

Creating a **sustainable** future

A quick guide for delivering sustainable outcomes

**make
everyday
better.**

Sustainability is at the heart of what we do

The world around us is changing faster
than ever before.

Global political and economic developments,
advances in digital technology, changes to our
climate, disruption to your business in traditional
markets – open-up infinite opportunities to
adapt, evolve and do things better.

The most positive impact we can have on this
planet is by working together to help us all
succeed sustainably.

[The current landscape](#)

[Strategic sustainability support](#)

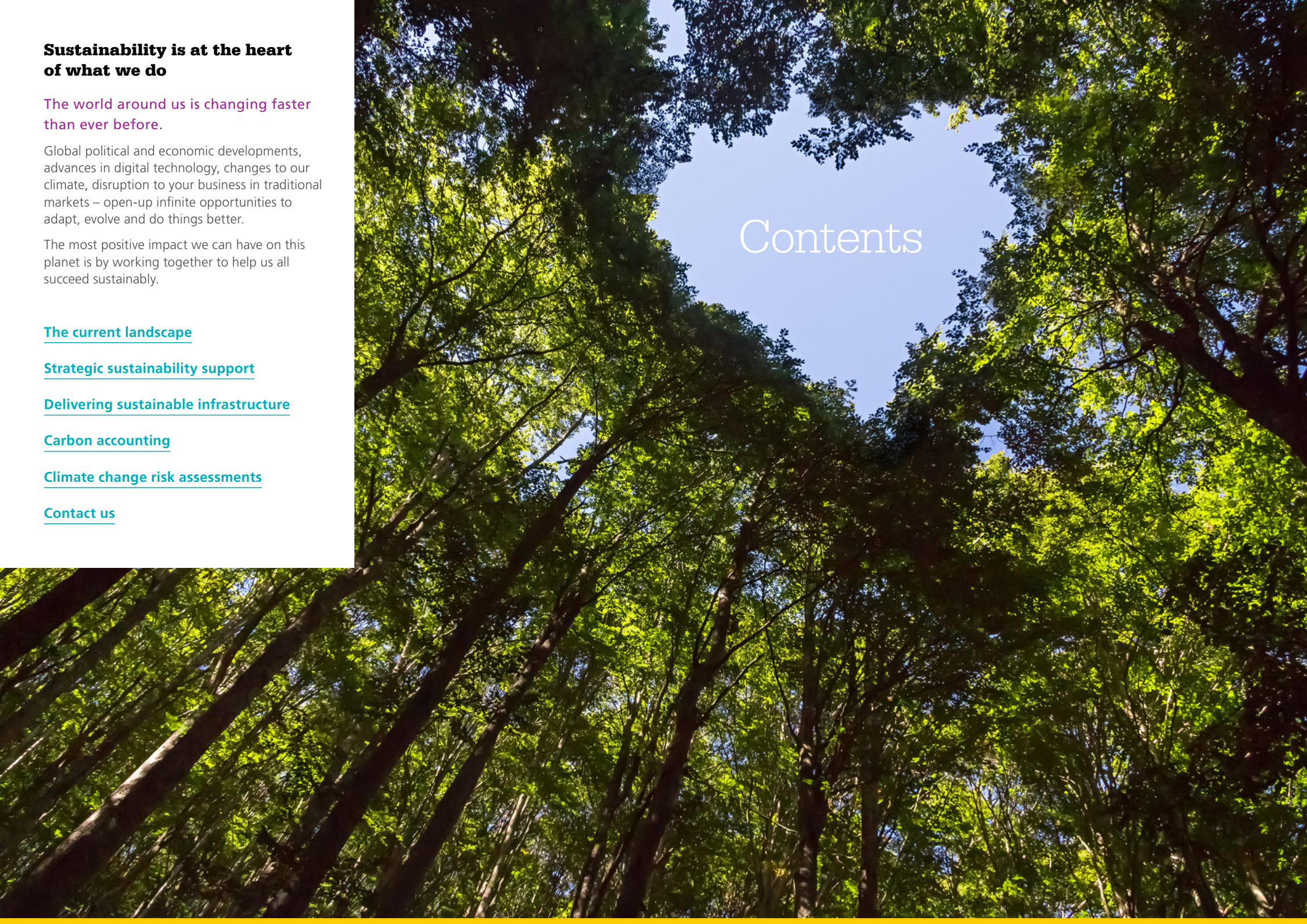
[Delivering sustainable infrastructure](#)

[Carbon accounting](#)

[Climate change risk assessments](#)

[Contact us](#)

Contents



The current landscape

Across the regions we all operate in, are numerous global and local factors and initiatives helping to drive a response to sustainability.



GLOBALLY

UN Sustainable Development Goals

These are [17 goals](#) that address global challenges to achieve a better and more sustainable future. They are adopted by all UN member states, including New Zealand and Australia, and relate to poverty, inequality, climate change, environmental degradation, peace and justice.

Paris Climate Agreement

A globally signed agreement in response to climate change; created to keep global temperature rise below 1.5 - 2°C above pre-industrial levels by moving to a low carbon future.

Climate emergency declarations

Made by local, state/regional or national governments to recognise how emergency action is now needed to respond to climate change to obtain resources to prevent a disaster caused by climate change.

Financial disclosure demands

Investors, financial institutions and insurers are considering their long-term risk exposure in light of climate change. This brings expectations that organisations understand and communicate physical and transition risks to assets and operations.

