



# **Ordinary Meeting of Council**

**26 April 2023**

**UNDER SEPARATE COVER  
ATTACHMENTS**

**ITEMS 10.3 TO 12.1**

**QUEANBEYAN-PALERANG REGIONAL COUNCIL  
ORDINARY MEETING OF COUNCIL**

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# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 10.3      RESOLUTION ACTION SHEET

ATTACHMENT 1      RESOLUTION ACTION SHEET

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
12/09/18	PLA117/18	7.1	<b>Minutes of Environment and Sustainability Advisory Committee</b> That Council: 1. Note the minutes of Environment and Sustainability Advisory Committee held on 1 August 2018. 2. Give consideration to recommendations QPRC ESAC 08/18 and QPRC ESAC 09/18 from the meeting held on 1 August 2018: (QPRC ESAC 08/18) That Council: <ul style="list-style-type: none"> <li>Request a staff report by 30 November 2018 on the viability and cost to establish tool libraries.</li> <li>Seek community views on the type of items to include in its tool libraries.</li> <li>Identify potential funding sources, both within Council and external to fund tool libraries.</li> </ul>	Director - Development and Environment  Manager Natural Landscapes and Health	The tool library project is with the Waste Team, and through the waste minimisation work stream it is being investigated to see if it can progress through the 'buy back centres' currently run at Council's Waste Transfer Stations or by collaboration with an external community organisation such as the Men's Shed or Rotary. A renewed focus is being given to see if progress can be secured.  A Report to Council will be forthcoming by June 2023 to finalise this matter	June 2023	No
25/11/20	263/20	9.3	<b>Sassafras Crescent Reserve</b> That: 1. Council prepare high level concept options for potential upgrades to Sassafras Reserve and engage with the community on preferred options. Following the completion of the community engagement process, a report on submissions and recommendations come back to Council for consideration.	Director - Development and Environment  Manager Urban Landscapes	Design concepts complete, community engagement undertaken September 2022.  Report presented to Council in February 2023		Yes
27/10/21	316/21	9.3	<b>Proposed Planning Proposal – Abbeyfield Seniors Housing Project</b> That Council take all actions to progress a planning proposal to amend Schedule 1 (Additional Permitted Uses) of Palerang Local Environmental Plan 2014 or the Queanbeyan-Palerang Local Environmental Plan 2021 (if the latter is notified before the end of this process) in order to allow for Seniors Housing as a permissible use with consent on the northern part of the closed section of Majara Street Bungendore.	Director - Development and Environment  Manager Land-use Planning	Preliminary work has been undertaken on preparing a planning proposal in accordance with Council's resolution. This includes the preparation of a scoping proposal. It also includes preparation and distribution of a brief to appropriate consultants for the preparation of a Flood Impact and Risk Assessment to support the Scoping Proposal and Planning Proposal at the insistence of the DPE (Water, Floodplain and Coast).  Information report presented to 12 April Council Meeting		Yes



## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
10/11/21	PLA187/21	8.4	<b>Bungendore East Planning Proposal – State Agency Consultation and Public Exhibition</b> That Council support: <ol style="list-style-type: none"> <li>Any minor changes to the planning proposal to ensure that the RE1 and R2 land zonings appropriately reflect the 1% Annual Exceedance Probability flood level as identified in the Martens report, plus 500mm freeboard.</li> <li>Any minor changes to the planning proposal negotiated by staff with NSW Biodiversity and Conservation that ensure that the critically endangered vegetation on the site is suitably protected.</li> <li>The amended planning proposal being placed on public exhibition.</li> </ol>	Director - Development and Environment  Manager Land-use Planning	Refer Resolution 384/22 - 28 September 2022.  An Information Report was presented to Council on 12 April 2023		Yes
27/01/22	043/22	12.1	<b>Roads – Current State</b> That: <ol style="list-style-type: none"> <li>Council receive a report on:               <ol style="list-style-type: none"> <li>The current state of Council's road building, maintenance and repair capability (i.e. staffing, budget, portfolio organisation, assets etc).</li> <li>All current road building and maintenance projects with timeframes and budgets.</li> <li>The current outstanding road projects and maintenance requirements in the forward work program.</li> <li>An analysis of the community's road needs and our capability/capacity to service this, as well as any other threats to this capability.</li> <li>How repairs and maintenance are prioritised for unsealed roads for school bus routes.</li> </ol> </li> <li>A workshop be held prior to presentation to the August Ordinary meeting.</li> </ol>	Director – Infrastructure Services	Workshop held with Councillors in March 2023.  Report to be provided to Council.	May 2023	No
23/03/22	120/22	12.1	<b>Molonglo Rail Trail</b> That Council: <ol style="list-style-type: none"> <li>Note the completed Feasibility Study for a rail trail from Bungendore to Captains Flat.</li> <li>Support in principle the study's recommendation to proceed with a rail trail from Bungendore to Captains Flat.</li> </ol>	GM  Manager Business and Innovation	Action arising from this resolution is not possible until TfNSW has completed site testing and determined a plan for the extent of contamination mitigation measures.  Support provided to Molongo Rail Trail Committee.	Deferred indefinitely	No

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<p>3. Following the satisfactory resolution of the lead contamination issue, receive a further report from the GM on:</p> <ul style="list-style-type: none"> <li>Possible funding models to support a Development Plan for the rail trail.</li> </ul> <p>4. Possible strategies to undertake the necessary community and State government consultation to progress the planning and development of the rail trail.</p>		Information report to be presented to Council, to complete resolution, noting initiation of project pending satisfactory lead contamination outcome by TfNSW.		
23/03/22	124/22	9.4	<p><b>Consultation of Majors Creek and Araluen Greenwaste</b></p> <p>That Council:</p> <ol style="list-style-type: none"> <li>Consult with the Majors Creek and Araluen communities on the available options for managing greenwaste as summarised in this report.</li> <li>Receive a further report on the results of the consultation.</li> </ol>	<p>Director - Infrastructure Services</p> <p>Manager Utilities</p>	<p>Information report presented to Council on 14 April 2023</p> <p>Meeting organised with Araluen Progress Association on 8 May 2023.</p>	April 2023	Yes
23/03/22	136/22	12.2	<p><b>Community Meeting Space</b></p> <p>That Council:</p> <ol style="list-style-type: none"> <li>Receive a report from staff detailing: <ol style="list-style-type: none"> <li>Available meeting space in Council-owned facilities including: <ol style="list-style-type: none"> <li>Rooms that may become available once Queanbeyan-based staff are consolidated in the new Civic and Cultural precinct, and</li> <li>the date they are expected to become available.</li> </ol> </li> <li>Criteria for receiving a grant and whether these should be revised in light of increased demand for meeting spaces across the local government area.</li> <li>The funding sum set aside for this grant program in 2019-20; 2020-21; 2021-22.</li> <li>Whether the grant program was fully expended and where insufficient funds were available to meet all eligible applications.</li> </ol> </li> <li>Conduct a workshop to consider the report and how to meet increased demand for affordable community meeting space before: <ol style="list-style-type: none"> <li>Finalising a funding allocation for the QPRC Annual Community Grants Program Category B for 2022-23.</li> </ol> </li> </ol>	<p>Director - Community, Arts and Recreation</p> <p>Manager Recreation and Culture</p>	<p>It is expected this report and workshop discussion is held with plenty of time to review for the Operational Plan and Grants Programs.</p> <p>Workshop held 18 April 2023</p>	April 2023	Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			b. Identifying changes to the grants program that may be needed to support growing demand for community meeting space, including making more space available and how to do this, and updating the grant criteria.				
14/09/22	357/22	9.4	<b>Planning Proposal - Housekeeping Amendments to the Queanbeyan Local Environmental Plan 2012</b>  That Council agree to progress the submitted Scoping Proposal for housekeeping amendments to the Queanbeyan Local Environmental Plan 2012 in respect of the Googong Urban Release Area.	Director - Development and Environment  Manager Land-use Planning	A report on this Planning Proposal was presented to the 12 April meeting.		Yes
14/09/22	358/22	9.5	<b>Planning Proposal - Rezoning of Some Lands Within Bywong and Wamboin from C4 Environmental Living to R5 Large Lot Residential</b>  That Council:  1. Not proceed with the Planning Proposal PP-2021-860 to rezone certain land at Bywong and Wamboin from C4 Environmental Living to R5 Large Lot Residential. 2. Re-visit the merits of the previous discontinued Planning Proposal to review the range of exempt and complying development allowed in the C4 Environmental Living zone.	Director - Development and Environment  Manager Land-use Planning	Superseded by Resolution No. 025/23.		Yes
14/09/22	361/22	9.8	<b>Bungendore Men's Shed and Rotary Access to Sports Hub Land</b>  1. Council agree in principle to the proposal to establish a base for the Bungendore Men's Shed and Bungendore Rotary at the Bungendore Sports Hub. 2. Council begin negotiations between the parties to prepare a draft lease agreement setting out the value of the lease and the responsibilities of each party. 3. Upon preparation of the draft lease agreement the matter be returned to Council for consideration.	Legal Officer  Manager Urban Landscapes	Draft lease agreement to be prepared  Draft layout plans developed and licence agreement prepared for both Men's Shed and Rotary. Report to come back to Council early April 2023, before being exhibited under the Act.	May 2023	No
14/09/22	366/22	9.13	<b>Monaro Rail Trail</b>  That Council:  1. Receive and note the finalised Trail Development Plan for Stage 1a of the MRT and the working draft of v.3 of the MRT Business Case. 2. Provide in-principle support for the Monaro Rail Trail (MRT) and continue to: a. work with Snowy Monaro Regional Council (SMRC) and other stakeholders to bring the Queanbeyan-Michelago stage of the MRT to an investment-ready position;	Director - Community, Arts and Recreation  Manager Business and Innovation	As foreshadowed in the resolution, QPRC is continuing to progress each of the items 2(a-e) with the relevant stakeholders. This process will remain ongoing and a report will be presented to Council as per 2(e).		No

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<ul style="list-style-type: none"> <li>b. identify suitable models for a partnership with SMRC and/or MRT Inc for the construction and operational phases of the project;</li> <li>c. discuss potential lease arrangements with Transport for NSW for the rail corridor and report back to Council;</li> <li>d. identify options and plan for the extension of the MRT into the Queanbeyan CBD and existing cycle networks to maximise the economic and community benefit of the project, and</li> <li>e. identify funding opportunities for the construction of the initial stage of the MRT and, subject to the support of Council, prepare and submit funding applications.</li> </ul>				
28/09/22	383/22	9.3	<p><b>Bungendore Water Security -Integrated Water Cycle Management Plan</b></p> <p>That Council:</p> <ol style="list-style-type: none"> <li>Note that options 1 and 2 of the Palerang Communities Integrated Water Cycle Management (IWCM) Plan have not delivered the anticipated yield of potable water for Bungendore at this time.</li> <li>Receive a further report on the approvals pathway, viability and cost of constructing a bulk water supply trunk main (IWCM Strategy option 3) prior to proceeding with detailed design.</li> <li>Accept an offer for grant funding under tranche 3 of the NSW Government's Safe and Secure Water Program to develop the project to tender ready stage subject to confirming the feasibility of the project.</li> </ol>	<p>Director - Infrastructure Services</p> <p>Manager Utilities</p>	<p>Feasibility study complete.</p> <p>Councillor Workshop held on 15 March.</p> <p>Formal report to Council presented on 12 April 2023.</p>		Yes
28/09/22	384/22	9.4	<p><b>Bungendore Water Security - Structure Plan/Current Planning Proposals and Scoping Proposals</b></p> <p>That consideration of this item be deferred to:</p> <ol style="list-style-type: none"> <li>Request NSW Government assistance to secure a potable water supply for Bungendore based on priorities identified in the NSW State Infrastructure Strategy 2022 and the Draft South East Tablelands Regional Plan 2041.</li> <li>Receive a further report in relation to the refunding or otherwise of fees for Scoping and Planning Proposals already received by Council for proposals in Bungendore.</li> <li>Undertake community consultation and meet with the applicants of Scoping or Planning Proposals affected to outline the steps Council is undertaking to address this issue.</li> </ol>	<p>Director - Development and Environment</p> <p>Manager Land-Use Planning</p>	<p>1. Completed</p> <p>3. Completed</p> <p>Staff meeting with applicants</p>	May 2023	No

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
12/10/22	414/22	9.9	<b>Council Meeting Schedule</b> That: 1. Council reaffirm the following meeting schedule: i. Ordinary Council meetings be held on the second and fourth Wednesday of each month, except December and January, in the Council Chambers, Queanbeyan, commencing at 5.30pm and concluding no later than 9.30pm. ii. An Ordinary Council meeting be held on the third Wednesday of December and January, in the Council Chambers, Queanbeyan, commencing at 5.30pm and concluding no later than 9.30pm. iii. That pre-meeting briefing sessions be held at 4.00pm on the Tuesday prior to a Council Meeting. 2. The cost for a travelling meeting kit that enables full online participation at meetings held at other locations around the local government area be investigated and a report be brought back to Council.	Manager Digital	1. Completed 2. In progress		No
09/11/22	455/22	9.6	<b>Community Use - Treehouse and Visitor Information Centre in Queanbeyan</b> Council agree that: 1. The Queanbeyan Visitor Information Centre building become the new Senior Citizens centre when Council staff relocate to new premises in 2023. 2. Pending a successful development application, the Lions Book Centre can be located in Treehouse noting tenure will remain subject to the completion of a Master Plan for the Park and precincts. 3. Agreements be prepared for each entity to cover peppercorn rental, insurances, utilities and cleaning as needed to formalise these arrangements.	Director – Community, Arts and Recreation	All parties have been informed of Council decision and agreements are being formulated for signature.	July 2023	No
23/11/22	478/22	9.9	<b>Draft QPRC Bin Inspection and Contamination Policy</b> That Council: 1. Place the draft Bin Inspection and Contamination Policy on public exhibition in accordance with Council policies. 2. Receive a future report detailing the consultation process and outcomes.	Director – Infrastructure Services  Manager Utilities	Report presented to Council. Policy adopted.		Yes
23/11/22	481/11	9.12	<b>Reviewed Policies</b>	Program Coordinator –	All policies publicly exhibited		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			That Council place the following Policies on public exhibition for 28 days: <ul style="list-style-type: none"> <li>Corporate Sponsorship Policy</li> <li>Footpath Management Policy</li> <li>Cat Containment Policy</li> </ul>	Governance and Legal			
21/12/22	503/22	9.4	<b>Braidwood Structure Plan Discussion Paper</b> That Council endorse the Braidwood Structure Plan Discussion Paper for public exhibition, not before 30 January 2023.	Director – Development and Environment  Manager Land-use Planning	Actions taken so far include: <ul style="list-style-type: none"> <li>Background information on Council's web page. This includes a fact sheet, the discussion paper as well as an opportunity to participate in a survey.</li> <li>Referral of the discussion paper for comment to state agencies.</li> <li>The first community drop in session was held on Thursday 15 March</li> <li>Community meeting/workshop conducted.</li> </ul>	May 2023	Yes
21/12/22	506/22	9.7	<b>QPRC Sports Facilities Strategic Plan</b> That Council endorse the draft QPRC Sports Facilities Strategic Plan for public exhibition and comment until 15 March 2023, with a consultation report coming back to Council for consideration before final adoption.	Director – Community, Arts and Recreation  Manager Recreation and Culture	In progress		No
21/12/22	507/22	9.8	<b>Queanbeyan Micro-Forests Proposal</b> That Council endorse the concept of micro-forests within Queanbeyan and work with the community to establish a trial site at Blackall Park.	Director – Development and Environment  Manager Urban Landscapes	Project launched and fundraising commenced		Yes
21/12/22	508/22	9.9	<b>Contaminated Land Management Within QPRC - Proposed Adoption of Policy and Guidelines for Exhibition</b> That Council:	Director – Development and Environment  Manager Natural	Item 1. The policy, guideline and standard RAP will be placed on exhibition this week for a period of 42 days (likely ending 5 May 23 but TBC). Officers are exploring organising a workshop across internal teams to discuss the policy and guideline and		No

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<ol style="list-style-type: none"> <li>Place the Draft Contaminated Land Policy and Draft Contaminated Land Guideline on public exhibition for an extended period of 42 days, commencing no earlier than 30 January 2023.</li> <li>Provide information sessions for Captains Flat residents to explain how the requirements of the contaminated land legislation outlined in the Policy and Guidelines impacts the properties of residents and business operators. The sessions should include information on how the SRAP can be used by the land owners and provide information on "living with lead".</li> <li>Request the appropriate NSW Government agency send a representative to the information sessions for Captains Flat residents.</li> <li>Request the Mayor write to the relevant NSW Government Minister and the Member for Monaro seeking an urgent meeting to discuss how the NSW Government can support people in Captains Flat to meet the requirements of the contaminated land management arrangements, including by providing financial support.</li> </ol>	Landscapes and Health	<p>for this to be reported to Council in the at a future date.</p> <p>Items 2, 3 &amp; 4- Officers are exploring these matters, including community consultation during the exhibition period for the policy documents, with work needed ensuring timing and design of any consultation.</p>		
21/12/22	509/22	9.10	<p><b>Exhibition of Draft Public Electric Vehicle Charging Infrastructure Policy</b></p> <p>That:</p> <ol style="list-style-type: none"> <li>The Public Electric Vehicle Charging Infrastructure Policy and associated Locality Plan be placed on public exhibition for a period of 42 days.</li> <li>In relation to the existing public place electric vehicle EV charging station at the Googong Common Carpark, a report come back to Council for the possible disposal of the units.</li> </ol>	<p>Director – Development and Environment</p> <p>Manager Natural Landscapes and Health</p>	<ol style="list-style-type: none"> <li>Policy adopted</li> <li>Report yet to be presented to Council</li> </ol>	May 2023	No
21/12/22	511/22	9.12	<p><b>Ellerton Drive Noise Assessment</b></p> <p>That consideration of the Ellerton Drive Noise Assessment be deferred and brought back to a later Council meeting following consultation with affected residents and a Councillor workshop.</p>	<p>Director – Infrastructure Services</p> <p>Manager Contracts and Projects</p>	Report presented to 8 March 2023 Council Meeting		Yes
21/12/22	518/22	9.18	<p><b>Library Local and Family History Collections Policy</b></p> <p>That Council place the Library Local and Family History Collections Policy on public exhibition for 28 days with a consultation report coming back to Council for consideration before final adoption.</p>	<p>Director – Community, Arts and Recreation</p> <p>Manager Community and Education</p>	Policy adopted		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
21/12/22	523/22	9.23	<b>Presentation of 2021-22 Audited Financial Statements</b> That Council: 1. Accept the audited General Purpose Financial Statements, Special Purpose Financial Statements and Special Schedules for the year ended 30 June 2022, and note that public submissions will be accepted until 9 February 2023. 2. Note the additional claim for \$85,000 made by the Auditor General and write to the Minister of Local Government to advise that Council objects to the additional cost being notified after the completion of the audit work, and without sufficient justification.	Director – Corporate Services  CFO	Completed		Yes
21/12/22	534/22	11.3	<b>Bungendore Town Centre and Environs Advisory Committee Meeting Minutes</b> That Council: 1. Note the minutes of Bungendore Town Centre and Environs Committee meetings held on 19 September 2022 and 17 October 2022. 2. Note the Committees support for a public toilet facility in the proposed upgrade of Frogs Hollow. 3. Note the Committees support for the flood mitigation works identified in the Bungendore Floodplain Risk Management Study and Plan on Turallo Creek and prioritise works to be prevent the isolation of Elmslea subject to funding availability. 4. Note the Committees support of the QPRC Resolution to defer a final decision on the way ahead pending further investigation of options and alternatives. 5. Note the Committees request to temporarily remediate the site on the corner of Gibraltar and Ellendon Streets by removing construction fencing and installing a low maintenance grass/garden area.	Director – Community, Arts and Recreation  Manager Recreation and Culture	Completed		Yes
21/12/22	536/22	9.3	<b>Determination of Applications for the Local Heritage Places Grants 2022-23</b> That Council adopt the recommendations to provide funding under the Local Heritage Places Grant Program to the applications numbered 3, 4, 5 and 6 totalling \$19,000 as listed in Attachment 4.	Director – Development and Environment  Manager Land-use Planning	All successful applicants have been notified.		Yes
18/01/23	005/23	9.1	<b>Main Street Grant Applications 2022/23</b>	Director – Development	Completed		Yes



## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			That Council agree to the recommended projects being funded under the Main Street Upgrade Fund 2022/23 as summarised in Attachment 1.	and Environment  Manager Land-use Planning			
18/01/23	006/23	9.2	<b>Queanbeyan Integrated Water Cycle Management (IWCN) Report</b> That Council: 1. Place the Draft Queanbeyan Integrated Water Cycle Management (IWCN) Report on exhibition until 31 March 2023. 2. Submit the Draft IWCN Report to DPIE (Water) for comment.	Director – Infrastructure Services  Manager Contracts and Projects			
18/01/23	007/23	9.3	<b>Multi-Sport Community Facility Fund 2022/23 (Round 2) Queanbeyan Regional Sports Complex</b> That Council accept the NSW Government's Multi-Sports Community Facilities Fund 2022/23 (Round 2) grant of \$1,105,500 for the Regional Sports Complex - Tiered Seating, Landscaping and Wayfinding project.	Director – Development and Environment  Manager Urban Landscapes	Completed		Yes
18/01/23	008/23	9.4	<b>Floodplain Management Program 2022-23 – Bungendore</b> That Council consider the funding offer from NSW Department of Planning and Environment's (DPE) Floodplain Management Program for the Bungendore overflow channel project after advice is received from the NSW Environment Minister on waiving the 2:1 funding requirement.	Director – Infrastructure Services  Manager Contracts and Projects	Superseded by Resolution No 048/23 22 February 2023		Yes
18/01/23	009/23	9.5	<b>New Fee - School Hire of Sportsfields</b> That Council: 1. Agree to continue to provide access to the Mick Sherd Oval and David Madew Oval to facilitate School recreational activities, while High School demountable fixtures are in place on Primary School recreational space. 2. Request clarification from the Department of Education on the arrangement regarding use for the ovals. 3. This be subject to review every 12 months. 4. Note that the NSW Department of Education has agreed that both Bungendore High School and Jerrabomberra High School do not need access to the Mick Sherd Oval or David Madew Oval respectively as ongoing	Manager Urban Landscapes	Submissions received in relation to the proposed fee. Report to be presented to Council on 10 May 2023 to finalise the matter.	May 2023	No

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			recreational space and confirmed it will not rely on a temporary access arrangement to either oval to negotiate terms of approval from the NSW Department of Planning and Environment.  5. Place the following proposed fee on public exhibition for 28 days in accordance with section 610F of the Local Government Act: - School Hire - \$20,000 (ex. GST) per annum and in accordance with the aforementioned (1-4).  6. If no submissions are received, the fee be adopted.				
18/01/23	010/23	9.6	<b>Investment Report - December 2022</b> That Council: 1. Receive the Investment Report for the month of December 2022. 2. Note the investment return for December 2022 was -\$192,383. 3. Note the investment portfolio has been made in accordance with the Local Government Act (1993), the Local Government (General) Regulation (2021) and Queanbeyan-Palerang Regional Council's Investment Policy.	Director – Corporate Services  CFO	Completed		Yes
18/01/23	011/23	9.7	<b>Asset Accounting Policy: Depreciation and Impairment</b> That Council place the Asset Accounting Policy: Depreciation and Impairment, on public exhibition for 28 days and if no submissions are received, the Policy be adopted.	GM  Coordinator, Governance and Legal	Policy adopted		Yes
18/01/23	014/23	12.2	<b>Furlong House</b> That Council refer the matter of Furlong House and its current status to the Heritage Advisory Committee to investigate viable long-term use and report back to Council.	Director – Development and Environment			
18/01/23	016/23	16.1	<b>Partial Land Acquisition - 31 Ellendon Street, Bungendore</b> That Council authorise the General Manager to commence negotiations with the property owner to acquire by agreement 16m2 of land at 31 Ellendon Street, Bungendore (Lot 9 Section 11 DP758183).	Director – Infrastructure Services  Manager Contracts and Projects	Completed		Yes
18/01/23	017/23	16.2	<b>Proposed Compulsory Acquisition/Agreement of Lease Bungendore Swimming Pool</b>	GM	SINSW notified of Council position. Formal claim lodged for compensation.		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<p>That in respect to the Council Portion of the Bungendore Swimming Pool on Bungendore Park; Lot 701 DP 1027107 Reserve 1000193:</p> <p>1. Council agree to the granting of a lease to the NSW Department of Education by way of a compulsory acquisition by agreement under section 29(4) of the Land Acquisition (Just Terms Compensation) Act 1991 (Just Terms Act) subject to the compensation payable equals \$1,794,282.22 so that the total compensation for the replacement of the Bungendore Swimming Pool is at least equal to Council's existing claim.</p> <p>2. If these terms are not agreed, then Council does not enter into an agreement under section 29(4) of the Just Terms Act for the compulsory acquisition of the lease and instead requires the NSW Department of Education to follow the compulsory acquisition process set out at Division 1, Part 2 and Part 3 of the Just Terms Act, with compensation payable to be determined by the Valuer-General in accordance with s 2.24(3) of the Crown Land Management Act 2016.</p>	Director – Infrastructure Services			
8/2/2023	023/23	9.1	<p><b>Financial Sustainability Options and Special Rate Variation</b></p> <p>That Council:</p> <ol style="list-style-type: none"> <li>Accept the Community Engagement Report and noting the considerable feedback and participation at meetings thank the community for their involvement.</li> <li>Adopt the draft revised Long Term Financial Plan, as exhibited.</li> <li>Adopt the amendments to the 2022-26 Delivery Program, as exhibited.</li> <li>Lodge an application with the Independent Pricing and Regulatory Tribunal for a Special Variation as outlined in Scenario 2 in the Long Term Financial Plan, for a permanent rate increase of 18% each year for 3 years, inclusive of the rate peg. This amounts to a cumulative rates increase of 64.3%.</li> <li>Conduct a review of the rating structure in 2023-24.</li> </ol>	Director – Corporate Services	<p>LTFP and DP amendments finalised and published on website.</p> <p>SRV application lodged.</p> <p>Rating structure review noted and included in Revenue Policy for action in 2023-24.</p> <p>5. Scheduled for 23/24 Project</p>		Yes
8/2/2023	024/23	9.2	<p><b>DA.2022.1479 - 13 Nelson Terrace, Bungendore NSW - Construction of two storey dwelling house to be used as an exhibition home</b></p> <p>That:</p> <ol style="list-style-type: none"> <li>Approval be granted for the construction of a two-storey dwelling house to be used as an exhibition home in the North Elmslea new residential development area with regard to the Desired Future Characteristics of</li> </ol>	<p>Director – Development and Environment</p> <p>Manager Natural</p>	Consent issued		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<p>Part D6 of Palerang Development Control Plan 2015 to allow for the following reasons:</p> <ol style="list-style-type: none"> <li>The proposal meets the height requirements of Clause 4.3 of PLEP 2014 and the PLEP 2014 does not prevent the two-storey dwelling on the subject site.</li> <li>The desire of a "single storey" characteristic as suggested in the PDCP, is not a consideration in regard to the requirements in Part 3C – Greenfield Housing Code and Part 3D – Inland Code of SEPP (Exempt and Complying Development Codes) 2008 which would otherwise allow for the two-storey dwelling house if the approval pathway was under a Complying Development Certificate (CDC).</li> <li>The proposal is considered consistent with the aims of the Palerang LEP 2014 and objectives of the R2 Low Density Residential zone as it provides for the housing needs of the community within a low-density residential environment.</li> <li>The proposed dwelling adequately addressed the streetscape with modulated building forms, articulated facades, variety of front setbacks, mixed materials and colours and suitable landscaping to ensure that it will not detract from the existing and desire future character.</li> <li>The upper storey component has been appropriately designed and is setback a suitable distance from adjoining properties to minimise any impacts on the amenity of adjoining residents.</li> <li>The proposed development including driveway has been designed and sited to allow for street tree planting opportunity.</li> <li>The controls under Part D6 of the Palerang DCP 2015 do not specify that dwellings must be single storey as this would be contrary to the Palerang LEP 2014 and the current Queanbeyan-Palerang LEP 2022.</li> </ol> <ol style="list-style-type: none"> <li>Council support a variation to the requirements of Part D6 of Palerang Development Control Plan 2015 to allow for the ground level of the dwelling to be setback 3.5m from the rear boundary for the following reasons: <ol style="list-style-type: none"> <li>There is a discrepancy between the rear setback requirement under Part D6 and in Table 13 of Clause C2.2.2 of the Palerang DCP 2015. In accordance with Table 13, 0.9m rear setback is required for building less than 3.6m high and 3m is required for building more than 3.6m high. However, in accordance with controls under Part</li> </ol> </li> </ol>	Landscapes and Health			

