

BayTrust Climate Change Journey 2018 - 2024



Outflow, WBOP



Greening Taupō, Taupō

**BAY
TRUST**
Supporting
Great Communities

Vision

“2030 Vision – BOP people live in harmony with the natural environment enabling it to support our future generations:

- 90% of fresh waterways are potable and swimmable
- Coastal ecosystems are healthy so everyone can swim and sustainably gather kai moana
- Food security is strong
- Invasive pests have been eradicated, and there is an optimal level of biodiversity
- The BOP is greenhouse gas neutral with pollution below world health standards”



BayTrust CC journey

2018

Initial Assessment

Environmentally conscious Trustees/staff with no specific action plan or agreed approach

Investments

ESG training for Trustees, commitment to ESG and to reducing our exposure to fossil fuels

Community/Granting

"Environment" was a strategic priority area that referenced CC but no specific actions and limited granting in this area

2019

Board Acceptance

Board agrees impacts of CC on BOP is part of Trustee fiduciary responsibility and seeks to understand and mitigate risk

Public Statement and Drafting

BayTrust makes public statement during August APM on BT CC position and intentions and initial drafting of CC Action Plan

Draft Plan Endorsed

Draft CC Action Plan framed using an agreed climate responsible approach, endorsed in December

Climate Responsible Trust 2020- 2024: CCAP Goals



Goal One: In House

To be a carbon neutral/positive organisation



Goal Two: Sustainable Investor

Reshaping investment portfolio.
Target of reducing carbon by at least 50% by 2025



Goal Three: BOP Active Enabler

Supporting community climate initiatives



Key Achievements by 2024



Policy and Operational Integration

Climate change embedded in policies, priorities and application forms. CCAP integrated into Kaitiakitanga and KPIs. CC/sustainability integrated into Impact Assessment tool (weighted 10%). Most grants in Kaitiakitanga are considered CC/sustainability related and constitute around 20% of all grants.



Emissions Tracking

GHG monitoring and reporting established with Tadpole, audited by Ekos. Have consistently reduced our internal emissions since 2020 and offset to ensure we are a carbon positive organisation.



Sustainable Investment

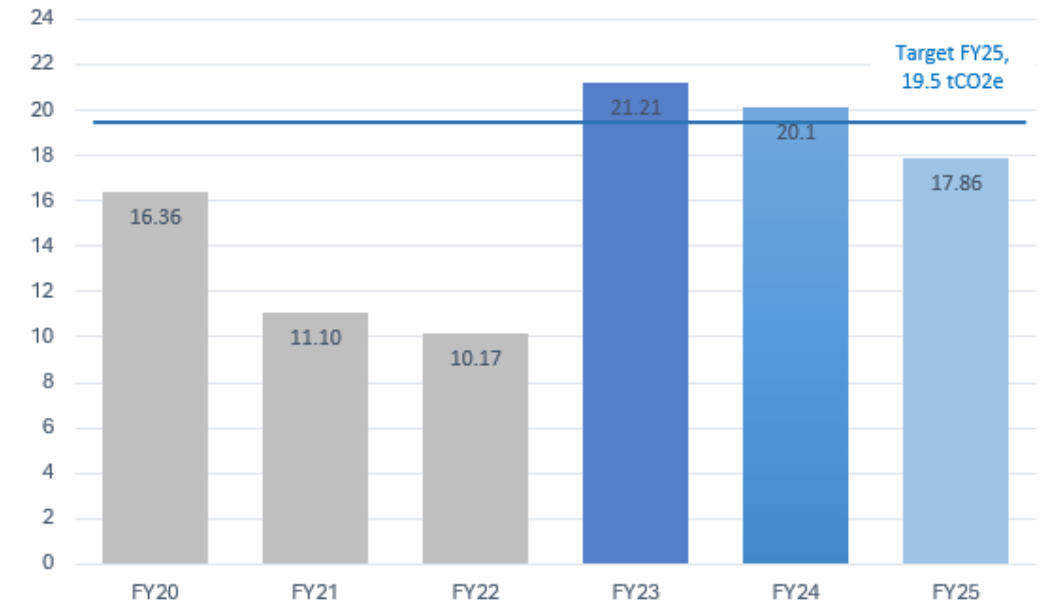
Sinking lid policy amended to focus on carbon footprint not just fossil fuel reserves. Achieved 64% carbon reduction in investment portfolio.



