



If calling, please ask for Democratic Services

Climate Committee

Tuesday 10 May 2022, 1.00pm

Council Chamber, Greater Wellington Regional Council,
100 Cuba Street, Te Aro, Wellington

Members

Cr Nash (Chair)

Cr Connelly (Deputy Chair)

Cr Brash

Cr Gaylor

Cr Kirk-Burnnand

Cr Laban

Cr Lee

Cr van Lier

Recommendations in reports are not to be construed as Council policy until adopted by Council

Climate Committee

Tuesday 10 May 2022, 1.00pm

Council Chamber, Greater Wellington Regional Council,
100 Cuba Street, Te Aro, Wellington

Public Business

No.	Item	Report	Page
1.	Apologies		
2.	Conflict of interest declarations		
3.	Public participation		
4.	Confirmation of the Public minutes of the Climate Committee meeting on 15 February 2022	22.63	3
5.	Update on the Progress of Action Items from previous Climate Committee meetings – May 2022	22.155	6
6.	Low Carbon Economy	22.187	10
7.	Intergovernmental Panel Climate Change Mitigation of Climate Change Report	22.184	13
8.	Recloaking Papatūanuku Project Update – May 2022	22.182	25
9.	Climate Emergency Response programme status update	22.169	43



Please note these minutes remain unconfirmed until the Climate Committee meeting on 10 May 2022.

Report 22.63

Public minutes of the Climate Committee meeting on Tuesday 15 February 2022

All members participating remotely at 1pm.

Members Present

Councillor Nash (Chair)
Councillor Connelly (Deputy Chair)
Councillor Brash
Councillor Laban
Councillor Lee (from 1.08pm)
Councillor van Lier

All members participated at this meeting remotely, and counted for the purpose of quorum, as per clause 25B of Schedule 7 to the Local Government Act 2002.

Karakia timatanga

The Committee Chair opened the meeting with a karakia timatanga.

Public Business

1 Apologies

Moved: Cr Connelly / Cr van Lier

That the Committee accepts the apology for absence from Councillors Gaylor and Kirk-Burnnand.

The motion was **carried**.

2 Declarations of conflicts of interest

There were no declarations of conflicts of interest.

3 Public participation

There was no public participation.

4 Confirmation of the Public minutes of the Climate Committee meeting on 19 October 2022 - Report 21.489

Moved: Cr Brash / Cr Connelly

That the Committee confirms the Public minutes of the Climate Committee meeting on 19 October 2022 - Report 21.489

The motion was **carried**.

5 Update on Progress of Action Items from Previous Climate Committee Meetings – February 2022 – Report 22.16 [For Information]

Luke Troy, General Manager Strategy, spoke to the report.

6 Low Carbon Acceleration Fund Review – Report 22.18

Lisa Early, Team Leader, Climate Change, spoke to the report.

Moved: Cr Nash / Cr Brash

That the Committee:

- 1 Recommends that Council agrees that:
 - a no more than 70 percent of the present value of the Council's 255,660 free allocation New Zealand Units that underpin the Low Carbon Acceleration Fund (LCAF) across all LCAF projects, past and present, determined by the current New Zealand Unit spot price at the time of funding decisions, be allocated.
 - b if the spot price of NZUs drops, causing the current allocation of LCAF funding to exceed the 70% threshold, there will be a hiatus in considering further allocations of funds from the LCAF.
- 2 Recommends that Council agrees that a provision for borrowing to support the LCAF will be included in the 2022-23 draft annual plan.
- 3 Recommends that Council expands the eligibility criteria of the LCAF to permit bids from Wellington Regional Stadium (Option 1) noting that bids from within the Council will have priority.
- 4 Notes that none of the other criteria or decision-making processes for the LCAF are changed from what was previously agreed, apart from the change described in recommendation 3.

The motion was **carried**.

Councillor Lee arrived at the meeting at 1.08pm, during questions on the above item.

7 Parks Restoration – Managing Transition – Report 22.40 [For Information]

Jimmy Young, Manager, Parks, spoke to the report.

8 Wellington Regional Leadership Committee – Climate Change Projects Update – Report 22.41 [For Information]

Kim Kelly, Programme Director, Wellington Regional Leadership Committee Secretariat, spoke to the report.

9 Modelling Transport Emissions – Oral Report

Andrew Ford, Manager, Wellington Transport Analytics Unit, spoke to the report.

Mr Ford explained to the Committee how modelling transport emissions works, and what factors are taken into consideration. Mr Ford advised that a range of scenarios would be modelled to see how factors move the Wellington Region towards the target of a 35 percent reduction in transport related emissions by 2030 (an objective in the Regional Land Transport Plan 2021).

10 Climate Emergency Response Programme update – Report 22.30 [For Information]

Lisa Early, Team Leader, Climate Change, spoke to the report.

Karakia whakamutunga

The Committee Chair closed the meeting with a karakia whakamutunga.

The public meeting closed at 2.33pm.

Councillor T Nash

Chair

Date:

Climate Committee
10 May 2022
Report 22.155



For Information

UPDATE ON PROGRESS OF ACTION ITEMS FROM PREVIOUS CLIMATE COMMITTEE MEETINGS – MAY 2022

Te take mō te pūrongo

Purpose

1. To update the Climate Committee (the Committee) on the progress of action items arising from previous Committee meetings.

Te horopaki

Context

2. Items raised at Committee meetings, that require actions by officers, are listed in the table of action items from previous Committee meetings ([Attachment 1](#) - Action items from previous Climate Committee meetings – May 2022). All action items include an outline of the current status and a brief comment.

Ngā hua ahumoni

Financial implications

3. There are no financial implications from this report, but there may be implications arising from the actions listed.

Ngā tūāoma e whai ake nei

Next steps

4. Completed items will be removed from the action items table for the next report. Items not completed will continue to be progressed and reported. Any new items will be added to the table following this Committee meeting and circulated to the relevant business group/s for action.