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<p>D6, dwellings are to be setback a minimum of 5m from rear boundary. The proposed ground level of the dwelling is setback 3.5m from the rear boundary and the upper level is setback 8.85m from the rear boundary. The proposed rear setbacks meet the requirement under Clause C2.2.2 of Palerang DCP.</p> <p>b. The proposed variation is considered to be minor and the encroachment will not have adverse impact on the existing streetscape. The variation is not considered to reflect an overdevelopment of the site and can be supported in this instance.</p> <p>c. The rear elevation is well articulated and will be constructed of mixed materials and colours compatible with the desire future character of the area. Recessed walls and windows/doors add interest to the appearance of the building and reduce the bulk and scale of the wall. The development is not considered to be out of character in the area.</p> <p>d. The impact on the amenity of the adjoining residents and existing streetscape is considered minimal. The proposed dwelling is setback a suitable distance to adjoining dwellings. Additionally, the proposed 1.8m high boundary fence will reduce any overlooking impact from the ground floor windows.</p> <p>3. Development application DA.2022.1479 for the construction of a two-storey dwelling house to be used as an exhibition home on Lot 69 DP 1282739, No. 13 Nelson Terrace, Bungendore NSW 2621 be granted conditional approval.</p>				
8/2/2023	025/23	9.3	<p><b>Scoping Proposal Complying Development in Zone C4 Environmental Living</b></p> <p>That consideration of the Scoping Proposal Complying Development in Zone C4 Environmental Living be deferred until a community workshop and Councillor workshop can be conducted.</p>	<p>Director – Development and Environment</p> <p>Manager Land Use Planning</p>	A draft of Frequently Asked Questions has been prepared	May 2023	No
8/2/2023	026/23	9.4	<p><b>2023 Election Funding Projects</b></p> <p>That Council endorse the following list of priority projects to be presented for funding in advance of the 2023 NSW election.</p>	GM	Elections Priorities Flyer shared with candidates prior to election, and published on Council Website		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution				R/officer	Progress / Action Taken	Est completion date	Completed?
			<b>Description</b>	<b>Estimated Cost</b>	<b>Funding Sought</b>	<b>Council Contribution or already Funded</b>				
			Finalise sealing of Nerriga Road	\$13m	\$10m	\$3m				
			Regional Sports Complex Stage 2	\$14m	\$14m	\$0				
			Bungendore Pool (Sports Hub)	\$10m	\$5m	\$5m				
			Braidwood Depot Relocation	\$13m	\$13m	\$0				
			Queanbeyan Sewerage Treatment Plant Upgrade	\$160m	\$40m	\$120m				
			Bungendore Flood Mitigation Strategy stage 2	\$2.7m	\$2.7m	\$1.8m				
			Monaro Street Upgrade	\$15m	\$5m	\$10m				
8/2/2023	027/23	9.5	<b>Proposed Name South Jerrabomberra Town Park Central Lawn</b> That Council endorse the name Robert 'Bob' Winnel Lawn for the South Jerrabomberra Town Park central lawn and place the proposal on public exhibition for 28 days.				Director – Community, Arts and Recreation  Manager Urban Landscapes	Proposal currently on exhibition, report to come back to Council May 2023	May 2023	No
8/2/2023	028/23	9.6	<b>Administration of the September 2024 Ordinary Election</b> That Council: 1. Pursuant to s.296(2) and (3) of the Local Government Act 1993 (NSW)('the Act') that an election arrangement be entered into by contract for the Electoral Commissioner to administer all elections of the Council. 2. Pursuant to s.296(2) and (3) of the Act, as applied and modified by s.18, that a council poll arrangement be entered into by contract for the Electoral Commissioner to administer all council polls of the Council.				GM  Program Coordinator, Governance and Legal	NSW Electoral Commission notified of Council Resolution		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			3. Pursuant to s.296(2) and (3) of the Act, as applied and modified by s.18, that a constitutional referendum arrangement be entered into by contract for the Electoral Commissioner to administer all constitutional referenda of the Council.				
8/2/2023	032/23	11.1	<b>Bungendore Town Centre and Environs Advisory Committee Meeting Minutes</b> That Council: 1. Note the minutes of Bungendore Town Centre and Environs Committee Meeting held on 21 November 2022. 2. Endorse the Ellendon Street Sculpture Project. 3. Task its Place Making group to update the Bungendore Village Town Centre Plan in conjunction with BTCEC to form the basis for integrated forward planning.	Director – Community, Arts and Recreation  Manager Recreation and Culture	Completed		Yes
8/2/2023	033/23	12.1	<b>172 Foxlow Street Captains Flat</b> That Council receive a report on options for future use of the former medical centre at 172 Foxlow Street Captains Flat.	General Manager			
8/2/2023	034/23	12.2	<b>Proposed Council Administration Building – Bungendore</b> That Council, in developing a design brief for the proposed Council administration building and community centre in Bungendore, incorporate the following requirements: a. a minimum seven-star energy rating; b. passive solar design principles; c. maximum use of solar energy; d. battery storage if cost effective based on a 7-year pay-back period; e. electricity for space heating and cooking facilities; f. maximum use of recycled materials; g. electrical vehicle charging; h. change rooms and parking facilities for cyclists; i. non-potable water for outdoor landscaping (e.g. through on-site collection of rainwater), and	Director – Infrastructure Services  Manager Contracts and Projects	Included in concept design brief for Architect to address		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			j. have regard to Council's Urban Forest and Cooling Strategy.				
8/2/2023	036/23	16.1	<b>Bungendore Temporary Office</b> That Council act in accordance with the report.	Director – Infrastructure Services  Manger Contracts and Projects	Superseded by Resolution 061/23		Yes
22/2/2023	042/23	7.1	<b>Hume Materials Recycling Facility Fire and Impacts</b> That Council:  1. Determine, in accordance with Clause 55(3)(i) of the <i>Local Government Act 1993</i> , that a satisfactory result would not be achieved by inviting tenders for the services due to the unavailability of competitive tenderers arising from limited recycling capacity in NSW.  2. On the basis that Re-Group agree to 'open book' cost reviews, authorise the General Manager to negotiate a revised monthly contract rate as a variation within the existing contract until such time as a new facility is constructed in the region.  3. Write to the NSW Minister for the Environment and Heritage requesting financial assistance to cover costs arising from this situation.	Director – Infrastructure Services  Manager Utilities	Discussions since held with Re-Group as to arrangements for "open book". Once details have been settled the matter will be discussed with General Manager before final agreement.		Yes
22/2/2023	043/23	9.1	<b>Scoping Proposal PP.2022.0001 - Residential Rezoning - 141 Googong Road Googong (Sunset)</b> That Council:  1. Supports the progression of the Scoping Proposal for the rezoning of part of Lot 39 DP 1257837 No. 141 Googong Road, Googong, to a Planning Proposal, subject to the following:  a. the area of threatened ecological communities and in particular the EPBC Box-Gum Woodland that is currently zoned R1 General Residential, being rezoned the C2 Environmental Conservation; and  b. the payment of the fees outlined in Council's Fees and Charges for the preparation of a Complex Planning Proposal.  2. Considers the merits of entering into a Local Planning Agreement with the landowner of Lot 39 DP 1257837 No. 141 Googong Road, Googong, for the C2 Environmental Conservation zoned land and riparian corridors, as part of the Planning Proposal preparation and consultation stage.	Director – Development and Environment  Manager Land-use Planning	Action taken so far includes: <ul style="list-style-type: none"><li>Advising the proponent.</li><li>Creating a project code in Council's finance system for this project.</li><li>Preparations being made for the drafting of the Planning Proposal document.</li></ul>		No



## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/2/2023	044/23	9.2	<b>Development Application DA.2021.1453 - Construction of a Three Storey Boarding House - 2 Ross Road, Queanbeyan</b> That consideration of Development Application DA.2021.1453 - Construction of a Three Storey Boarding House - 2 Ross Road, Queanbeyan be deferred to Councillors are able to undertake site inspection.	Director – Development and Environment	Superseded by Resolution 066//23		Yes
22/2/2023	045/23	9.4	<b>Road Naming - Proposed New Road Name - Holland Drive</b> That Council: 1. Adopt in principle, the name Holland Drive as the proposed name for the new road located off Monaro Station Drive Royalla and created under subdivision Development Consent DA-388-2016. 2. Advertise the proposed road name for public comment for 28 days. 3. Publish a notice in the NSW Government Gazette for the road name Holland Drive, if no objections are received.	Director – Development and Environment  Manager Land-use Planning	Holland Drive is now off public exhibition with no submissions received, so will now progress to Gazettal stage.		Yes
22/2/2023	046/23	9.5	<b>Locality Renaming Proposal - Dissolving "Back Creek" into Mongarlowe</b> That Council: 1. Agree in principle to dissolve the locality name of Back Creek into the adjoining locality of Mongarlowe. 2. Publicly exhibit the proposal for 28 days. 3. Write to affected property owners in the Back Creek locality asking for comments to be submitted within 28 days. 4. Notify the Geographical Names Board (GNB) of any submissions received during the 28 day exhibition period. 5. Subject to no objections being received for the locality name change, request GNB to publish the change in the NSW Government Gazette. 6. Where there are objections to the proposed locality name change, that a report considering the objections and justifying whether the proposal should proceed, be brought back to Council.	Director – Development and Environment  Manager Land-use Planning	Back Creek/Mongarlowe locality boundary adjustment has come off public exhibition with no submissions received. Staff will progress this with the Geographical Names Board to gazette the changes.		Yes
22/2/2023	047/23	9.6	<b>Queanbeyan Sewage Treatment Plant Upgrade Business Case</b> That Council endorse the final business case for the Queanbeyan Sewage Treatment Plant Upgrade.	Director – Infrastructure Services  Manager Contracts and Projects	Claim made to Safe and Secure Water Fund		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/2/2023	048/23	9.7	<b>Floodplain Management Program 2022-23 - Funding Acceptance</b> That Council: 1. Decline the funding offer from NSW Department of Planning and Environment's (DPE) Floodplain Management Program for the Bungendore Overflow Channel. 2. Consider the inclusion of \$900,000 as Council's contribution to the project in the 23/24 budget. 3. Re-apply to the NSW Department of Planning and Environment's (DPE) Floodplain Management Program for the Bungendore Overflow Channel in 23/24 subject to funds being made available in the 23/24 Operational Plan.	Director – Infrastructure Services	Completed		Yes
22/2/2023	049/23	9.8	<b>Australia Day Donations to Assisting Community Groups</b> That Council approve donation payments totalling \$2,100 to the community organisations that provided assistance for Australia Day 2023.	Director – Community, Arts and Recreation  Program Coordinator, Performing Arts and Culture	Donations have been allocated and paid		Yes
22/2/2023	050/23	9.9	<b>Federal Government Funding for TROVE</b> That Council support the continuation of free access to the Trove national database and the upgrade of the digital archive systems of Trove by: 1. Making representation to the local Federal Member, Kristy McBain. 2. Writing to the Hon. Tony Burke, Federal Minister for the Arts and the Hon. Paul Fletcher, Shadow Minister for Science and the Arts, calling for sustainable funding for Trove. 3. Endorsing the NSW Public Libraries Association in lobbying for additional sustainable funding.	GM  Director – Community, Arts and Recreation	Letters sent and formal response received, TROVE funding maintained.		Yes
22/2/2023	051/23	9.10	<b>PCYC Alternate Use of Squash Court</b> That Council permit the temporary modification of one squash court at the Queanbeyan PCYC to be used a private office and interview space, noting that the court will be restored when a permanent space in the PCYC is constructed.	GM  Director – Community, Arts and Recreation	The PCYC has been notified and they will make the temporary modifications in accordance with their schedules		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/2/2023	052/23	9.11	<b>Loan Refinance</b> That Council: 1. Note that the existing loan with Westpac Banking Corporation will reach the end of its fixed rate period on 27 February 2023. 2. Enter into a new loan agreement with Westpac Banking Corporation at a variable interest rate with repayments calculated over the remaining 15 year term to refinance the balance outstanding. 3. Authorise the use of the Common seal for the execution of the Loan Agreement with the preferred lender.	Director – Corporate Services  CFO	Completed		Yes
22/2/2023	053/23	9.12	<b>Investment Report - January 2023</b> That Council: 1. Receive the Investment Report for the month of January 2023. 2. Note the investment return for January 2023 was \$1,493,905. 3. Note the investment portfolio has been made in accordance with the Local Government Act (1993), the Local Government (General) Regulation (2021) and Queanbeyan-Palerang Regional Council's Investment Policy.	Director – Corporate Services  CFO	Completed		Yes
22/2/2023	054/23	9.13	<b>Vacancies on Committees</b> That Council nominate Cr Macdonald for the vacancies created by Cr Ternouth on s.355, Organisational, Statutory and Regional Committees.	GM  Program Coordinator, Governance and Legal	Completed		Yes
22/2/2023	059/231	11.1	<b>Local Traffic Committee Meeting - February 2023</b> That Council: 1. Note the minutes of Local Traffic Committee held on 7 February 2023. 2. Adopt recommendations LTC 01/2023 to LTC /2023 from the meeting held on 7 February 2023.  LTC 01/2023: Under Roads Act 1993 approve the traffic control plans and proposed road closures for ANZAC Day Ceremonies 2023 in Queanbeyan.	Director – Infrastructure Services  Team Leader - Infrastructure Administration	Completed		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			LTC 02/2023:		Under Roads Act 1993 approve the traffic control plans and proposed road closures for ANZAC Day Ceremonies 2023 in Jerrabomberra.		
			LTC 03/2023:		Under Roads Act 1993 approve the traffic control plans and proposed road closures for ANZAC Day Ceremonies 2023 in Bungendore.		
			LTC 04/2023:		Under Roads Act 1993 approve the traffic control plans and proposed road closures for ANZAC Day Ceremonies 2023 in Braidwood.		
			LTC 05/2023:		Under Roads Act 1993 approve the traffic control plans and proposed road closures for ANZAC Day Ceremonies 2023 in Captains Flat.		
			LTC 06/2023:		Under Roads Act 1993 approve the traffic control plans with amendment including bollards and nightline for pedestrian safety for Queanbeyan Multicultural Festival.		
			LTC 07/2023:		Approve the Tour De Cure event in accordance with traffic management plans provided.		
			LTC 08/2023:		Under Road Transport Act 2013, approve changes to current unrestricted parking to timed parking restrictions at Rutledge Street, Queanbeyan.		
			LTC 09/2023:		Under Road Transport Act 2013, approved changes to current restricted parking at Lowe Carpark.		
			LTC 10/2023:		A Section 138 application under the Roads Act 1993 with temporary Traffic Management Plan is to be submitted to Council for installation of advance direction signage on Old Cooma Road, Googong.		
			LTC 11/2023:		A Section 138 application under the Roads Act 1993 with temporary Traffic Management Plan is to be submitted to		

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			Council for installation of electronic digital sign panel at 101 Cameron Road, Karabar.				
22/2/2023	061/23	16.1	<b>Bungendore Property</b> That Council: 1. Purchase 13 Gibraltar Street, at Bungendore for the purposes of a Temporary Office to provide Council Operations and Customer Services in Bungendore whilst a new Council Administration Building and Community Centre is being planned, DA consent issued and constructed. 2. Authorise the General Manager to execute the Contract of Sale and Purchase for 13 Gibraltar Street (Lot 1 DP 817205) at the purchase price of \$1,650,000. 3. Upon acquisition, classify the land as operational land.	GM  Manager Contracts and Projects	Deposit paid, contracts exchanged and settlement due 24 April 2023.	May 2023	Yes
8/03/23	066/23	9.1	<b>Development Application DA.2021.1453 - Construction of a Three Storey Boarding House - 2 Ross Road, Queanbeyan</b> That development application DA.2021.1453 for demolition of existing structures and construction of a three-storey boarding house on Lot 5 DP 21396, No. 2 Ross Road, Queanbeyan be granted conditional approval.	Director – Development and Environment  Manager Development	Consent issued		Yes
8/03/23	067/23	9.2	<b>Ellerton Drive Extension Noise Assessment</b> That Council establish a Working Group of the Mayor and two Councillors, to engage with nominated residents who are representative of those properties effected by the Ellerton Drive Extension; and be tasked with the following: 1. Review and prepare the scope of works for a new comprehensive noise assessment and survey. 2. Suggest funding opportunities for this additional noise assessment. 3. Progress investigation into supplementary other noise reduction solutions. 4. Report back to Council.	Director – Infrastructure Services  Manager Contracts and Projects	Working Group members sought. Meeting scheduled for 27 April 2023.		No
8/03/23	068/23	9.3	<b>South Jerrabomberra Dog Park REF</b> That Council endorse the South Jerrabomberra Dog Park REF for public exhibition.	Manager Urban Landscapes	Completed		Yes
8/03/23	069/23	9.4	<b>Quarterly Budget Review Statement for Quarter Ending 31 December 2022</b>	Director – Corporate Services	Completed		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			That Council receive the December 2022 Quarterly Budget Review Statement and adopt the budget variations outlined in the report.	CFO			
8/03/23	070/23	9.5	<b>Renewal of Riverside Plaza Car Park Management Agreement</b> That Council: 1. Endorse the renewal of the agreement on similar terms. 2. Authorise the General Manager to sign and execute the renewed agreement for a further 5-year period.	GM Legal Officer	Agreement executed		Yes
8/03/23	076/23	11.1	<b>QPRC Heritage Advisory Committee Minutes - December 2022, January and February 2023</b> That: 1.Council note the minutes of QPRC Heritage Advisory Committee meetings held on 7 December 2022, 12 January and 9 February 2023. 2.The following Recommendations be adopted: QPRC HAC 1/23 a)Given the aesthetic, technical and historical importance of the Well at 10 Rutledge Street Queanbeyan, the Committee recommends retaining the Well insitu with appropriate treatment to enable interpretation of its heritage significance. b)Recommends re-interpretation in a public space in the vicinity of the Well and seeks further information from VBC on design concepts. c)The work recommended in points 1 and 2 above be at the owner's expense. d)A further report be prepared in relation to a planning proposal to list the Well as a Local Heritage Item. QPRC HAC 4/23 That the terms of reference be adopted. QPRC HAC 5/23 That staff be requested to consider the Committee's observations on this development application.	Director – Development and Environment  Manager Land-use Planning	Completed		Yes
22/03/23	080/23	9.1	<b>DA.2022.1574 - 25 Whitton Rise, Bungendore NSW - Construction of two (2) storey dwelling house</b>	Director – Development and Environment	Consent issued		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			<p>That:</p> <p>1. Development application DA.2022.1574 be approved for the construction of a two (2) storey dwelling house in the North Elmslea new residential development area with regards to the Desired Future Characteristics of Part D6 of Palarang Development Control Plan 2015 (PDCP2015) to allow for the following reasons:</p> <p>a. The proposal meets the height requirements of Clause 4.3 of Palarang Local Environmental Plan 2014 (PLEP2014) and PLEP2014 does not prevent the two (2) storey dwelling on the subject site.</p> <p>b. The desire of a "single storey" characteristic as suggested in the PDCP2015, is not a consideration in regard to the requirements in Part 3C – Greenfield Housing Code and Part 3D – Inland Code of SEPP (Exempt and Complying Development Codes) 2008 which would otherwise allow for the two (2) storey dwelling house if the approval pathway was under a Complying Development Certificate (CDC).</p> <p>c. The proposal is considered consistent with the aims of the PLEP2014 and objectives of the R2 Low Density Residential zone as it provides for the housing needs of the community within a low-density residential environment.</p> <p>d. The proposed dwelling adequately addressed the streetscape with modulated building forms, articulated facades, variety of front setbacks, mixed materials and colours and suitable landscaping to ensure that it will not detract from the existing and desired future character.</p> <p>e. The upper storey component has been appropriately designed and is setback a suitable distance from adjoining properties to minimise any impacts on the amenity of adjoining properties. It should be noted that due to the slope of the land the dwelling has been designed with a basement area and has been designed to suit the slope of the land. The design presents to the street as a single storey dwelling.</p> <p>f. The proposed development, including driveway has been designed and sited to allow for street tree planting.</p> <p>g. The controls under Part D6 of the PDCP2015 do not specify that dwellings must be single storey as this would be contrary to the PLEP2014 and the current Queanbeyan-Palarang Local Environmental Plan 2022.</p> <p>2. Development Application DA.2022.1574 for the construction of a two (2) storey dwelling house on Lot 23 DP 1282739, No 25 Whitton Rise Bungendore NSW 2621 be granted conditional approval.</p>				

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/03/23	081/23	9.2	<b>Amendment to Googong Development Control Plan 2010</b> That Council place on public exhibition the new Part 10 of the Googong Development Control Plan (2010) as proposed for 28 days in accordance with Council's Community Engagement and Participation Plan.	Director – Development and Environment  Manager Land-use Planning	On exhibition		Yes
22/03/23	082/23	9.3	<b>Planning Proposal to Reclassify part of Bunyip Park, Googong from Community Land to Operational Land</b> That Council proceed with the planning proposal to reclassify part of Bunyip Park, Googong (Lot 342 DP 1259563) from community to operational land in accordance with the Local Government Act (1993).	Director – Development and Environment  Manager Land-use Planning	Completed		Yes
22/03/23	083/23	9.4	<b>Post-Exhibition Report - Bin Inspection and Contamination Policy</b> That Council adopt the Bin Inspection and Contamination Policy as attached.	Director – Infrastructure Services  Utilities Manager	Policy adopted		Yes
22/03/23	085/23	9.5	<b>QCCP Progress Report</b> That Council: 1. Approve a total budget of \$79,032,000 for the QCCP project. 2. Fund the additional cost of the project from: a. An extension of the current QCCP loan to be included in the 2023/24 Operational Plan. b. Funds paid by adjoining private developers.	Director – Infrastructure Services	Completed		Yes
22/03/23	086/23	9.6	<b>Suspension of Cemetery Reservations Queanbeyan General Cemetery</b> That Council places a moratorium on the sale of pre-purchase Right of Interments at Queanbeyan General Cemetery, to ensure residents of the Queanbeyan-Palerang Local Government Area who need to be buried are prioritised.	Director – Development and Environment  Manger Urban Landscapes	Completed		Yes



## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/03/23	087/23	9.7	<b>Membership of Section 355 Committee for Braidwood Common</b> That Council: 1. Endorse the nine volunteer community members to the newly formed Section 355 Braidwood Common Committee. 2. Nominate a Councillor representative for the Section 355 Braidwood Common Committee.	Director – Community, Arts and Recreation  Manager Recreation and Culture	Completed		Yes
22/03/23	088/23	9.8	<b>Investment Report - February 2023</b> That Council: 1. Receive the Investment Report for the month of February 2023. 2. Note the investment return for February 2023 was \$305,772. 3. Note the investment portfolio has been made in accordance with the Local Government Act (1993), the Local Government (General) Regulation (2021) and Queanbeyan-Palerang Regional Council's Investment Policy.	Director – Corporate Services  CFO	Completed		Yes
22/03/23	089/23	9.9	<b>Renewal of licence agreement with Majors Creek Recreation Reserve Trust</b> That Council renew the existing agreement with the Majors Creek Recreation Reserve Trust for a further five-year term.	GM Legal Officer	Licence renewed		Yes
22/03/23	090/23	9.10	<b>Sale of Part of 93 Ellerton Drive</b> That Council authorise the General Manager to execute the Contract of Sale for part of 93 Ellerton Drive to the Canberra Gospel Church Trust for \$120,000 (ex GST) subject to the conditions set out in the Contract of Sale.	GM Legal Officer	Contract of Sale signed		Yes
22/03/23	091/23	9.11	<b>Proposed Acquisition Notice - Leasehold interest in Part of Bungendore Pool</b> That Council: 1. Note the receipt of the Proposed Acquisition Notice (PAN) for a leasehold interest over part of Bungendore Pool. 2. Lodge a formal compensation claim under s39 of the Land Acquisition (Just Terms) Compensation Act 1991 to preserve its right to lodge an appeal in the Land and Environment Court challenging the Valuer-General's assessment of compensation for the leasehold interest.	Director Infrastructure Services Legal Officer	Formal compensation claim lodged		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/03/23	097/23	11.1	<p><b>QPRC Heritage Advisory Committee Minutes - March 2023</b></p> <p><b>That Council:</b></p> <p>1. Note the minutes of QPRC Heritage Advisory Committee Meeting held on 9 March 2023.</p> <p>2. Adopt recommendations 7/23 to 10/23 from the meeting held on 9 March 2023:</p> <p>QPRC HAC 7/23</p> <p>The Committee support the proposed development subject to the above recommendation:</p> <p>1. Attention to be paid to the articulation of the proposed dwelling at the corner facing Wallace and Coghill Streets to soften the impact of this elevation.</p> <p>2. That the external colour scheme be modified and softened – suggested colours: light grey, cream, crimson, lilac. (Suggest that the applicant should consult the Braidwood DCP for guidance).</p> <p>QPRC HAC 8/23</p> <p>The Committee support the proposed alterations and additions in accordance with the heritage advisor's advice.</p> <p>QPRC HAC 9/23</p> <p>That staff be requested to determine whether the property has any restrictions on its title that would raise heritage concerns and that a report be made to the next HAC meeting for information.</p> <p>QPRC HAC 10/23</p> <p>1. The Committee notes that the single nomination is reflective of a difficult year. It is recommended that Council not proceed with the Heritage Awards this year.</p> <p>2. The Committee requests that staff contact the sole nominator, explain the situation, and suggest that their application be held over for the following year (2024).</p> <p>3. That staff be requested to prepare a report on alternative options for recognising the conservation, adaptive re-use and promotion of heritage in the LGA.</p>	<p>Director – Development and Environment</p> <p>Manager Land-Use Planning</p>	Completed		Yes
22/03/22	098/23	11.2	<p><b>Local Traffic Committee Meeting - 23 February 2023 (Out of session meeting held by correspondence)</b></p>	Director – Infrastructure Services	Completed		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
			That Council:  1. Note the minutes of Local Traffic Committee held on 23 February 2023.  2. Adopt recommendation LTC 12/2023 from the meeting held on 23 February 2023.  LTC 12/2023: Proposed Solution: Under Roads Act 1993 approve the traffic control plans and proposed road closures for Braidwood Skate Park Opening Event				
22/03/22	099/23	12.1	<b>Bicycle Parking</b>  That Council receive a report on the progress of the Bicycle and Pedestrian Facilities Plan (2020) as adopted by Council; and current priority projects be identified for inclusion in the Operational Plan and grant funding proposals.	Director – Community, Arts and Recreation  Manager Recreation and Culture			
22/03/23	100/23	12.2	<b>Pool Shade Covers</b>  That Council receive a report on the cost to install shade cover over each of the outdoor public pools in the local government area.	Director – Community, Arts and Recreation  Manager Recreation and Culture	Aquatic Strategy presented to Councillor Workshop held on 4 April 2023.		
22/3/23	102/23	16.1	<b>Tender 10054691 - DRFA Araluen Road Slips</b>  That Council award Contract 10054691 for the Araluen Road Slips to Specialised Geo Pty Ltd for the amount of \$3,838,615 (including GST).	Director – Infrastructure Services  Manager Transport and Facilities	Completed		Yes
22/03/23	103/23	16.2	<b>Selection of Preferred Tenderer for Upgrade to Braidwood Pool</b>  That Council:  1. Accept the revised tender price of \$1,239,936 (ex GST) from Rice Constructions Group Pty Ltd.  2. Award the contract to upgrade Braidwood Pool to Rice Constructions Group Pty Ltd for the lump sum price of \$1,239,936 (ex GST).  3. Allocate \$427,709 (ex GST) from the Federal Government's Local Roads and Community Infrastructure (LRCI) Program Phase 4 to the cover the shortfall plus contingency.	Manager Urban Landscapes  CFO	Completed		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
22/03/23	105/23	16.4	<b>Braidwood Heritage Centre - Construction Tenders</b> That Council: 1. Endorse the recommendation from the Tender Evaluation Report by NSW Public Works on behalf of Council to decline to accept any of the tenders as per section 178 Local Government (General) Regulation 2021. 2. Endorse for Council officers and NSW Public Works to enter into direct negotiations with the nominated contractor. 3. Receive a report back on the negotiations prior to awarding the tender. 4. Note the reasons for not inviting fresh tenders or applications as referred to in subsections (3)(b)-(d) Section 178 Local Government (General) Regulation 2021 as noted in the Tender Evaluation Report.	Director – Infrastructure Services  Manager Contracts and Projects			
12/4/23	112/23	9.1	<b>Planning Proposal - Housekeeping Amendments to the Queanbeyan-Palerang Regional Local Environmental Plan 2022</b> That Council agree to formally progress a Planning Proposal to allow further consideration of a number of proposed housekeeping amendments to the Queanbeyan-Palerang Regional Local Environmental Plan 2022 in respect of the Googong Urban Release Area, with the exception of the following measure: • Changing the minimum lot size along the southern part of the Googong Township and Old Cooma Road, as it based on an assumption about future development on land south of Googong Township that has not been determined and, therefore, increased density arising from the proposed change to minimum lot size is not in the public interest at this time.	Director – Development and Environment  Manager – Land-use Planning			
12/4/23	113/23	9.2	<b>Post Exhibition Report - Draft QPRC Public Electric Vehicle Infrastructure Policy</b> That Council adopt the QPRC Public Electric Vehicle Infrastructure Policy and QPRC Public Electric Vehicle Charging Plan 2030.	Director – Development and Environment  Coordinator, Governance and Legal	Policy and Plan adopted		Yes
12/4/23	114/23	9.3	<b>Community Plans</b> That Council endorse the proposal to facilitate the development of a 10-year locality-based Braidwood Community Plan.	Director – Community, Arts and Recreation  Manager Business and Innovation	Completed		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
12/4/23	115/23	9.4	<b>Local and Family History Collection Proposal to Relocate to Council Chambers Building</b> That Council approve the relocation of the QPRC Local and Family History Collection to the current Council Chambers at 253 Crawford Street, Queanbeyan, upon vacancy; and refer the proposal to the Heritage Advisory Committee for feedback.	GM  Director – Community, Arts and Recreation			
12/4/23	116/23	9.5	<b>Dissolution of Braidwood Gymnasium and Bungendore Multi-Purpose School S355 Committees</b> That Council: 1. Dissolve both the Braidwood School Gymnasium and Bungendore Multi-purpose School Hall Section 355 Committees. 2. Remove the Braidwood School Gymnasium facilities from the 2023-24 Council Fees and Charges. 3. Continue to hire the Bungendore Multi-purpose School Hall until the expiry of the Memorandum of Understanding in 2025	GM  Director – Community, Arts and Recreation			
12/4/23	117/23	9.6	<b>s.355 Committee Delegations</b> That Council approve the Delegations for Section 355 Committees.	GM  Director – Community, Arts and Recreation	Completed		Yes
12/4/23	118/23	9.7	<b>Post-Exhibition Report - Library Local and Family History Collections Policy</b> That Council adopt the revised QPRC Library Local and Family History Collections Policy.	Coordinator, Governance and Legal	Policy adopted		Yes
12/4/23	119/23	9.8	<b>Post-Exhibition Report - Corporate Sponsorship Policy</b> That Council adopt the Corporate Sponsorship Policy as attached to this report.	GM  Coordinator, Governance and Legal	Policy adopted		Yes
12/4/23	120/23	9.9	<b>Post-Exhibition Report - Footpath Management Policy</b> That Council adopt the Footpath Management Policy as attached to this report.	GM  Coordinator, Governance and Legal	Policy adopted		Yes

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
12/4/23	121/23	9.10	<b>Internal Audit Charter - Annual Review</b> That Council endorse the revised Internal Audit Charter.	GM  Risk and Internal Audit Coordinator	Completed		Yes
12/4/23	126/23	11.1	<b>Disability Access Committee - March 2023</b> That Council note the minutes of Disability Access Committee held on 16 March 2023.	Director – Community, Arts and Recreation  Manager Community and Education	Completed		Yes
12/4/23	127/23	11.2	<b>Queanbeyan Showground Advisory Committee Meeting Minutes</b> That Council:  1. Note the minutes of the Queanbeyan Showground Advisory Committee held on 19 December 2022 and the draft minutes of the Committee dated 27 February 2023.  2. Adopt the Terms of Reference of the Queanbeyan Showground Advisory Committee, endorsed by the Committee on 27 February 2023.	Director – Community, Arts and Recreation  Manager Recreation and Culture	Completed		Yes
12/4/23	128/23	11.3	<b>Audit, Risk and Improvement Committee Minutes - 15 March 2023</b> That Council note the minutes of the Audit, Risk and Improvement Committee held on 15 March 2023.	GM  Risk and Internal Audit Coordinator	Completed		Yes
12/4/23	129/23	12.1	<b>Electronic Gaming Machines Reform</b> That Council write a letter to the NSW Premier and Treasurer of NSW seeking a commitment by the New South Wales Government to implement gambling reform measures which include; adopting all eight recommendations of the New South Wales Crime Commission report including, mandatory cashless gaming across all pubs and clubs, banning credit and automatic top-ups, and a financial support package to assist clubs and pubs in NSW throughout the transition.	GM			
12/4/23	130/23	12.2	<b>Disaster Recovery Funding Arrangement</b> That Council writes to the New South Wales Government seeking changes to the guidelines governing the Disaster Recovery Funding Arrangement to enable DRFA funds to be used for Council staff to undertake work related to public asset restoration.	GM  Director – Infrastructure Services			

## Resolution Action Sheet



Meeting date	Res No	Item No	Resolution	R/officer	Progress / Action Taken	Est completion date	Completed?
12/4/23	131/23	12.3	<b>Revolving Energy Fund</b> That Council receive a report on the Revolving Energy Fund addressing: 1. How much money has been allocated to the fund in each year that it has operated. 2. The works which the fund has financed. 3. Any identifiable energy and financial savings achieved from these investments. 4. Potential uses for the fund in the 2023/24 Operational Plan, having regard to the payback period of investments. 5. Whether the fund should be expanded in future years to assist Council to achieve net zero emissions for its operations.	Director – Development and Environment			
12/4/23	133/23	16.1	<b>RFT 2022-48 Braidwood Concrete Path Construction and Ancillary Works</b> That Council awards Contract 2022-48 Braidwood Concrete Path Construction and Ancillary Works to JSC Pty Ltd for the amount of \$405,827.20 (ex GST).	Director – Infrastructure Services  Manager Contracts and Projects	Completed		Yes
12/4/23	134/23	16.2	<b>Compulsory Acquisition of Land for Road Widening of Nerriga Road</b> That Council authorise the acquisition of the land as outlined in the report for the purpose of road widening on the Nerriga Road.	Director – Infrastructure Services  Manager Contracts and Projects	To be transferred to Land Sale/Acquisition Register		Yes
12/4/23	135/23	16.3	<b>Feasibility Study - Queanbeyan to Bungendore (Q2B) Bulk Water Supply Pipeline Proposal</b> That Council: 1. Endorse the development of the Queanbeyan to Bungendore bulk water supply trunk main (Palerang Communities IWCM (2019) Strategy Option 3) to tender ready stage. 2. Pursue an offer for grant funding from the NSW Government for these works under tranche 3 of the Safe and Secure Water Program. 3. Provide funds for Council's contribution toward the project from the Palerang Communities Water Fund reserves; and report back to Council via the Quarterly Budget Review Process of any supplementary vote request.	Director – Infrastructure Services  Manager Utilities			

# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 11.1 LOCAL TRAFFIC COMMITTEE MEETING - 4 APRIL 2023

ATTACHMENT 1 LOCAL TRAFFIC COMMITTEE MEETING MINUTES - 04 APRIL  
2023



### Local Traffic Committee Meeting Minutes – 04 April 2023

**Present:** Kelly Cherry (TfNSW), Rob Tapply (NSW Police), Brenton Zubrinich (QPRC, Chair), Sara Wightman (QPRC Events), Rebecca Harris (QPRC).

