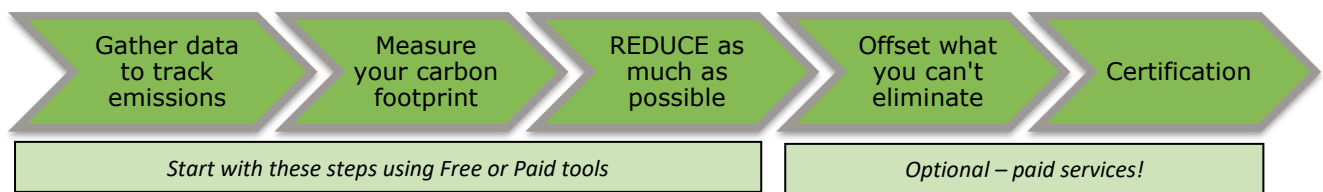


Carbon Calculators

Measuring your carbon footprint is the first step towards reducing your carbon emissions. Understanding your emissions will enable you to identify the areas of greatest impact and track the changes you make. You can then choose to offset the emissions which you can't eliminate and attain zero carbon certification. Government information about measuring your carbon footprint can be found here:

<https://www.tools.business.govt.nz/climate/guides/measure-your-carbon-footprint/>



Most tools require the following annual information:

- Company information
- Company vehicles
- Fuel
- Electricity
- Freight
- Flights for business travel
- Accommodation for business travel
- Non-company vehicles
- Business Waste
- Additional sources of emissions e.g. refrigerants, staff commute

There are many different carbon measurement tools available, so it is important to choose the one that is right for you. Free tools will provide you with an excellent starting point to estimate and track your emissions. Paid tools will provide verification and reporting services and many will facilitate offsetting and certification. Some require manual data collection and others will link directly to your accounting system to make a spend-based estimate. None are perfect but its important to make a start, reduce what you can, and measure the changes made.

Some of the popular carbon calculators are listed here. Note that their products and services can change quickly, so check their websites for the most up to date information.

Free Calculators

Free online tools calculate your emissions based on estimates that utilise generalized consumption data rather than individual measurements. They are less accurate but provide a very good starting point. We recommend that you choose a calculator which is designed specifically for NZ businesses.

Sustainable Business Network



- <https://www.tools.business.govt.nz/climate/footprint/intro>
- An online calculator for households and businesses
- Uses government agreed emissions factors
- Aims to be as robust as possible without being too complicated

EKOS – Business Lite



- <https://ekos.co.nz/businesslitecalculator>
- Online calculator is free to use if you meet set criteria eg must emit less than 50 tonnes of carbon – see website for details
- **Carbon Friendly Certification:** Option to measure and offset your carbon footprint *without* verification for \$250 + GST plus cost of offsetting.
- **Zero Carbon Business Lite Certification:** Option to measure and offset your carbon footprint *with* verification for \$950 + GST plus cost of offsetting.

Ministry for the Environment



- <https://environment.govt.nz/publications/measuring-emissions-a-guide-for-organisations-2022-detailed-guide/>
- If you like detailed spreadsheets, this could be a good option for you.
- A lot more detailed than the other online calculators
- Provides a suite of documents to help you really understand your emissions. The quick guide and [interactive workbook](#) are likely to be most helpful.

Carbon Positive



- <https://www.carbonpositive.org.nz/>
- Breaks down emissions into gas types and total expressed as carbon dioxide equivalent
- Free calculator is quick to use once you have collated the data
- Can upgrade to paid version for more detail, accuracy and insights with offsetting and certification options.

Carbon Neutral Trust



- <https://www.carbonneutraltrust.org.nz/>
- Run as a not for profit with volunteers to provide support
- Allows you to factor in plantings on your property which may already sequester carbon
- Offers a carbon offsetting scheme whereby all offsetting donations received will be spent in the local area from which the donation came.

Paid Services

Most paid tools follow [ISO 14067:2018 International Standards](#) for quantifying and reporting carbon emissions. Organisations who provide certification to businesses will align with this standard to ensure international standards are adhered to. This gives more confidence in the accuracy of the measurement and will avoid greenwashing concerns.

Toitū



- <https://www.toitu.co.nz/home>
- **Carbon Reduce, Carbon Zero and Climate Positive**
 - Indepth carbon services to verify your footprint
 - Allows you to make accurate claims about your impact
 - Toitū will facilitate offsetting any remaining emissions to net zero or better
 - Toitū has a range of offsetting projects in a range of countries in New Zealand and overseas. Their projects include renewable energy generation, forest sequestration, and landfill methane capture

EKOS



- <https://ekos.co.nz/>
- **Business Calculators**
 - EKOS staff will work with you to calculate reduce and offset your emissions to net zero or better with quality carbon credits
 - Provides detailed reports of your emissions and progress made
 - Businesses must be committed to reduction targets
 - Offsetting programme is run in partnership with landowners to grow indigenous forests in NZ and the Pacific Islands.

Carbon Trail



- <https://www.carbontrail.co/solutions/for-small-business>
- Links directly to Xero or MYOB accounting systems
- Uses AI to analyse your accounts and quickly estimate your emissions
- Real time updates!

Cogo



- <https://www.cogo.co/>
- Kiwibank Business Banking customers can access the Cogo app through Kiwibank
- Integrates with Xero accounting software to calculate carbon emissions
- Helps you take steps to reduce emissions
- Real time updates!

Carbon Click



- <https://www.carbonclick.com/>
- Quick, easy tools to measure your business footprint
- Includes a shopify plug in to add to your website for easy offsetting by your customers on checkout.
- Offer offsetting solutions