

Emissions Measurement & Management

SBC Quick Guide

December 2020



The Sustainable Business Council asks members to commit to:

- Begin to measure and report to the SBC on that member's carbon¹ (greenhouse gas) footprint, within two years of becoming a member.
- Report to the SBC on that member's plan to reduce its carbon¹ intensity within three years of becoming a member.

Measuring and managing greenhouse gas emissions (GHGs) is key to New Zealand's transition to a low-emission economy.

This is necessary if New Zealand is to meet the Paris Agreement commitment to reduce emissions by 30% emission reduction on 2005 levels by 2030 and to limit global warming to below 2°C. Climate change already affects the most vulnerable countries, populations and ecosystems. Action and cooperation, across all sectors, is needed to reduce global emissions, fast.

Measuring greenhouse gas emissions is the first step to understanding where impacts are greatest in a business. Managing emissions involves setting long-term targets for reductions and building a road map for how to get to the target.

To find out more about the Climate Leaders Coalition, a group of leading New Zealand businesses committed to taking action on climate change, visit their website here: www.climateleaderscoalition.org.nz

Science-Based Targets

SBC supports the Science-Based Target Setting Initiative (SBTi) and encourages its members to do the same. www.sciencebasedtargets.org Find out about NZ companies who have committed to science-based targets by searching under the Oceania region: www.sciencebasedtargets.org/companies-taking-action/


¹ Carbon refers to carbon equivalent and covers all greenhouse gases a business emits





Emissions measurement, management, assurance, offsets

 **Indicates Sustainable Business Council Member**

 **Indicates Climate Leaders Coalition signatory**


 **3R Group**
Resource recovery and waste minimisation expertise to increase resource efficiency and reduce waste to landfill and associated carbon emissions. www.3R.co.nz

 **Air New Zealand**
Air New Zealand's FlyNeutral programme makes understanding carbon emissions and offsetting easier and more visible for corporate and government customers. Organisations can see the carbon emissions from their Air New Zealand travel, and offset those emissions with carbon offsetting provider ClimateCare. Customers can also offset other organisational emissions under FlyNeutral. <https://www.airnewzealand.co.nz/sustainability-customer-carbon-offset>

 **BraveGen**
Manage historic, current and forecasted data including energy, waste, water, fugitive emissions at the global, subsidiary, facility and asset level. www.bravegen.com/our-solutions/sustainability-data-and-reporting-software/

Carbon and Energy Professionals New Zealand (CEP)

CEP is the home of energy efficiency and carbon reduction professionals. We run training and accreditation programmes in carbon and energy management that develop the capacity of businesses to improve efficiency, productivity and reduce carbon emissions. <https://cep.org.nz/>

 **Carbon & Energy Management Services (CarbonEMS)**
CarbonEMS is an international provider of energy, utility and greenhouse gas emission management services. We add value for our clients and we do this through improving the way they use energy and utilities, thereby reducing greenhouse gas emissions. <https://www.carbonems.com/>

Carbon South

Carbon South Limited is a carbon emissions consultancy service for small to medium-sized New Zealand businesses. They offer different levels of service depending on business needs - a simple consultation through to a full carbon emissions audit. www.carbonsouth.co.nz

Catalyst

Independent, specialist advice to develop efficient and higher value products and services. www.catalystnz.co.nz/sustain2015/environmental-footprinting

CDP

CDP is a not-for-profit charity that runs the global disclosure system for investors, companies, cities, states and regions to manage their environmental impacts. www.cdp.net





Certified Energy

The New Zealand Energy Certificate System (NZECS), managed by Certified Energy, issues certificates for 100% renewable and zero carbon electricity currently generated in New Zealand. Purchasing NZECS electricity certificates allows you to report zero-carbon electricity usage for Scope 2 emissions in accredited GHG reporting programmes and can help you meet RE100 targets as well as Climate Leaders Coalition commitments. www.certifiedenergy.co.nz



Deloitte

Alignment and assurance of your processes and reporting under sustainability-related regulations, standards and frameworks.

www2.deloitte.com/nz/en/pages/risk/solutions/sustainability-services.html



Energy Solution Providers

Implementing energy management across large portfolios & sites. Delivering real, significant, long term cost and energy reductions. www.espnz.co.nz/our-services/

ERM

ERM (Environmental Resource Management) service offerings include environmental assessments and planning, sustainability reporting and verification, climate change services and life cycle assessment.

www.erm.com/en/locations/new-zealand/



EY

Help organisations identify, develop and deliver strategies that address risk and opportunity while measuring their effectiveness. www.ey.com/nz/en/services/specialty-services/climate-change-and-sustainability-services/ey-climate-change-and-sustainability-services



