped companies align targets with SBTi and get validated for SMEs and larger companies. With the introduction of the Forestry Land and Agriculture guidance under SBTi, the importance of understanding the impact of land use in terms of emissions and removals and setting relevant and meaningful targets has become increasingly important for companies with significant agricultural value chains.





Utilising SRUC researchers, we have cutting-edge insight into the effectiveness of agricultural interventions at both a local and global level. We provide you with peace of mind that our plans will have the desired impact on scope 3 emissions and align with relevant international standards.

Alongside our environment and sustainability team, we have a range of agricultural specialists in areas such as beef, sheep, dairy, pigs, poultry, potatoes, barley, and wheat, to name a few. This mix of sustainability and agricultural specialisms provides us with a unique advantage when supporting your engagement with agricultural supply chains.

We have led pilot programmes to baseline emissions across high emitting agricultural products for major retailers, followed up by engaging with their farmer suppliers to advise on the most cost effective, practical, and realistic solutions that would reduce the emissions both on farm and the overall scope 3 emissions of the company.

This blend of corporate sustainability expertise and grassroots agricultural consultancy allows us to provide a full end to end solution for tackling your scope 3 emissions. When producing GHG Management Plans, we strictly follow the GHG Management Hierarchy, focusing on elimination of GHG sources and reduction of GHG emissions in the first instance. However, we can also offer guidance and support in instances where carbon removals are required to tackle residual emissions. We're here to help whether you're looking at removals associated with agricultural production under the FLAG guidance, insetting across your existing value chain, or guidance and support on the purchase and use of high quality carbon credits. We have extensive knowledge of global voluntary carbon markets, specifically nature based and agricultural markets, and are ready to help you to achieve and demonstrate your low carbon credentials.

**If you want to know more, get in touch with [environment@sac.co.uk](mailto:environment@sac.co.uk).**