

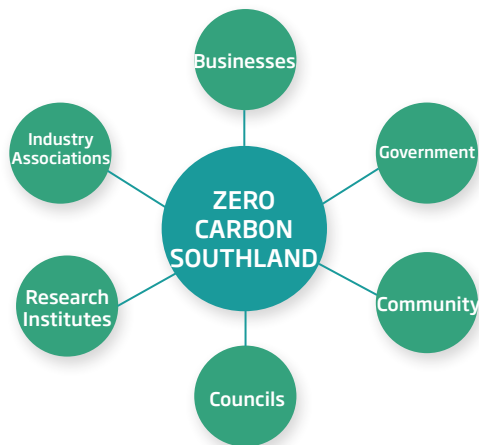
ZERO CARBON SOUTHLAND

Zero Carbon Southland provides a pathway for New Zealand to meet its greenhouse gas emission targets through investing domestically rather than purchasing credits offshore. It also creates a competitive advantage for Southland businesses by reducing the cost of carbon.

TARGETS

To establish a carbon emissions baseline for Southland.

Venture Southland are proposing a 3 year project delivered by Venture Southland in partnership with public and private sector organisations across all industries to measure current carbon set targets and work together to reduce the region's emission.



OBJECTIVES

- Developing a regional smart Zero Carbon Framework
- Creating an accurate local carbon measurement tool, measuring carbon avoidance of past regional projects to encourage wider adoption of technologies
- Identifying targets and goals to achieve Zero Carbon in Southland
- Scoping a local carbon trading platform
- Building a framework and business case for a funding support scheme for local projects to continue building a cleaner and more efficient Southland
- Monitoring and reporting of goals, targets and the project

KEY OUTCOMES

- CO₂** Lower Carbon and Methane emissions
- Cleaner air and healthy communities
- Reduced waste
- Cleaner water
- Cleaner more efficient transport
- Fewer cars and safer roads
- Business competitiveness and process optimisation
- Warm, dry, affordable and healthy homes

HOW WE PLAN TO GET THERE

- Efficient waste management and reduction systems
- Biogas through methane and waste recovery
- Biomass space heating and hot water systems and District heating
- Electric and fuel cell electric vehicles
- Cycling Strategy
- Insulation programmes such as the Southern Warm Homes and clean air loans



COLLABORATION

Venture Southland will be building on the successful projects already established in the Southland region and will continue to deliver these projects with those partners or will have access to the data to evaluate other Zero Carbon stakeholders projects.