#### 1. Acknowledgement of Country – Brenton Zubrinich

#### The Committee Recommends:

#### 2. Apologies

Tracey Lamont (QPRC Place Management), Mel Aitchison (QPRC Events), Cr Esma Livermore, Local Member Representative, Andrew Palmer (QPRC Development Engineering), Jacky Woolhouse (QPRC Road Safety Officer).

#### 3. Confirmation of Report of Previous Meeting

#### 4. Business Arising from Previous Minutes

##### a) Post event report – Queanbeyan Multicultural Festival

Out of session meeting held between Rob Tapply and Sara Wightman prior LTC meeting. Both parties in agreeance.

##### b) Post event report – Tour De Cure

Concerns from a member of the public regarding the lack of signage and tour cars were diverting oncoming traffic off the road.  
QPRC Events noted that Tour De Cure advertised the event on Sunday 05 March when in fact it took place on Saturday 04 March.

It was noted that increased bicycle traffic is present on this road since road conditions have improved, TfNSW suggested signage to be put in place “Share the Road”.

##### c) Table ROL – Anzac Day Services Queanbeyan

ROL’s received – Events team to forward to Committee.

##### d) Table ROL – Anzac Day Services Braidwood

ROL’s received – Events team to forward to Committee.

#### 5. Business Items

##### a) Event: Anzac Day Service Majors Creek

Introduction/Background:

The Majors Creek Anzac Day committee proposes to host the annual ANZAC Day ceremony on 25<sup>th</sup> April 2023. Traditionally this ceremony has been held in the grounds of St Stephens Church, Hill Street Majors Creek.

Event organisers have advised that the 2023 planned activities are the same as previous years. However, road closures along Hill Street are to be implemented from 7:00am to 11am to ensure the safety of all participants due to growing numbers.

LTC Comments:

Local Traffic Committee support this event which will improve safety.

**LTC 13/2023 – Proposed Solution: Under Roads Act 1993 approve the proposed road closures for Majors Creek ANZAC Day Ceremony 2023.**

**b) Event: Auto Italia**

Introduction/Background:

Auto Italia is an annual showcase of Italian automotive design including cars, motorbikes and scooters. QPRC Events has an agreement with Auto Italia for 3 years of this event to be held at Queanbeyan Park.

Comments:

Auto Italia was held on 2<sup>nd</sup> April 2023. QPRC Events noted that event organisers did not meet the deadline for a pre-event submission to LTC.

Police monitored the event on the day and noted a lot of people parking illegally on nature strips and illegally at intersections surrounding the park. Due to the number of people and vehicles, significant safety concerns existed for this event with event traffic driving up gutters and parking and entering the oval near the Morisset Street roundabout.

Police will not support an event of this size at Queanbeyan Park in future without a TMP which address safety concerns. Police are requesting Council provide a ranger for parking enforcement surrounding the event.

QPRC Events to organise a follow up meeting with event organisers and Police to address concerns.

**c) Event: Christmas in July 2023**

Introduction/Background:

The Christmas in July Markets have been conducted in the Queanbeyan Showground since 2016. As the numbers have grown it was decided to create a TMP in 2019 to help with access to the many participants of the event.

Comments:

Police are requesting that Council provided a ranger for parking enforcement surrounding the event. Police support the event with the standard TMP for the Queanbeyan Showground. Police ask that the stop/go areas do not cause queuing onto any of the surrounding streets to the Showground. The event organisers are to also make sure vehicle and pedestrians are kept separate throughout the event by physical barrier.

Police supported – as per amended plan.

TfNSW supported event with modified TMP to include “40kmh” signs prior to Workers on Foot Signs on Glebe Avenue and Lowe Street.

**LTC 14/2023 – Proposed Solution: Under Roads Act 1993 approve the temporary traffic control measures in the TCP, provided the amendments suggested are implemented.**

**d) Event: Reconciliation Walk 2023**

Introduction/Background:

An application has been received on half of Queanbeyan-Palerang Regional Council to stage the annual Reconciliation Walk. The walk will take place on Tuesday 30<sup>th</sup> May 2023 from 9:30am until 11:30am followed by a ceremony in the Queanbeyan Park that will conclude at approx. 12:00pm.

The walk will involve approx. 1500 to 2000 people. Walkers will gather at Marj Christian Park and will walk over the Queens Bridge into Monaro Street. The group will then turn right at the intersection of Monaro and Lowe Streets. The procession will finish at the Reconciliation sunken gardens in Queanbeyan Park on Lowe Street.

Comments:

Police do not have any objections to this event which has not changed from previous years and is utilising previously implements TMP for the roads used. However, there is a discrepancy surrounding the “mud map” and the TMP. The finish area is different taking participants on to a section of road not closed. The event map will need to be modified to keep the finish location within the roads covered by traffic management.

TfNSW noted that works on Queens Bridge have been extended, this will need to be monitored to ensure it doesn’t affect the walking path.

**LTC 15/2023 – Proposed Solution: Under Road Transport Act 2013, approve the proposed road closures for Reconciliation Walk 2023.**

**e) Event: Bungendore Harvest Festival (advice of event)**

Introduction/Background:

A trial artisan market was held along Ellendon Street in Bungendore in the lead up to Christmas in 2022. The market was successful for all vendors and feedback was provided indicating that it should be developed into a seasonal event for the village.

For 2023 the artisan market will occur in Autumn, Spring and Summer/Christmas along the footpath verge of Ellendon Street. For the Autumn market, QPRC is teaming up with the Harvest Festival market day on Saturday April 15<sup>th</sup>, 2023.

The market day starts at 10am going through to 2pm. It will be promoted as a family friendly event with other activities happening across the village with local businesses being encouraged to participate in some way on the day. Family entertainment will consist with face painting, musical performances along with talks, workshops, and demonstrations, all activities are to be held on private property with organisers liaising with those landlords. Horse drawn carriage rides will be a part of the event with a pick-up/drop off point on the northern side of Ellendon Street. Gibraltar St – Turallo Terrace plus adjoining streets will make up the route for the day.

Comments:

Local Traffic Committee do not support the event due to safety concerns surrounding increased pedestrian traffic crossing Malbon Street (Kings Highway). Information provided does not include a TMP or TGS as no traffic management has been proposed for the event. The event is to be held on a Saturday during school holidays. It is anticipated Malbon Street will be carrying a significant amount of traffic during this time.

**LTC 16/2023 – Proposed Solution: Bungendore Harvest Festival event organisers are to consider a different location and include TMP or TCP’s in correct format.**

**f) Revised Traffic Control Design Plans – Ellerton Drive and Jumping Creek Subdivision Intersections**

Introduction/Background:

Jumping Creek Estate subdivision is located 3km south-east of Queanbeyan. Jumping Creek is a new residential estate comprising of approx. 94.5ha of land that is currently zoned for a mixture of environmental living, public recreating and environment and conservation.

The report proposes a “seagull” treatment at the intersection of Ellerton Drive and Jumping Creek Road.

Comments:

Local Traffic Committee expressed concerns about using a seagull treatment in an 80 km/h speed zone. This type of intersection treatment has potential for incidents involving cars turning right across traffic. The risk of an accident is increased in higher speed zones such as this.

The Development team informed the committee that additional lighting is proposed for the intersection although not indicated on the plans provided.

**LTC 17/2023 – Proposed Solution: LTC request roundabout or traffic lights be considered.**

#### **6. General Business**

##### **Queanbeyan Rodeo**

Event organisers, QPRC Events and Parks and Police met to post event to debrief.

It was a large event and was overcrowded. There were no plans in place to manage traffic inside or outside the event. Vehicles and pedestrians were moving through the same areas, there was no barricades or management.

Due to event size, plans will be in place for next year’s event for lesser impact on the roads and for non-attendees.

##### **Legacy Torch Relay**

QPRC Events bought forward information regarding the Legacy Torch Relay.

Event organiser questioning the need for LTC when in other parts of NSW they event is classed as Class 3 Special Event and not required in a committee.

Confirmed that this event is sitting as a Class 2 in our location as attendee numbers are not confirmed. Also, Local Government Rulings are in place.

**Meeting closed at 12:54pm**

**Next meeting – 06 June 2023**

# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 11.2 LOCAL DEVELOPMENT COMMITTEE MEETING - 4 APRIL 2023

ATTACHMENT 1 LOCAL DEVELOPMENT COMMITTEE MEETING MINUTES - 04  
APRIL 2023

## Local Development Committee Meeting Minutes – 04 April 2023

### Present:

Kelly Cherry (TfNSW), Rob Tapply (NSW Police), Brenton Zubrinich (QPRC, Chair), Rebecca Harris (QPRC), Amul Gaire (QPRC Senior Development Engineer), Hamad Abro (QPRC Senior Development Engineer), Samuel Rhaloke (QPRC Development Engineer), Andrew Palmer (QPRC Coordinator Development Engineering).

1. **Acknowledgement of Country** – Completed at LTC.

### **The Committee Recommends:**

2. **Apologies**
3. **Confirmation of Report of Previous Meeting**

N/A – no action items.

4. **Business Arising from Previous Minutes**

N/A – no action items.

5. **Business Items**

- a) **Googong Neighbourhood 2 Town Centre Commercial Development**

Introduction/Background:

Googong Neighbourhood 2 Town Centre Centre Commercial Development item is an information item only for comment on Engineering Report.

LDC Comments:

LDC advised, traffic treatments at access points are to be considered. Correct treatments to be installed and considered in future development proposals.

- b) **Traffic Impacts due to four storey multi-unit residential flat building – 11 Buttle Street, Queanbeyan**

Introduction/Background:

Traffic Impacts due to four storey multi-unit residential flat building at 11 Buttle Street is an information item only for comment on Engineering Report.

LDC Comments:

LDC advised that Disability Parking places should be included as per Queanbeyan Development Control Plan 2012. LDC also recommend the traffic study for Ellerton Drive, Mowatt and Buttle Streets be updated as previous study was complete in June 2020 and had covid-19 factors effecting traffic flow.

- c) **Traffic and Parking Impacts due to multi dwelling residential townhouses – 20 Edward Drive, Googong**

Introduction/Background:

Traffic and Parkings Impacts due to multi dwelling residential townhouses at 20 Edward Drive is an information item only for comment on Engineering Report.

LTC Comments:

LTC advised the current plans for waste collection suggest vehicles make an illegal move onto the wrong side of the road at Trennery Street. Sweeper paths are to be increased to enable a legal entry and exit to waste collection point.

**6. General Business**

**Ellerton Drive and Jumping Creek Road Intersection (LTC 17/2023)**

LTC Comments:

LDC Comments remain unchanged from the LTC meeting prior. Concerns are held regarding safety at the intersection with a roundabout/traffic lights, recommended. Development team advised additional lighting is proposed for the intersection although not indicated on traffic specific plans.

**Meeting closed at 1:46pm**

**Next meeting – 06 June 2023**

# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 11.3 MINUTES OF THE QPRC SPORTS COUNCIL MEETINGS

ATTACHMENT 1 QPRC SPORTS COUNCIL MINUTES - NOVEMBER 2022





## **QUEANBEYAN-PALERANG SPORTS COUNCIL MEETING**

**Monday 7 November 2022 6.00 PM**

### **ZOOM Meeting**

### **MINUTES**

#### **1. Welcome and Apologies**

Cr Wilson opened the meeting at 6:02pm.

Cr Wilson did an Acknowledgement of Country

Apologies:

- Cr Biscotti (Co-Chair)

The following attended via zoom:

Councillors	Cr Wilson (Co-Chair)	Council Representative
	Cr Taskovski	Council Representative
Archery	Tegan Redman	Monaro
Athletics	Joe Sheridan	Queanbeyan
AFL	Brad Toone	Googong
	Lynne McKenzie	Queanbeyan
	Scott Taylor	Queanbeyan
Bowls	Gordon Elliott	Queanbeyan
Football	Geoff Young	Monaro
	Antoni Aslimoski	Queanbeyan
Hockey	Mark Unwin	Queanbeyan
Netball	Tiffany Knight	Bungendore
	Kelly Lolesio	Queanbeyan
Rugby League	Daniel Todd	Bungendore
	Zara Baker	Queanbeyan Roos
Rugby Union	Nick Kemp	Braidwood
	Robbie Coleman	Queanbeyan
Tennis	Wendy Grant	Queanbeyan
Staff	Tim Geyer	Service Manager – Urban Landscapes
	Rob Sheffield	Team Leader – Sports Fields
	Mark Spear	Program Coordinator – Recreation

## **2. Adoption of August Minutes**

No issues identified with the August Minutes and adopted.

## **3. Action Items**

No actions that need to be followed up at this stage.

## **4. QPRC Sports Facilities Strategic Plan**

- General discussion on process undertaken
- Several clubs asked about their figures
- 2019 figures were asked for as was the last uninterrupted season prior to COVID. 2022 may be asked as the season has completed since figures were initially asked.
- Cr Wilson suggested the following:
  - Be good to get the document adopted with updated and correct figures in them
  - Ensure that all requests include recent are added such as:
    - Queanbeyan Roos change rooms
    - Queanbeyan Bowling Club
    - Lights at Wright Park Middle
    - Synthetic running track at Googong
  - Any information on costs would also be beneficial.

ACTION – Mark Spear to follow up with relevant clubs.

## **5. Current and Planned capital works projects**

- Some general updates:
  - Halloran Oval lights have been opened
  - Steve Mauger Oval lights
    - Needs some better weather to be installed
    - Currently sitting at the fields
  - Steve Mauger Netball Building
    - Soft opening has occurred
    - Appreciate the assistance from Kelly Lolesio on getting some players in attendance
- Update on Regional Sports Complex – Tim Geyer
  - Losing a lot of time due to rain
  - Unlikely to allocate the field to anybody for Winter 2023, potentially could be available in August for Football fields
  - Has been some good engagement with Hockey ACT
  - Clarified that fields will include goals and dug outs.
- Update on Bungendore Sports Hub – Tim Geyer
  - Has been some issues with the grass. Tim has had to move on the current contractor and has had some words with staff to rectify.
  - Rice Constructions has started to construct the main building
  - Still working on Winter 2023 for games but bridge and road still needs to be constructed.

## **6. Grants**

- A general discussion on grants
- Geoff Young spoke about Power Chair. Some details below:
  - Four a side game
  - Around \$15K a chair (Capital Football have some)

- Would be good to enable players to use them in the region.
- Can send information to clubs on grants if they are not receiving them from other mediums. Will send an example of the Council information that is compiled monthly.

#### **7. Googong Fields**

- Googong Three (Oval) and Four (Rectangular) are likely to be operational for Winter 2023
- There should be grass but there will not be permanent change rooms built by Winter 2023
- Are any clubs looking to train/and or play at either of these fields in 2023?
  - Queanbeyan Tigers Juniors are keen on the oval. Scott Taylor tried to speak but had issues with the online audio.
  - Googong Hogs are also keen on the oval and would be a good alignment with their netball club to be closer.
  - With the rectangular fields:
    - Monaro Panthers are keen but do not want to be greedy. Something in Googong for Mini Roos would be desirable.
    - Queanbeyan Roos are keen to have a presence in Googong.

ACTION – Staff to work through allocations.

#### **8. Queanbeyan Sporting Gallery**

- Acknowledged Robbie Coleman who was at the meeting as is in the Queanbeyan Sporting Gallery
- The Committee has meet to consider new inductees
- If your club has anybody that you think would qualify, please read the document, and submit some details on how they meet the criteria
- Cr Wilson suggested a new category – Club Champions with some ideas below:
  - 300 games of First Grade
  - Champions of Clubs but may not actually meet the criteria of playing for state and country
  - For example – Neil Bulger.

ACTION – Mark Spear to bring up at the next Queanbeyan Sporting Gallery Committee Meeting.

#### **9. Any Other Business**

- Brad Toone
  - Wished to acknowledge Council for all their help with fields over Winter, it was a difficult year with rain etc. but appreciated the assistance given.
- Cr Wilson
  - Sporting Reception
    - It has been quite a successful season for local teams – winning many Canberra premierships
    - Cr Wilson has spoken to the Mayor about doing some sort of sporting reception to recognise the achievements, potentially a photo opportunity with winning captains.
  - Football Tournament
    - Seiffert Oval will play host to some Four Nations games
    - Some details in the link  
<https://www.footballaustralia.com.au/news/commbank-young->

[matildas-squad-named-pacific-womens-four-nations-tournament](#)

- Appreciate the assistance from Cr Biscotti in facilitating this.
- Financial Sustainability Options and Revised Long Term Financial Plan
  - Spoke briefly around the challenge for Council to provide quality sportsgrounds and facilities but also needing to finance them.
- Next Meeting
  - Spoke around wanting to meet in person
  - Some people expressed that online worked well due to travel
  - To be held at the Riverside Oval Meeting Room with an online option
  - In the room or on Zoom.

**The next Sports Council meeting is scheduled for 6.00pm – Monday 13 February 2023.**

Cr Wilson closed the meeting at 6:50pm.

# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 11.3 MINUTES OF THE QPRC SPORTS COUNCIL MEETINGS

ATTACHMENT 2 QPRC SPORTS COUNCIL DRAFT MINUTES - FEBRUARY 2023



## Draft Minutes

<b>Date:</b>	Monday 13 February 2023	<b>Time:</b>	6:00pm	<b>Venue:</b>	Riverside Oval Meeting Room / Online
<b>Chairperson:</b>	Cr Biscotti / Cr Wilson			<b>Minutes:</b>	Mark Spear
<b>Participants:</b>	Three councillors and a member from each sporting code or club in Queanbeyan-Palerang LGA (listed below)			<b>Apologies:</b>	Peter Solway (Cricket) and Mark Unwin (Hockey)
<b>Meeting Objective:</b>	The role of the QPRC Sports Council is to consider the allocation of sports fields across the LGA prior to the commencement of each winter and summer sporting season, and to make recommendations for the development and/or improvements to sporting facilities and recreational needs, including input into the works programs.				

### Code of co-operation

- |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. We start on time and finish on time</li> <li>2. We respect the Chair and direct all comments through the Chair</li> <li>3. We all participate and contribute – everyone is given the opportunity to voice their opinions</li> <li>4. We use improvement tools that enhance meeting efficiency and effectiveness</li> </ol> | <ol style="list-style-type: none"> <li>5. We actively listen to what others have to say, seeking first to understand, then to be understood</li> <li>6. We follow up on the actions for which we are assigned responsibility and complete them on time</li> <li>7. We give and receive open and honest feedback in a constructive manner</li> <li>8. We use data to make decisions (whenever possible)</li> </ol> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

No.	Item	Details	Who	Notes											
1	Welcome and Attendance		Cr Wilson	Cr Wilson opened the meeting at 6:05pm											
				Cr Wilson did an Acknowledgement of Country											
				Cr Wilson mentioned that the meeting was occurring fifteen years ago to the day, that the Prime Minister at the time, Kevin Rudd, apologised to members of Australia's Stolen Generations.											
				The following attended in person:											
				<table><tr><td rowspan="2">Councillors</td><td>Cr Wilson (Co-Chair)</td><td>Council Representative</td></tr><tr><td>Cr Livermore (Deputy Mayor)</td><td></td></tr><tr><td>Archery</td><td>Sarah O'Sullivan</td><td>Monaro</td></tr><tr><td>Athletics</td><td>Joe Sheridan</td><td>Queanbeyan</td></tr></table>	Councillors	Cr Wilson (Co-Chair)	Council Representative	Cr Livermore (Deputy Mayor)		Archery	Sarah O'Sullivan	Monaro	Athletics	Joe Sheridan	Queanbeyan
				Councillors		Cr Wilson (Co-Chair)	Council Representative								
Cr Livermore (Deputy Mayor)															
Archery	Sarah O'Sullivan	Monaro													
Athletics	Joe Sheridan	Queanbeyan													

				<table><tr><td>AFL</td><td>Brad Toone</td><td>Googong</td></tr><tr><td>Football</td><td>Alex Tine</td><td>Monaro</td></tr><tr><td>Swimming</td><td>Christian Thun</td><td>Queanbeyan</td></tr><tr><td>Tennis</td><td>Wendy Grant</td><td>Queanbeyan</td></tr><tr><td>Staff</td><td>Mark Spear</td><td>Program Coordinator – Recreation</td></tr></table> <p>The following attended online via Microsoft Teams:</p> <table><tr><td rowspan="2">Councillors</td><td>Cr Biscotti (Co-Chair)</td><td>Council Representative</td></tr><tr><td>Cr Taskovski</td><td>Council Representative</td></tr><tr><td rowspan="2">AFL</td><td>Lynne McKenzie</td><td>Queanbeyan</td></tr><tr><td>Scott Taylor</td><td>Queanbeyan</td></tr><tr><td>Bowls</td><td>Gordon Elliott</td><td>Queanbeyan</td></tr><tr><td rowspan="3">Football</td><td>Antoni Aslimoski</td><td>Queanbeyan</td></tr><tr><td>Laze Pejoski</td><td>Queanbeyan</td></tr><tr><td>Zoran Duckinoski</td><td>Queanbeyan</td></tr><tr><td rowspan="2">Netball</td><td>Tiffany Knight</td><td>Bungendore</td></tr><tr><td>Kelly Lolesio</td><td>Queanbeyan</td></tr><tr><td rowspan="2">Rugby League</td><td>Daniel Todd</td><td>Bungendore</td></tr><tr><td>Leeann Tonga'uiha</td><td>Queanbeyan Roos</td></tr><tr><td>Staff</td><td>Rob Sheffield</td><td>Team Leader – Sports Fields</td></tr></table>	AFL	Brad Toone	Googong	Football	Alex Tine	Monaro	Swimming	Christian Thun	Queanbeyan	Tennis	Wendy Grant	Queanbeyan	Staff	Mark Spear	Program Coordinator – Recreation	Councillors	Cr Biscotti (Co-Chair)	Council Representative	Cr Taskovski	Council Representative	AFL	Lynne McKenzie	Queanbeyan	Scott Taylor	Queanbeyan	Bowls	Gordon Elliott	Queanbeyan	Football	Antoni Aslimoski	Queanbeyan	Laze Pejoski	Queanbeyan	Zoran Duckinoski	Queanbeyan	Netball	Tiffany Knight	Bungendore	Kelly Lolesio	Queanbeyan	Rugby League	Daniel Todd	Bungendore	Leeann Tonga'uiha	Queanbeyan Roos	Staff	Rob Sheffield	Team Leader – Sports Fields
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2	Adoption of November Minutes		Cr Wilson	No issues identified with the 7 November 2022 Minutes and adopted.																																																
3	Action Items		Cr Wilson	<p>Mark Spear advised that some clubs had not provided participation figures yet for the QPRC Sports Facilities Strategic Plan</p> <p>Mark Spear advised that a meeting had occurred about the new Googong Oval around allocations. The Junior Tigers will be allocated the new Googong Oval. The Googong Hogs will continue to use Rockley Oval. This allocation will switch when the new Googong Oval has appropriate change rooms for senior match play.</p>																																																

				Mark Spear spoke that the Club Champions suggestion was put to the Queanbeyan Sporting Gallery Committee. The suggestion was rejected as it was felt that it would diminish the achievements of those already in the Queanbeyan Sporting Gallery. It was thought that these individuals could be adequately recognised by their respective clubs through Walls of Fame etc.
4	Sports Ground Allocations		Rob Sheffield	<p>Rob Sheffield will send out winter allocations</p> <p>Alex Tine asked whether fees will be rising noting that Capital Football had significantly raised fees. Alex also spoke to various other fees including cost of living that were also rising.</p> <p>Rob Sheffield confirmed that winter fees will be sent prior to June 30 and would be what is in the adopted 2022/2023 Fees and Charges</p> <p>Sarah O'Sullivan asked whether they were to expect any invoices as had not received any in a few years. Mark Spear to follow up if a lease is in place for Monaro Archers.</p>
5	QPRC Sports Facilities Strategic Plan		Mark Spear	Information is on Your Voice
6	Current and planned capital works projects			<p>Tim Geyer was not present to provide an update.</p> <p>Daniel Todd asked for some updated buildings plans for the Bungendore Sports Hub.</p>
7	Grants		Cr Wilson	<p>Wendy Grant advised that the Queanbeyan Park Tennis Club had been awarded funding of \$531,128 for the upgrade of the playing surface for Queanbeyan East Tennis Courts. Funding came from the Stronger Country Communities Fund – Round 5.</p> <p>Cr Wilson also advised that Council were successful for other sports related projects including:</p> <ul style="list-style-type: none"> <li>* Accessible Paths, Ramps and Parking Space Braidwood Pool – \$119,470</li> <li>* Providing Independent Access to Braidwood and Queanbeyan Aquatic Centres – \$200,000</li> <li>* Captains Flat Pool Leak Rectification and Disability Access – \$576,630</li> </ul> <p>Cr Wilson re-iterated that due to Council's financial position, Council would be unable to match funding or take out loans for new sporting infrastructure. The credit card is maxed.</p> <p>Cr Biscotti re-iterated that grants covering the full scope of projects would be preferred. As would funding to maintain current facilities.</p>



8	Any Other Business	Fees and charges	<p>Mark Spear spoke to wanting to streamline fees which was raised by users of the Braidwood Recreation Ground. Some examples that may need to be addressed include:</p> <ul style="list-style-type: none"> <li>* There are 34 different fees for the Braidwood Recreation Ground</li> <li>* Having different fees for fields at Braidwood and Queanbeyan</li> <li>* Line marking fees for Bungendore but not other venues</li> <li>* Venues being the same price but of differing quality i.e. Riverside Oval v Lambert Park</li> </ul> <p>Mark continued that the intention is to streamline, there is no appetite for full cost recovery. Fees will be reviewed as they are every financial year and endorsed by Council.</p> <p>Cr Wilson added that small increases may be inevitable and would look to as always, consult with clubs on any changes.</p>
		QLSC	<p>Christian Thun reported that the Queanbeyan Leagues Swim Club (QLSC) has recently participated in the 2023 ACT Swim Championship at the AIS.</p> <p>QLSC had 11 swimmers participate in 54 events. Four swimmers walking away with 15 medals. QLSC is gaining a reputation of being a competitive club with strong swimmers. Thanks to Karl James the squad coach who has been preparing the swimmers for the event.</p> <p>The medal winners were Ryleigh Gafa, Kyler Piesley, Sophia Nio and Sicily Thun.</p> <p>Cr Wilson added that Council is not looking to close any pools. Cr Wilson was contacted by members from the Braidwood Swimming Club and re-iterated that the Braidwood Pool would not be closing.</p> <p>Cr Wilson also spoke to not wanting to outsource the running of pools as this had not worked at other Councils including Albury.</p>
		Regional Sports Complex	<p>Cr Wilson confirmed that Stage 2 would be the four court indoor facility and Stage 3 would be the Aquatic centre.</p> <p>Alex Tine asked who is running the Regional Sports Complex? Alex also spoke around not being consulted around designs.</p> <p>Cr Wilson mentioned some of the consultation that had occurred around the Regional Sports Complex including as session held at Riverside Oval.</p>

				<p>Cr Biscotti spoke that some management structure proposals were put forward early in the planning process but nothing had been decided as yet.</p> <p>Kelly Lolesio asked whether netball would be able to be played at the four court indoor facility.</p> <p>Cr Biscotti confirmed that the facility would be multipurpose to enable as many sports as possible to use it from a community and business perspective.</p>
		Cricket ACT Centenary		<p>Cr Wilson congratulated Queanbeyan cricketers – Peter Solway and Neil Bulger (deceased) who were selected in the Cricket ACT Centenary Teams of the Century. Details - <a href="https://www.cricketact.com.au/news/cricket-act-centenary-celebrates-teams-of-the-century/2023-02-04">https://www.cricketact.com.au/news/cricket-act-centenary-celebrates-teams-of-the-century/2023-02-04</a></p>
9	Close of Meeting			Cr Wilson closed the meeting at 6:49pm.

No.	Actions and Agreements	Who	When	Completed
1	Put November 2022 and February 2023 Minutes to Council	Mark Spear	Mar-2023	No
2	Send out winter allocations	Rob Sheffield	TBA	No
3	Monaro Archer Lease	Mark Spear	TBA	No
4	Provide updated building plans for the Bungendore Sports Hub	Tim Geyer	TBA	No
5	Proposed 2023/2024 Fees and Charges	Mark Spear	Mar-2023	No

<b>Next Meeting:</b>	Monday 8 May 2023	Time:	6:00pm	Venue:	Committee Room / online
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# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 12.1 PHASING OUT GAS FOR COUNCIL OPERATIONS

ATTACHMENT 1 SUSTAINABLE DESIGN COUNCIL BUILDINGS POLICY



# Sustainable Design for Council Buildings Policy

<b>Date policy was adopted:</b>	21 December 2022
<b>Resolution number:</b>	522/22
<b>Next Policy review date:</b>	September 2024
<b>Reference number:</b>	52.5.4
<b>Strategic Pillar</b>	Development & Environment
<b>Responsible Branch</b>	Natural Landscapes & Health

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Sustainable Design for Council Buildings Policy

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**1 OUTCOMES**

- 1.1 Council is committed to improving its operational sustainability

**2 POLICY**

- 2.1 All Council owned buildings and other infrastructure should contribute to improving the sustainability of Council operations.

**3 SCOPE OF THE POLICY**

- 3.1 This policy applies to all new building and other infrastructure construction, refurbishment and upgrades. This policy sets standards to ensure that all Council building and infrastructure works support Council's Sustainability goals and transition to net zero emissions over time. This includes, but is not limited to,

- Reduced greenhouse gas emissions
- Reduced energy consumption, water use and waste;
- Increased use of electricity generated from renewable sources (Green Power)
- Use of gas is discouraged and will only be permitted when strong justification for its use can be provided (e.g. swimming pool heating etc).
- Reduced on-going operating and maintenance costs;
- Demonstrating community leadership in implementing renewable energy and passive solar design;
- Using alternative water sources and improving stormwater water quality;
- Better occupant health and comfort;
- Continued Council growth and development with reduced environmental footprint; and
- Increased staff and community awareness of sustainability.

**4 DEFINITIONS**

- 4.1 ESD – Ecologically Sustainable Design - is building design that promotes environmental quality, economic vitality and social benefit.
- 4.2 SDA – Sustainable Design Assessment – an early opportunities analysis which identifies strategies to integrated sustainable design elements in a building design, and meet targets in the most cost effective manner.

**5 LEGISLATIVE OBLIGATIONS AND/OR RELEVANT STANDARDS**

- 5.1 Local Government Act 1993

Section 7(e) "purposes of the Act" requires "Councils, Councillors and Council employees to have regard to ESD principles in carrying out all of their responsibilities".