KPMG

KPMG helps clients identify and understand sustainability risks and opportunities for businesses.

www.home.kpmg.com/nz/en/home/services/advisory/risk-consulting/sustainability-services/climate-change-sustainability-services1.html

OraTaiao & EKOS

A carbon offset initiative from OraTaiao in partnership with EKOS, an NZ-based charitable trust that supports rainforest conservation projects in NZ and the Pacific Islands.

www.orataiao.org.nz/offset_your_emissions



Oxygen Consulting

Oxygen Consulting provides practical support with all aspects of the sustainability journey, including emissions management, setting science based targets and developing an emissions reduction action plan that is right for your business. www.oxygen-consulting.co.nz



Proxima

The growing number of sustainability systems and certifications can be confusing; which one is right for you? Making the right choices to provide a strategic and cultural fit makes sure real value is added. Proxima can help advise on which one is best for your organisation. www.proxima.global

SLR

A range of services, including strategic carbon & energy performance improvement.

www.slrconsulting.com/services/carbon-energy-management





thinkstep-anz

thinkstep-anz enables organisations to succeed sustainably. They support organisations to manage their carbon emissions and develop reduction strategies, as well as specialising in LCA studies, Circular Economy projects, and materiality assessments. They implement their software solution SoFi for carbon and sustainability reporting. <http://www.thinkstep-anz.com/>



Toitū Envirocare

Toitū Envirocare helps businesses realise efficiencies, reduce their carbon footprint, and be more sustainable. Toitū carbonreduce, Toitū carbonzero and Toitū enviromark certifications meet and exceed the requirements of ISO standards and ensure consistent and comprehensive reporting, benchmarking and management under international best practice. www.toitu.co.nz



WSP

WSP has over 50 sustainability professionals working across our 40 offices in New Zealand with our clients on Life Cycle Analysis and Footprinting, Sustainable Infrastructure, Energy, Carbon, Greenhouse Gas, Waste and Water Resource Efficiency. www.wsp.com/en-NZ/sectors/sustainability-and-climate-change

Examples of SBC member emissions targets and reduction activity

3R <https://4fbsh41tr3e181xa49oews6-wpengine.netdna-ssl.com/wp-content/uploads/2014/06/3R-Sustainable-Development-Report-2018-2019-web.pdf>

Air New Zealand <https://p-airnz.com/cms/assets/PDFs/2019-Sustainability-Report.pdf>

Christchurch Airport https://www.christchurchairport.co.nz/media/941665/cial_our_place_2019_v01_04_fa_web.pdf

Contact Energy <https://contact.co.nz/aboutus/sustainability/emissions>

Countdown <https://www.countdown.co.nz/media/Countdown%20Sustainability%20Report%202019.pdf>

DB Breweries <https://www.dbsustainability.co.nz/>

Downer http://sustainability.downergroup.com/2019/assets/pdf/DOW_Sustainability-Report-2019.pdf

Ecostore https://ecostore.com/media/cms_blogs/ecostore_SustainabilityReport2018_.pdf

Fisher Paykel Healthcare <https://annualreport.fphcare.com/>

Fletcher Buildings <https://fletcherbuilding.com/assets/4-investor-centre/annual-reports/2019-annual-report.pdf>

Fonterra <https://view.publitas.com/fonterra/sustainability-report-2019/page/1>

IAG <https://www.iag.com.au/safer-communities/our-climate-action-plan>

Meridian Energy <https://indd.adobe.com/view/0cfe5849-19a7-40df-8a2e-cd1d1008a85d>

New Zealand Post www.nzpost.co.nz/sites/nz/files/uploads/shared/annual-reports/2019-nz-post-integrated-report.pdf



Ports of Auckland <http://www.poal.co.nz/media-publications/Pages/Ports-of-Auckland-Annual-Result-to-June-30,-2019.aspx>

Ravensdown <https://integratedreporting.ravensdown.co.nz/>

Sanford <https://www.sanford.co.nz/assets/announcements/SAN090-AR2019-v7a.pdf>

Silver Fern Farms <https://www.silverfernfarms.com/assets/Sustainability-Report-2018.pdf>

SkyCity https://www.skycityentertainmentgroup.com/media/2339/skya12319-annual-report-fy20_digital-run-200%C6%92-med-res-spreads.pdf

The Warehouse <https://www.thewarehousegroup.co.nz/investor-centre/2019-annual-report>

Z Energy <https://investors.z.co.nz/static-files/714028f3-d975-4692-a588-f97d558f00f8>



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