Community Engagement

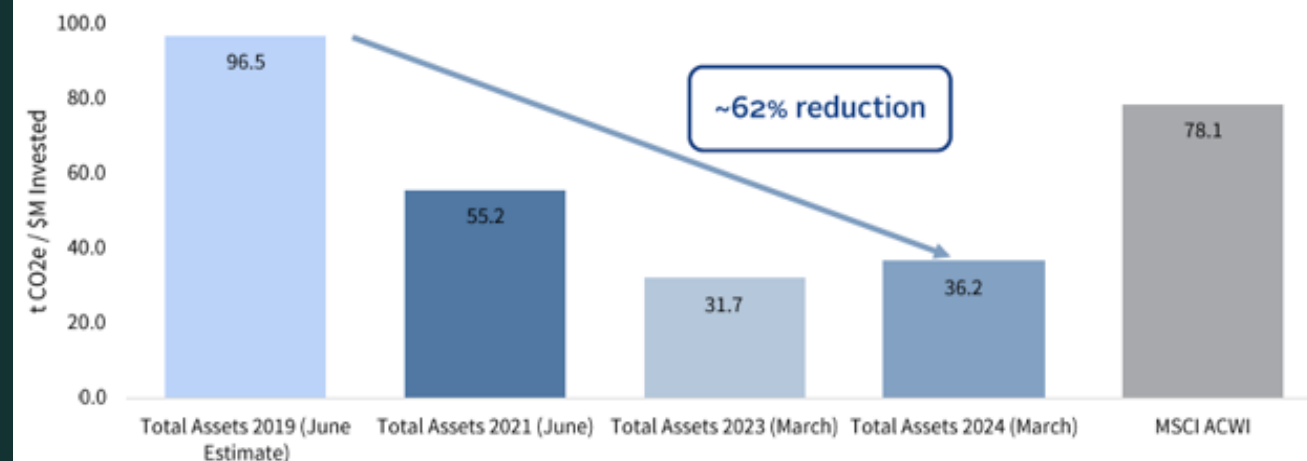
Conducted 6 regional sessions for emissions awareness and measurement. and provided individualized support for higher tier grantees.

BT Internal emissions tCO₂e



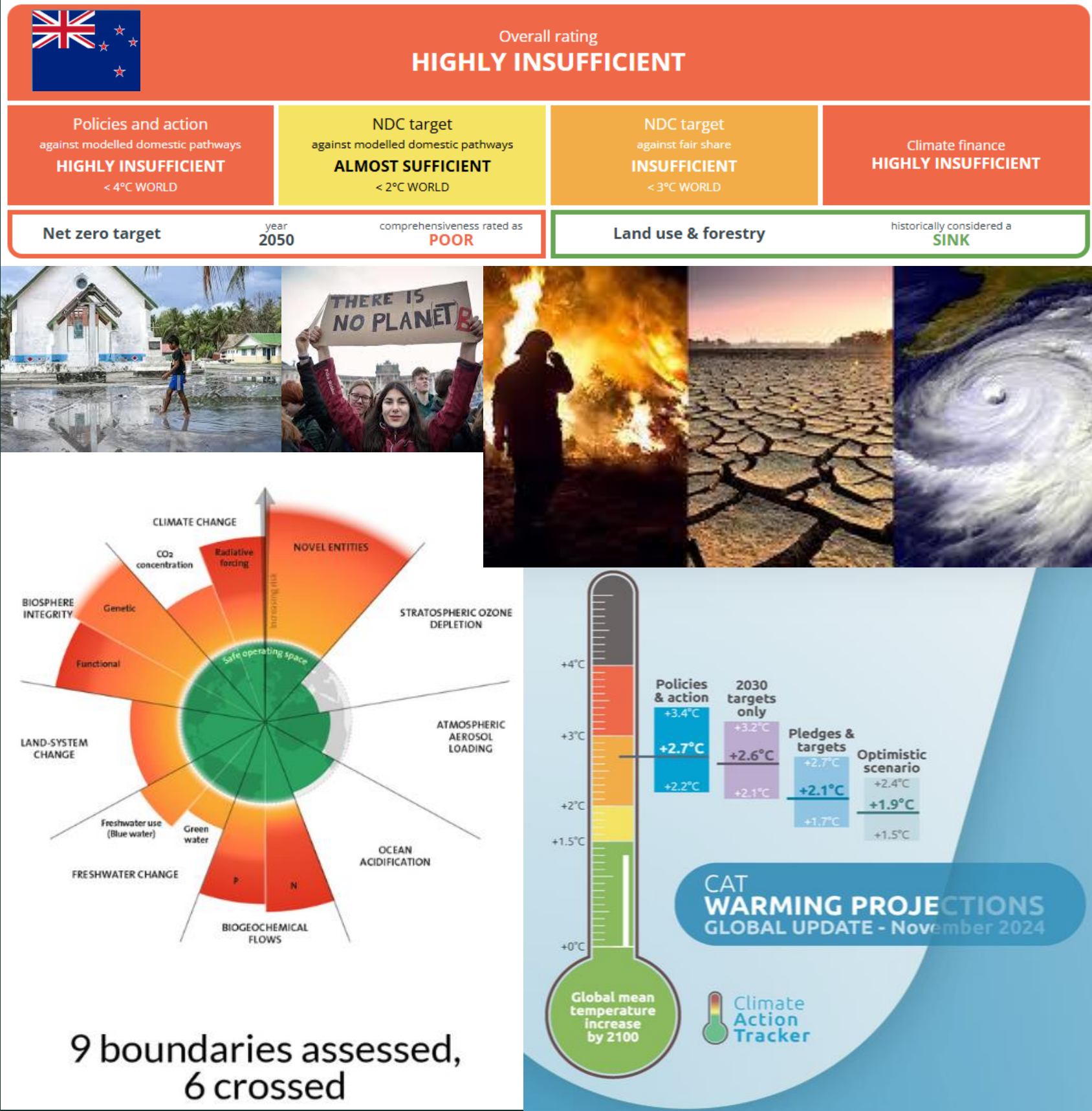
* Measurement prior to FY23 is disregarded due to impact of COVID and changes to measurement practice that resulted in higher emissions counts