Section 8 of the Local Government Act 1993 (as amended 1997) sets out the charter of a local council in NSW and includes the requirement for a council to "properly manage, develop, protect, restore, enhance and conserve the environment of the area for which it is responsible in a manner which is consistent with and promotes the principles of Ecological

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Sustainable Design for Council Buildings Policy

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Sustainable Development and "have regard to the long term and cumulative effect of its decisions".

5.2 The Environmental Planning and Assessment Act 1979

5.3 High level objectives include "encouraging ecological sustainable development". Sustainability Policy.

Section 2 "Policy" requires: "Council will systematically review its internal policies, Ecologically Sustainable Development performance, processes and practices to further build the organisation's capacity to deliver ongoing triple bottom line performance improvement within its own operations".

5.4 Procurement Policy, 2020

Section 6.4 provides Council's objectives for sustainable procurement. These objectives are as follows:

- (a) Minimise unnecessary purchasing – consider alternatives to purchasing and only purchase when a product is necessary;
- (b) Minimise waste – purchase in accordance with the waste management hierarchy of reduce, re-use and recycle;
- (c) Reduce natural resource consumption – purchase products that conserve natural resources such as energy, water and fuel.
- (d) Minimise pollution – where possible avoid purchasing products that pollute the environment (air, water soil, light and noise)
- (e) Eliminate toxic products – where possible avoid purchasing hazardous chemicals or substances that may be harmful to ecosystems or human health;
- (f) Reduce greenhouse emissions – purchase products that can reduce emissions or have lower associated emissions. Prioritise products that are carbon neutral or carbon negative;
- (g) Achieve biodiversity and habitat protection – purchase in accordance with biodiversity and conservation objectives.

The following actions are required to support the above sustainable procurement objectives:

- (a) Foster innovation in sustainable products and services
- (b) Eliminate inefficiency, waste and expenditure
- (c) Contribute to the combined purchasing power of Local Government to stimulate demand for sustainable products
- (d) Advance sustainability by conducting complete lifecycle analysis during procurement activities
- (e) Increase staff awareness of sustainable product ranges available in each procurement category
- (f) Deliver Council's commitments in relation to ecologically sustainable development and other environmental and social obligations
- (g) Take a leadership role in the advancement of long term social and environmental sustainability
- (h) Include relevant Community Strategic Plan objectives within evaluation criteria to achieve sustainable outcomes.

Sustainable Design for Council Buildings Policy

## 6 CONTENT

- 6.1 All budgeting, procurement and tender documentation shall refer to this policy. During project planning, all projects are required to either:
- 6.1.1 Complete a Sustainable Design Assessment (SDA) in consultation with Council's Environment and Sustainability Officers; or
- 6.1.2 Register and undertake external certification process.

In either case, the project team will specify how Council's sustainability targets are to be met once the building or infrastructure is operational.

### 6.1.3 Supporting Documents

- a) Template A - Project Sustainability Design Assessment Checklist - Sustainability of Council Buildings Policy (C1779128)
- b) Template B - Sustainable Design Policy for Council Building - SDA Checklist – Building (C1779126)
- c) Template C - Sustainable Design Policy for Council Building - SDA Checklist – Infrastructure (C1779127)
- d) Template D – Lifecycle Cost Calculator (C1779129)

### 6.2 Targets

- 6.2.1 Council has the following targets for this policy:
- Zero net impact on greenhouse gas and water use compared to previous years.
  - No Net Increase in Greenhouse Gas Emissions
  - No Net Increase in Council Water Use
  - Increase waste recovery rates to 80%
  - What this means in practice is that as new projects are added:
  - They will be as low environmental impact as practical
- 6.3 All projects (including renovations and upgrades) must contribute to meeting the following targets:
- 6.3.1 Allocate a minimum of 10% of the budget towards sustainability measures to ensure that these targets can be met.
- 6.3.2 Additionally, mandatory minimum and optional sustainability measures are nominated for each project type depending on the contract value of the project, defined as follows:
- Minor works (<\$300,000);
  - Major works (\$300,000-\$2,000,000); and
  - Showcase works (>= \$2,000,000).

For minor and major works a Sustainability Design Assessment (SDA) Checklist, Template A, and ESD checklist, Template B (for buildings) or Template C (for infrastructure projects) have been developed.

For Showcase works sustainability measures are referenced in third party tools, which each contain relevant sustainability benchmarks. All showcase works require third party best

Sustainable Design for Council Buildings Policy

practice certification, which could include [Green Star, Infrastructure Sustainability \(IS\)](#) or equivalent.

#### 6.4 Specific requirements for building types

	Examples	Sustainable Design Target	Process and Review
<b>Minor Works and refurbishments &lt;\$300,000</b>	Toilets and Small Pavilions Kiosks / Ticket Boxes Depot buildings Stores / Sheds Bridges or roads Parks Water or sewerage infrastructure	Use Template A to conduct the SDA  <b>And</b>  Template B (for buildings) <b>OR</b> Template C (for Infrastructure)  All minimum and some additional requirements outlined in template B or C are to be met	Internal review including Infrastructure Sustainability Officer
<b>Major Works \$300,000 to \$2,000,000</b>	Pavilions Childcare and maternal and child health centres Aged Care centres Neighbourhood Houses Community centres/halls Bridges or roads Parks Water or sewerage infrastructure	Use Template A to conduct the SDA  <b>And</b>  Template B (for buildings) <b>OR</b> Template C (for Infrastructure)  All minimum and most additional requirements outlined in template B or C are to be met	Internal review including Infrastructure Sustainability Officer and/or external ESD consultant input
<b>Showcase Projects &gt;\$2,000,000</b>	Libraries Aquatic Recreation centres Sports Stadiums Offices /Town halls Larger Community Centres Water or Sewerage Infrastructure Parks Roads	Third party certification - '5 Star' <a href="#">Green Star</a> or equivalent* rating for buildings, or 'Excellent' <a href="#">IS</a> rating for infrastructure projects.	External third party review and certification

\*Equivalent third party certification programs include, but are not limited to, Living Building Challenge, LEED and NABERS. Certification is to be of the as built product.

#### 6.5 Roles and Responsibilities

Project Element	Sustainable Design Considerations	Primary Responsibility
Feasibility and budget allocation	As part of capital works planning a Sustainable Design budget should be allocated as appropriate to achieve the relevant targets.	Project initiator and Council Management to approve projected budget for showcase projects



Sustainable Design for Council Buildings Policy

Architectural Tender Brief and Contractor Specifications Guidelines	The Sustainable Design targets applicable to the project should be included in all Architectural Tender Brief and Contractor Specifications guidelines	Project initiator (e.g. Capital Works and Assets, Community Facilities, Recreation Officer, etc)
Detailed Design	Ensure all sustainability requirements are met and these features are clearly and accurately documented in the building plans, specifications and working drawings / schematics before the project goes to tender. Undertake Planning review and Quality Assurance check	Project initiator, Design Team, Infrastructure Sustainability Officer, Facilities Maintenance
Construction	An Environmental Management Plan for the construction site is required. Ensure compliance with Sustainable Design requirements and specifications.	Project initiator, Infrastructure Sustainability Officer, Construction contractor
Project Commissioning and Handover	Ensure that buildings or other infrastructure occupants and operators are trained in relevant systems.  For all Major and Showcase Capital Works: A copy of the following documents should be provided to the building occupants or infrastructure users as well as the Council maintenance department: <ul style="list-style-type: none"> <li>• Sustainable design intent</li> <li>• Building or other infrastructure user's guide, outlining the efficient use of the sustainable design features and technologies.</li> <li>• As built drawings;</li> <li>• Maintenance manuals; and</li> <li>• Commissioning checklists, reports and recertification details.</li> </ul>	Project initiator, Infrastructure Sustainability Officer, Main building contractor, Facilities Maintenance, Relevant Council department facility manager/ Project manager
Building tuning and maintenance (during defect liability phase)	Ensure the building or infrastructure operates effectively in all seasons as per the design specifications during the 12 month Defects Liability Period by the builder and subcontractors supervised by the Council Maintenance Staff.	Facilities Maintenance Relevant Council department (facility manager) / Project manager Project Initiator
Refurbishment and required maintenance	Comply with this policy and Procurement Policy to consistently improve the environmental performance of Council assets.	Facilities Maintenance
Project Element	Sustainable Design Considerations	Primary Responsibility
Green Use Agreements (as part of License, Lease, Venue Hire and Ground and Pavilion	Include lease terms and conditions governing the management and operation of a building and tenant and Council responsibilities to encourage environmentally sustainable use.	Relevant Council department (facility manager) and Tenant
Building user engagement	Provide tenants with Building User Guides to educate and encourage the effective use of the sustainable features of their premises.  For showcase projects, Council and tenant must develop an Environmental Management Plan to ensure sustainable design	Project initiator Relevant Council department (facility manager) / Project manager
Annual Sustainable Operation Review	Council will annually monitor and review each applicable asset's resource use in relation to its targets.	Relevant Council department (facility manager)  Facilities Maintenance Environmental planning

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Sustainable Design for Council Buildings Policy

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**7 REVIEW**

- 7.1 This policy will be reviewed every four years or earlier as necessary if:
- a) legislation requires it, or
  - b) Council's functions, structure or activities change

# **QUEANBEYAN-PALERANG REGIONAL COUNCIL**

## **Council Meeting Attachment**

**26 APRIL 2023**

ITEM 12.1 PHASING OUT GAS FOR COUNCIL OPERATIONS

ATTACHMENT 2 OPERATIONS CLIMATE ACTION PLAN

# QPRC



## **QUEANBEYAN-PALERANG REGIONAL COUNCIL CLIMATE CHANGE ACTION PLAN: COUNCIL OPERATIONS PLAN PERIOD: 2020 TO 2030**

**Adopted on: 27<sup>th</sup> May 2020**

Version 2- Updated 20/10/2021

**Document ID: 711530**

Developed by 100% Renewables Pty Ltd



Level 32, 101 Miller Street  
North Sydney 2060

[www.100percentrenewables.com.au](http://www.100percentrenewables.com.au)



## OVERVIEW

Queanbeyan-Palerang Regional Council (QPRC) recognises that climate change is a serious and significant issue and is committed to reducing its carbon footprint and supporting the community in addressing climate change. Both Council and the community have roles to play in ensuring the Queanbeyan-Palerang region contributes to efforts to mitigate climate change through action to reduce our greenhouse gas (GHG) emissions. Two documents comprise Council's Climate Change Action Plans:

- QPRC Council Operations Climate Change Action Plan (this document)
- QPRC Community Climate Change Action Plan

Both Action Plans cover the period from 2020 to 2030. The plans set out the potential for emissions abatement in Council operations and in the community, as well as actions that Council and the community can undertake to implement the plans. Council is committed to develop annual public reports on its progress implementing the plans. In addition, Council will conduct a midterm and final evaluation of the plans at the end of its term, to inform updated Climate Change Action Plans.

These plans complement other strategies that Council has developed or is developing, which also act upon climate change in our region.

Council's Operations Climate Change Action Plan will impact on Council's budget in a number of ways.

- The plan identifies a range of solar photovoltaic (PV) power generation opportunities at Council-owned facilities. It is estimated that these will cost \$1 million and will return more than \$140,000 annually in net cost savings to council for 25 years.
- Streetlighting systems can be upgraded to LED technology, with savings in energy costs and maintenance. Initial cost estimates of \$2.4 million will save an estimated \$440,000 each year.
- Council's pre-existing Sustainable Design Policy for Council Buildings will see energy efficiency and sustainable design built into major building and infrastructure projects, including the new Queanbeyan Civic and Cultural Precinct, the Queanbeyan Sewerage Treatment Plant, and the expansion of the Googong Water Reclamation Plant.
- Council is encouraged to consider policy measures that will lead to lower greenhouse gas emissions, including LED lighting for new and refurbished sporting fields and public lighting, fleet policy changes that will see Council's vehicles transition to low and zero emissions over time, and the adoption of updated guidelines for local councils on sustainable procurement.
- Council is encouraged to consider purchasing some or all of the electricity for its operations from renewable energy sources, where this is shown to be no more expensive nor to involve any additional risk compared with Council's current electricity purchasing arrangements, as other councils and large organisations have done.
- Future opportunities such as the expansion of solar PV systems with battery energy storage are not costed in this plan and will form part of a future revision of the plan by Council.

Implementation of energy and emissions reduction measures could see Council achieve significant cost savings and abatement over time. Pathways for Council's energy consumption and emission reductions are set out in this plan.



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## KEY ABBREVIATIONS

AR	Assessment Report
BAU	Business As Usual
CCAP	Council Operations Climate Change Action Plan
CCCAP	Community Climate Change Action Plan
COP	Conference Of the Parties
CO <sub>2</sub> -e	Carbon Dioxide Equivalent
CO <sub>2</sub>	Carbon Dioxide
CSP	Community Strategic Plan
DPIE	Department of Planning, Industry and Environment
EVs	Electric Vehicles
EPA	Environmental Protection Agency
GDP	Gross Domestic Product
GHG	Greenhouse Gas
HVAC	Heating, Ventilation, Air conditioning
ICLEI	Local Governments for Sustainability
IPCC	Intergovernmental Panel on Climate Change
IS	Infrastructure Sustainability
KPIs	Key Performance Indicators
LGA	Local Government Area
LULUCF	Land use, Land-Use Change and Forestry
PPAs	Power Purchase Agreements
PPM	Parts Per Million
PV	Photovoltaic
QPRC	Queanbeyan-Palerang Regional Council
RCP	Representation Concentration Pathways
RET	Renewable Energy Target
SBTs	Scientific Based Targets
SDGs	Sustainable Development Goals
SEROC	South East Regional Organisation of Councils
SSPs	Shared Socioeconomic Pathways



STP	Sewage Treatment Plant
-----	------------------------

## 1. SUMMARY

Queanbeyan-Palerang Regional Council recognises that climate change is a serious and significant issue and is committed to supporting the community in addressing it through a local response. This is the first Climate Change Action Plan for the new Queanbeyan-Palerang Regional Council. It builds on previous action plans and implementation of energy efficiency and renewable energy initiatives by the former Queanbeyan City Council and Palerang Council.

The previous Queanbeyan City Council Operational Climate Change Action Plan (2013-17) targeted a 25% reduction in GHG emissions by 2020 compared with 2009-10, to be achieved through rooftop solar, energy efficiency and integration of the action plan into Council's policies. Many actions were completed, including the installation of 382 kW of solar panels on council buildings so far.

Focusing on Council's operations, this action plan covers the period 2020 to 2030, and accompanies QPRC's first Community Climate Change Action Plan. Taken together these plans form the framework for Council and the community to work together to address climate change issues in our region.

### 1.1. SUGGESTED ENERGY & ABATEMENT TARGET OPTIONS FOR QPRC OPERATIONS

An analysis of energy use committed projects and future opportunities shows that there are opportunities for Council to make significant reductions in its emissions through a cost-effective program of action. 'Moderate' and 'ambitious' reduction scenarios were developed based on identified initiatives. These scenarios allow for abatement that is occurring through 'greening' of the grid with the addition of new large-scale renewable energy projects.

Moderate abatement can be achieved by upgrading all of QPRC's streetlights with LED technology, expanding Council's rooftop / onsite solar PV portfolio, and implementing cost-effective energy efficiency at its sites, continuing and extending current practices. These measures would require a budget of more than \$3.4 million and see Council's costs (energy and maintenance) fall by around \$580,000 per year, excluding planned capital works such as the Queanbeyan Civic and Cultural Precinct and the Queanbeyan STP. Council can also start to source some of its fleet from low and zero emissions sources such as electric, hybrid or hydrogen fuel cell vehicles over the next several years.

The impact of this approach can be seen in the two charts below, which highlight Council's operational energy demand forecast as well as the associated emissions forecast. This would suggest:

- 20% reduction in energy use in 2030 compared with 2017-18 levels
- 45% reduction in emissions in 2030 compared with 2017-18 levels inclusive of onsite actions and the greening of the grid i.e. reduced emissions intensity of the electricity grid

Ambitious abatement would see Council accelerate a transition to zero and low emissions vehicles in the period to 2030 and enter into one or more renewable energy Power Purchase Agreements (PPAs) to source clean electricity. Implementation of these measures, including 100% renewable electricity, would suggest:

- 70% reduction in non-renewable energy use by 2030 compared with 2017-18 levels
- 90% reduction in emissions by 2030 compared with 2017-18 levels inclusive of onsite actions and the greening of the grid



Council Operations Climate Change Action Plan

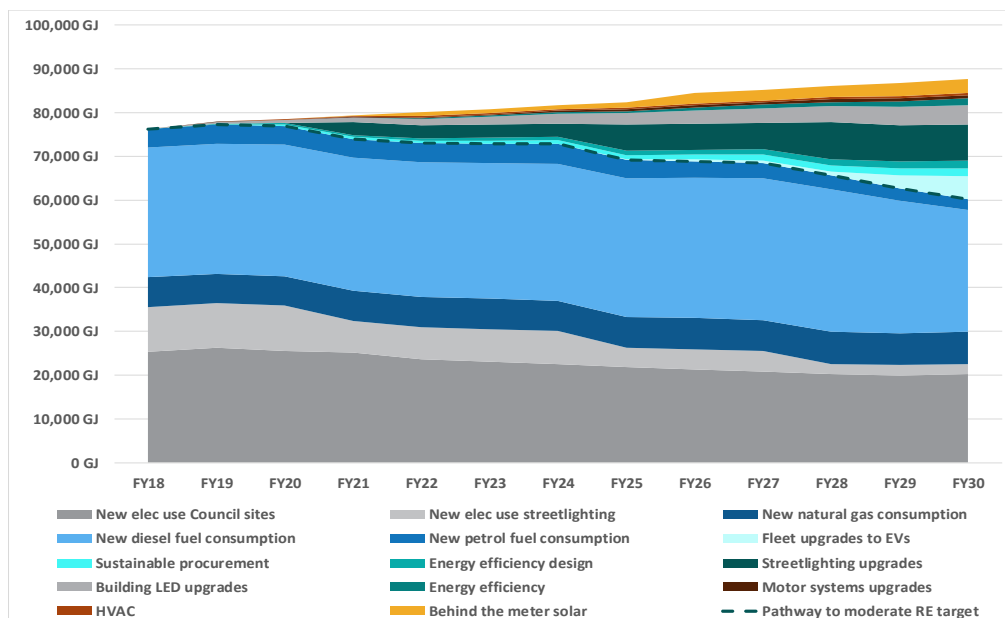


FIGURE 1: MODERATE (20%) ENERGY REDUCTION PATHWAY

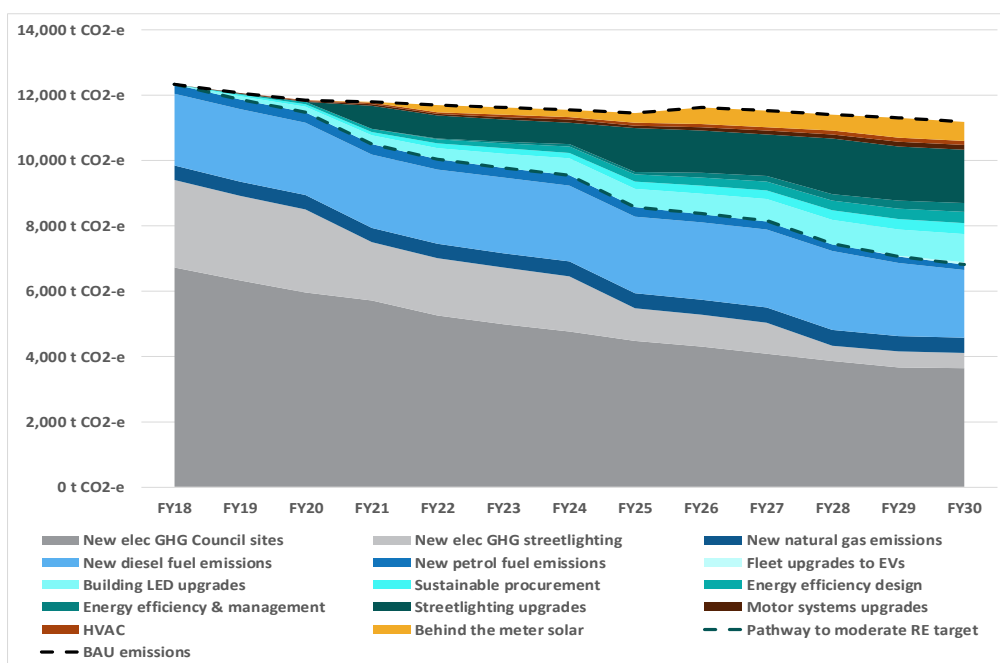


FIGURE 2: MODERATE (45%) EMISSIONS REDUCTION PATHWAY





Council Operations Climate Change Action Plan

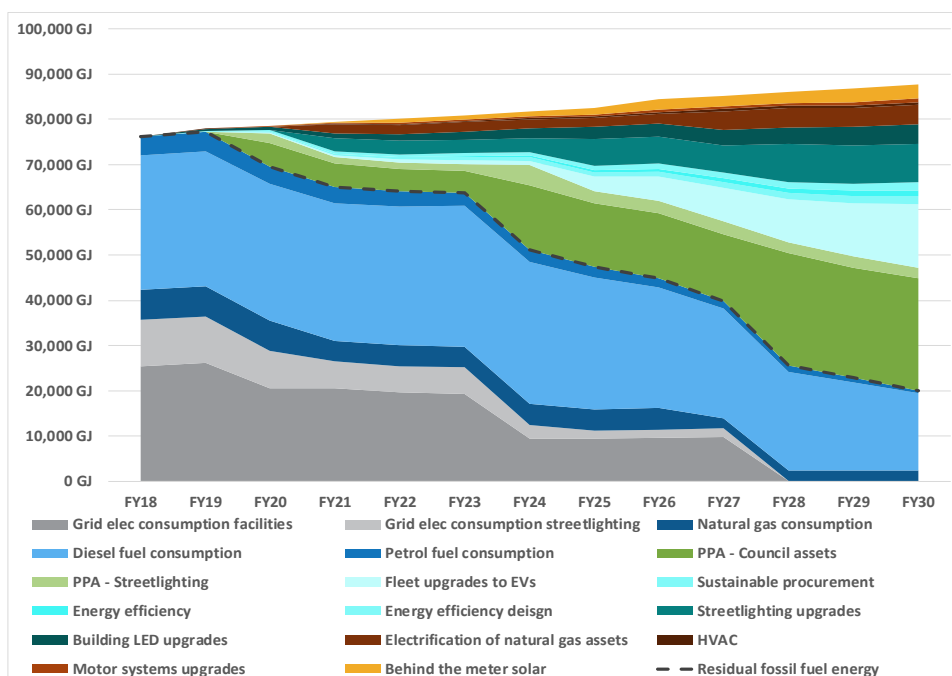
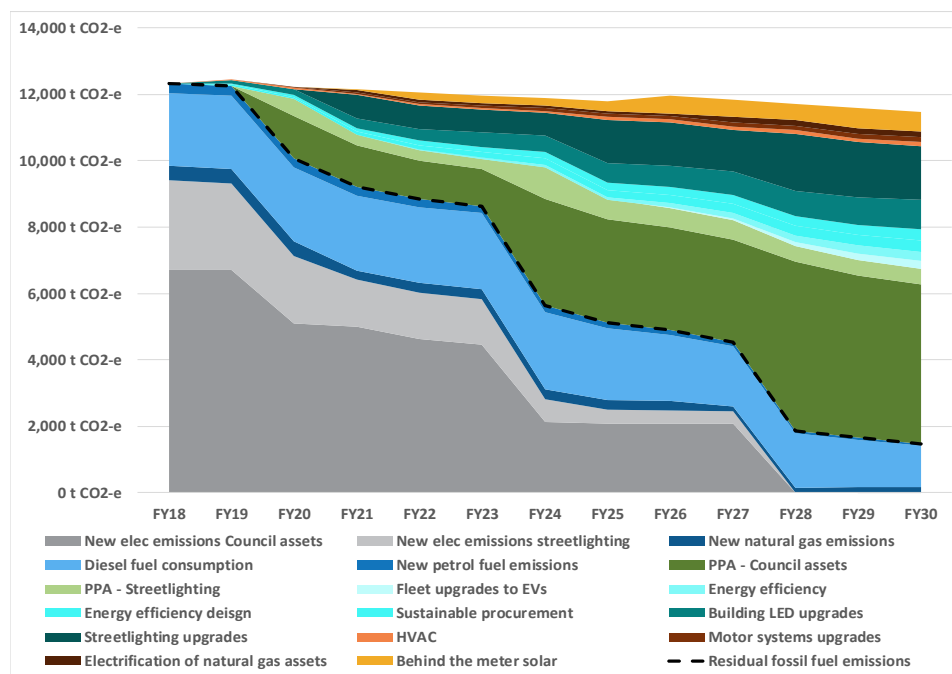


FIGURE 3: AMBITIOUS (70%) ENERGY REDUCTION PATHWAY





# INTRODUCTION





## 2. INTRODUCTION AND QPRC CONTEXT FOR ACTION ON CLIMATE

Queanbeyan-Palerang Regional Council (QPRC) continues to recognise that climate change is a serious and significant issue and is committed to supporting the community in addressing it through a local response. The reasons to act now on climate change are many and calls to action have been increasing both locally and globally.

This is the first Climate Change Action Plan for the new Queanbeyan-Palerang Regional Council. It builds on previous action plans<sup>1</sup> and implementation of energy efficiency and renewable energy initiatives by the former Queanbeyan City Council and Palerang Council.

Focusing on Council's operations, this action plan accompanies our first Community Climate Change Action Plan for Queanbeyan-Palerang. Importantly, the community action plan includes measures to mitigate future climate change effects and adapt to current and future climate change impacts. Taken together these Action Plans will form the framework for Council and the community to work together to address climate change issues in our region.

The Action Plans were developed via an assessment of the opportunities available in Council's operations and in the community to mitigate and adapt to climate change, and via engagement of Council and community stakeholders to ensure a broad range of views and ideas were input to the process. Engagement of stakeholders has helped to ensure a common understanding of the climate change issues requiring a local response and will help in fostering a Council/community partnership in implementing the Action Plans in coming years.

### 2.1. QUEANBEYAN-PALERANG COMMUNITY STRATEGIC PLAN 2018-2028

The Queanbeyan-Palerang Community Strategic Plan (CSP) sets out the long-term aspirations of the community in terms of where we see our region over the next 10 years and the things, we most value about living here. The Strategic Plan 2018-2028 highlights five strategic pillars that the CSP is built around, including two that are particularly relevant to this Plan:

- Strategic Pillar 3: Character
  - A sustainable Queanbeyan-Palerang
    - A clean, green community that cherishes its natural and physical character
- Strategic Pillar 4: Connection
  - A connected Queanbeyan-Palerang
    - A well-connected community with good infrastructure enhancing quality of life

The five strategic pillars of the CSP, reflecting the desired outcomes are illustrated on the next page.





## Council Operations Climate Change Action Plan

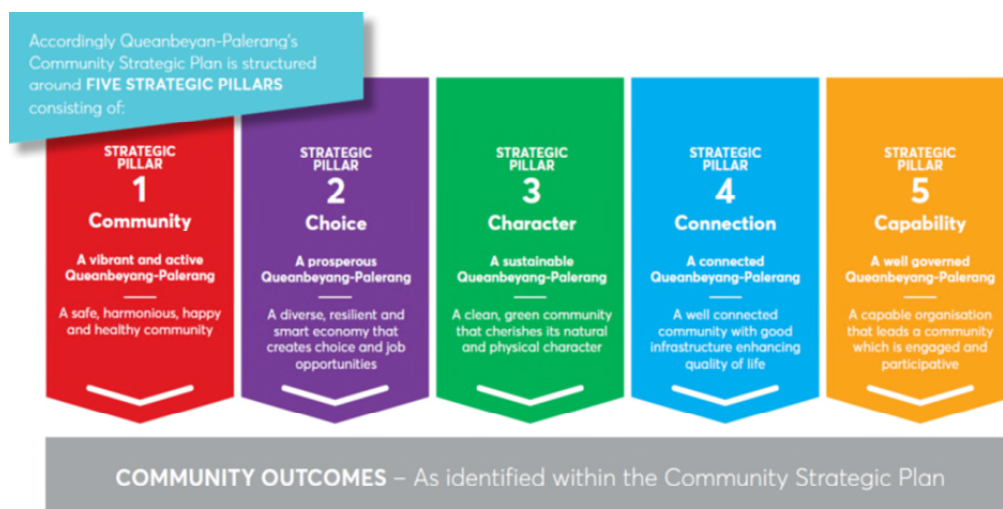


FIGURE 5: QUEANBEYAN-PALERANG COMMUNITY STRATEGIC PLAN – 5 STRATEGIC PILLARS

The five Key Goals associated with Strategic Pillar 3 provide further direction in relation to actions that need to be developed and pursued in order to meet the community's objectives.

- Key Goal 3.1: We consider the environmental impacts of future development
- Key Goal 3.2: Our region's urban landscapes are well managed and maintained promoting community pride
- Key Goal 3.3: Our natural landscapes and water resources are sustainably managed
- Key Goal 3.4: We actively promote and implement sound resource conservation and good environmental practice
- Key Goal 3.5: We ensure the future planning for the region is well coordinated and provides for its sustainable development

KEY STRATEGIES	COMMUNITY INDICATORS	DATA SOURCE
3.1 We consider the environmental impacts of future development	Level of community satisfaction on the state of the Queanbeyan-Palerang environment	Community Satisfaction Survey
3.2 Our region's urban landscapes are well managed and maintained promoting community pride	Level of community satisfaction with presentation of urban landscapes	Community Satisfaction Survey
3.3 Our natural landscapes and water resources are sustainably managed	Level of community satisfaction on the state of natural landscapes and water resources	Community Satisfaction Survey
3.4 We actively promote and implement sound resource conservation and good environmental practice	Level of community satisfaction with resource conservation and good environmental practice promoted by QPRC	Community Satisfaction Survey
3.5 We ensure the future planning for the region is well coordinated and provides for its sustainable management	Level of community satisfaction on strategic planning for the region	Community Satisfaction Survey

FIGURE 6: KEY GOALS ASSOCIATED WITH STRATEGIC PILLAR 3 – CHARACTER

The six Key Goals associated with Strategic Pillar 4 also provide further direction in relation to actions that need to be developed and pursued in order to meet the community's objectives.





## Council Operations Climate Change Action Plan

- Key Goal 4.1: Our transport infrastructure and networks are well planned and maintained
- Key Goal 4.2: We plan for and provide access to potable water supplies for communities across our region
- Key Goal 4.3: We plan for and provide for the management of sewage, stormwater and recycled water within the communities of our region
- Key Goal 4.4: We actively promote and implement sound resource conservation and good environmental practice for our waste management system
- Key Goal 4.5: We plan for and provide regional facilities which promote better social connection and access for the community
- Key Goal 4.6: We undertake planning to ensure infrastructure is prepared for future growth

STRATEGIC PILLAR 4 - CONNECTION		
KEY GOAL	COMMUNITY OUTCOME	COMMUNITY STRATEGY – Service Objective
4.1 Our transport infrastructure and networks are well planned and maintained	The region's transport network and infrastructure allows for the safe ease of movement throughout Queanbeyan-Palerang	Support the safe and equitable movement of commuters, visitors and freight into and through the Local Government Area through contemporary maintained and renewed roads, bridge and paths infrastructure and public transport facilities
4.2 We plan for and provide access to potable water supplies for communities across our region	The region's potable water supply systems meet national standards and are managed to adequately meet community demand	Support public health and growth through integrated water cycle management and the safe and equitable delivery of potable supply to residents and businesses in Queanbeyan-Palerang
4.3 We plan for and provide for the management of sewage, stormwater and recycled water within the communities of our region	The region's sewage treatment, stormwater and recycled water systems meet national standards to support public and environmental health in our region	Support public and environmental health through integrated water cycle management and the safe and equitable treatment of sewage and stormwater, the delivery of recycled water supply to residents and businesses in the Local Government Area, and improved water quality flows into the regional environment
4.4 We actively promote and implement sound resource conservation and good environmental practice for our waste management systems	The region increases waste minimisation and greater recycling levels of our waste	Support public and environmental health and generation of business through changing community and business behaviours, minimisation of waste to landfill and greater utilisation of recycled waste
4.5 We plan for and provide regional facilities which promote better social connection and access for the community	Social connection within our region is provided for via access to a range of community facilities across the region	Support the safe and equitable access to facilities and amenities through well-presented, sited, efficient, secure and clean buildings for community, civic and recreational use
4.6 We undertake planning to ensure infrastructure is prepared for future growth	Changing community demand is met by well planned for and placed infrastructure	Provide the asset management logistics for the organisation through well planned, sited and designed infrastructure and support facilities

FIGURE 7: KEY GOALS ASSOCIATED WITH STRATEGIC PILLAR 4 – CONNECTION

## 2.2. DELIVERY PROGRAM AND OPERATIONAL PLANS

Climate change response measures that are identified and assessed to be feasible to implement will be progressed in line with Council's 4-year Delivery Program and annual Operational Plans.