Ngā āpitihanga

Attachment

Number	Title
1	Action items from previous Climate Committee meetings – May 2022

Ngā kaiwaitohu
Signatory

Approver	Wayne O'Donnell – General Manager Catchment Management
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<p>He whakarāpopoto i ngā huritaonga Summary of considerations</p>
<p><i>Fit with Council's roles or with Committee's terms of reference</i></p> <p>The action items are of an administrative nature and support the functioning of the Committee.</p>
<p><i>Implications for Māori</i></p> <p>Māori have a vested interest in climate change issues to the extent identified in Attachment 1.</p>
<p><i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i></p> <p>Action items contribute to Council's and Greater Wellington's related strategies, policies, and plans to the extent identified in Attachment 1.</p>
<p><i>Internal consultation</i></p> <p>There was no internal consultation.</p>
<p><i>Risks and impacts - legal / health and safety etc.</i></p> <p>There are no known risks.</p>

Attachment 1 to Report 22.155**Action items from previous Climate Committee meetings**

Meeting date	Action	Status and comment
19 October 2021	<p data-bbox="580 352 1245 416">Flood Protection Climate Change Policy and Approach – Report 21.200</p> <p data-bbox="580 453 674 480">Noted:</p> <p data-bbox="580 517 1245 651">The Committee requested that officers investigate the interaction between climate change policy and planning policies with the Wellington Region’s territorial authorities.</p>	<p data-bbox="1267 352 1346 379">Status</p> <p data-bbox="1267 400 1402 427">In progress</p> <p data-bbox="1267 453 1391 480">Comment</p> <p data-bbox="1267 501 1928 671">Resourcing constraints have delayed the progression of the regional workshop but this is still proposed to be held before the end of this financial year. Wellington Water Limited and Greater Wellington have agreed on this approach.</p>

Climate Committee
10 May 2022
Report 22.187



For Information

LOW CARBON ECONOMY

Te take mō te pūrongo

Purpose

1. To provide an oral update on the Low Carbon Economy work undertaken as part of the independent advice provided to the Regional Economic Development Plan (REDP).

Te horopaki

Context

2. The Wellington Regional Leadership Committee (WRLC) is currently working on a REDP for the region. This work is aiming to be finalised in July and will be presented to the WRLC meeting at that time.
3. The REDP is being co-ordinated by a range of organisations including local and central government, iwi and private enterprises and the project is led by WellingtonNZ with a steering group support the development of individual chapters and initiatives.
4. Independent advice, from MartinJenkins, was requested by the REDP steering group to look at a range of strategic areas including how the REDP considers and responds to the principle of enabling and contributing to the shift to a low carbon economy.
5. In developing advice on how to incorporate 'low carbon economy' into the plan MartinJenkins looked at
 - a why there is a need to address low carbon economy
 - b what we mean by low carbon economy, and
 - c how the Plan ensures it is enabling and contributing to a low carbon economy.
6. This work should not be confused with or seen as supplementing anything the Climate Committee has previously requested and was done to enable the REDP to give consideration to these items rather than a comprehensive review of a low carbon economy.

Ngā tūāoma e whai ake nei

Next steps

7. Patrick McVeigh from MartinJenkins will provide a brief presentation at the Committee's meeting on 10 May 2022.

**Ngā kaiwaitohu
Signatory**

Writer	Sean Mahoney – Company Portfolio and Economic Development Manager
Approver	Luke Troy – General Manager, Strategy

He whakarāpopoto i ngā huritaonga Summary of considerations
<p><i>Fit with Council's roles or with Committee's terms of reference</i></p> <p>The Climate Committee is responsible for reviewing Greater Wellington's role in regional climate change programmes and initiatives.</p>
<p><i>Implications for Māori</i></p> <p>Māori have a vest interest in climate change.</p>
<p><i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i></p> <p>The update contributes to the delivery of the Council's Climate Change Strategy</p>
<p><i>Internal consultation</i></p> <p>There was no internal consultation.</p>
<p><i>Risks and impacts - legal / health and safety etc.</i></p> <p>There are no known risks or impacts.</p>

Climate Committee
10 May 2022

Report 22.184

For Information



INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE MITIGATION OF CLIMATE CHANGE REPORT

Te take mō te pūrongo

Purpose

1. To update the Climate Committee (the Committee) on the Intergovernmental Panel on Climate Change (IPCC) Mitigation of Climate Change report.

Te horopaki

Context

2. The IPCC has just released the reporting of the Working Group 3 (WG3, climate mitigation) of the sixth assessment on climate change. This is a comprehensive report with almost three thousand pages of state-of-the-art international research highlighting why climate mitigation is urgently needed. The scientific findings have been peer reviewed by scientists from over 65 countries. The recommendations are relevant to the range of work done by Greater Wellington Regional Council, and the update will cover the following:
 - a. Timeline and rationale
 - b. Positives and challenges of progress on climate mitigation globally
 - c. How the IPCC recommendations relate to GWRC areas of influence

Ngā tūāoma e whai ake nei

Next steps

3. Dr. Alex Pezza, Senior Climate Scientist, will provide a brief presentation at the Committee's meeting on 10 May 2022.

