



Town of  
**Cambridge**

**DEVELOPMENT  
COMMITTEE MEETING**

**TUESDAY 17 MARCH 2020**

**ATTACHMENT TO ITEM DV20.28**

**SUSTAINABILITY STRATEGY 2019-2023 –  
PROGRESS REPORT 1**

Topic	Action	2019-2020	January 2020 review of implementation actions for 2019-2020:	2020-2021	2021-2022	2022-2023	2023-2024
			- Achieved - Partially achieved - Not achieved				
<b>1. WATER</b>							
<b>Aspiration: To use water in a more sustainable way including improving efficiency and using more sustainable potable and ground water sources.</b>							
Corporate Strategy	1.1 Develop and implement a Water Management Plan (or a 'Water Sensitive City' Plan) to guide the management of water quality, conservation and efficiency.	●	<b>Partially achieved</b> Water Sensitive City Index workshop held on 27 November 2019. The Index forms the basis for the proposed Water Management Plan, funding to be requested for the development of the Plan in March 2020 Council report.	●	●		
	1.2 Integrate water sensitive urban design principles identified in the <i>Water Management Plan</i> and Better Urban Water Management guidelines into the planning framework.		<b>N/A - action to commence 2020/21</b>	●	●	●	
	1.3 Develop and adopt targets for reduction in water use and increased water recycling and reuse across council assets.	●	<b>Achieved</b> Ongoing as per the Waterwise Council targets for scheme water. No reduction targets set for irrigation only to maintain levels below DoW licenced allocations.	●	●	●	●
	1.4 Maintain Waterwise Council status on an annual basis.	●	<b>Achieved</b> Ongoing (Gold) Consider Platinum status application.	●	●	●	●
	1.5 Undertake scenario planning on reduced groundwater allocation and impacts on irrigation of parks and green spaces.	●	<b>Not achieved</b> To be addressed under proposed Water Management Plan.	●			
	1.6 Continue to participate in the <i>Perth Region Confined Aquifer Capacity</i> study run by the Department of Water and Environmental Regulation.	●	<b>Achieved</b> Ongoing, as per WESROC and DWER project agreement.	●			
	1.7 Undertake a feasibility study for better water management of Perry Lakes including potential diversion of Herdsman Main Drain for irrigation and/or aquifer recharge.	●	<b>Achieved</b> Perry Lakes Working Group undertaking this work, lead by Parks and managed by Natural Areas.	●			
	1.8 Become a participant of the Cooperative Research Centre for Water Sensitive Cities.	●	<b>Not achieved</b> Re-assessment of this action is required as the program has changed and moved into a next phase. Investigate WESROC program participation.	●	●	●	
	1.9 Continue providing support to community gardens and groups and encourage development of new projects.	●	<b>Achieved</b> Ongoing.	●	●	●	●
Council assets and infrastructure	1.10 Identify and transition high water intensive grass areas to more water wise vegetation.	●	<b>Achieved</b> High use areas identified by Sustainability	●	●		
	1.11 Implement water sensitive urban design principles into the construction and maintenance of urban realm.	●	<b>Not achieved</b> To be addressed under the proposed Water Management Plan and Public Open Strategy.	●	●	●	●
	1.12 Retrofit water fixtures and appliances in council assets to more efficient alternatives.	●	<b>Achieved</b> Ongoing, based on audits and high use areas.	●	●	●	●