The Delivery Program sets out what the Council will do during its electoral term (4 years) to assist the community in achieving their long-term aspirations. Operational Plans set out the specific activities (including budget) the Council will undertake in each financial year.

The current Delivery Program covers the period July 2018 to June 2021 (3 years), following which the Delivery Program from July 2021 to June 2025 will revert to the 4-year cycle of non-merged councils.

In the context of Council's operations, the current Delivery Program 2018-21 includes a number of actions that will have an impact on Council's carbon footprint over the long term. In particular:

- Planning and commencement of construction of the Queanbeyan Civic and Cultural precinct and the subsequent treatment of Council-owned facilities in the Queanbeyan Central Business District (CBD) that may be divested and redeveloped as part of the CBD Transformation.
- Re-development of the Queanbeyan sewerage treatment plant from a 1930s facility to a modern treatment works with capacity to service the region's growing population, as well as





expansion or upgrading of other sewerage treatment facilities including Googong and Bungendore.

This Council Operations Climate Change Action Plan aims to identify and evaluate a range of measures that can be developed and implemented, both within Operational Plans that are aligned with the current Delivery Program to June 2021, and considered in the planning and development of the next four-year Delivery Program.

## 2.3. LEGISLATIVE INFLUENCES ON CLIMATE AND SUSTAINABILITY ACTION BY QPRC

A number of Acts provide a legislative basis for QPRC's past and ongoing action on sustainability and climate change. For example:

- **Local Government Act 1993** - the following principles apply to decision-making by Councils (subject to any other applicable law).
  - Section 8(2c) "Council's should consider the long term and cumulative effects of actions on future generations".
  - Section 8(2d) "Council's should consider the principles of ecologically sustainable development".
- **Biodiversity Conservation Act 2016**
  - Section 1.3 "The purpose of this Act is to maintain a healthy, productive and resilient environment for the greatest well-being of the community, now and into the future, consistent with the principles of ecologically sustainable development".
- **Biosecurity Act 2015**
  - Section 22 imposes a duty to prevent, eliminate or minimise a biosecurity risk, including the control of pest plants and animals on council land and avoiding the spread of weed material.
- **Environmental Planning and Assessment Act 1979** - the objects of this Act, which are reflected in Council's environmental planning instruments that council development activities often must comply with, include:
  - Section 1.3(b) "to facilitate ecologically sustainable development in decision-making about environmental planning and assessment";
  - Section 1.3(e) "to protect the environment, including the conservation of threatened and other species of native animals and plants, ecological communities and their habitats"; and
  - Section 1.3(f) "to promote the sustainable management of built and cultural heritage (including Aboriginal cultural heritage)".
- **Pesticides Act 1999**
  - Part 2 specifies controls on the use of pesticides in accordance with labels and to prevent harm to non-target plants or animals, and material harm to endangered, vulnerable or protected animals.
- **Protection of the Environment Operations Act 1997**
  - The objects of the Act include to protect, restore and enhance the quality of the environment having regard to ecologically sustainable development, such as through compliance with EPA licence requirements for scheduled activities and avoiding activities being carried out in an environmentally unsatisfactory manner that is likely to cause pollution.
- **QPRC Procurement Policy**



- Council acknowledges that it has a vital role to play at the local level in promoting sustainable development and can make a contribution towards meeting the global challenges of creating a sustainable society.
- Council can implement sustainable procurement practices based on the 2017 Sustainable Procurement Guide for NSW local governments (<https://www.lgnsw.org.au/files/imce-uploads/127/esstam-sustainable-procurement-guide-30.05.17.pdf>)
- **Water Management Act 2000**
  - The objects of the Act are to provide for the sustainable and integrated management of water sources, such as the use of water at council's facilities and for irrigating urban landscapes and roadworks.
- **Waste Avoidance and Resource Recovery Act 2001**
  - Council is expected to contribute to meeting the targets in the NSW Waste Avoidance and Resource Recovery Strategy.

## 2.4. QPRC'S CURRENT SUSTAINABILITY POLICIES

### 2.4.1. COUNCIL OPERATIONS SUSTAINABILITY POLICY

Council recently developed a sustainability policy to manage its operations and ensure that all operational procedures prioritise sustainability. This policy highlights QPRC's commitment to reducing the environmental impacts of its operations, by adopting a quadruple bottom-line approach (financial, social, environmental and governance) to its focus on water use, energy use, waste management, fleet management, natural resource management, and parks management.

Council's efforts to lead the region in sustainable practices across these areas will be accomplished via the development of:

- Integrated management plans
- Specific action plans
- Standard operating procedures
- Training
- Communication
- Monitoring and reporting

Council has also developed a set of key performance indicators (KPIs) that it plans to report against annually as part of the policy.



#### 2.4.2. SUSTAINABLE DESIGN POLICY FOR COUNCIL BUILDINGS

This policy was adopted by Council in May 2017. The policy applies to all new building and other infrastructure construction, refurbishment and upgrades. It sets standards to ensure that all Council building and infrastructure works support Council's Sustainability goals, including, but not limited to:

1. Reduced energy consumption, water use and waste.
2. Reduced on-going operating and maintenance costs.
3. Demonstrating community leadership in implementing renewables and passive solar design.
4. Using alternative water sources and improving stormwater water quality.
5. Better occupant health and comfort.
6. Continued Council growth and development with reduced environmental footprint; and
7. Increased staff and community awareness of sustainability.

Targets set for this policy include:

- Zero net impact on GHG emissions and water use compared to previous years.
  - No Net Increase in GHG emissions
  - No Net Increase in Council Water Use
  - Increase waste recovery rates to 80%
- What this means in practice is that as new projects are added:
  - Their environmental impact shall be as low as is practical; and
  - Efficiency upgrades of existing sites will offset environmental impacts of new facilities

#### 2.4.3. SUSTAINABLE EVENT MANAGEMENT POLICY

The QPRC sustainable event management policy applies to all events operated by Council. It is designed to identify sustainability considerations for event organisers in relation to the planning, implementation, and evaluation of events.

## 2.5. COMMUNITY ACTION AND RESPONSES TO CLIMATE CHANGE

QPRC action on climate change is also informed by the actions and attitudes of the community. This is evidenced by the uptake of solar PV by the community in recent years, and also by a recent survey carried out as input to the development of this Plan.

### 2.5.1. SOLAR UPTAKE IN QUEANBEYAN-PALERANG REGIONAL COUNCIL

Some 20.7% of dwellings (APVI <http://pv-map.apvi.org.au/>) in the local government area (LGA) have installed solar PV as of mid-April 2020. This places Queanbeyan-Palerang Regional LGA in the middle of NSW councils in terms of the number of residents taking up solar panels. In addition to 4,507 residential systems there have been 375 installations of 10-100 kW in capacity, which tend to be commercial-scale systems, plus three systems greater than 100 kW in scale.

Local governments near Queanbeyan-Palerang have comparable levels of solar PV uptake. Councils in the north of the state, including Tweed, Moree Plains and Narrabri, have reached solar uptake levels of 35% to 42% and lead the way for NSW councils.

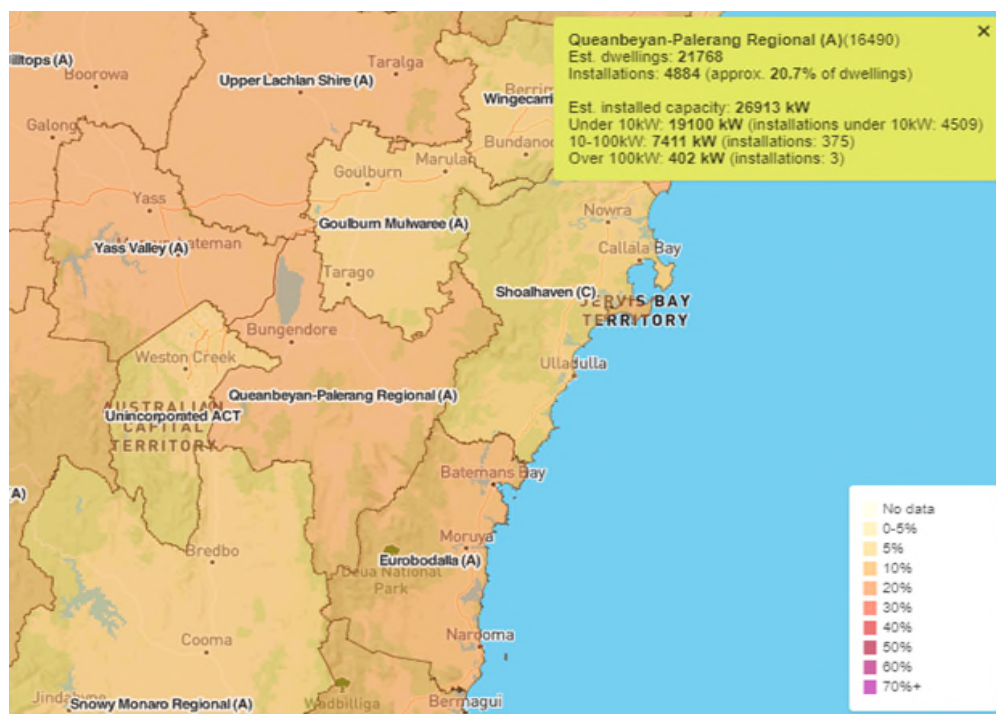


FIGURE 8: SOLAR PV UPTAKE BY QPRC (APVI 2020)

### 2.5.2. SURVEY RESULTS

QPRC ran a survey to gauge community attitudes about climate change and to get the community's recommendations on what Council should focus on in response to climate change, and what targets Council should adopt for its operations. The community's response to selected survey questions focused on Council's operations are summarised below, and highlight that:



## Council Operations Climate Change Action Plan

1. Climate change is very important to the community,
2. Council is currently not doing enough to address climate change,
3. The top five things that Council should prioritise are:
  - a. Increased usage of renewable energy,
  - b. Increased recycling and the reduction in waste going to landfill,
  - c. Protection of creeks and waterways,
  - d. Reduced energy usage,
  - e. Council leadership (e.g. leadership role in efficiency and renewables, setting targets)
4. Council should aim to be carbon neutral for its operations

These responses are illustrated below. \*Please note the below results do not represent the entire LGA community perspective.

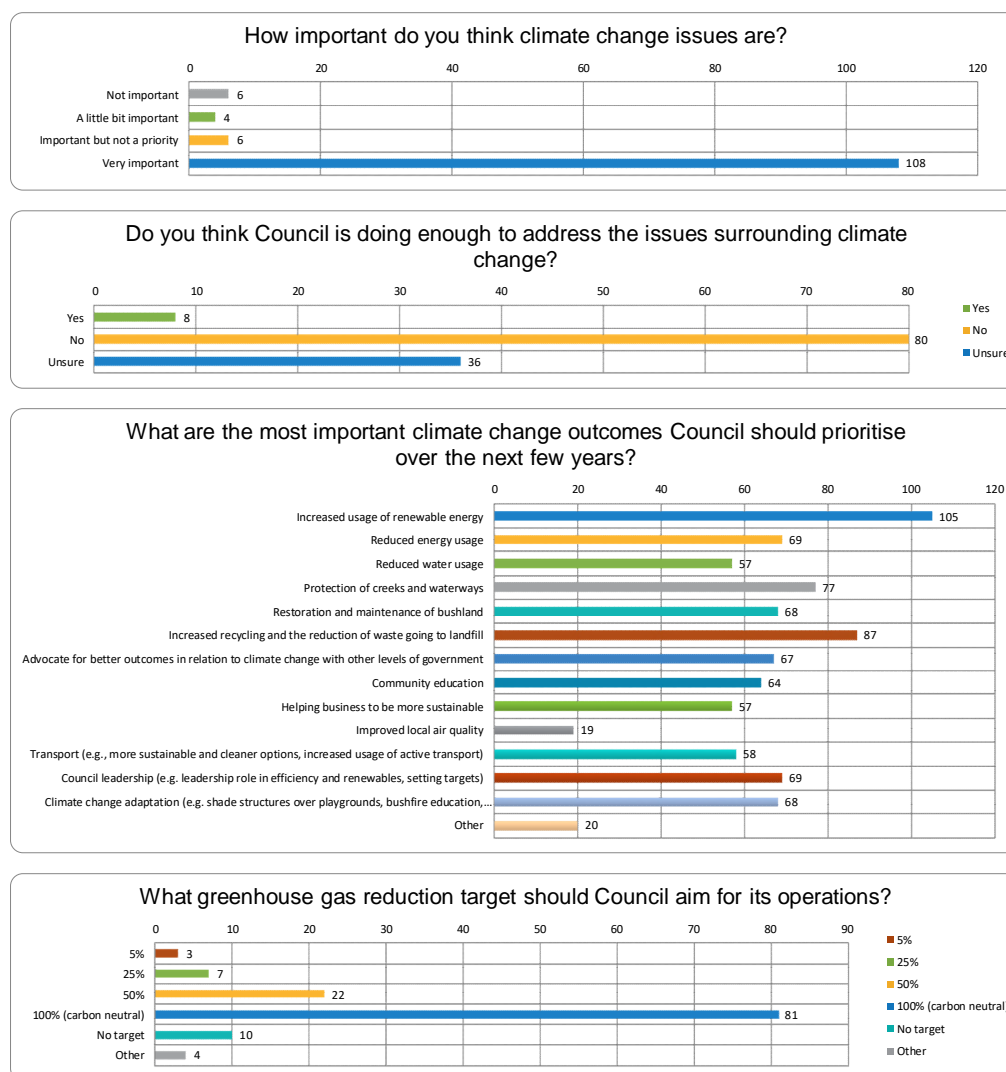


FIGURE 9: RESPONSES TO QPRC'S SURVEY – FOCUS AND TARGETS FOR COUNCIL





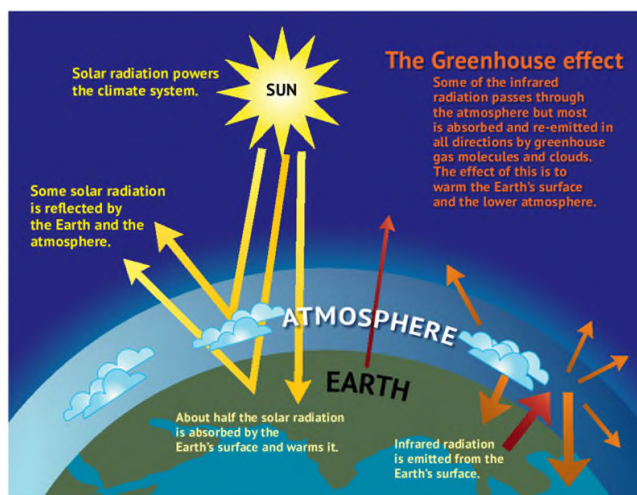
# **BROADER CONTEXT FOR CLIMATE CHANGE ACTION**



### 3. BROADER CONTEXT FOR ACTION ON CLIMATE

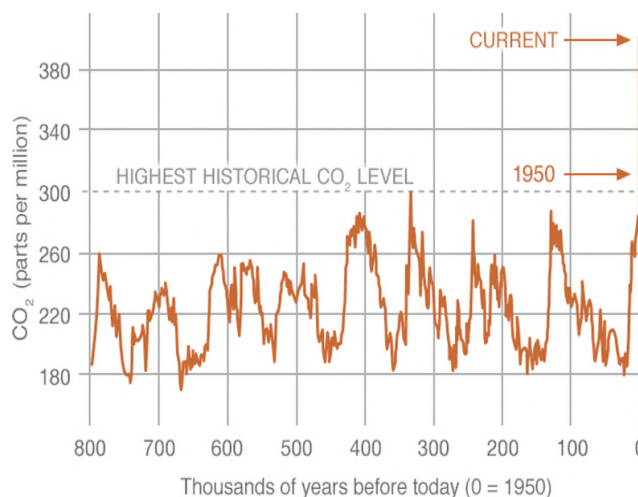
#### 3.1. WHAT IS CLIMATE CHANGE?

Climate is the set of averages, variation and extremes of weather in a region over long periods of time. Thirty years or more is the usual period for estimating average climate. Geological and historical records show that the earth's climate has always been dynamic, with change driven by natural cycles and events. However, over the last three centuries, since the beginning of the Industrial Revolution (mid-18th century) there is substantial evidence that the world has been rapidly warming (global warming) and the climate has been changing at a greater rate. Scientific evidence has found that it is extremely likely that human influence has been the dominant cause of the observed global warming and the resulting climate shift. Significant quantities of GHG's such as carbon dioxide (CO<sub>2</sub>), nitrous oxide and methane, have been added to the earth's atmosphere from activities such as the burning of fossil fuels, land clearing and waste disposal. This enhances the greenhouse effect by absorbing infrared radiation which heats the planet, resulting in the observed global warming and climate changes for example the increased frequency and severity of drought. The term climate change is now commonly used to refer to anthropogenic (human caused) climate change and global warming, rather than the result of natural processes.



**FIGURE 10: OVERVIEW OF THE GREENHOUSE EFFECT**

Sourced from: <https://climate.nasa.gov/>



**FIGURE 11: ATMOSPHERIC CO<sub>2</sub> CONCENTRATIONS PPM (LAST THREE GLACIAL CYCLES)**

Sourced from: <https://climate.nasa.gov/>

Data collected by the CSIRO shows that the concentration of carbon dioxide in our atmosphere in March 2020 was approximately 408.6 parts per million (PPM)<sup>1</sup>. The level of carbon dioxide in the Earth's atmosphere is now higher than at any time over the past 800,000—and possibly 20 million—years. Similarly, the levels of the other two GHG's, methane and nitrous oxide, have risen significantly in recent years.

Carbon dioxide and other GHG's were produced in NSW in 2017 by the following activities<sup>2</sup>:

<sup>1</sup> <https://www.csiro.au/en/Research/OandA/Areas/Assessing-our-climate/Latest-greenhouse-gas-data>

<sup>2</sup> Sourced from: <https://climatechange.environment.nsw.gov.au/About-climate-change-in-NSW/NSW-emissions>



- |                            |                  |                    |
|----------------------------|------------------|--------------------|
| * Stationary energy – 50-% | * Transport- 21% | * Agriculture- 15% |
| * Coal Mines- 11%          | * Industry- 10%  | * Waste- 2%        |
| * LULUCF- (negative) 10%   |                  |                    |

This accumulation of atmospheric GHG's is already having an economic, social and environmental impact. Some environmental changes are irreversible and if not addressed will have severe future implications. Furthermore, the costs of climate change inaction are likely to be significant with some models predicting that the Australian economy (GDP) could lose 130 billion per year if Paris Agreement targets are not met<sup>3</sup>.

### 3.1.1. EMISSION SCENARIOS AND SHARED SOCIOECONOMIC PATHWAYS

Representation Concentration Pathways (RCPs) are scenarios that describe alternative trajectories for a number of GHG's and the resulting atmospheric concentrations from 2000 to 2100. The four RCP scenarios as defined by the Intergovernmental Panel on Climate Change (IPCC) Assessment Report (AR) 5<sup>4</sup> are:

- RCP 2.6- Methane emissions reduced by 40%, CO<sub>2</sub> emissions decline by 2020 and become negative in 2100.
- RCP 4.5- Stable methane emissions, CO<sub>2</sub> emissions increase only slightly before decline commences around 2040.
- RCP 6.0- Stable methane emissions, CO<sub>2</sub> emissions peak in 2060 at 75 per cent above today's levels, then decline to 25 per cent above today.
- RCP 8.5- Characterized by increasing Methane and CO<sub>2</sub> emissions that lead to high concentrations overtime<sup>5</sup>.

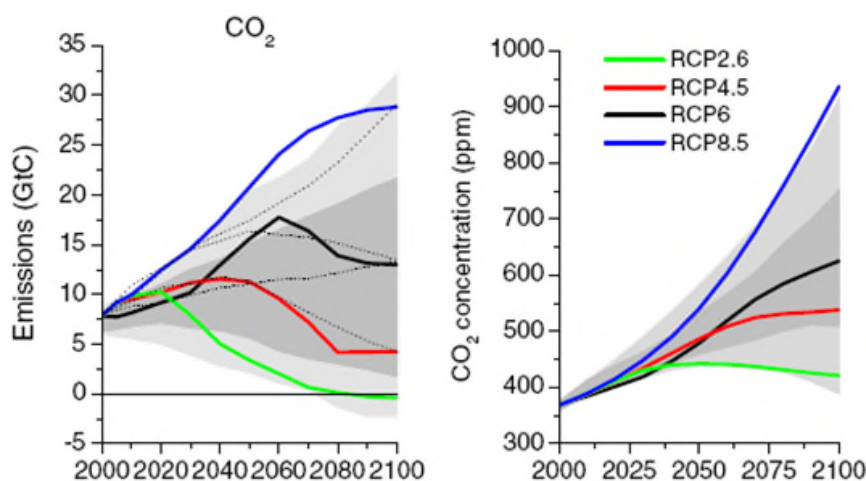


FIGURE 12: RCP SCENARIOS OF CO<sub>2</sub> EMISSIONS

The Intergovernmental Panel on Climate Change (IPCC) predicts an increase of global mean surface temperature by the end of the 21st century (2081-2100) relative to 1986-2005 is *likely* to be 0.3°C to 1.7°C under RCP2.6, 1.1°C to 2.6°C under RCP4.5, 1.4°C to 3.1°C under RCP6.0, and 2.6°C to 4.8°C under

<sup>3</sup> Sourced from: <https://www.tai.org.au/content/analysis-130-billion-year-benefit-gdp-avoiding-climate-change>

<sup>4</sup> <https://www.ipcc.ch/report/ar5/syr/>

<sup>5</sup> New Coast: Strategies for Responding to Devastating Storms and Rising Seas





RCP8.5<sup>6</sup>. Please note the IPCC are set to include three new RCP scenarios in the upcoming AR6 report (due to be released in 2021-2022) those being RCP 1.9, RCP 3.4 and RCP 7.0.<sup>7</sup>

Shared Socioeconomic Pathways (SSPs) are new 'pathways' that have been developed over the past decade that examine how global society, demographics and economics might change over the century. These SSPs are now being used as important inputs for the latest climate models, feeding into the IPCC AR6<sup>8</sup>. Each SSP looks at how the different RCPs could be achieved within the context of the underlying socioeconomic characteristics and shared policy assumptions of that world. The SSPs five alternative socio-economic futures comprise:

- SSP1: Sustainability- Taking the Green Road (Low challenges to mitigation and adaptation)
- SSP2: Middle of the Road (Medium challenges to mitigation and adaptation)
- SSP3: Regional Rivalry- A Rocky Road (High Challenges to mitigation and adaptation)
- SSP4: Inequality- A Road Divided (Low challenges to mitigation, high challenges to adaptation)
- SSP5: Fossil- fuelled Development- Taking the Highway (High challenges to mitigation, low challenges to adaptation)

When combined with the RCPs they provide a powerful framework to explore the space of future mitigation and adaptation pathways in terms of different levels of mitigation stringency and different assumptions about socioeconomic development<sup>9</sup>.

### 3.1.2. HOW CLIMATE CHANGE WILL AFFECT THE REGION

Using data and information from the *CSIRO* and *AdaptNSW*, in the future in a high emissions scenario (no action to reduce emissions) the Queanbeyan-Palerang area will be hotter, have more intense heat waves, and an increasing risk of flash floods, high intensity storms, fire, and drought. In addition, the region will also likely see a decrease in biodiversity, human health and water security issues and land use changes.

Based on long-term (1910–2011) observations, temperatures in the South East and Tablelands Region have been increasing since about 1960, with higher temperatures experienced in recent decades. The region is projected to continue to warm in the near future (2020–2039) and far future (2060–2079), compared to recent years (1990–2009). There will be more hot days and fewer cold nights. The warming projected for the region is large compared to natural variability in temperature.

The South East and Tablelands currently experience considerable rainfall variability across the region and from year-to-year - this variability is also reflected in the projections. However, all the models agree that spring rainfall will decrease in the future.

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<sup>6</sup> Sourced from: <https://www.ipcc.ch/report/ar5/syr/>

<sup>7</sup> Sourced from: <https://www.carbonbrief.org/>










<sup>8</sup> Sourced from: <https://www.carbonbrief.org/>

<sup>9</sup> Sourced from: <https://www.sciencedirect.com/science/article/pii/S0959378016300681>



Council Operations Climate Change Action Plan

TABLE 1: PROJECTED CLIMATE CHANGES FOR THE QPRC REGION

	2030: ↓	2060: ↓
	Projected <b>Temperature Changes</b>	
	Maximum temperatures are projected to <b>increase</b> in the near future by 0.5-1.3°C	Maximum temperatures are projected to <b>increase</b> in the far future by 1.5-3°C
	Minimum temperatures are projected to <b>increase</b> in the near future by 0.4–0.7°C	Minimum temperatures are projected to <b>increase</b> in the far future by 1.4–2.3°C
		The number of cold nights will <b>decrease</b>
		
	The number of hot days are likely to <b>increase</b> with an additional 1-5 days above 35°C projected for the region	The number of hot days are likely to <b>increase</b> with an additional 10-20 days above 35°C projected for the region
	The duration of warm spells (heat waves) is projected to <b>increase</b>	The duration of warm spells (heat waves) is projected to <b>significantly increase</b>
Projected <b>Rainfall Changes and Flash Floods</b>		
	Rainfall is projected to <b>decrease</b> in spring and winter and increase in summer and autumn	Rainfall is projected to <b>increase</b> in summer and autumn
	No change in 1 in 20-year rainfall events	<b>Small increase</b> in the number of 1 in 20-year rainfall events
Projected <b>Forest Fire Danger Index (FFDI) changes</b>		
	Average fire weather is likely to <b>increase</b> in summer and spring	Number of days with severe fire weather is projected to <b>increase</b> in summer and spring
Projected <b>High Intensity Storm</b> changes (including East Coast Lows)		
	Frequency of high intensity summer storms are projected to <b>increase</b> in the near future. High intensity winter storms are projected to slightly <b>decrease</b> in the near future.	
Projected <b>Time Spent in Drought</b> changes		
	Time spent in drought is likely <b>increase</b> over the course of the century	

Data obtained from the CSIRO<sup>10</sup> and Adapt NSW<sup>11</sup>

<sup>10</sup> <https://www.climatechangeinaustralia.gov.au/en/climate-projections/climate-futures-tool/introduction-climate-futures/>

<sup>11</sup> <https://climatechange.environment.nsw.gov.au/>



### 3.2. GLOBAL RESPONSE TO CLIMATE CHANGE

Internationally there are three primary drivers for urgent action on climate, additional to the second commitment period of the Kyoto Protocol from 2013 to 2020. These are:

1. Sustainable Development Goals (SDGs)
  - In 2015, countries adopted the 2030 Agenda for Sustainable Development and its 17 SDGs. Governments, businesses and civil society together with the United Nations are mobilising efforts to achieve the Sustainable Development Agenda by 2030<sup>12</sup>. The SDGs came into force on 1 January 2016 and call on action from all countries to end all poverty and promote prosperity while protecting the planet.
2. Paris Agreement
  - To address climate change, countries adopted the Paris Agreement at the Conference of the Parties (COP) 21 in Paris on December 25th, 2015. The Agreement entered into force less than a year later. In the agreement, signatory countries agreed to work to limit global temperature rise to well below 2° Celsius, and given the grave risks, to strive for 1.5° Celsius<sup>13</sup>.
3. IPCC Reports
  - In October 2018 in Korea, governments approved the wording of a special report on limiting global warming to 1.5°C. The report indicates that achieving this would require rapid, far-reaching and unprecedented changes in all aspects of society. With clear benefits to people and natural ecosystems, limiting global warming to 1.5°C compared to 2°C could go hand in hand with ensuring a more sustainable and equitable society. The report states that limiting warming to 1.5°C implies reducing CO<sub>2</sub> emissions by 45% by 2030 (from 2010 levels) and reaching net zero CO<sub>2</sub> emissions globally around 2050 with concurrent deep reductions in emissions of non-CO<sub>2</sub> forcers, particularly methane<sup>14</sup>.



FIGURE 13: GLOBAL CONTEXT FOR ACTION ON CLIMATE

<sup>12</sup> Sourced from <https://www.un.org/sustainabledevelopment/development-agenda/>

<sup>13</sup> Sourced from <https://www.un.org/sustainabledevelopment/climatechange/>

<sup>14</sup> Sourced from <https://www.ipcc.ch/sr15/>



## Council Operations Climate Change Action Plan

In addition, the World Economic Forum's Global Risks Report 2019<sup>15</sup> highlights adverse climate change-related outcomes as among the most likely to occur with the highest impacts to the global economy.