Ngā āpitihanga

Attachment

Number	Title
1	IPCC AR6 2022 – Mitigation report

**Ngā kaiwaitohu
Signatory**

Writer	Dr. Alex Pezza - Senior Climate Scientist, Environment Management
Approver	Luke Troy - General Manager, Strategy

<p>He whakarāpopoto i ngā huritaonga Summary of considerations</p>
<p><i>Fit with Council's roles or with Committee's terms of reference</i> The aspects of climate mitigation from the IPCC help inform the Committee's workings</p>
<p><i>Implications for Māori</i> There are no known implications for Māori.</p>
<p><i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i> The update contributes to the delivery of the Council's Climate Change Strategy</p>
<p><i>Internal consultation</i> There was no internal consultation.</p>
<p><i>Risks and impacts - legal / health and safety etc.</i> There are no known risks or impacts.</p>

IPCC AR6 2022 – Mitigation report

Dr. Alex Pezza – Senior Climate Scientist

Alex.pezza@gw.govt.nz



Timeline

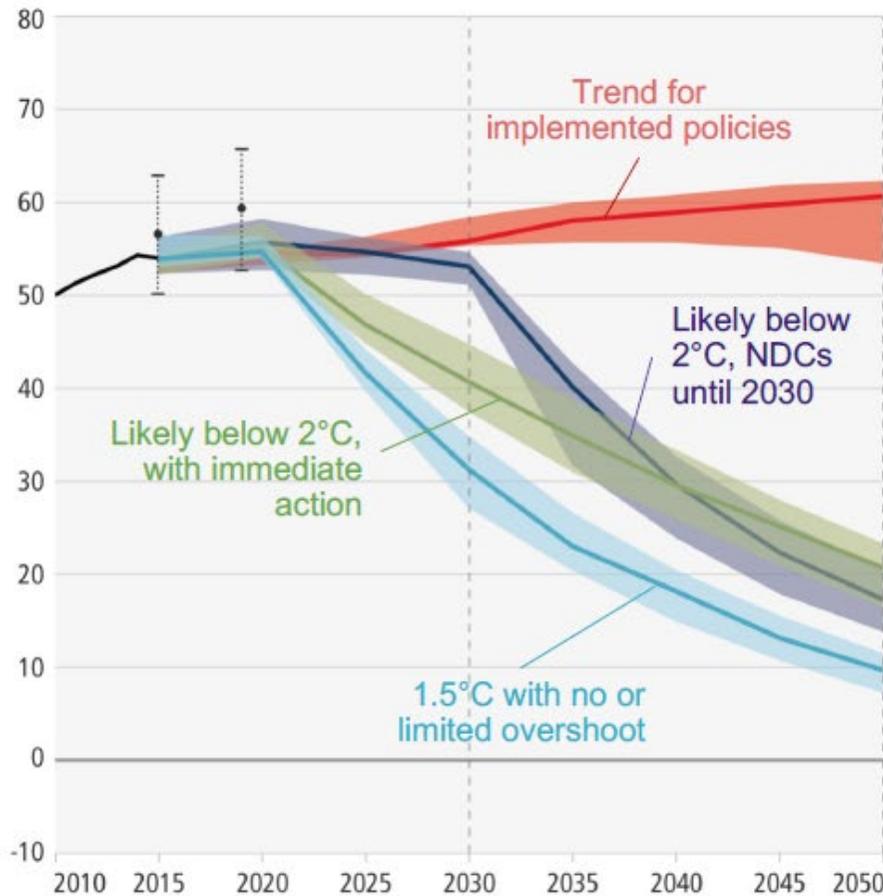
- WG 1: climate predictions, WG2: impacts
- Working Group III – mitigation
- Almost 3,000 pages of research
- Thousands of peer-reviewed references
- 354 authors, 65 countries

Positive highlights

- Rate of CO2 increase is already decreasing;
- **It's still possible** to stabilise at 1.5deg by late century
- Some countries already consistent with 2 deg
- Cost of renewable energy is decreasing exponentially
- There's sufficient global capital to close the gaps

Challenging highlights

- **Immediate and deep** emission reductions needed
- Only UK in 'almost sufficient' category
- Renewable energy production not totally green
- Uneven distribution of wealth complicates things
- Risk of unrest and civil wars
- **Carbon asymmetry:** carbon removal less effective
- Sequestration poses danger of perpetuating degradation



Limiting warming to 1.5 °C

- Global GHG emissions peak before 2025, reduced by 43% by 2030.
- Methane reduced by 34% by 2030

Limiting warming to around 2°C

- Global GHG emissions peak before 2025, reduced by 27% by 2030.

(based on IPCC-assessed scenarios)

How it relates to GWRC

- **key contributions:** (1) electrification, (2) agriculture, (3) ecosystem preservation, (4) green infrastructure, (5) integration between sectors and strategies



Land use

- can provide large-scale emissions reductions **and** remove and store CO₂ at scale
- protecting and restoring **natural ecosystems** to remove carbon: forests, peatlands, coastal wetlands, savannas and grasslands
- competing demands have to be **carefully managed**
- **cannot compensate** for **delayed** emission **reductions** in other sectors