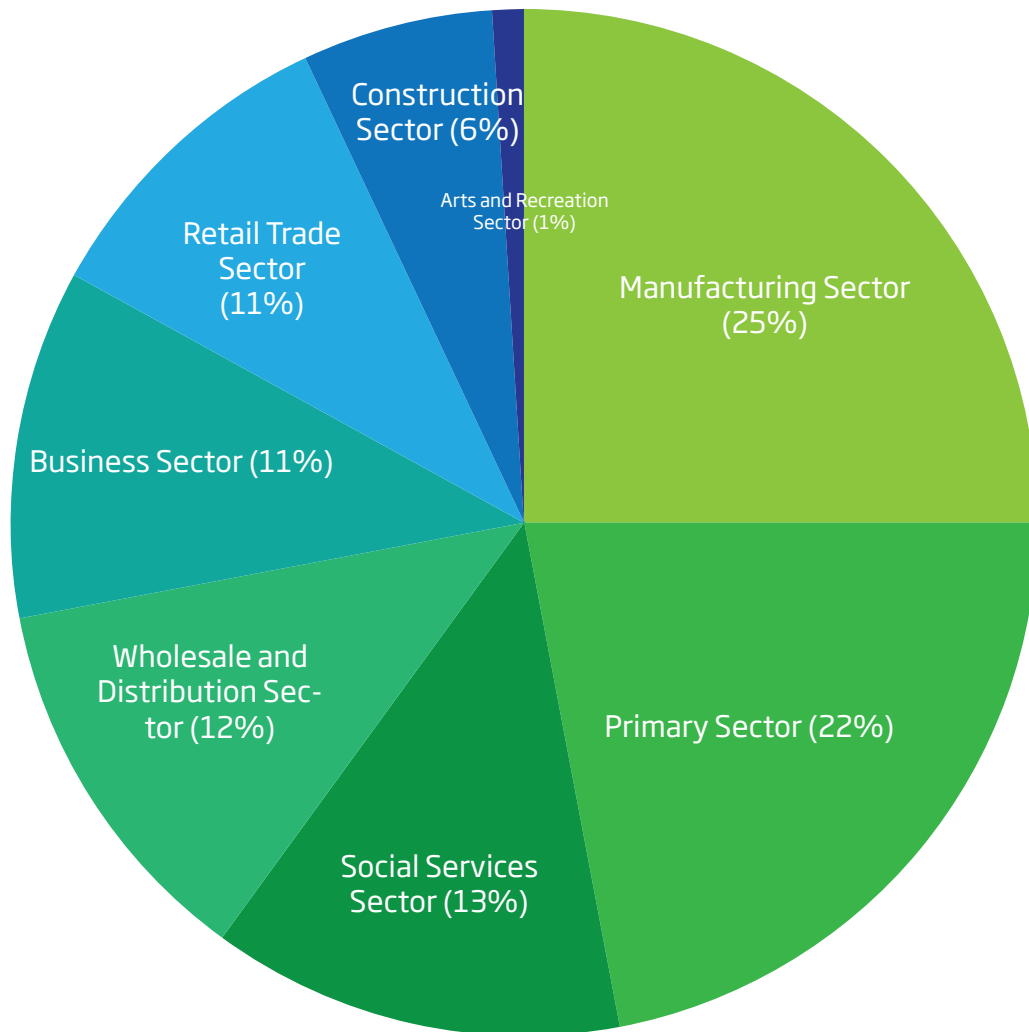
CONTACT

ISABEL HUTHER
TEL: 03 211 9102
EMAIL: ISABEL@
VENTURESOUTHLAND.CO.NZ

A REGIONAL APPROACH

ZERO CARBON OPPORTUNITIES IN SOUTHLAND (BY SECTOR)

Key Sectors in Southland:
A Sector Based Approach to Reducing Carbon Outputs in Southland



AIM - IDENTIFY AND PROMOTE KEY PROJECTS FOR EACH SECTOR DELIVERED IN PARTNERSHIP WITH LOCAL INDUSTRY AND COMMUNITY

OVERALL - INTRODUCING LARGE-SCALE DISTRICT HEATING SYSTEMS, CYCLE TRACKS AND CONNECTION OF INFRASTRUCTURE

MANUFACTURING SECTOR

A total of 545 manufacturers in the region (74 are food manufacturers).

Opportunities:

- Conversion to biomass boilers
- Growing the number of electric vehicles (EVs) and fuel cell electric vehicles (FCEVs)
- Waste to biogas

SOCIAL SERVICES SECTOR

A total of 172 schools and education providers in the region.

Opportunities:

- Conversion to biomass boilers
- Growing the number of electric vehicles (EVs)

WHOLESALE AND DISTRIBUTION SECTOR

A total of 194 transport operators and 80 courier & postal businesses in the region.

Opportunity:

- Growing the number of electric vehicles (EVs) and fuel cell electric vehicles (FCEVs)

PRIMARY SECTOR

A total of 900 farms in the region. 194 forestry and logging owners.

Opportunities:

- Conversion to biomass heat processing
- Growing the number of electric vehicles (EVs) and fuel cell electric vehicles (FCEVs), including electric farm bikes
- Waste to biogas

BUSINESS SECTOR

A total of 4,100 businesses in the region.

Opportunities:

- Conversion to biomass boilers
- Growing the number of electric vehicles (EVs)

ARTS AND RECREATION AND CONSTRUCTION SECTORS

Opportunity:

- Growing the number of electric vehicles (EVs) and promoting healthy transport systems