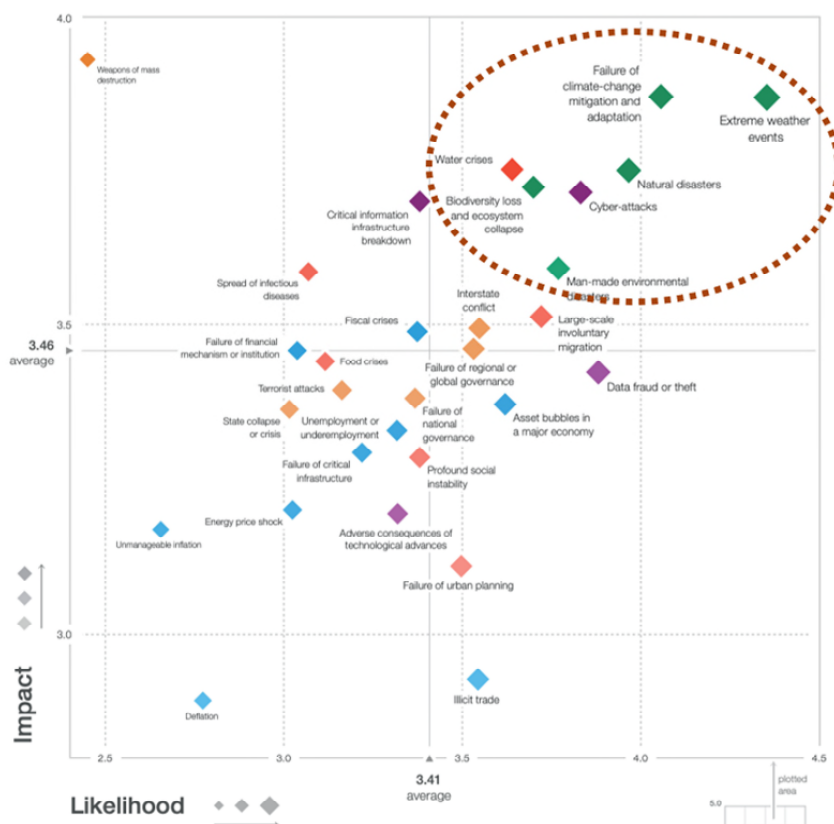


FIGURE 14: GLOBAL RISKS REPORT – LIKELIHOOD & IMPACT OF CLIMATE RISKS TO THE GLOBAL ECONOMY

### 3.3. NATIONAL, STATES AND TERRITORIES RESPONSE TO CLIMATE CHANGE

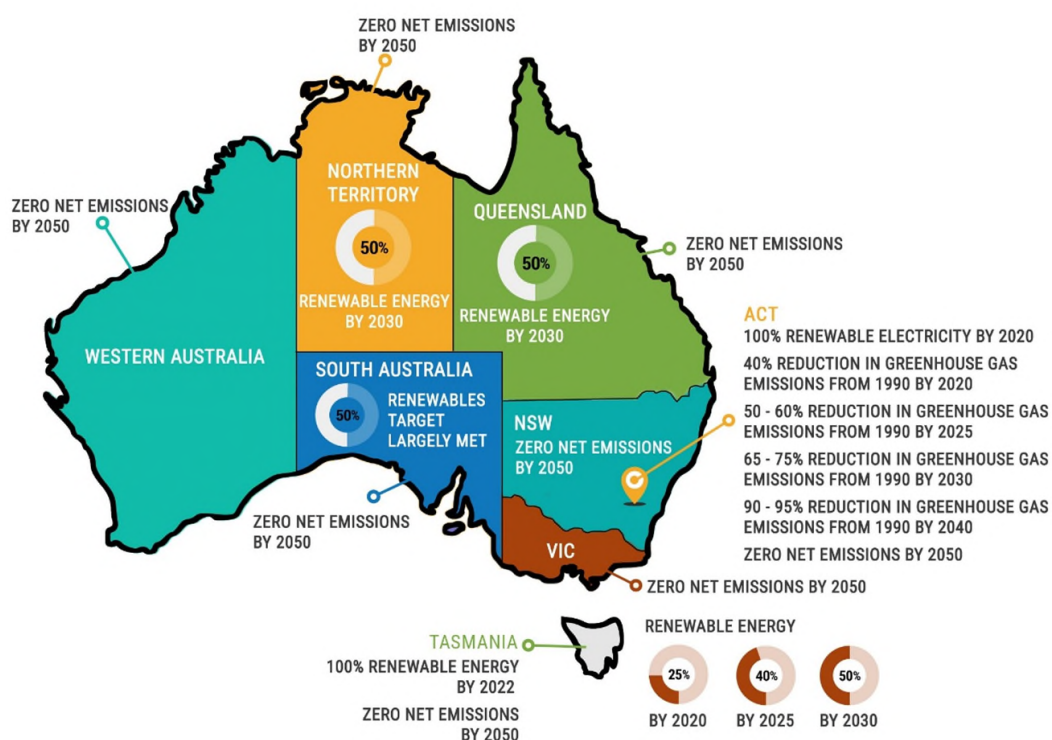
At a national level, Australia's response to the Paris Agreement has been to set a goal for GHG emissions of 5% below 2000 levels by 2020 and GHG emissions that are 26% to 28% below 2005 levels by 2030. A major policy that currently underpins this is the Renewable Energy Target (RET). This commits Australia to source 20% of its electricity (33,000 GWh p.a., estimated to equate to a real 23% of electricity) from eligible renewable energy sources by 2020. The scheme runs to 2030. These two key targets are illustrated below.

<sup>15</sup> <https://www.weforum.org/reports/the-global-risks-report-2019>



**FIGURE 15: AUSTRALIA'S RENEWABLE ENERGY AND EMISSION REDUCTION GOALS – NATIONAL LEVEL**

At a sub-national level, most states and territories have established emissions targets as well as some legislated targets for renewable energy, as seen below.



**FIGURE 16: AUSTRALIA'S RENEWABLE ENERGY AND EMISSION REDUCTION GOALS – STATE & TERRITORY LEVEL**



### 3.3.1. NSW RESPONSE

The NSW Government is committed to effective action on climate change and has developed a wide range of policies, strategies, and frameworks to reduce emissions and adapt to a changing climate.

#### NSW Climate Change Policy Framework<sup>16</sup>

Outlines the State's target of reaching net-zero emissions by 2050. This helps to set expectations about future GHG emissions pathways to help others to plan and act.

#### Net Zero Plan Stage 1: 2020–2030<sup>17</sup>

This is a big milestone that sees the first of three 10-year plans released that will set a pathway to net zero emissions by 2050 by creating new jobs, cutting household costs and attracting investment.

Some of the key highlights and priorities of the Plan include:

- Commits NSW to reducing State emissions (from 2005 levels) **by 50% by 2030 & net zero by 2050** and articulates that this is a shared responsibility. There is a clear expectation that all business sectors, individuals, and governments must play their part.
- Drives uptake of proven emissions reduction technologies that grow the economy, create new jobs, and reduce the cost of living, by;
  - Establishing a \$450 million Emissions Intensity Reduction Program & \$450 million Climate Solutions Fund to support business, farms, and land managers to transition to low emissions alternatives and undertake low-cost actions to reduce emissions.
  - Providing an additional \$1.07 billion in funding via both NSW and Commonwealth Governments for a range of measures.
  - Commits to a net zero emissions target for organic waste by 2030.
  - Establishes an Energy Security Safeguard (Safeguard) to extend and expand the Energy Savings Scheme and Programs.
  - Expanded Electric and Hybrid Vehicle Plan with the Electric Vehicle Infrastructure and Model Availability Program to fast-track the EV market in NSW.
  - Primary Industries Productivity and Abatement Program to support primary producers and landowners to commercialise low emissions technologies.
  - Development of a Green Investment Strategy, with Sydney as a world leading carbon services hub by 2030.
- Empowers consumers and business to make sustainable choices
  - Enhancement of the EnergySwitch service by allowing consumers to compare the emissions performance of energy retailers.
  - Advocate to expand NABERS to more building types and improve both the National Construction Code and BASIX.
- Invests in the next wave of emissions reduction innovation
  - To boost commercialisation of low-emissions hydrogen production and applications, the NSW Government will establish a Hydrogen Program that will help the scale-up of hydrogen as an energy source and feedstock. The NSW Government will set an aspirational target of up to 10% hydrogen in the gas network by 2030.

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<sup>16</sup> <http://www.environment.nsw.gov.au/topics/climate-change/policy-framework>

<sup>17</sup> © State of New South Wales 2020. Published March 2020





## Council Operations Climate Change Action Plan

- Establishment of a Clean Technology Program to develop and commercialise emissions reducing technologies that have the potential to commercially out-compete existing emissions-intense goods, services and processes.
- Ensures the NSW Government leads by example.
  - Aligning action by government under GREP with the broader state targets through clear targets for rooftop solar, EVs, electric buses, diesel-electric trains, NABERS for Government buildings, power purchasing and expansion of national parks
- Attracts up to \$37 billion in private investment.

**Council will continue to work with and support the NSW Government in their goal to reduce the States (communities) emissions by 50% by 2030 (from 2005 levels) and net zero emissions by 2050. This will be aided through the delivery and implementation of the QPRC Climate Change Action Plans 2020-2030.**

### Climate Change Fund (CCF) 2017-2022 Draft Strategic Plan

Established to address the impacts of climate change, encourage energy and water saving activities and increase public awareness and acceptance of climate change. Several initiatives are currently being progressed with a total funding allocation of \$170 million. The five major initiatives being developed include:

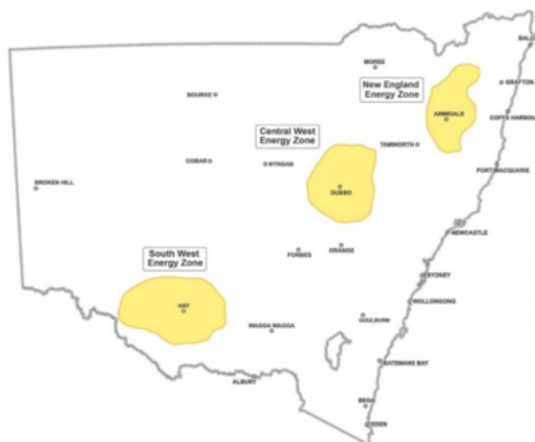
1. supporting regional community energy projects and community energy hubs to give communities more control, avoid costly infrastructure upgrades and reduce rural energy costs.
2. supporting feasibility studies and commercialisation of emerging energy projects including pumped hydro generation and utility-scale batteries, with potential co-funding from the Australian Renewable Energy Agency, to bring forward private sector investment to support the next generation of energy and storage projects in NSW.
3. providing small incentives to coordinate assets such as home and electric vehicle storage to beat energy peaks and provide household demand response to the grid, as highlighted by AEMO and the NSW Energy Security Taskforce as a key priority for system security.
4. supporting energy storage in state-owned sites, such as schools, to lower peak demand and potentially attract investment in local manufacturing.
5. increasing the energy-savings for eligible recipients of the Low-Income Household Rebate by allowing them to opt-out of the rebate and install a solar system on their roof. This would add solar capacity to the grid and more than double the energy-savings for the households involved.

### NSW Electricity Strategy & NSW Electricity Infrastructure Roadmap

Sets out the NSW Government's plans to transform the electricity system into one that is affordable, clean, and resilient through investment in generation, storage and firming infrastructure and making it easier to do energy business in NSW. Importantly the plans set out to deliver the state's first 5 Renewable Energy Zones (REZs) in the Central-West Orana, New England, South-West, Hunter-Central Coast, and Illawarra regions. These REZs will play a vital role in delivering affordable, reliable energy generation to help replace the State's existing power stations as they come to their scheduled end of operational life.

The Central-West Orana, New England, and South-West REZs will unlock a significant pipeline of large-scale renewable energy and storage projects, while supporting up to \$20.7 billion of private sector investment in the regions and over 5000 construction jobs at their peak.

**FIGURE 15: INDICATIVE RENEWABLE ENERGY ZONES**



### **NSW Electric Vehicle Strategy**

The NSW Electric Vehicle Strategy is the NSW Government's plan to accelerate the State's vehicle fleet of the future. It outlines the government's commitments to increasing the uptake of electric vehicles to ensure New South Wales shares in the benefits. The Strategy is intended to increase EV sales to 52% by 2030–31 and help NSW achieve net-zero emissions by 2050.

### **NSW Hydrogen Strategy**

The NSW Hydrogen Strategy brings together the NSW Government's existing and new policies into a framework to support the development of a commercial green hydrogen industry in NSW. The strategy, which will provide up to \$3 billion in incentives is set to attract more than \$80 billion in investment and drive deep decarbonisation. In addition to delivering an already committed \$70 million to develop the State's hydrogen hubs in the Illawarra and the Hunter, the strategy includes:

- Exemptions for green hydrogen production from government charges.
- A 90% exemption from electricity network charges for green hydrogen producers who connect to parts of the network with spare capacity.
- Incentives for green hydrogen production.
- A hydrogen refuelling station network to be rolled out across the State.

### **Adapt NSW**

The NSW Department of Planning Industry and Environment (DPIE) has developed the AdaptNSW program and website<sup>18</sup> which offers a range of regionally and state based information and data about climate change impacts, projections and how businesses, governments and communities can adapt to future conditions.

## **3.4. NSW LOCAL GOVERNMENTS RESPONSE TO CLIMATE CHANGE**

While there are a large number of examples of what local governments around the world are doing, we focus here on Australia and on New South Wales in particular, as this is broadly representative of what is occurring in many other countries or regions. Two approaches in particular are relevant.

<sup>18</sup> <https://climatechange.environment.nsw.gov.au/>





## Council Operations Climate Change Action Plan

1. Adoption and publication of ambitious targets for renewable energy and/or emissions for Council operations, and potentially adopting or setting targets for renewables or emissions reduction in the community.
  - a. The chart below shows the current status of target-setting by local councils in NSW (as at September 2020). A total of 33 councils and towns, plus the ACT have set ambitious goals for renewable energy and/or emissions – typically 50-100% renewable energy or renewable electricity, and some net zero emissions targets are seen.
  - b. Typically, Councils set targets following a period of analysis of their data and information, and/or consultation with their stakeholders.
  - c. Other councils have developed plans and have adopted internal targets but have not publicly released these at this time.
2. Partnering with local government-focused emission reduction programs such as the Cities Power Partnership (CCP), as of May 2019 43, NSW local councils were part of CPP. While this does not involve setting specific targets per se, the commitment to key actions can either serve as a set of de facto targets or can provide a basis from which to set targets in future.

There has been a trend towards staged and evidence-based target setting compared with aspirational targets that may set the goal first to reflect what is required to decarbonize and then develop the plan to fit this goal.

There has also been a small but increasing trend towards examining the scope for renewables and abatement in communities, in terms of local action and how communities can participate more in the shift to renewable energy at scale. This is being informed by greater awareness of the need to act on climate, growing accessibility of information on community emissions, and the desire to ensure that communities and local business are part of and benefit from technology changes that are occurring.

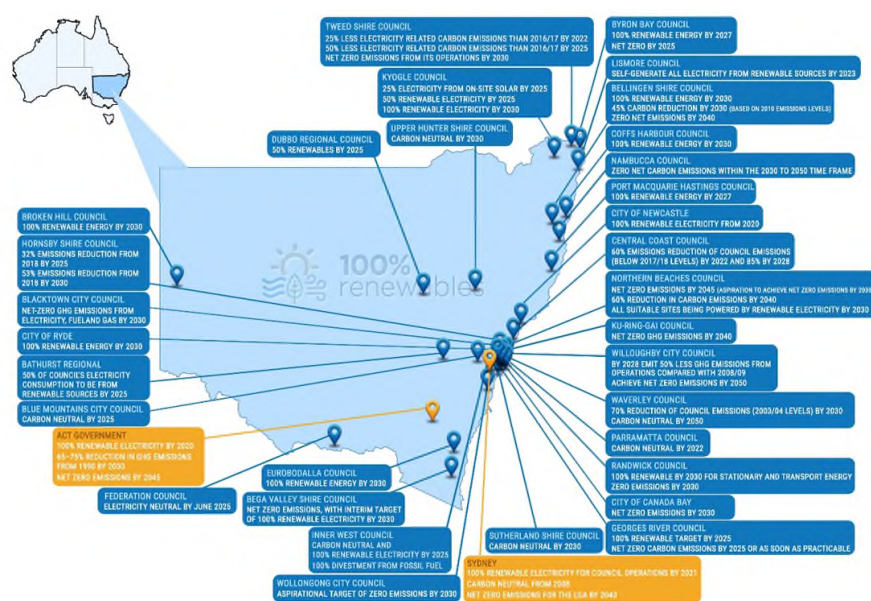


FIGURE 16: RENEWABLE ENERGY & EMISSION REDUCTION TARGETS BY NSW COUNCILS AND COMMUNITIES



### 3.5. Queanbeyan-Palerang Targets

QPRC has adopted the following emissions reduction targets for its internal operations (as established in the QPRC Operations Sustainability Policy) and the QPRC community. These targets are:

**Energy & Transports Emissions (Council Operations):** 30% reduction in total greenhouse gas emissions by 2025 from 2012-13 baseline levels. This is in-line with the Moderate (45% reduction by 2030) Emissions Reduction Pathway stated in this document.

**Community Emissions:** support the NSW Government in their goal to reduce the States (communities) emissions by 50% by 2030 (from 2005 levels) and net zero emissions by 2050.





# PAST CLIMATE CHANGE ACTION PLANS





## 4. PAST CLIMATE CHANGE PLANS AND PERFORMANCE OF QPRC

### 4.1. COMMUNITY CLIMATE CHANGE ACTION PLAN 2013-17

The Community Climate Change Action Plan (CCCAP) 2013-2017 was developed by Queanbeyan City Council (QCC) to recognise and address climate change through a local response. The CCCAP formed a framework for Council and the community to work together on addressing climate change issues. A separate plan was developed for Council operations (The QCC Operational Climate Change Action Plan). The overall objectives of the plan were:

- a significant reduction of waste, energy use and fuel consumption in Queanbeyan
- the implementation of positive actions to increase community resilience, confidence and resolution in dealing with the challenges of climate change and realising the benefits and opportunities that result from those actions.

The 'Aspirational goal' of the plan was for **'Council and the community partner to work together for a significant reduction in Queanbeyan's Greenhouse Gas emissions by 2020'**. This 'goal' would be likened to at least a 25% reduction in emissions and was established based on feedback from the community.

Difficulty in obtaining accurate data for many of the actions was a challenge to monitor in terms of actual GHG savings. Hence the aspiration goal of at least a 25% reduction in Queanbeyan GHG's was unable to be verified. Some major highlights included:

- Googong Sustainable Housing Project
- ActSmart Program for Local Businesses
- Education Campaigns e.g. Hey Tosser and Garage Sale Trail

### 4.2. COUNCIL OPERATIONS CLIMATE CHANGE ACTION PLAN 2013-17

The Council Operations Climate Change Action Plan 2013-2017 (CCAP) was developed by QCC to recognise and address climate change through a local response. The aim of the plan was to set out a baseline and understanding of Council's emissions sources, establish a realistic yet ambitious target for reducing these emissions and put forward practical actions to achieve these targets.

Discussions with staff led to the development of a target of 25% reduction in total Council GHG emissions from the 2009/2010 baseline by 2020. Some major highlights included:

- Installation of solar power on a number of Council facilities and buildings
- Integration of the action plan into a number of Council policies
- Development of a Council Sustainable Building Design Policy



#### 4.2.1. REVIEW OF THE COUNCIL OPERATIONS CLIMATE CHANGE ACTION PLAN 2013-17

A review was carried out in 2018-19 of the Council Operations CCAP. This found that a total of 17 actions had been completed, 30 actions are ongoing, one was unsuccessful and 10 had not progressed.

Actions that were assessed as completed include:

- Transport: staff education of low emissions driving and use of technology to lower kilometres travelled, and the creation of a car-pooling register for Council staff.
- Energy efficiency: completed energy audits of all major buildings, implement priority findings from energy audits, procure high star-rated IT equipment, implement energy efficiency measures at the Queanbeyan swimming pool, and make a staff member accountable for energy management.
- Alternative energy: install solar hot water for the Queanbeyan swimming pool and review the case for continued investment in GreenPower® compared with other renewable energy strategies.
- Street lighting: work with SEROC and other Councils to negotiate with street light network providers for a fair price for future lamp replacements.
- Waste: Improve recycling and reuse rates in Council operations and roll out public place recycling to City public areas.
- Land use planning and development: develop an education program for residents to encourage 'green' building (Sustainable Googong Project).
- Governance: integrate CCAP actions into existing operational and work plans and policies, investigate incentives under the Renewable Energy Target and the NSW Energy Savings Scheme, allocate staff resources for sustainability initiatives and planning, and induct & train staff in Council's sustainability policies and initiatives.

Selected actions that are continuing at the conclusion of the 2013-17 Plan include:

- Investigation of EV and prioritisation of low emissions and fuel-efficient vehicles when purchasing new fleet vehicles.
- Progressively upgrading to more energy efficient air conditioning and passive energy efficiency measures in Council's main buildings.
- Ensuring sustainable building policies and objectives are implemented in new building design, particularly the new Queanbeyan Civic and Cultural Precinct.
- Implementation of solar PV systems at Council facilities – to date more than 382 kW of capacity has been installed at 14 sites across the QPRC municipality.
- Investigation of offsite / large-scale renewable energy potential in the LGA or in partnership with neighbouring councils.
- Evaluate costs and benefits to upgrade to LED technology and smart controls for streetlights in line with planned bulk upgrades.
- Assess opportunities for reduced energy intensity and consumption, and for renewable energy as part of all water and sewer upgrades.

A full review of the performance of the CCAP for Council's operations was submitted to Council during 2018-19.



# OPERATIONAL CARBON FOOTPRINT





## 5. CARBON FOOTPRINT OF QUEANBEYAN-PALERANG REGIONAL COUNCIL

### 5.1. EMISSIONS BOUNDARY

The focus of this Council CCAP is energy-related, including electricity, natural gas and vehicle fuel used by Council in its operations. Emissions from these sources are included across all “scopes” – that is:

- Scope 1: direct combustion of fuel on Council sites or in Council vehicles,
- Scope 2: electricity supplied to Council’s sites from the grid, and
- Scope 3: upstream emissions associated with the provision of energy and streetlighting services to Council

Council’s activities, including waste management, planning, infrastructure and the like all influence emissions by the Queanbeyan-Palerang LGA. These emissions are reported in the Community CCAP, together with proposed strategies and actions to reduce emissions and adapt to climate change impacts on the region.

### 5.2. QPRC’S 2017-18 ENERGY AND CARBON FOOTPRINT

Data supplied by Council was used to develop QPRC’s energy and carbon footprint for the financial year 2017-18. This is tabulated below. Overall, this shows that Council operations consumed 77,681 gigajoules (GJ) of energy, resulting in GHG emissions of a little over 12,000 tonnes of carbon dioxide equivalent (t CO<sub>2</sub>-e).

This equates to 1.45% of the total estimated GHG emissions by the Queanbeyan-Palerang LGA.

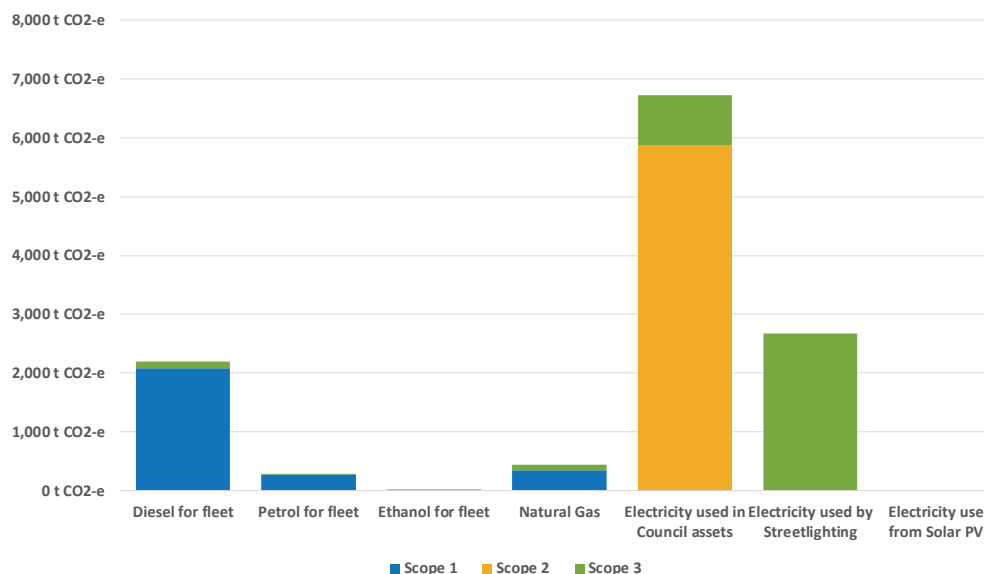
TABLE 2: QPRC ENERGY & CARBON FOOTPRINT 2017-18

Emission Source	Energy (GJ)	Activity Data	Units	Scope 1	Scope 2	Scope 3	Total t CO <sub>2</sub> -e
Diesel for fleet	29,527	764.95	kL	2,082		106	2,188
Petrol for fleet	4,150	121.33	kL	281		15	296
Ethanol for fleet	62	2.63	kL				
Natural Gas	6,815	6,815	GJ	351		93	444
Electricity used in Council assets	25,476	7,076,676	kWh		5,874	849	6,723
Electricity used by Streetlighting	10,141	2,817,017	kWh			2,676	2,676
Electricity use from Solar PV	1,510	419,468	kWh				
<b>TOTAL:</b>	<b>77,681</b>			<b>2,714</b>	<b>5,8074</b>	<b>3,739</b>	<b>12,327</b>

Energy use and emissions from Council’s operations are dominated by electricity from the grid, used to supply Council’s assets / facilities as well as streetlights (which are owned by Essential Energy but paid for by Council). This is illustrated in the chart below.



## Council Operations Climate Change Action Plan



**FIGURE 19: QPRC ENERGY & CARBON FOOTPRINT 2017-18**

This chart shows that 76% of Council's emissions are related to electricity consumption, with 18% due to diesel fuel consumption by Council's road plant and trucks. Just 6% of emissions result from the consumption of natural gas for heating and petrol for Council's passenger vehicle fleet.

### 5.3. ENERGY END USE IN COUNCIL OPERATIONS

It is useful to develop an understanding of the end use of energy in order to inform the identification and development of opportunities to reduce emissions.

- Diesel and petrol are used for heavy / light commercial and for passenger vehicles, respectively.
- Natural gas is used for water heating, with 67% consumed for pool heating at Queanbeyan Aquatic Centre, and 26% consumed at the Queanbeyan Bicentennial Hall and Q Centre.
- Based on the carbon footprint the primary focus of the CCAP for QPRC Operations is on electricity demand. The charts below highlight the following:
  - The top 10 grid-electricity consuming sites (including streetlighting) account for 70% of grid electricity demand and 67% of all electricity demand with solar PV included. Of these streetlighting and wastewater are the major energy-using accounts.
  - Solar PV accounts for 4% of electricity. Water and wastewater consume 41% of all electricity, while facilities consume 28% and streetlighting 27% (all excluding solar).
  - Understand end-use of electricity is important as it can help to target areas for identification and evaluation of abatement opportunities. An analysis of electricity use drawing on experience from previous audits and other Councils indicates that electric motors (mostly associated with water and wastewater pumping and aeration), and lighting (for streets, buildings, parks) are the dominant uses of electricity.



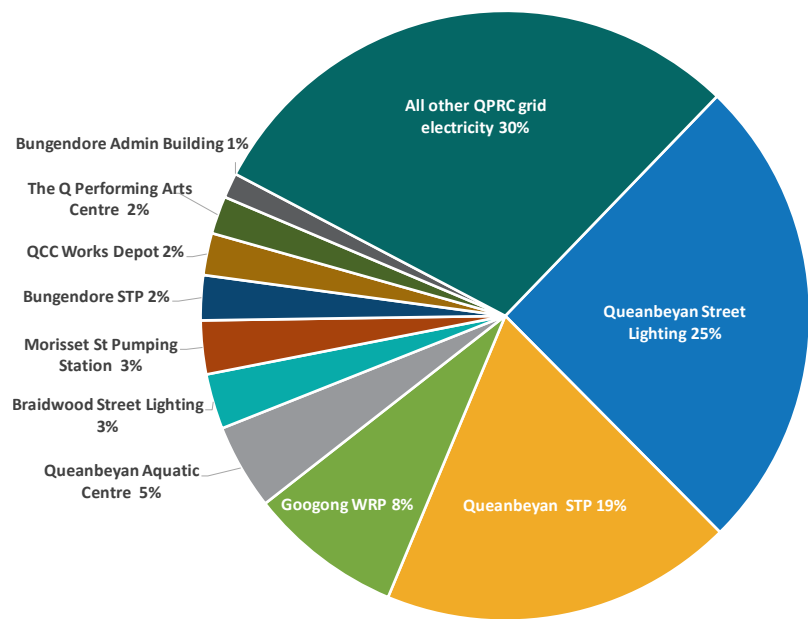


FIGURE 20: QPRC GRID ELECTRICITY USE BY TOP 10 SITES

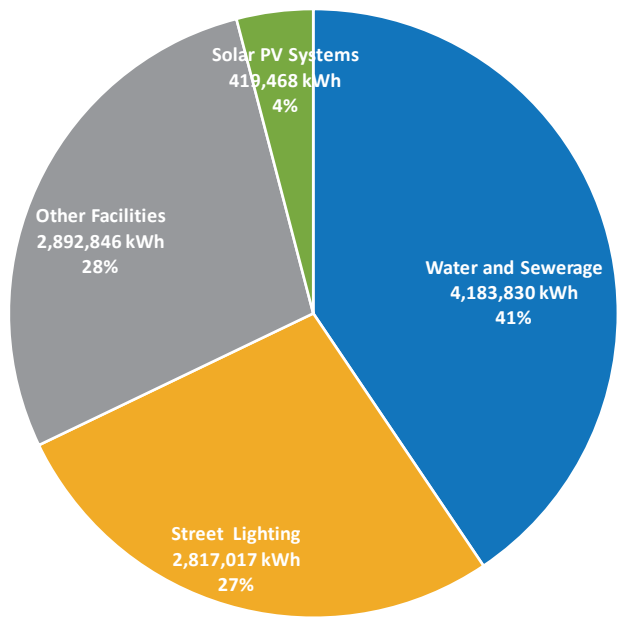


FIGURE 21: QPRC ELECTRICITY BY ASSET CATEGORY PLUS SOLAR PV CONTRIBUTION



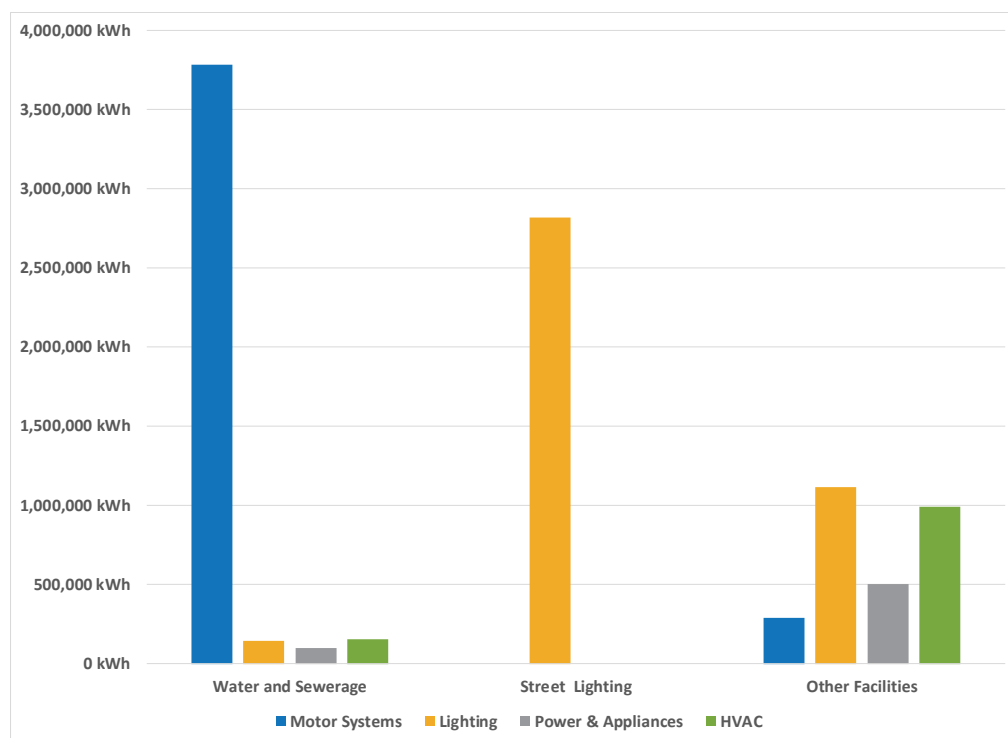


FIGURE 22: QPRC ELECTRICITY END USE ESTIMATE (EXCLUDING SOLAR PV)

#### 5.4. QPRC FORECAST BUSINESS-AS-USUAL CARBON FOOTPRINT

The Queanbeyan-Palerang region is a growth area, and as such energy demand and emissions in Council's operations to service the LGA will not remain static.

Three factors have been modelled to estimate Council's future demand for fossil-fuel energy and associated emissions in the absence of further abatement action by Council.