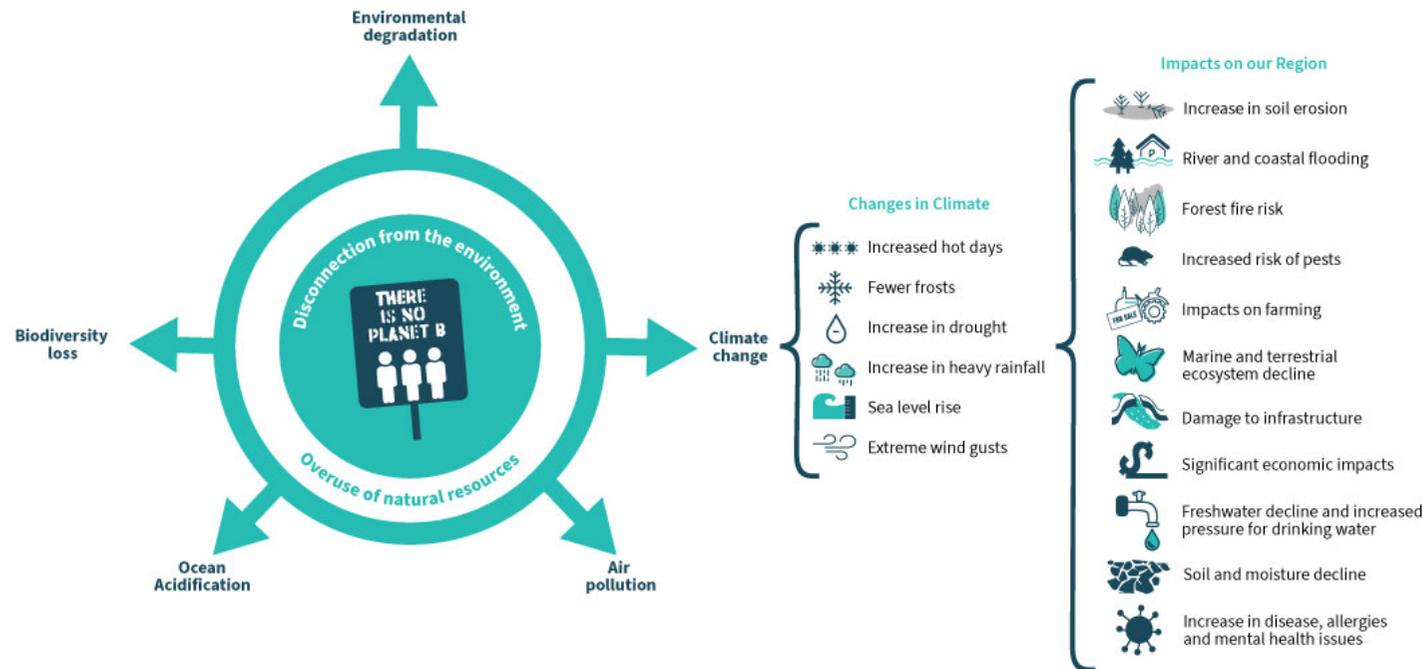
[Mokhamad Edliadi, Nanang Sujana/CIFOR CC BY-NC-ND 2.0]

ipcc



Conclusion

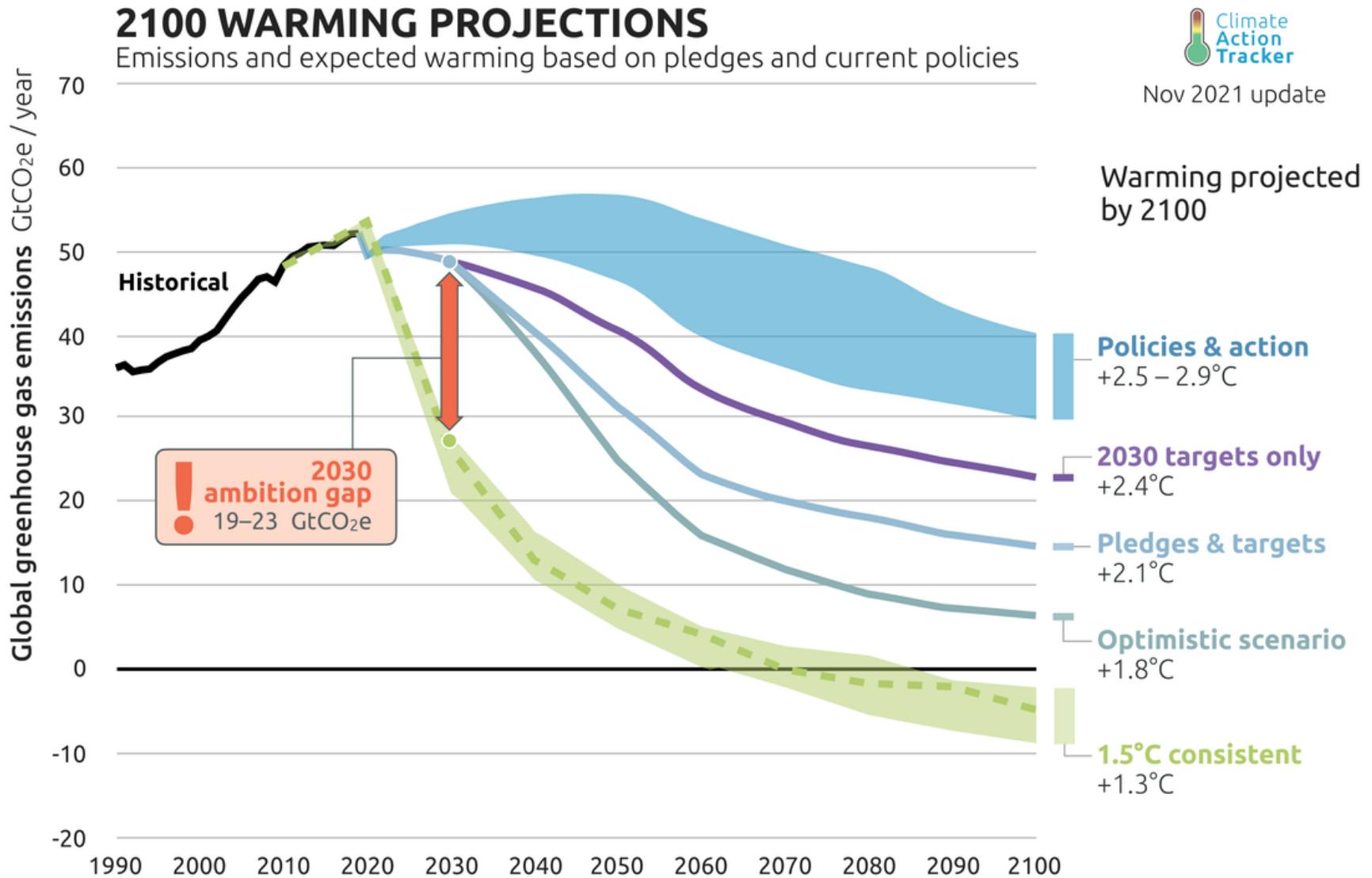
- Fossil fuel (polluting) technologies, environmental degradation no longer acceptable. New holistic paradigm, goes beyond carbon thinking.