Carbon Emissions of Measurable Assets including Listed and Private Managers



Climate Change Latest

- ⚡ 2024 and 2025 are currently the hottest years on record
- ⚡ Despite a growing awareness of the climate crisis, current global warming projections for 2100 have remained stagnant, with no improvement since 2021, according to Climate Analytics
- ⚡ New generation climate models, using an emissions scenario closest to current circumstances, show that 1.5°C of warming could be reached between 2026 and 2042, with a median of 2032
- ⚡ Extreme weather events, such as wildfires, storms, floods, and droughts, are becoming more frequent and intense, reflecting the accelerating climate crisis



BOP & Climate Change

Assuming current emission trajectories, with timing potentially delayed by 10-20 years under aggressive global climate action scenarios, the following impacts may occur



Summer temperatures regularly exceed 30°C by 2050 (currently rare), Tauranga Harbour faces 30-50cm sea level rise by 2100 threatening low-lying suburbs, Mount Maunganui's ocean beach could retreat 20-50 meters by 2080, ocean acidification threatens Bay scallops and other shellfish industries



Kiwifruit growing could shift to higher elevations inland, Radiata pine plantation productivity could decline 10-15% due to drought stress, increased wildfire risk during summer months, particularly around Rotorua. Erosion risk on steep pastoral land could increase 20-30% with intense rainfall



Increased flooding in Whakatane and Edgecumbe, groundwater contamination risk increases with sea level rise in coastal areas, **State Highway 2 through the Kaimai Range faces increased landslide and washout risks** Tauranga Port operations could be disrupted by more frequent storm surges, Rotorua's lakefront infrastructure requires adaptation for changing water levels



Dairy farming may shift from coastal flats to inland hills for cooler conditions. Irrigation demand could increase 30-50% for sustained production

NEW ZEALAND / TRANSPORT

State Highway 29 over the Kaimai Ranges reopens after slip cleared

6:51 am on 10 May 2025

Share this



BOP & Kaitiakitanga

2018	2019	2020	2021	2022	2023	2024
(Funding) 1. Housing 2. Youth 3. Environment 4. Whanau wellbeing/support/parenting	1. Housing availability/affordability 2. Opportunities for youth 3. Material deprivation/poverty, Environment/sustainability 4. Climate change risk 5. Support arts/culture and events	1. Housing availability/affordability 2. Inequity 3. Community/family support 4. COVID impact 5. Deprivation	(Funding) 1. Local Economic Recovery COVID 2. = Housing + environment/CC 3. Community cohesion 4. Youth	(Funding) 1. Climate Change 2. = Equitable access to services + youth 3. Health services 4. = Housing availability/affordability + Cost of living/poverty	(Funding) 1. Housing 2. = Environment/community cohesion 3. = Cost of living/Health 4. = Youth/Education	(Funding) 1. Social cohesion/community participation 2. =Environment/Health

⚡ Environmental support has remained a consistently high community priority when we talk/survey our communities over the last 7 years, and biodiversity loss, climate change, extreme weather are all in the top 5 of global risks

⚡ At our Feb planning day, having a flourishing environment and a climate positive world was seen by most attendees as critical to the BOP region