These include:

- Population growth as estimated by profile.id drawing on 2016 census data and projections to 2036,
- Advised major asset changes to occur within Council's portfolio – specifically major new-build and expansion projects that will have a material impact on selected assets' energy demand, and
- Grid decarbonisation – both the Renewable Energy Target (RET) and most forecasts of long term (2050) carbon intensity of the electricity grid show a pathway towards a grid that is largely supplied by renewables





#### 5.4.1. POPULATION

Current population of fewer than 60,000 is expected to grow to almost 80,000 by 2036, a growth rate of more than 1% per year. This can impact on Council's energy demand in a number of ways – through the increased demand for water and wastewater services, more road maintenance and parks maintenance, new street lighting for new sub-divisions, and higher demand for Council's community services facilities, sporting fields and the like. The following growth forecasts were applied:

- Council facilities and fleet 1% per annum increase
- Street lighting 0.5% per annum increase

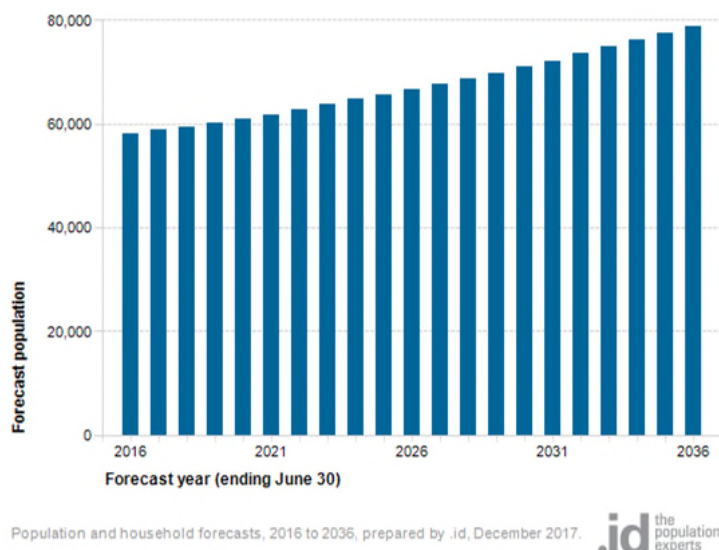


FIGURE 23: QPRC POPULATION GROWTH FORECAST TO 2036, BY .ID DECEMBER 2017

#### 5.4.2. MAJOR ASSET CHANGES

The following asset changes are planned and/or expected to occur and will influence energy demand beyond any business as usual (BAU) growth projections.

- Rebuilding of the Queanbeyan Wastewater Treatment Plant – despite an upgrade to a 60,000 EP from the present 40,000 EP plant it is expected that significant energy efficiencies can be achieved, and a new plant with 25% less energy demand is forecast from 2023-24,
- Googong Water Reclamation Plant energy demand will grow in line with population growth. For this projection, a doubling of energy demand is forecast from 2023-24 to 2025-26,
- Several facilities in Queanbeyan (mainly Crawford Street and Rutledge Street) will no longer be used for Council operations from 2024-25, following the expected completion of the Queanbeyan Civic and Cultural Precinct.
- Construction of the new Queanbeyan Civic and Cultural Precinct, forecast to consume 300 MWh per year from 2024-25, plus the construction of the new waste transfer station in Braidwood.



### 5.4.3. GRID DECARBONISATION

For NSW, a mid-range forecast is made of grid carbon intensity based on:

- Achievement of the RET of 20% renewables for the state by 2020,
- Reaching 80% renewables for the NSW grid by 2050, with a straight-line decrease in emissions from 2020 to 2050, and a pro-rated decrease by 2030, the end year for this Action Plan

There is uncertainty in the timing and scale of grid decarbonisation due to policy and consequent investment risk, and due to the lifetime of coal-fired power stations in the grid. However, there is little doubt that the vast majority of proposed and committed new electricity generation is from solar, wind, hydro and battery technologies, as shown below from AEMO. It is recommended that Council maintain a watch on grid emissions intensity for NSW and the NEM in coming years and take updated projections of grid decarbonisation into account when this Action Plan is renewed.

If grid decarbonisation were forecast in future to be slower than is estimated here, then Council's abatement efforts may need to be raised to meet targets. If purchasing electricity from renewables forms part of Council's strategy, then the level of RE purchases could simply be raised. However, if onsite solar and energy efficiency forms all of council's response and buying renewables is excluded, Council may need to revise its implementation plans for efficiency, solar and battery storage to meet its targets.

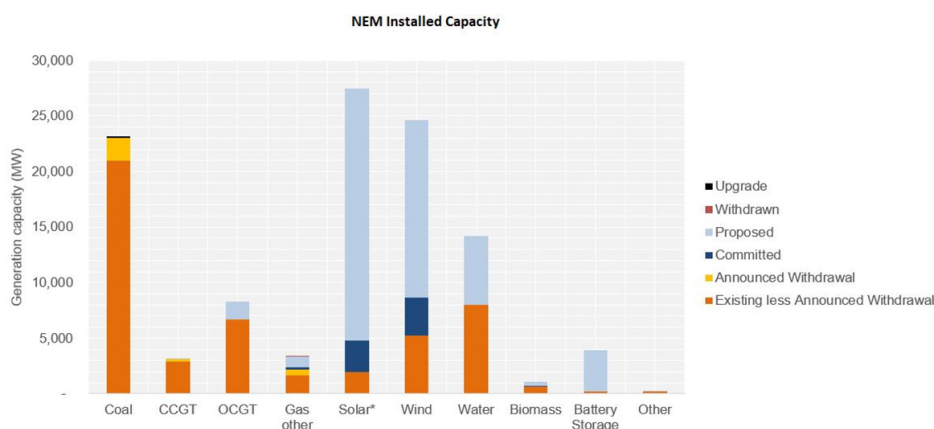


FIGURE 24: NATIONAL ELECTRICITY MARKET – CURRENT, PROPOSED AND COMMITTED GENERATION AT 2019<sup>19</sup>

### 5.4.4. NET PROJECTED ENERGY DEMAND AND GHG EMISSIONS FOR QPRC

Applying the above changes to the base year energy in 2017-18 sees the following outcome.

- An overall increase in energy demand from 77,681 GJ to 87,610 GJ in 2030, a 13% increase,
- Growth underpinned by a 17% increase in electricity demand by Council's assets (excluding streetlighting)

<sup>19</sup> <https://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Planning-and-forecasting/Generation-information>



## Council Operations Climate Change Action Plan

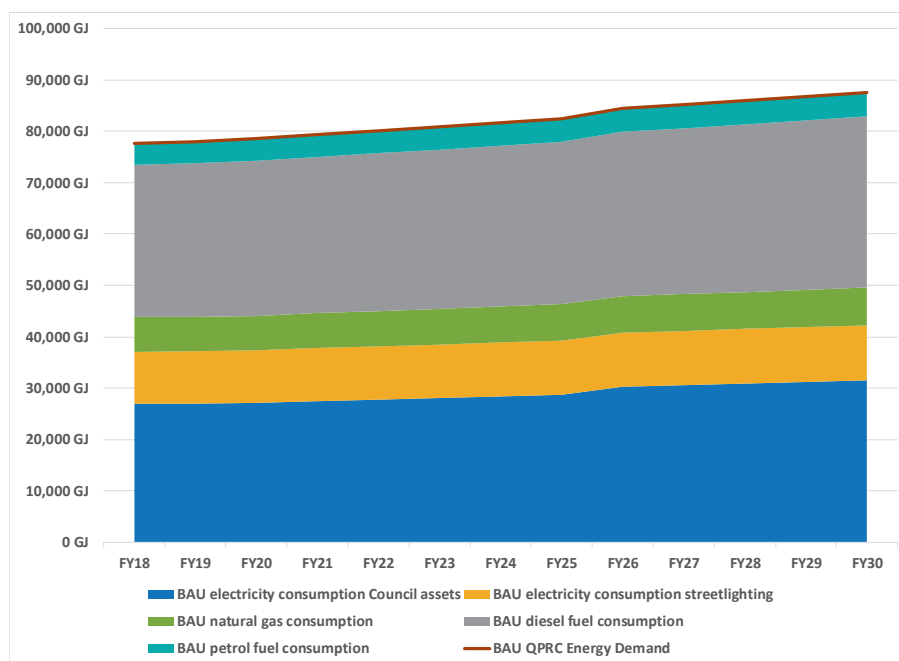


FIGURE 25: QPRC BAU ENERGY DEMAND GROWTH 2017-18 TO 2029-30

However, owing to the potential changes to the carbon intensity of the electricity grid, QPRC's business-as-usual GHG emissions may decrease by 9% by 2030.

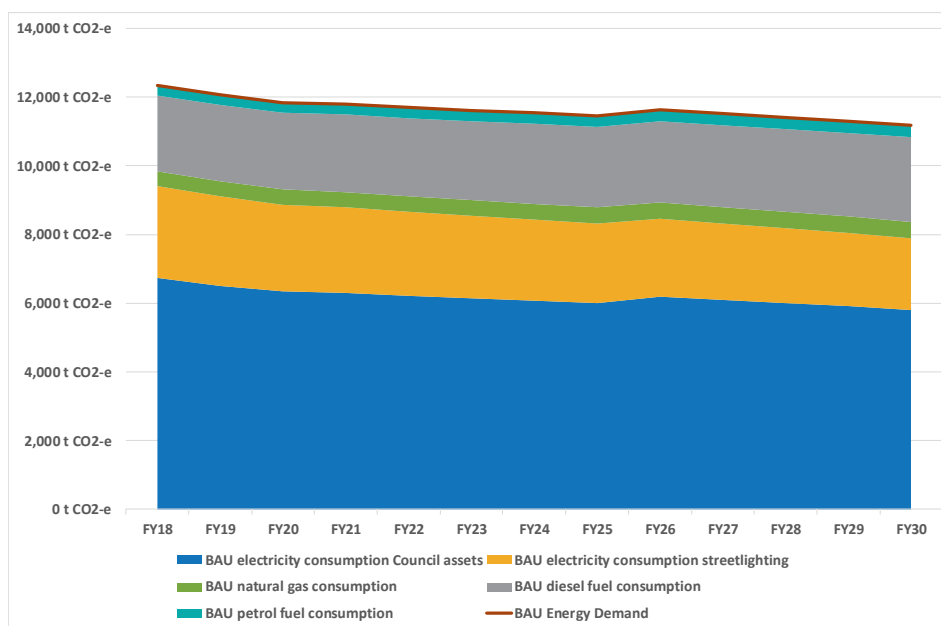


FIGURE 26: QPRC BAU EMISSIONS DEMAND CHANGE 2017-18 TO 2029-30





# COMMUNITY INPUT





## 6. Public Exhibition

Following the public exhibition period (December 2019-March 2020), the online data analysis indicates that a total of 918 visits occurred on the 'Your Voice-QPRC Climate Change Action Plans' webpage with 586 visitors downloading the documents. Of these visitors, 41 participants responded to survey questions shown below. Most participants live in Queanbeyan-Palerang and were mostly from Queanbeyan, Bungendore, and Braidwood.

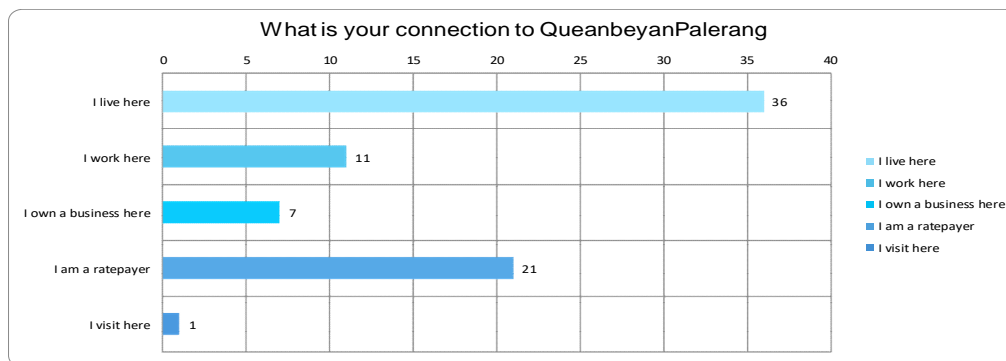


FIGURE 27: PUBLIC EXHIBITION – CONNECTION TO QUEANBEYAN-PALERANG

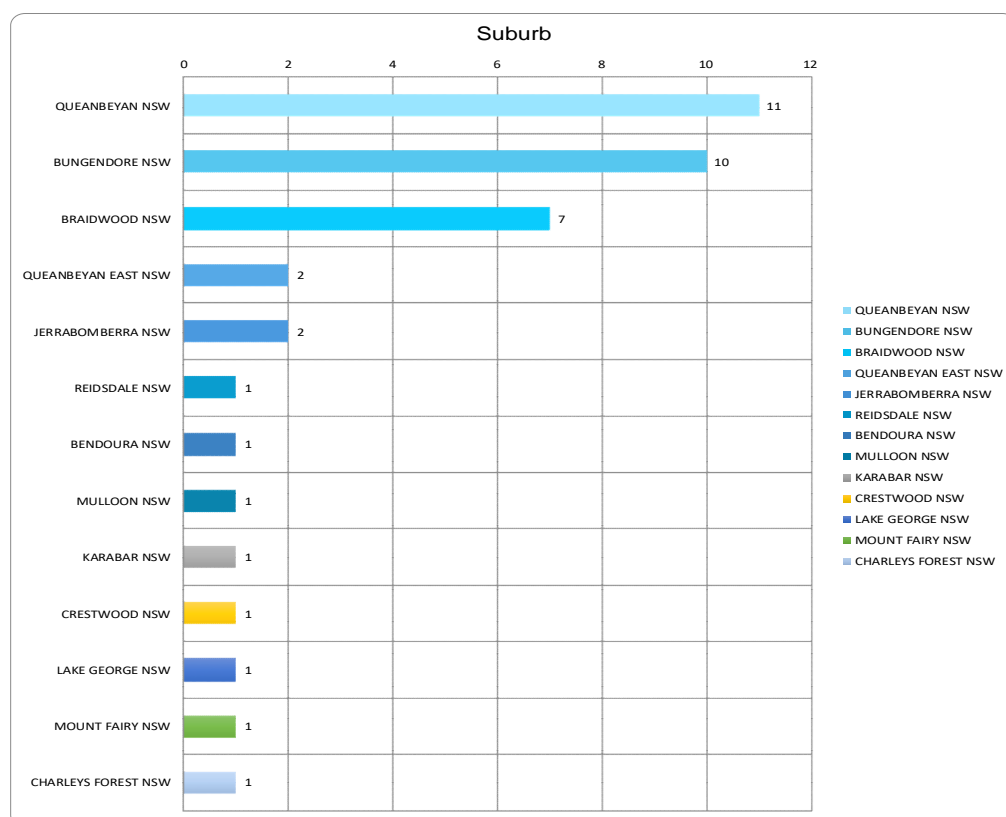


FIGURE 28: PUBLIC EXHIBITION – LOCATIONS OF RESPONDENTS



## Council Operations Climate Change Action Plan

During the course of public exhibition Council received a total of 32 written submissions and 40 'Your Voice' comments from the community and Council staff on the Community Climate Change Action Plan and the Council Operations Climate Change Action Plan. The majority of respondents indicated that they are in support of the plans proposed, with 60% indicating that they would like to see ambitious action taken by Council. The results of the responses are summarised below.

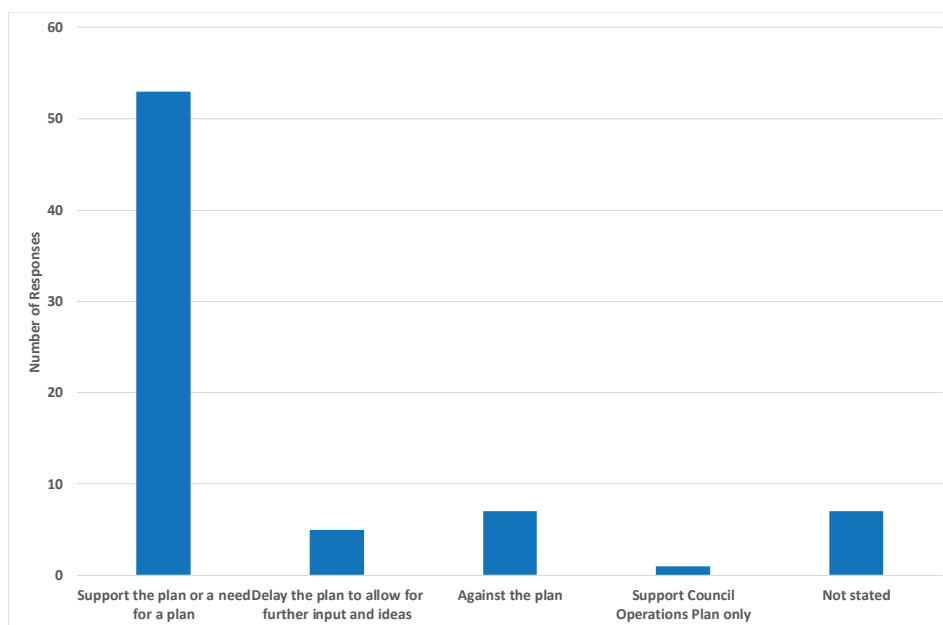


FIGURE 29 PUBLIC EXHIBITION RESPONSE TO THE ACTION PLANS

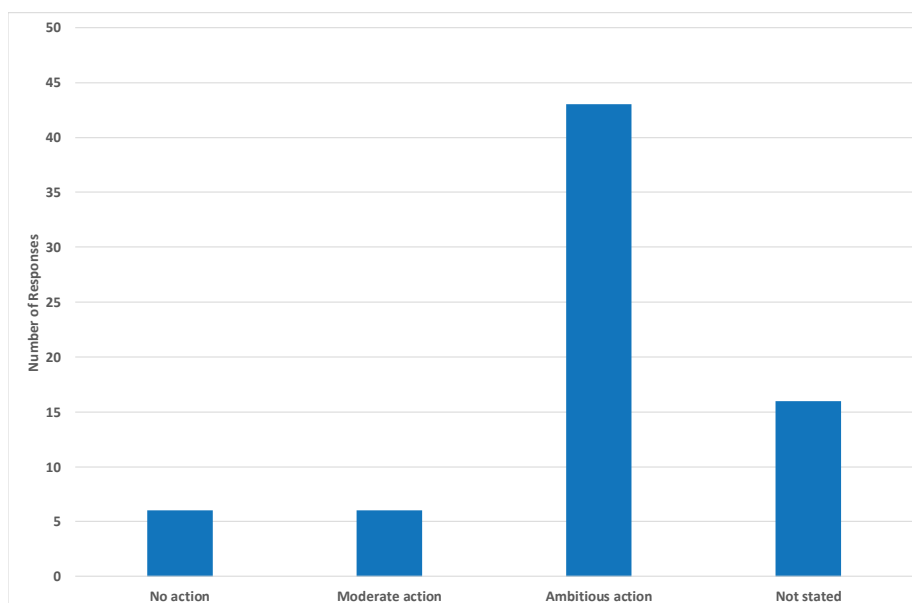


FIGURE 30: PUBLIC EXHIBITION RESPONSE TO THE LEVEL OF ACTION THEY WOULD LIKE TO SEE FROM COUNCIL







Of the submissions and comments that were received by Council, 15 of the top suggested changes or key comments are highlighted in Table 3 below. Some of these comments call for the following:

- Exploring actions that:
  - incorporate carbon sequestration and sinks
  - address water supply and conservation issues
  - accelerate the implementation of light rail, better bus services, and active transport options
- Greater focus on evacuation plans for extreme weather events focusing on air and water contamination, mental health, and fuel shortages.
- Establishing an urban tree canopy target and planting more trees in urban settings to mitigate the effects of heat islands in a warming world.
- Assistance from Council to implement microgrids, community renewable energy and storage projects, and support for sustainability-focused local community groups.

**TABLE 3: TOP 15 SUGGESTED CHANGES OR KEY COMMENTS FROM THE PUBLIC EXHIBITION**

Top responses from public exhibition
Explore further actions within the plans with regards to carbon sequestration and sinks
Incorporate community emission reduction targets
More actions to address water supply and conservation issues in Braidwood and Bungendore
Evacuation plans and information for communities with regards to extreme weather events. Including information on dealing with air and water contamination, mental health + fuel shortages
Community Action Plan seems to highlight that Council staff are doing everything – there needs to be more community-based actions
Accelerate actions within the integrated transport management plan for example light rail, better bus services (especially Braidwood)
Facilitate active transport options – walking and cycling (comment: still a huge issue within Queanbeyan)
Microgrids/or other community renewable energy projects and storage - need more support and direction from Council, including funding. This may include regulatory and commercial support
Establish an urban tree canopy target and plant more trees in urban settings to mitigate the effects of heat islands in a warming world
Strengthen DCP requirements on renewable energy, energy efficiency and water conservation
Full or more rebate opportunities from Council
Support or fund 'climate' or 'sustainable' local community groups – this could be as little as providing rooms for meetings
Please include annual reporting of emissions/actions undertaken as a set action
There is no prioritisation of the actions (suggest a time frame instead)
Increase emission reduction target to 90%-100% by 2030 for Council Operations



Along with the above responses, several key phrases from the community are presented below.

- *Transitions are manageable when the return / impact is well communicated. Awareness of climate impact and adversity across our community is high from our horror summer experiences. The community acceptance I expect would be high if the Council showed strong leadership on transitions to low energy strategies.*
- *This is a very comprehensive and encouraging Plan. Council are to be congratulated on formulating it. I look forward to the implementation.*
- *The past Summer has shown us what the future for us is going to be like. Water restrictions in Bungendore and Braidwood plus other effects of severe drought have been very damaging to the residents of our region. The fires have shown us how vulnerable we are to severe weather events which are the result of climate change.*
- *Strong action on climate change by Council would give the next generation of farmers and local residents confidence to remain in the region and make their lives here.*
- *As a young person in the local community, it is evident that climate change and the issues accompanying it are held at the utmost importance within my generation. I believe the change has to come from a local and individual level. I believe it is very important to adopt the ambitious targets especially as they are affordable and achievable benefiting all within the local community.*
- *Carry out more environmental projects within the local area that sequester carbon. This would include assisting local landowners who own land considered environmentally important to mitigating climate change (much like Greening Australia does). This could also include participating in carbon projects that earn QPRC additional revenue from the federal Clean Energy Reduction Fund.*
- *Local and state governments can and must play a leadership role as part of the growing global movement of communities and state and local jurisdictions to reduce greenhouse gas emissions, and it is good to see the importance of leadership mentioned in the draft CCCAP.*
- *There is also a risk in relying on the 'greening' of the grid to achieve emission cuts compared to growth projections, as the council plan appears to do for its more ambitious emissions reduction target. Risks relate to external factors over which the council will have no control.*
- *I also believe this represents an excellent opportunity for strong action and leadership, in an uncertain time when the community is looking to you for both of these things. Recent events with fire, drought and heat have caused much anxiety amongst our families, business owners, and the wider community.*
- *Street trees are proven to have significant cooling effects, are aesthetically pleasing, increase value and have a positive mental health impact.*
- *I am not opposed to Council making carbon-reduction decisions where the economical business case supports them. LED street lighting and solar PV power for council facilities appear to be examples of sound business cases. Battery storage is not a good example and is completely inadequate in residences with electric heating.*



# **COUNCIL OPERATIONS CLIMATE CHANGE ACTION PLANS**





## 7. ACTION PLAN TO REDUCE GHG EMISSIONS IN QPRC OPERATIONS

Numerous hierarchies are commonly used to describe a broad approach to emissions reduction, typically centred on reduction measures, increasing renewable energy, offsetting residual emissions and having measurement, review and governance processes in place to ensure accountability and a continued focus on achieving objectives. The following hierarchy is applicable to this document:

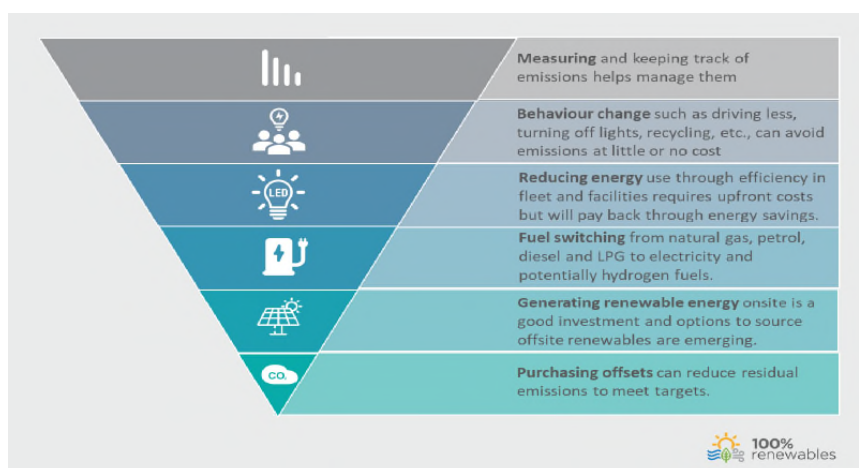


FIGURE 31: QPRC EMISSIONS REDUCTION HIERARCHY

Actions that are to be developed and implemented by QPRC that align with this approach, were developed via inspections of Council assets and internal consultation between Council's Sustainability team and other stakeholders. Actions are organised into the following six categories:

1. Leadership, Governance and Environment
2. Procurement
3. Energy efficiency and management
4. Street lighting
5. Renewable energy on Council facilities
6. Transport

### Timeframes Key

- S** **Short Term**- actions will be considered for inclusion in the QPRC Operational Plans
- M** **Medium Term**- actions will be consider for inclusion in the QPRC 2021-2025 Delivery Plan
- L** **Long Term**- actions will be consider for inclusion in the QPRC 2025-2029 Delivery Plan
- O** **Ongoing**- actions will be considered for inclusion in Operational and Delivery Plans throughout the implementation of the Action Plan i.e. 2020-2030



## 7.1. LEADERSHIP, GOVERNANCE, PARTNERSHIPS AND ENVIRONMENT

TABLE 4: QPRC SHORT, MEDIUM- AND LONG-TERM ACTIONS – LEADERSHIP, GOVERNANCE, PARTNERSHIPS & ENVIRONMENT

Leadership, Governance, Partnerships & Environment	Action	Benefit	Responsibility	Timeframe	Performance Metric
CO 7.1.1	QPRC will assess and review the benefits of participating in local government focused programs that directly relate to Council's emission reduction targets, values and belief	Local government knowledge sharing aids in delivering better climate outcome	Natural Landscapes & Health		Participation in local government focused programs
CO 7.1.2	Review emissions and renewable energy targets and consider adopting 100% renewable energy and net zero greenhouse gas emission targets for Council operations by or before 2050	Local government leadership on climate. Aligning emission targets with NSW Government. Responding and showing commitment in achieving the IPCC 1.5°C special report emission reduction recommendations	Natural Landscapes & Health		Targets adopted by Council
CO 7.1.3	Integrate CCAP into Delivery and Operational Plans for QPRC and ensure that annual budget planning for all areas of Council includes consideration of climate change actions	Most CCAP actions require funding - ongoing focus will help ensure opportunities are not missed	Organisational		Annual Operational Plans and 4-year Delivery Programs' CCAP-linked commitments
CO 7.1.4	Management of Council's CCAP efforts will include a focus on funding sources, including a Revolving Energy Fund, grant opportunities and NSW Government support programs		Natural Landscapes & Health		Annual status of "REF", number of total and successful grant applications
CO 7.1.5	Allocate sufficient staff resources to manage and implement Council's CCAP.	Support at senior management level in addition to staff committed to driving QPRC's CCAP implementation are essential to success	Organisational		Progress on implementation of the CCAP and on outcomes achieved
CO 7.1.6	Provide regular staff education, updates and news items that focus on the QPRC Climate Change Action Plans. This should include soliciting ideas from staff on actions Council can implement.	Staff engagement is essential to the continuation of efforts to reduce emissions	Natural Landscapes & Health		Survey of awareness and satisfaction of staff with QPRC efforts to reduce climate impact





Council Operations Climate Change Action Plan

Leadership, Governance, Partnerships & Environment	Action	Benefit	Responsibility	Timeframe	Performance Metric
CO 7.1.7	QPRC to source some or all its energy from renewables, through procurement or by building offsite renewable energy projects, collaboration opportunities with other Councils or businesses will be evaluated	Collaboration has been shown to be effective at sourcing large volume renewables at costs close to or lower than 'standard' grid power	Natural Landscapes & Health	O	Effectiveness of partnerships measured by delivered outcomes
CO 7.1.8	Develop a heat adaptation & urban forest strategy for the QPRC LGA, including heat mapping	A strategy to adapt and build capacity for increasing temperatures in the LGA	Natural Landscapes & Health + Urban Landscapes	M	Strategy developed by Council
CO 7.1.9	QPRC will assess the potential benefits of partnering with other local and other governments to procure low to zero emission vehicles	The ACT Government invited local governments to join their bulk-purchase of EVs in order to avail of any cost reductions. This may be a beneficial approach for QPRC to take	Natural Landscapes & Health + Utilities	O	Cost reduction in low to no emission vehicles purchased or leased by QPRC
CO 7.1.10	Expand the QPRC Street Tree Planting Strategy to include other urban and natural areas within the LGA	The strategic planting of trees will maximise benefits to the community, environment and wildlife while also providing for abatement through carbon capture and storage	Natural Landscapes & Health + Urban Landscapes	M	Strategy expanded by Council (in consultation with the community) to include natural and other urban landscapes



## 7.2. PROCUREMENT





TABLE 5: QPRC SHORT, MEDIUM- AND LONG-TERM ACTIONS – PROCUREMENT

Procurement	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.2.1	All sites	QPRC will review the opportunity to source some or all of its electricity under Power Purchase Agreements (PPAs) from renewable energy projects in future energy procurement processes	Several Councils and businesses have been able to source renewables at a comparable cost to 'standard' grid power in recent years and renewable energy is becoming cheaper	Natural Landscape & Health		Up to 100% renewable electricity for Council assets	Electricity supply agreements	Minor - typically advisory services	Aim to achieve a cost-neutral outcome or better
CO 7.2.2	All sites	Implement sustainable procurement practices based on the 2017 Sustainable Procurement Guide for NSW local governments ( <a href="https://www.lgnsw.org.au/files/imce/uploads/127/esstam-sustainable-procurement-guide-30.05.17.pdf">https://www.lgnsw.org.au/files/imce/uploads/127/esstam-sustainable-procurement-guide-30.05.17.pdf</a> ). This may include: <ul style="list-style-type: none"> <li>Updating Council's Procurement Policy</li> <li>Incorporating sustainable procurement requirements in documented processes: <ul style="list-style-type: none"> <li>Specs for commonly sourced services and equipment</li> <li>Briefs for major capital works</li> </ul> </li> <li>Engage with facilities maintenance and capital works to develop the specifications and briefs that will seek low-emissions outcomes</li> </ul>	New equipment purchases including appliances, ICT equipment, up to major design and asset upgrades can benefit from lower energy use and emissions by adopting sustainable procurement guidelines	Finance			Review of major project briefs and delivered outcomes.  Review of briefs / specs for goods and services purchased	Marginal cost for energy efficient solutions	



### 7.3. ENERGY EFFICIENCY & MANAGEMENT




TABLE 6: QPRC SHORT, MEDIUM- AND LONG-TERM ACTIONS – ENERGY EFFICIENCY & MANAGEMENT

Energy efficiency & management	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.3.1	Bicentennial Hall	Upgrade HVAC to energy efficient technology and controls	Reduced operational costs and GHG savings	Transport Facilities & Safe Cities		GHG savings will be small as the site has solar PV	Not estimated at this time	Not estimated at this time	Not estimated at this time.
CO 7.3.2	Queanbeyan Aquatic Centre	Upgrade energy services at the site, including 2 x Raypak boilers (with condensing boilers and potentially heat pumps), VSD control of pool pumps, external lighting to LED and HVAC controls	These measures would build on past efficiency and renewable energy initiatives at the aquatic centre	Natural Landscapes & Health + Transport Facilities & Safe Cities		~381 t CO <sub>2</sub> -e pa.	Overall energy consumption of the Queanbeyan Aquatics Centre	\$550,000	\$70,000
CO 7.3.3	All sites	QPRC will review energy conservation techniques that can reduce energy use from appliances and IT equipment, including removal of surplus devices and implementation of smart control	Reviewed cost, energy and GHG savings	Natural Landscapes & Health		Not estimated at this time			
CO 7.3.4	All sites	Implement LED lighting at all QPRC sites - retrofit for medium and high-use sites and replace on fail with LED for low use sites	LED technology is typically 40-70% more energy efficient than standard lighting	Transport Facilities & Safe Cities		Not estimated at this time			