Attachment 1 to Report 22.184



Nov 2021 update



Sixth Assessment Report

WORKING GROUP III – MITIGATION OF CLIMATE CHANGE



SUSTAINABLE DEVELOPMENT GOALS



Climate Committee
10 May 2022
Report 22.182



For Information

RECLOAKING PAPTŪĀNUKU PROJECT UPDATE – MAY 2022

Te take mō te pūrongo

Purpose

1. To update the Climate Committee (the Committee) on the status of the Recloaking Papatūānuku Project - the phased retirement of grazed land, and progressive restoration of indigenous ecosystems across Greater Wellington Regional Council's regional parks network.

Te horopaki

Context

2. The Parks department updates the Committee as required in relation to the status of the Recloaking Papatūānuku Project. The update will cover the following topics:
 - a Recloaking Papatūānuku Restoration Plan Development
 - b Opportunities to partner with mana whenua
 - c Winter Planting 2022
 - d Winter Planting 2023
 - e Restoration Planning
 - f Project Financials

Ngā tūāoma e whai ake nei

Next steps

3. The Parks Department will provide an speak to a presentation (**Attachment 1**) at the Committee's meeting on 10 May 2022.

Ngā āpitihanga

Attachment

Number	Title
1	Parks Restoration – LCAF Projects update May 2022

**Ngā kaiwaitohu
Signatories**

Writer	Toby Barach – Project Lead Parks Restoration - Parks Department
Approver	Al Cross – General Manager, Environment Management

He whakarāpopoto i ngā huritaonga Summary of considerations
<p><i>Fit with Council's roles or with Committee's terms of reference</i></p> <p>This update supports the Climate Committee purpose <i>To oversee the development, implementation and review of Council's climate change strategies, policies, plans, programmes and initiatives and to provide effective leadership on climate change for the organisation and the region.</i></p>
<p><i>Implications for Māori</i></p> <p>The Recloaking Papatūānuku Project provides opportunities to partner with mana whenua – these opportunities are outlined in Attachment 1.</p>
<p><i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i></p> <p>The update contributes to the delivery of the Greater Wellington's Climate Emergency Response, Toitū Te Whenua and Greater Wellington's emissions reduction pathways proposed for the 2021-31 Long Term Plan (LTP).</p>
<p><i>Internal consultation</i></p> <p>There was no internal consultation.</p>
<p><i>Risks and impacts - legal / health and safety etc.</i></p> <p>There are no known risks and impacts related to this report.</p>



Parks Restoration LCAF Projects update

Reclaiming Papatānuku Restoration Plan (RPRP)

- Three workshops with GW staff held
- The plan is now in draft awaiting input from mana whenua
- Currently working with Te Hunga Whiriwhiri to progress discussions with mana whenua
- The following planning process has been applied to date:
 - Draw on Toitu Te Whenua policies
 - Identify biophysical environments
 - Apply mana whenua framework and social / cultural overlays
 - Identify restoration management zones and identify restoration tools
 - Apply criteria to identify restoration priorities and develop a year-by-year work plan
- Input from community and stakeholders is required

Recloaking Papatūānuku Restoration Plan (RPRP)

- Early work plan development suggests:
 - **QEP to be a focus of early restoration** - retirement complete, low potential for natural regeneration and weed/fire threats
 - **Belmont Regional Park** will form a large component of restoration work - natural regeneration and planting
 - **Pest plants/animals** will need to be well managed
 - **Fire risk management** important in restoration design and priorities (Baring Head and QEP high risk)



Retired grazing land at QEP. Weeds are a challenge here.

Opportunities to partner with mana whenua

- Build capacity and continue to leverage Jobs for Nature projects beyond their finite dates
- Create long term kaitiaki and restoration roles for mana whenua
- Build Māori businesses, capacity and jobs to deliver restoration and restore the whenua over the long term
- Connect with community directions as expressed through master planning process

Winter 2022 planting

- Groundtruth Limited preferred supplier for planting at Kaitoke and QEP. 105,000 native trees to be planted over ~42ha in 2022 and 2023.
- 2022: Kaitoke ~ 5ha QEP ~ 27ha
- Only 80% of plants ordered available due to low propagation rates. Shortfall to be planted in 2023.
- Community Group planting 30,000+ plants across Parks
- Investigating opportunity to trial innovative direct seeding approach for native planting (hydro-seeding)



Stock in wetland areas at West Belmont (left) – land now retired and ready for planting this winter (supported by PCC)

Winter 2023 planting

- Seed collection underway (late start means certain species are not available). Ecosourcing seed is important.
- Look to support mana whenua led initiatives for seed collection, plant supply and planting
- Planning to set up a preferred supplier panel to have multiple contractors available for planting
- Pest plant and animal control work will be primarily covered by GW Biosecurity Dept. and contractors



Hem of Remutaka and GWRC staff learning about seed collection in East Harbour Regional Park

Restoration Planning

- Restoration of up to 150 hectares is being planned for 2023 (QEP, Belmont and Baring Head)
- Detailed restoration plans are required for Baring Head and QEP
- Currently seeking Ngāhere Korowai and community input into the draft restoration plan for West Belmont & Kilmister
- QEP Peatland restoration planning continues (consent required)
- Mana whenua involvement in planning is required
- Input from community needed

Restoring Belmont Parks seepage wetlands is a priority. Pockets of native bush are priorities for expansion and linkages via restoration plantings.



