Renewable.bio
Level 2, Wentworth Building
300 Murray Street, Perth
Western Australia 6000

Emissions Assessment & Net Zero Aligned Carbon Offsetting

Most companies and organisations have an interest and or commitment to sustainability and climate change. This interest and action aligns well with corporate and social responsibility, investors, social licence and the well being of employees and community. A growing number of mandatory and voluntary reporting and disclosure standards guide and encourage the assessment and reporting of environment footprints. In the foreseeable future, consumers, investors, customers and suppliers will be making purchase, procurement and investment decisions based on sustainability.

There are many areas to address. One of the most basic and fundamental is understanding an organisations emissions footprint, and it's contribution to greenhouse gasses. There are 6 main greenhouse gasses, the main of which is CO2, carbon dioxide. Other greenhouse gasses are reported on an equivalent basis, ie it's impact in comparison to CO2.

Scope 1,2 & 3 Emissions

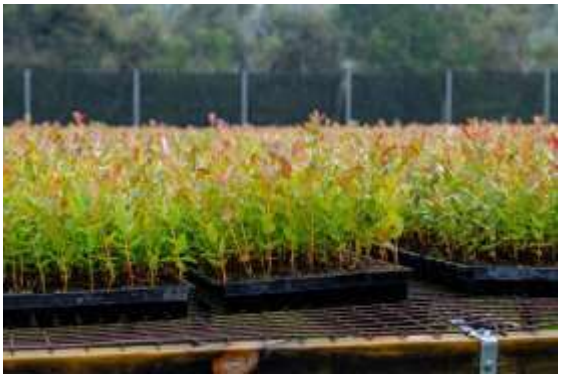
Assessing greenhouse gas emissions is a straightforward and typically annual auditing and analysis exercise guided by international standards such as the Greehouse Gas Protocol (GHG Protocol). Greenhouse gas emissions are broken down in to 3 scopes or areas;

Scope 1 Emissions – Direct emissions generated by the company or organisation

Scope 2 Emissions – Indirect emissions arising from energy use by the company or organisation

Scope 3 Emissions – Upstream and downstream emissions generated in the course or conducting business or operation such as key suppliers, key users and final processing and or consumption or use of the key products and services generated by the company or organisation.

Understanding your emissions footprint provides the basis for decision making, strategy and action. The Oxford Principles for Net Zero Carbon Offsetting provides a simple guide on strategy and action in 3 simple steps; Assess, Mitigate, Offset.



Mitigation

Once emissions are assessed, the next key step is mitigation, and this is an important and often overlooked opportunity. It is much more cost efficient and effective, and beneficial to the environment especially in the long term to reduce emissions. In the not too distant future, emissions will be taxed or commodity and product costs adjusted to compensate for emissions and their potential cost for abatement. Mitigation can require different level of work, investment and or adjustment to the processes and procedures that an organisation or company uses depending on the nature of the activity and it's emissions.

Renewable.bio
Level 2, Wentworth Building
300 Murray Street, Perth
Western Australia 6000

Offset

Once assessment and mitigation is understood, the final step is offset. What cannot be mitigated can be offset. Carbon offsets are approaching a commodity in form, purchased through a number of channels and sources. Importantly, not all carbon offsets are created equal. Some, which are typically low cost do not meet or are of low standard. Many, even large corporations have found that some carbon offsets don't meet the required objectives. We promote and provide what is termed 'high quality carbon offsets', defined by 4 levels of assessment and compliance; additionality, leakage, permanence and verification.

Net Zero

The objective of the process is to reduce emissions and ultimately achieve net zero, ie, the company or organisation has mitigated or offset all it's greenhouse gas emissions. This objective is currently voluntary and to date many countries, companies and organisations have set net zero targets. As these commitments permeate through supply chain, the public, customers and investors will be looking for other companies, commodities and services that are similarly aligned.

Renewable.bio provides the complete assessment, mitigation and offsetting service to companies and organisations. We have deep expertise in resources, commodities, energy, manufacturing and utilities that is used to quickly assess the processes, likely courses of action and solutions.

Our deep expertise in these industries is coupled with our core business of carbon sequestration and nature based solutions that provides carbon sequestration and carbon offsets using both global and community based solutions to support sustainability, transitions to net zero and climate change.

For further information, please visit www.renewable.bio