Council Operations Climate Change Action Plan

Energy efficiency & management	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.3.5	Parks & Sporting Fields	Select energy efficient lighting such as LED and smart controls when upgrading sporting fields + public spaces	LED and controls can save significant energy demand even when improving overall lighting and services to parks and sporting fields	Urban Landscapes		Not estimated at this time			
CO 7.3.6	Queanbeyan STP	Implement best practice energy efficient technologies and control in the design of the new Queanbeyan sewerage treatment plant, and achieve targets aligned with QPRC's Sustainable Design Policy for Council Buildings, (Design and As-Built Infrastructure Sustainability (IS) Ratings of Excellent)	An IS score of 65% to 75% or better would include actions in design and operation to reduce energy and GHG emissions	Utilities-Technical & QSTP & Googong + Contracts & Projects		A 25% reduction in energy for e.g. equates to 460 MWh per year and 380 t CO <sub>2</sub> -e on a Scope 2 basis	Overall energy consumption by the new Queanbeyan STP	Not estimated at this time	Not estimated at this time
CO 7.3.7	Queanbeyan civic and cultural precinct	Implement best practice energy efficient technologies and control in the design of the new Queanbeyan Civic and Cultural Precinct, and achieve targets aligned with QPRC's Sustainable Design Policy for Council Buildings	The new building can be an exemplar of sustainable design and can demonstrate Council leadership	Contracts & Projects		Not estimated at this time			







Council Operations Climate Change Action Plan

Energy efficiency & management	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.3.8	Braidwood Office & Library	Upgrade lighting to LED technology and optimise heating strategies	LED technology is typically 40-70% more energy efficient than standard lighting	Natural Landscapes & Health	M	GHG savings will be small as the site has solar PV	Overall energy consumption of the office & library	~\$25,000	~\$4200
CO 7.3.9	Bungendore Offices	Upgrade lighting to LED technology	LED technology is typically 40-70% more energy efficient than standard lighting	Natural Landscapes & Health	M	GHG savings will be small as the site has solar PV	Overall energy consumption of the office	~\$40,000	\$5200
CO 7.3.10	Q Carpark	Upgrade lighting to LED technology	LED technology is typically 40-70% more energy efficient than standard lighting	Natural Landscapes & Health	M	Not estimated at this time			
CO 7.3.11	Googong Water Reclamation Plant	Implement best practice energy efficient technologies and control in the expansion of the Googong Water Reclamation Plant	An IS score of 65% to 75% or better would include actions in design and operation to reduce energy and GHG emissions	Utilities-Technical & QSTP & Googong + Contracts & Projects	L	Not estimated at this time			



## 7.4. STREETLIGHTING

TABLE 7: QPRC SHORT, MEDIUM- AND LONG-TERM ACTIONS – STREETLIGHTING

Street Lighting	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.4.1	Upgrade minor road streetlights to LED technology. There is approximately 650 kW of street lighting across the LGA (>5,400 lights), with approximately 50% of demand for local road lights (~4,200 lights)	LED lighting will reduce energy demand by about 65%	Transport Facilities & Safe Cities	 PRIORITY	A 65% reduction in local road lighting would save over 700 t CO <sub>2</sub> -e on a Scope 2 basis	Electricity consumption for street lighting	\$1,400,000	~\$200,000 including energy and maintenance savings
CO 7.4.2	Upgrade main road streetlights to LED technology. There is approximately 650 kW of street lighting (>5400 lights), with approximately 50% of demand for main road lights (~1,200 lights)	LED lighting will reduce energy demand by about 65%	Transport Facilities & Safe Cities	 PRIORITY	A 65% reduction in main road lighting would save over 700 t CO <sub>2</sub> -e on a Scope 2 basis	Electricity consumption for street lighting	\$1,000,000	~\$200,000 including energy and maintenance savings
CO 7.4.3	Smart Controls applied to street lighting may enable further energy savings to be achieved through, for example dimming controls at night. Future work on smart controls would be developed in conjunction with Essential Energy to ensure standards are met at all times	Smart controls have the potential to yield added energy savings of about 25%	Transport Facilities & Safe Cities		A 25% reduction in remaining energy demand using smart controls would save 200 t CO <sub>2</sub> -e on a Scope 2 basis	Electricity consumption for street lighting	Unknown	~\$40,000
CO 7.4.4	Investigate the opportunity for using solar powered streetlighting for new 'streetlighting assets' in Council carparks and parks. NOTE this only relates to those streetlighting assets that are intended to be Council owned and maintained	100% electricity savings when compared to traditional streetlights	Transport Facilities & Safe Cities & Urban Landscapes		A 100% reduction in CO <sub>2</sub> -e when compared with standard street lighting	Electricity consumption for street lighting	Equivalent to a standard streetlight	~\$50-\$115 per streetlight. Including energy and maintenance savings



## 7.5. RENEWABLE ENERGY ON COUNCIL FACILITIES

TABLE 8: QPRC SHORT, MEDIUM- AND LONG-TERM ACTIONS – RENEWABLE ENERGY ON COUNCIL FACILITIES

Renewable energy on Council facilities	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.5.1	Queanbeyan Aquatic Centre	A small area of roof on the indoor pool building will be reviewed for solar PV potential, estimated to be 120m2 in size	10 kW of solar PV would add to the renewable energy use at the site	Natural Landscape & Health + Transport Facilities & Safe Cities		A 10 kW PV array would reduce emissions by 11 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	\$13,000	\$2,500
CO 7.5.2	Googong Water Reclamation Plant	QPRC will maximise solar PV implementation at the plant, focusing on rooftop systems on the main building, chemical store and other structures. An estimate of 200 kW PV capacity is feasible	200 kW solar PV would reduce the impact of continued demand growth at the site through expansion	Natural Landscape & Health + Utilities-Technical & QSTP & Googong		A 200 kW PV array would reduce emissions by 230 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~\$320,000	~\$45,000
CO 7.5.3	Bungendore STP	Council will assess the business case for solar PV on the roof of the treatment plant building and a ground-mount array. Based on current demand a 20-kW array is estimated to be the preferred size	A 20 kW PV array would displace an estimated 22 MWh of grid electricity with 6 MWh exported to grid	Natural Landscape & Health + Utilities-Operations		A 20 kW PV array would reduce emissions by 23 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	\$26,000	\$5,000



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Renewable energy on Council facilities	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.5.4	Queanbeyan STP	QPRC will consider the implementation of a ground-mount and/or rooftop solar PV array on the site of the STP to meet daytime energy demand	A 250 kW PV array would displace an estimated 350 MWh of grid electricity	Utilities-Technical & QSTP & Googong + Contracts & Projects	M	A 250 kW PV array would reduce emissions by 287 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~\$400,000	~\$60,000
CO 7.5.5	Queanbeyan Aquatic Centre	In future Council will review the shade structures' potential for flexible solar PV to generate renewable energy at the site. A preliminary size of 50 kW capacity is estimated	50 kW of solar PV would add to the renewable energy use at the site	Natural Landscape & Health + Transport Facilities & Safe Cities	M	A 50 kW PV array would reduce emissions by 57 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	\$65,000	\$12,500
CO 7.5.6	Bungendore STP	The STP may be upgraded to a 7000 EP plant in future. As part of this Council will seek to incorporate solar and potentially battery storage to minimise additional grid electricity use	A 50 kW PV array would displace an estimated 70 MWh of grid electricity with a battery to store surplus and minimise export	Utilities-Operations + Contracts & Projects	M	A 50 kW PV array would reduce emissions by 57 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~\$100,000	~\$10,000
CO 7.5.7	Braidwood STP	In future Council will consider expansion of the existing 30 kW solar array with more solar and battery storage	A further 30 kW would reduce grid energy by a further 42 MWh per year	Natural Landscapes & Health + Utilities-Operations	L	A 20 kW PV array would reduce emissions by 34 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~\$90,000	~\$7,000
CO 7.5.8	Braidwood Office & Library	Council will evaluate the business case to install additional solar PV with battery storage	Onsite solar PV increases Council's	Natural Landscapes & Health	L	A 10 kW PV array would reduce emissions by 17t	Monitoring of solar PV output	~\$27,000	~\$4,500



Council Operations Climate Change Action Plan

Renewable energy on Council facilities	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
			renewable energy capacity			CO <sub>2</sub> -e pa on a Scope 2 basis			
CO 7.5.9	Braidwood WTP	Council will evaluate the business case to install additional solar PV with battery storage	Onsite solar PV increases Council's renewable energy capacity	Utilities-Operations	L	A 10 kW PV array would reduce emissions by 37 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~ \$27,000	~ \$2,400
CO 7.5.10	Bungendore Offices	Council will evaluate the business case to install additional solar PV with battery storage	Onsite solar PV increases Council's renewable energy capacity	Natural Landscapes & Health	L	A 10 kW PV array would reduce emissions by 17t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~ \$27,000	~ \$4,500
CO 7.5.11	Queanbeyan Depot	Council will evaluate the business case to install additional solar PV with battery storage	Onsite solar PV increases Council's renewable energy capacity	Natural Landscapes & Health	L	A 10 kW PV array would reduce emissions by 34 t CO <sub>2</sub> -e pa on a Scope 2 basis	Monitoring of solar PV output	~ \$27,000	~ \$4,500
CO 7.5.12	Queanbeyan Aquatic Centre	Council will review performance of the Edwards boilers and solar matting and plans for future replacement or upgrade (e.g. to heat pump and solar PV)	Continued use of renewable energy for pool heating. Future upgrade using heat pumps may allow the site to be fully electric and remove use of fossil fuels	Natural Landscapes & Health + Transport Facilities & Safe Cities	L	Not estimated at this time			
CO 7.5.13		A future water treatment plant will consider solar PV and	Onsite solar PV increases	Utilities-Operations	L	Not estimated at this time			



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Renewable energy on Council facilities	Site/s	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
	Bungendore WTP	battery storage to meet part of the site's energy demand	Council's renewable energy capacity	+ Contracts & Projects					
CO 7.5.14	All small sites	Council will continually review the business case for smaller solar and battery storage installations at all small sites	Onsite solar PV increases Council's renewable energy capacity	Natural Landscapes & Health	L		Not estimated at this time		
CO 7.5.15	All Sites	QPRC will review its land (and water) sites to determine if any are suitable for a future solar farm at mid-scale (e.g. 2-5 MW)	Offsite solar may complement Council's onsite renewables as well as its electricity purchasing process	Natural Landscapes & Health	L		Not estimated at this time		
CO 7.5.16	Closed or nonoperational landfill sites	Explore opportunities for methane capture at closed or nonoperational landfill sites	Methane can be used as an energy source throughout Council Operations. Increases Council's renewable energy capacity	Utilities- Technical & QSTP & Googong	L		Not estimated at this time		



## 7.6. TRANSPORT

TABLE 9: QPRC SHORT, MEDIUM- AND LONG-TERM ACTIONS – TRANSPORT

Transport	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.6.1	Continue to monitor and improve data collection on fuel use and emissions from Council's fleet.	Data management and analysis	Natural Landscapes & Health	S		Quality of reported fuel data	\$14,000 pa.	
CO 7.6.2	Develop policy and plan to encourage use of teleconferencing, Web ex, Skype to replace the need for travel when possible (continued from 2013-17 CCAP)	Reduce time spent travelling, save money spent on fuel and reduce emissions	Natural Landscapes & Health	S	Not estimated at this time	Reduced vehicle kms for pool vehicles		
CO 7.6.3	Continue the 'Trees 4 Cars' program to help offset emissions for new fleet cars (continued from 2013-17 CCAP)	Awareness, sequestration of GHG's and improving local environment	Natural Landscapes & Health	M		Number of trees planted	\$4000 pa.	
CO 7.6.4	Prioritise low to zero emissions as criteria when purchasing fit for purpose vehicles and evaluating whole of life costs. Remove less efficient cars (when viable) from the fleet and provide incentives for staff to take up cars that are fuel efficient. Review Council's policy for vehicle selection on an annual basis	More appropriate vehicle selection for fleet list – fuel and cost savings	Natural Landscapes & Health + Utilities	S	Not estimated at this time.	Weighted emissions intensity of Council's passenger and heavy fleet.	Not estimated at this time	Not estimated at this time.
CO 7.6.5	Implement a low to zero emissions vehicle trial for QPRC operations	Reduced GHG emissions	Utilities	S	Not estimated at this time	Trial implemented	Not estimated at this time	Not estimated at this time





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Transport	Action	Benefit	Responsibility	Timeframe	GHG Reduction	Performance Metric	Capital Cost	Annual Savings
CO 7.6.6	Develop a comprehensive Council fleet strategy that includes assessing a transition too low to zero emissions for passenger and heavy vehicles	Electric and hydrogen passenger vehicles are proven, and trials of heavy vehicles include buses, garbage trucks, utes, rigid trucks	Natural Landscapes & Health + Utilities	M	Not estimated at this time	Council fleet strategy including transition plan to low and/or zero emissions	Not estimated at this time	Not estimated at this time
CO 7.6.7	Investigate the possibility of ensuring all new roads and footpaths contain at least 5-10% recycled glass or other material	Lower embedded GHG emissions in road / footpath materials	Transport Maintenance + Contracts & Projects	M	Not estimated at this time	% recycled content in new road and footpath materials		
CO 7.6.8	Increase permanent bike racks and maintenance stations throughout the LGA	Staff and community mobility leading to lower emissions	Urban Landscapes	O	Not estimated at this time	Number of permanent bike racks installed	~\$10,000	
CO 7.6.9	Investigate opportunities for increasing the use of recycled water for grading road.	Reduced use of potable water especially during times of drought	Transport Maintenance + Contracts & Projects	M		Litres used. % portable vs recyclable used for grading roads	~\$30,000 (increased storage capacity)	Not estimated at this time



## 7.7. ADAPTATION

Queanbeyan City Council developed a climate change adaptation action plan in 2015 that sets out close to 40 discrete actions to adapt to climate change risks, across four key action areas:

- Rainfall
- Fire Weather
- Temperature/Hot Days
- General Risk Scenario

The Plan sets out approximately \$1.6 million in potential expense plus substantial staff time to respond to the range of actions identified. The 2015 plan was not adopted by Council. There was no similar Plan developed for the Palerang region at the time.

With the creation of the new QPRC, Council will re-assess its adaptation plan for Council's operations by:

1. Review of the 2015 adaptation plan, noting that most actions are long-term measures and likely to remain relevant,
2. Expand the scope of the review to encompass the whole of the QPRC operations, and
3. Identify and develop specific readiness and adaptation plans for critical sites such as water infrastructure, depots and sites hosting significant IT infrastructure

Council will also assess the potential to increase tree canopy on council property (including reserves, road verges, parks) to reduce heat island effects, as part of tree canopy efforts across the whole community.



# EMISSIONS PATHWAYS





## 8. POTENTIAL COST-EFFECTIVE EMISSIONS PATHWAYS

Many organisations and local councils have committed to transition their organisations to zero or low emissions well within the timeframe required to avoid serious global warming. Typically, these targets are 100% renewables or net-zero carbon emissions, often with interim goals leading to the final target. The emergence of SBTs is also seeing organisations commit to doing their pro-rated 'share' of the effort required to limit warming to no more than 1.5 degrees.

### 8.1. COST-EFFECTIVENESS OF ACTION TO REDUCE EMISSIONS

Implementation of the measures identified in the Action Plan above, allied to good leadership and governance of Council's abatement efforts, and could see QPRC achieve a step change in their emissions and level of renewable energy cost effectively. In fact, aside from purchasing carbon offsets, the premise for action by most organisations is that abatement measures pay for themselves within a prescribed time or achieve a minimum commercial return on investment.

The premise that action to reduce GHG emissions is cost effective is applied in the development of this action plan. It is assumed that Council would likely seek to act on measures in the short and medium term that are cost-effective today and will deliver a good return on investment to Council. For actions that are just emerging or are not yet cost-effective, it is assumed that action by Council will wait until this improves, so that a good financial return is achieved at that time.

Two scenarios are presented here to help QPRC take decisions on how it wishes to develop and implement abatement opportunities within its operations.

#### 8.1.1. SCENARIO 1: EMISSIONS ABATEMENT IN COUNCIL OPERATIONS

***Scenario 1: Emissions Abatement focused on action in Council operations now, moderate investment in low to zero emission vehicles by 2030, and excluding large-scale renewable energy purchasing.***

***Actions are:***

1. Upgrade all streetlights to LED on local and main roads and implement smart controls.
2. Implement solar PV on all feasible rooftops for QPRC sites.
3. Implement a range of energy efficiency measures, including upgrading building & sports field lighting to LED, achieve efficiencies in sustainable procurement and energy efficient design.
4. Begin to transition Council's petrol-fuelled fleet to electric from FY2025, and diesel-fuelled fleet to electric from FY2029 (~50% of petrol and ~15% of diesel fleet taken to be electric by 2030).

The costs of this approach to Council will include:

- Sustainable design and equipment purchasing: Council is committed to implementing sustainability in new building design, including the Queanbeyan STP and the new Queanbeyan Civic and Cultural Precinct. In the same way, buying energy efficient appliances and equipment when upgrading or replacing existing equipment is based on this being a cost-effective investment over the life of new equipment.
- Energy efficiency initiatives such as LED lights in buildings and sporting fields, efficient air conditioning plant and controls and variable speed drives on treatment plant pumps have been implemented at many sites. Actions to improve energy efficiency are simply a continuation of existing good practices.
- New LED street lighting and smart controls may cost over \$2.4 million covering local and main roads plus smart controls. Cost savings are likely to exceed \$440,000 per year to Council.



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- New solar PV and battery storage initiatives will cost more than \$1 million and return more than \$140,000 annually in savings to Council.
- It is assumed that Council will increase the uptake of low to zero emission vehicles when these are cheaper to buy and there is a resale market so that the whole-of-life cost to Council is no more than for petrol vehicle options. In the meantime, Council can look to increase the number of hybrid cars in its fleet to reduce fuel costs and emissions.

The impact of this approach can be seen in the energy demand chart below. Energy demand would be reduced by around 27,400 GJ compared with the forecast level (with no actions to reduce), or a 31% reduction. This is also a reduction of almost 16,000 GJ compared with 2017-18 energy consumption, or 21%.

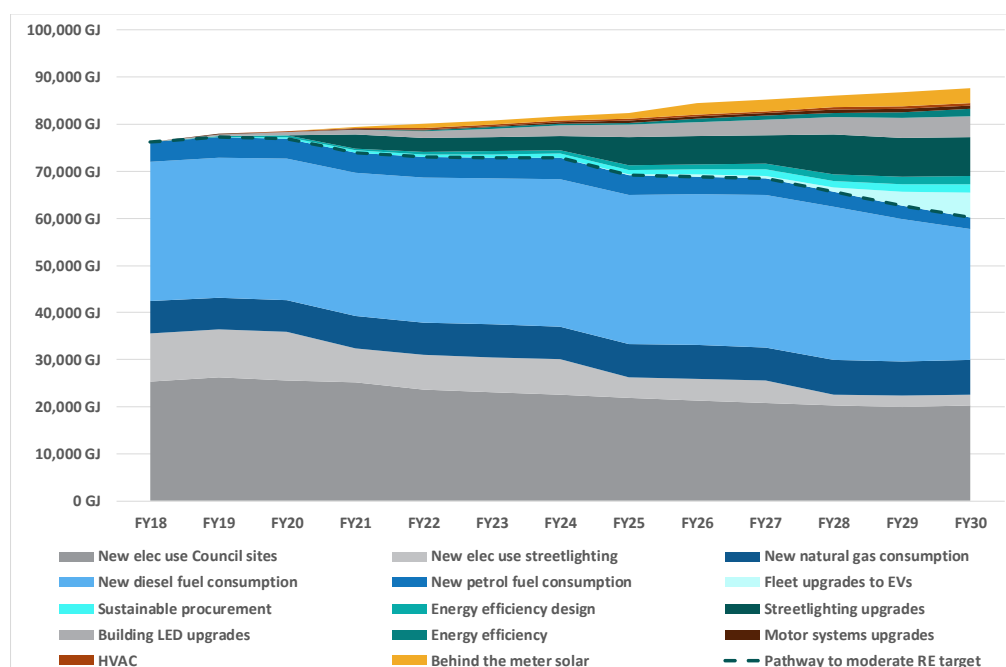


FIGURE 32: SCENARIO 1 ENERGY REDUCTION PATHWAY

Because the electricity grid is becoming 'greener' with the implementation of more and more utility-scale renewable energy projects, the impact on Council's carbon footprint will be more significant from these measures. Emissions would be reduced by around 4,370 t CO<sub>2</sub>-e in 2030 compared with the forecast level (with no actions to reduce), or a 39% reduction. This is also a reduction of 5,517 t CO<sub>2</sub>-e compared with 2017-18 energy consumption, or 45%.



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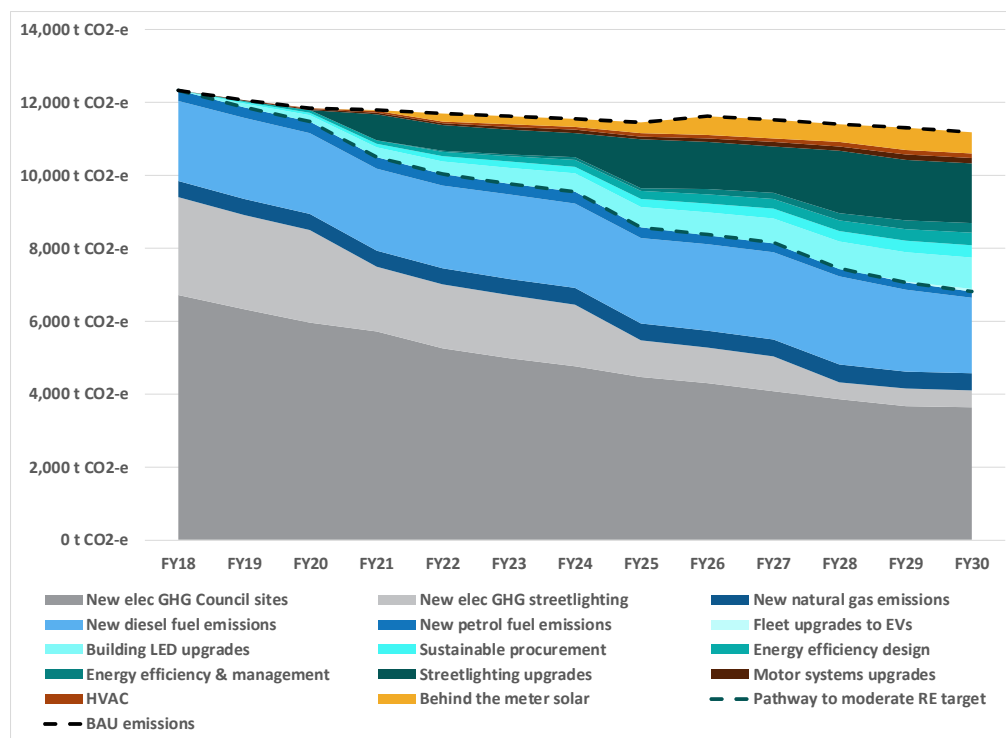


FIGURE 33: SCENARIO 1 EMISSIONS REDUCTION PATHWAY

### 8.1.2. SCENARIO 2: EMISSIONS ABATEMENT IN COUNCIL OPERATIONS

**Scenario 2: Implementation of cost-effective measures out to 2030, including currently cost-effective opportunities, high penetration of low to zero emission vehicles by 2030, and buying all of Council's electricity from renewables by 2030. Included actions are:**

1. Renewable energy power purchase agreements (PPAs) for Council facilities and street lighting, rising to 100% PPA over three energy procurement rounds.
2. Upgrade all streetlights to LED on local and main roads and implement smart controls.
3. Implement solar PV on all feasible rooftops for QPRC sites.
4. Implement a range of energy efficiency measures, including upgrading building lighting to LED, achieve efficiencies in sustainable procurement and energy efficient design.
5. Electrification of natural gas use in major gas-using sites such as the aquatic centre.
6. Begin to transition Council's petrol fleet to electric from FY2020, and diesel-fuelled fleet to electric from FY2025 (~90% of petrol and ~50% of diesel fleet taken to be electric by 2030).

In addition to the measures outlined in the scenario 1 approach above, this approach would see the following added costs and/or risks:

- Renewable energy Power Purchase Agreements (PPAs) have been based on energy and renewable certificates that are similar or at lower cost to 'regular' grid power, assessed against forecast views of electricity markets, typically over 10-15 years. So, benefits are estimated but must be risk-managed over the long-term duration of most PPAs. A stepped approach



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modelled here is also premised on renewables being cheaper than coal-fired power, staged so risks can be managed, and Council can avail of new developments and benefits over time.

- A more ambitious low to zero emissions vehicles policy is premised on this being a cost-effective action (taking into account purchase price, running cost savings and resale value) quickly, based on initiatives such as the ACT Government switching its fleet to electric and hydrogen fuel cell vehicles within the next few years and evaluating the role for electric buses and other plant.

The impact of this approach can be seen in the energy demand chart below. Non-renewable energy demand would be reduced by around 67,500 GJ compared with the forecast level (with no actions to reduce), or a 77% reduction. This is also a reduction of 56,000 GJ compared with 2017-18 energy consumption, or 73%.

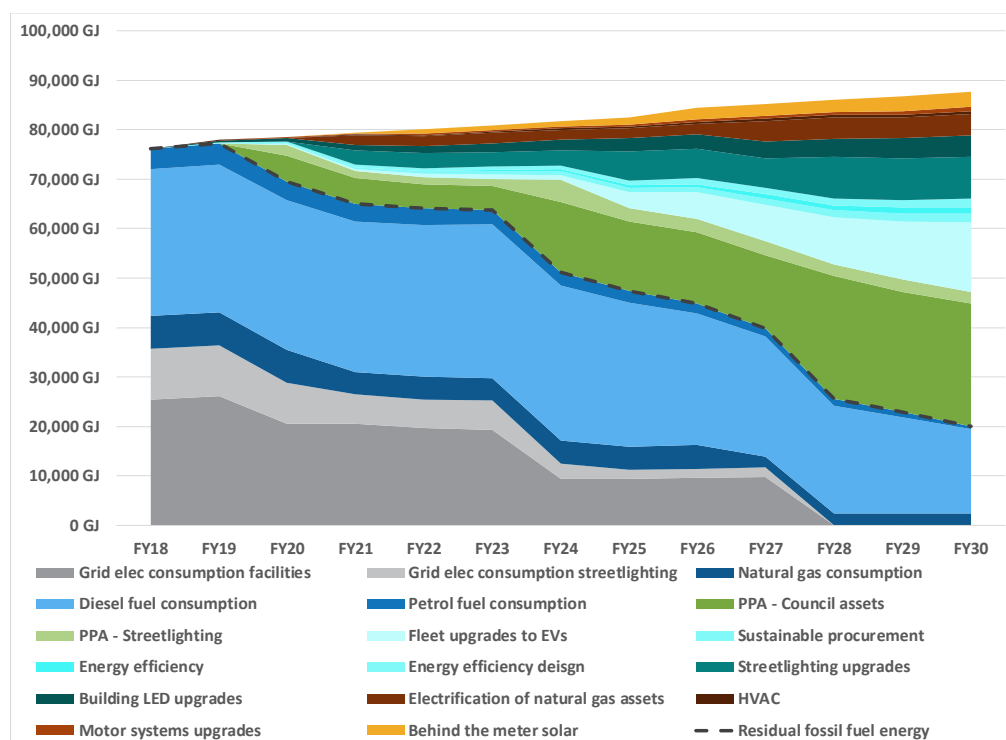


FIGURE 34: SCENARIO 2 ENERGY REDUCTION PATHWAY

As with scenario 1, because the electricity grid is becoming 'greener' with the implementation of more and more utility-scale renewable energy projects, the impact on Council's carbon footprint will be more significant from these measures. Emissions would be reduced by around 9,713 t CO<sub>2</sub>-e compared with the forecast level (with no actions to reduce), or a 78% reduction. This is also a reduction of 10,860 t CO<sub>2</sub>-e compared with 2017-18 energy consumption, or 88%.



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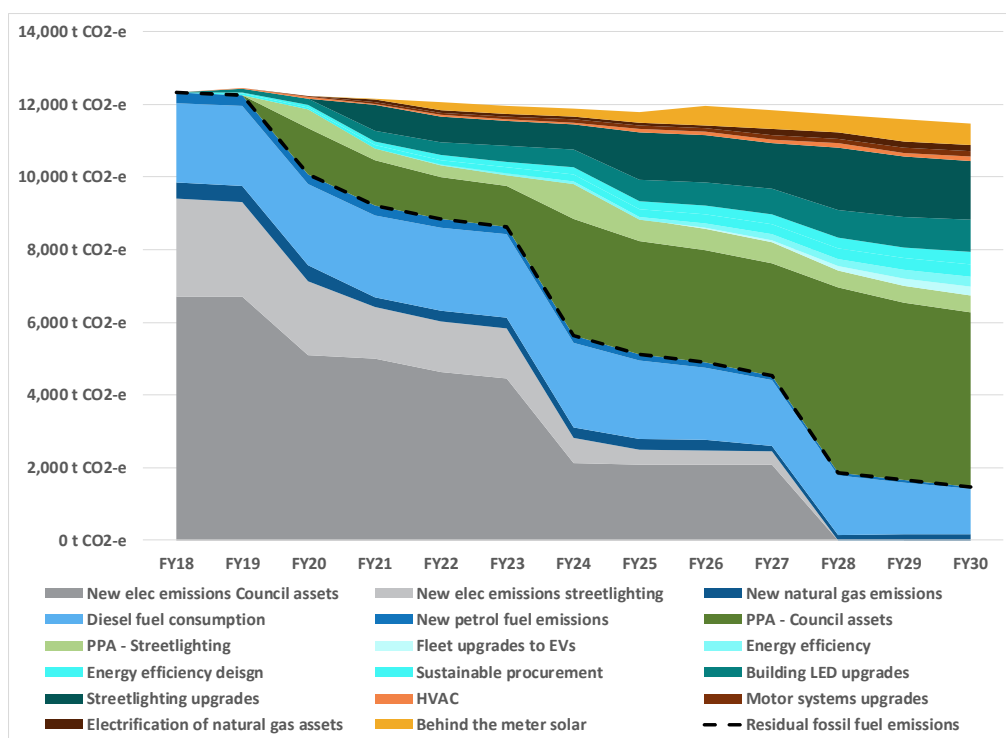


FIGURE 35: SCENARIO 2 EMISSIONS REDUCTION PATHWAY

Either of these savings / abatement levels are plausible and cost-effective, with scenario 2 requiring that Council purchase its electricity from renewable energy sources by 2030. Council could aim to source a fraction of energy from renewables in the short or medium term before committing to 100% renewables.

The implementation of street lighting, rooftop solar PV and energy efficiency (excluding major capital works projects) in the short to medium term is likely to require a budget of more than \$3.4 million, and see Council's costs (energy and maintenance) fall by around \$580,000 per year. Additional costs would be seen where a premium is paid for efficient equipment, higher costs for low or zero-emissions vehicles, and expert advice to assist Council to enter into a renewable energy PPA.







**QPRC**