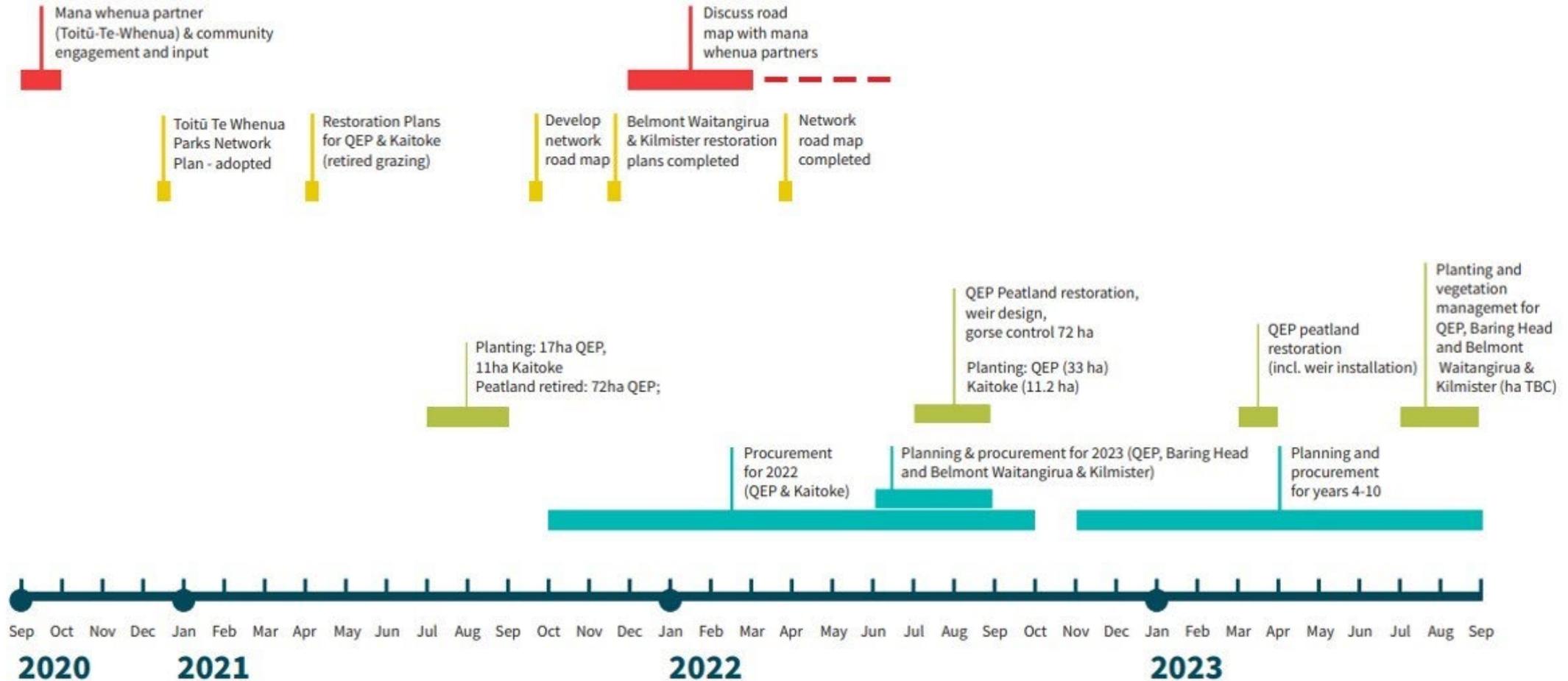
The parks master planning process will outline new tracks before restoration starts.



Shearing Sheds in Belmont RP provide potential opportunities for mana whenua and community led nursery developments.



Recloaking Papatūānuku Three Year Plan



2022 Finances

- LCAF Funding still critical as the program delivery will ramp up from 2023
- Spend to date is lower than anticipated - planning and consultation are taking time (spend is in line with delivery completed)

Financial Year	Budget	Spend	Forecast
2020/21	\$173,000	\$77,000	n/a
2021/22	\$3,827,000	\$400,000 (to end March)	\$376,000 (total for year \$776,000)
2022/23	\$2,000,000	n/a	\$1,420,000 (prelim est.)

Questions?



*Restoring healthy ecosystems for the
benefit of nature and people*

*He waka eke noa
We're all in this together, moving forward*

Climate Committee
10 May 2022
Report 22.169



For Information

CLIMATE EMERGENCY RESPONSE PROGRAMME STATUS UPDATE

Te take mō te pūrongo

Purpose

1. To update the Climate Committee (the Committee) on the Climate Emergency Response Programme.

Te tāhū kōrero

Background

Greater Wellington Climate Emergency Response Programme

2. Council declared a climate emergency in August 2019. This decision responds to the urgency climate change presents and encourages a step change in how Greater Wellington Regional Council (Greater Wellington) addresses climate change, both corporately and in how it uses its influence in the Wellington Region.
3. Council adopted two ten-point action plans - a Corporate Carbon Neutrality Action Plan and a Regional Climate Emergency Action Plan. These are collectively referred to as the Greater Wellington Climate Emergency Response Programme (the Programme).

Te tātaritanga

Analysis

Achievements this quarter

4. Officers have provided a status report on the Programme ([Attachment 1](#) - Climate Emergency Response Programme Status Report (May 2022)). The overall status of the Programme is on track, with a sharpened focus on climate action in the 2021/31 Long Term Plan. An overview of the status for each action plan item:

Action Plan	Complete	On track / Ongoing	Delayed	At risk
Corporate Carbon Neutrality	1	6	2	1
Regional Climate Emergency	1	4	-	5

5. Council decided on 24 February 2022 to accept recommendations regarding the Low Carbon Acceleration Fund (Report 22.66). Officers are now enacting the decision, with a funding round open to applications from Greater Wellington and the Wellington

Regional Stadium Trust. Suitable project proposals will come to the next Climate Committee meeting for consideration.

6. The Wellington Region Climate Change Forum (the Forum) met on 11 February and 1 April 2022. The Forum heard updates on climate action from the elected members of the Forum, as well as from a range of invited speakers. Ministry for the Environment staff attended to discuss the draft National Adaptation Plan, which is out for consultation from 27 April to 3 June 2022.
7. The Wellington Region Climate Change Impact Assessment (the Assessment), a Wellington Regional Leadership Committee project involving Greater Wellington, will be the most comprehensive assessment of climate change impacts on local government in the Wellington Region to date. The Assessment will be a first step in developing climate adaptation plans and strategies, including the Regional Adaptation Plan. This has progressed with the commissioning of a consultant consortium to undertake the work from April 2022.