Financial stability

Taking coordinated action now on climate change is cost effective (not for individuals alone) - cheaper to mitigate than adapt. Implementing solutions now to reduce emissions will cost less than fixing the damage from climate change of waiting longer.

Social licence to operate

More than ever, people are scrutinising companies and products for sustainability before they make a purchase or choosing their employer. It is now important to demonstrate social and environmental value beyond financial output.

NEW ZEALAND

Climate Change Response (Zero Carbon) Amendment Act 2019

Aims to make New Zealand carbon neutral by 2050 in support of the Paris Climate Agreement.

Emissions Trading Scheme

A financial incentive to encourage businesses to reduce their greenhouse gas emissions, by assigning a price to their emissions.

Independent Climate Change Commission

Provides independent, expert advice to the Government to achieve a low emissions economy.

National Climate Change Risk Assessment

Provides an understanding of New Zealand's climate change risks, to allow the Government to identify and implement actions to reduce these risks.

AUSTRALIA

Australian Government

Every Australian state and mainland territory government has a legislated target or aspirational goal to have net zero emissions, by 2050.

Emissions Reduction Fund

A financial incentive for business to reduce their carbon emissions by earning carbon credit units for either storing or not emitting greenhouse gases.



Strategic sustainability support

Working with people to identify and achieve their environmental, social, cultural, and economic goals.

HOW WE CAN HELP

- By developing sustainability frameworks or strategic plans that align with the company's vision and goals.
- Through embedding sustainable design into decision making, business cases and operational processes.
- Providing tools and skills for Board members, senior leaders and staff on social, cultural and environmental issues, opportunities and strategies.

HOW YOU WILL BENEFIT

- Identify quick financial wins and benefits.
- Sustainability becomes part of your business as usual decision-making processes – driving outcomes by focusing on the social licence that your business to thrive.
- Demonstrates the commitment and focus in creating a more sustainable future.
- Enables an understanding of where sustainability needs to be integrated into governance and internal processes.
- Organisational risk is identified, accounted for and able to be managed.
- Board members and senior leaders develop a vision that leads to a better understanding of sustainability and their responsibilities.
- Turning aspirational climate change goals and emergency declarations into pragmatic action.



Delivering sustainable infrastructure

Providing you with a framework to drive environmental, social, cultural and economic outcomes from the planning, design, build and use of infrastructure.

HOW WE CAN HELP

- We have accredited Infrastructure Sustainability Council of Australia (ISCA), Infrastructure Sustainability Accredited Professionals (ISAPs) ready to help.
- Embedding sustainable development decision making into long term capital asset programmes, prompting questions such as 'should an asset even be built?'
- Through our expertise, providing guidance on where effort should be targeted for maximum benefits.
- Leading implementation of the ISCA framework to achieve certified ratings.

HOW YOU WILL BENEFIT

- An industry-led assessment framework which can be used for benchmarking infrastructure project outcomes.
- Helps identify whole-of-life risks and opportunities to prompt development of innovative, cost-effective, resilient solutions.
- Drives long term community focused benefits
- Encourages efficient planning, design and construction that minimises resource use, carbon and costs.
- Demonstrates to stakeholders an organisation's commitment to sustainable outcomes.
- Supports transparent performance improvement against sustainability goals.



Carbon accounting

Calculating carbon emissions from a project or across your whole organisation, to enable you to make informed decisions about climate change mitigation.

HOW WE CAN HELP

- Through international standards such as the ISO 14000 suite and the Greenhouse Gas protocol.
- By calculating direct emissions such as energy and fleet, and indirect emissions like waste, water, air and public travel, purchased goods and services.
- Help you identify their emissions reduction and cost saving opportunities, set targets and develop zero carbon road maps.
- Building team involvement and facilitation to get buy in and drive initiatives.

HOW YOU WILL BENEFIT

- Opportunities to drive efficiencies and cost savings in different parts of the business.
- Enables organisations to set a carbon targets and monitor progress to achieving net zero carbon.
- Provides a carbon baseline for developing a sustainability framework.
- Contributes to balanced decision-making.
- Staff attraction and retention.



Climate change risk assessments

Assessing the physical risks of climate change and the transition risks arising in a low carbon economy.

HOW WE CAN HELP

- Bring a strong technical lens in conducting risk assessments, consistent with national guidance.
- Applying recognised approaches to reporting and disclosure including recommendations from Task Force on Climate-related Financial Disclosure (TCFD).
- Developing processes and frameworks to identify, manage, mitigate and report on risks and opportunities presented by the climate crisis.
- Develop mitigation strategies and adaptation plans.

HOW YOU WILL BENEFIT

- Greater understanding of the resilience of the business and/or assets.
- Transparent disclosure on climate risks demonstrates to investors, shareholders, insurers, regulators and financial institutions that the company is aware of and managing climate risk.
- Identifies a strategy to adapt to climate change and transition to a low carbon future that makes long-term financial sense.
- Provides pragmatic actions to follow through on climate change emergency declarations.

Contact us for more information
and to find out how we can
make everyday better.



Genevieve Smith
Sustainability Manager

+64 9 3084 576

genevieve.smith@beca.com



Creative people together
transforming our world



New Zealand Auckland | Hamilton | Tauranga | New Plymouth | Palmerston North | Nelson | Wellington Christchurch | Queenstown | Dunedin
Australia Brisbane | Sydney | Canberra | Melbourne **Asia** Myanmar | Thailand | Indonesia **Pacific Islands** Fiji | New Caledonia

www.beca.com