Ngā hua ahumoni
Financial implications

8. There are no direct financial implications from this report. There may be financial implications as individual project analysis occurs, business cases are made and budget decisions are taken.

Ngā tūāoma e whai ake nei
Next steps

9. Updates will continue to be provided to each Committee meeting.

Ngā āpitihanga
Attachment

Number	Title
1	Climate Emergency Response Programme Status Report (May 2022)

Ngā kaiwaitohu
Signatories

Writers	Lisa Early – Team Leader, Climate Change
Approvers	Jake Gilmer – Manager, Strategic and Corporate Planning Luke Troy – General Manager, Strategy

He whakarāpopoto i ngā huritaonga Summary of considerations
<p><i>Fit with Council’s roles or with Committee’s terms of reference</i></p> <p>Updating the Climate Committee on the Programme’s status fits with its responsibility to “Oversee the development and review of Council’s climate change strategies, policies, plans, programmes, and initiatives (including Council’s Climate Emergency Response Programme); and recommend these matters (and variations) to Council for adoption.”</p>
<p><i>Implications for Māori</i></p> <p>Mana whenua and Māori are impacted by the choice of emissions reduction pathways that Greater Wellington takes to meet its climate goals, and by the need to engage with mana whenua on climate change projects. Regional climate planning must work to address the implications of climate change adaptation and mitigation for Māori / mana whenua.</p>
<p><i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i></p> <p>Much of the work carried out this quarter has been focussed on advancing the Climate Emergency Response Programme.</p>
<p><i>Internal consultation</i></p> <p>The Strategic and Corporate Planning department were consulted in the development of this report.</p>
<p><i>Risks and impacts - legal / health and safety etc.</i></p> <p>There are no identified risks relating to the content of this report.</p>

Attachment 1 to Report 22.169

Climate Emergency Response Programme Status Report (May 2022)

Corporate Carbon Neutrality Action Plan

	Description	Progress	Status Jan 22	Status May 22
1	Introduce a carbon reduction policy for the organisation. Decisions must consider what impact they will have on the carbon target(s), with a strong bias towards those options that will avoid, reduce or absorb emissions. The carbon reduction policy will be reflected in procurement policy.	Policy endorsed by Executive Leadership Team, support package completed, policy launched with roll out to business. Carbon reduction guidance is reflected in procurement practices and related guidance. Work to implement via procurement is ongoing.	Complete	Ongoing
2	Allocate responsibility for corporate carbon emissions and attainment of the targets to the chief executive, with an associated performance indicator.	Renewed in 2021 with new CEO.	On track	Complete
3	Investigate securing renewable electricity supplies for GWRC operations including via procurement, partnerships and/or direct investment.	A further option to increase Greater Wellington's renewable electricity supply is to establish generation capacity directly. Utility-scale solar, wind installations are financially viable in the right circumstances but outside Greater Wellington's usual activities. The Low Carbon Acceleration Fund could be used for such projects.	On track	On track
4	Accelerate the implementation of an electric bus fleet in the region by 2030	LTP confirmed plan to substantially decarbonise bus fleet by 2030, subject to central government funding. Electric fleet will increase to 119 by end of 2023/24. Currently, 14% of buses are EVs.	On track	Delayed
5	Adopt a target of a fully-electric corporate vehicle fleet by 2030 (if mature technology is available).	Charging infrastructure at Greater Wellington offices ready. Vehicle policy requires purchase of EV fleet vehicle if it can meet use requirements. Plans to remove 4 diesel vehicles from fleet underway. Current fleet is 13% EV/hybrid.	On track	On track
6	Investigate and evaluate options for off-road and high performance electric vehicles including through conversion,	Awaiting EV off-road vehicles on NZ market. EV ute demo held in Wellington and Upper Hutt, attended by staff from Greater	At risk	At risk

Attachment 1 to Report 22.169

Climate Emergency Response Programme Status Report (May 2022)

	Description	Progress	Status Jan 22	Status May 22
	joint procurement or partnerships with manufacturers.	Wellington, EECA, Meridian, Climate Commission, MOT, Porirua and Upper Hutt City Councils.		
7	Allocate resources to accelerate reforestation planting in regional parks, plan future phases, secure external funding where possible and develop agreements with DOC regarding acquiring carbon credits associated with planting in Queen Elizabeth Park.	Parks restoration of 1350 ha agreed in Long Term Plan. Low Carbon Acceleration funding in place. Strategic planning work for restoring the land (Recloaking Papatūānuku Restoration Plan) is underway; a key component is partnering with mana whenua which needs time. 72 ha QEP peatland and 208 ha grazing land retired. 27.6 ha at Kaitoke and QEP planted. 32 ha to be planted at Kaitoke and QEP in winter 2022. 159 ha grazing land retired at Belmont Regional Park. 186 ha of grazing land to be retired at Baring Head in early 2023. Planning underway to plant 100+ ha of retired land across QEP, Belmont and East Harbour Regional Parks in winter 2023.	On track	Delayed
8	Review the future of grazing leases in regional parks as part of the review of the Parks Network Plan and options to use this land for native reforestation where appropriate to earn carbon credits.	Baring Head/ Ōrua-pouanui, East Harbour Regional Park, grazing licence with reduced impact ends Jan 2023, with focus shifting to restoration and recreation. West Belmont licence ended Mar 2022, with no further stock grazing, and restoration and master planning processes in progress. East Belmont licence continues with minor progressive reduction in grazing area (in favour of recreation and restoration) until 2026. Akatarawa 5 ha grazing licence ending May/June 2022 and area to be restored. Two licences continue in Kaitoke until 2023. QEP pony club licence area continuing and moving off drained peat wetland to dune lands. Kapiti Stables horse trekking and grazing licence ends in Dec 2022. A new proposal being developed will not include cattle or non-recreational horse grazing. Battle Hill Farm Forest Park current licence ends in Dec 2022 and a new proposal refocused on farming education and reduced impacts is in development.	On track	On track

Attachment 1 to Report 22.169

Climate Emergency Response Programme Status Report (May 2022)

	Description	Progress	Status Jan 22	Status May 22
9	Work with the Boards and executive of CCOs, in particular CentrePort Wellington to align their level of ambition and programmes for reducing emissions with that of GWRC.	Organisations are at differing stages of working towards reducing their carbon emissions. CentrePort have measured emissions, set a net zero 2040 target, developed an emissions reduction plan, and will independently verify their emissions from 2022. The Stadium Trust are measuring their carbon footprint this year and are now eligible for the LCAF.	On track	On track
10	Sell down the free allocation of carbon credits (NZUs) GWRC received for its pre1990 forests to create a 'low carbon acceleration fund' to reduce the rates impact of this programme of work.	\$8M allocated to parks restoration for 2021/24. Following Council decision to allocate further funds via LCAF, a new round of applications is in process with a potential value of \$5M in 2022/23.	On track	On track

Regional Climate Emergency Action Plan

	Description	Progress	Status Jan 22	Status May 22
1	Establish appropriate governance arrangements for climate change	Climate Committee and Climate Emergency Response Programme Board established	Complete	Complete
2	Support decision making and policy development by including robust analysis of climate change impacts	Tools reviewed, guidance created to build Greater Wellington capability. Carbon policy completed. Climate Change Consideration guide revised. Climate Response Organisational Change Plan underway.	On track	On track
3	Review the GWRC climate change strategy and establish a senior management champion for climate change priorities within the organisation to ensure an internal culture shift is achieved	General Manager Strategy is programme sponsor. Team Leader Climate Change position established. Direction is set through two 10-point plans, which are soon due for review.	On track	On track

Attachment 1 to Report 22.169

Climate Emergency Response Programme Status Report (May 2022)

	Description	Progress	Status Jan 22	Status May 22
4	Advocate to Central Government to ensure legislation enables GWRC to expedite climate change and related water quality and quantity actions and consent based on an emissions threshold	Greater Wellington submitted on MPI's 'Managing exotic afforestation incentives in the ETS'. Next will be the draft National Adaptation Plan.	On track	On track
Regional adaptation				
5	Support territorial authorities to create and implement proactive place-based, inclusive and community-led, engagement programmes relevant to the different dynamics of each area, which draw on existing community networks and reflect the interdependent nature of environmental issues and people	RMA reform will include two new acts (on spatial planning and adaptation), expected to provide greater clarity on roles and responsibilities on local adaptation issues. Development of the Regional Policy Statement Climate Change Integration chapter is underway, which will include climate change / natural hazards guidance to TAs on district planning. The Wellington Region Climate Change Forum (WRCCF) meets quarterly, and the officer equivalent meets regularly; these guide and participate in the Wellington Regional Leadership Committee's (WRLC) climate projects.	At risk	At risk
6	Undertake additional technical research: a. to be able to provide detailed, fit-for-purpose advice to support community engagement programmes and advise infrastructure renewal programmes b. to inform fine scale mapping of areas at highest risk of flooding in conjunction with Wellington Water's storm water investigations	a. WRCC Forum, officers are collaborating on a co-funded WRLC regional climate change impacts assessment, awarded to a consultant consortium to begin in April; this will inform creation of a regional adaptation plan. The consortium includes Beca, NIWA, GNS, with input from Judy Lawrence, Richard Levy, Ilan Noy. b. Rapid regional flood hazard model developed; now analysing regional flood vulnerability and changes with climate change. Working with HCC, WWL, UHCC, KCDC and Wairarapa Councils on new flood hazard modelling projects ahead of district plans. Setting up a climate change technical workshop to discuss application of climate change guidance across the region to different modelling,	At risk	On track

Attachment 1 to Report 22.169

Climate Emergency Response Programme Status Report (May 2022)

	Description	Progress	Status Jan 22	Status May 22
		infrastructure and district plans. Working to improve flood forecasting and warning capability to respond to weather events.		
7	Actively work with central government to identify funding opportunities for community engagement programmes and financing adaptation responses	Currently limited capacity to progress. Government's Climate Emergency Response Fund is due out with Budget 2022.	At risk	At risk
Regional mitigation				
8	Work collaboratively with key institutions and agencies across the region to develop a Regional Climate Mitigation Plan	Stage 1 of the WRLC project to develop a Regional Emissions Reduction Strategy has begun and a project manager will be hired. It is expected that the National Emissions Reduction Plan will provide some direction in 2022.	At risk	At risk
9	Actively build a regional afforestation brokering role to build partnerships which capitalise on the Billion Trees programme and expand permanent native forests on public and private land	1 Billion Trees funding for hill country erosion and riparian /parks /biodiversity programmes are reported via <u>Environment Committee (31 March 2022 order paper)</u> , see Crown funded projects and programmes update. There is limited capacity to progress on private land, with constraints including resources, financial incentives, partnership responsibilities.	At risk	At risk
10	Embed emissions reductions targets in key programmes and projects to ensure the region contributes to the target of Net Zero New Zealand 2050, and long term infrastructure investments properly account for the anticipated increased cost of carbon resulting from the introduction of the Climate Change Response (Zero Carbon) Amendment Bill	Collaboration is occurring with the Regional Land Transport Plan, Wellington City Council and Let's Get Wellington Moving (LGWM) on agreeing targets, with greater focus on climate change at LGWM, along with a strong climate focus in the Wellington Regional Leadership Committee work. Modelling to understand the RLTP pathway to an emissions reduction target of 35% by 2030 is underway.	On track	On track