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			- Achieved - Partially achieved - Not achieved				
	1.13 Continue to improve irrigation efficiencies through automation, timing of water, placement of irrigation zones and hydro-zoning.	●	<b>Achieved</b> Ongoing, operational implementation plans and practices.	●	●	●	●
	1.14 Install monitoring devices to monitor water use including time of use in council assets.	●	<b>Achieved</b> Ongoing, Town loggers installed and Water Corp logger program implemented.	●	●	●	●
Community advocacy and education	1.15 Continue to implement the <i>Water Wise Verge Program</i> including native plant subsidy scheme.	●	<b>Achieved</b> Waterwise Verge program implemented, - Water Corp funding and coordinated by Natural Areas.	●	●	●	●
	1.16 Continue providing community education on saving water inside and outside the home.	●	<b>Achieved</b> Ongoing through Switch Your Thinking Rewards programs and community workshops.	●	●	●	●
	1.17 Continue to provide incentives for water wise products and services including pool covers, water audits, waterwise showerheads and waterwise mulch.	●	<b>Achieved</b> Ongoing through the Switch Your Thinking program.	●	●	●	●
			<b>N/A - action to commence 202021</b> The Switch Your Thinking Rewards for Business program is promoted through social media. Additional action required in collaboration with Place Development officer (once appointed).	●	●		
Data and monitoring	1.19 Continue to conduct annual water audits on council assets, including Bold Park Aquatic Centre.	●	<b>Achieved</b> Ongoing as per the Waterwise Council endorsement requirements.	●	●	●	●
	1.20 Monitor water performance annually against targets for reduced water use and increased water recycling and reuse.	●	<b>Achieved</b> Ongoing as per the Waterwise Council requirements.	●	●	●	●
	1.21 Undertake a pilot of soil moisture monitoring to monitor the moisture content of areas trialling waterwise irrigation.		<b>N/A - action to commence 2020/21</b>	●	●		
<b>2. WASTE</b>							
<b>Aspiration: To avoid unnecessary waste, reuse waste and promote recycling and recovery.</b>							
Corporate Strategy	2.1 Investigate the development of a Strategic Waste Management Plan to guide the direction of waste recycling, reuse and disposal.	●	<b>Achieved</b> Waste Management Strategy and Waste Management Plan currently being developed.	●	●		
	2.2 Continue to implement Waste Removal Policies	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	2.3 Investigate the provision of recycling bins and other sustainable waste commitments in public open space areas.	●	<b>Achieved</b> Investigations ongoing.	●	●	●	●
	2.4 Develop event management guidelines that include efforts towards waste minimisation for Town of Cambridge events.	●	<b>Achieved</b> Waste minimisation requirements included in Community Services MOU's and contracts with vendors at Council events.	●	●		

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			- Achieved - Partially achieved - Not achieved				
	2.5 Partner with regional stakeholders to investigate and implement new waste technologies in the town.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	2.6 Investigate adopting a target for the use of recycled construction waste and recycling and reusing construction waste produced.		<b>N/A - action to commence 2020/21</b>	●	●	●	●
Council assets and infrastructure	2.7 Establish a storage area to hold the Town's recyclable materials for road construction.		<b>N/A - action to commence 2021/22</b>		●	●	●
	2.8 Identify at least two council assets to implement an organic waste collection and recycling system.		<b>N/A - action to commence 2020/21</b>	●			
	2.9 Investigate transitioning all parks and public realm to include landfill and recycling bins by 2024.		<b>N/A - action to commence 2021/22</b>		●	●	●
	2.10 Continue to collect and recycle household waste items such as phones, batteries, light globes, ink cartridges and fluorescent tubes at the Administration Centre.	●	<b>Achieved</b> Ongoing action, additional recycling stations rolled out at schools and facilities. The range of products have been extended to include x-rays.	●	●	●	●
	2.11 Continue to support and develop the capability of Resource Recovery Facilities to improve recycling and reuse.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
Community advocacy and education	2.12 Continue providing community education on reducing, reusing and recycling at home, including organic waste recycling.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	2.13 Investigate providing education to local businesses on reducing, reusing and recycling waste, including organic waste recycling.		<b>N/A - action to commence 2020/21</b>	●	●		
	2.14 Engage with local businesses to adopt waste reduction programs particularly on single use plastics and organics.	●	<b>Achieved</b> Ongoing, e.g. responsible Café program. Additional initiatives being investigated in collaboration with Place Development Officer (once appointed).	●	●	●	●
	2.15 Continue to hold the Garage Sale Trail annually	●	<b>Partially achieved</b> Replaced with the Lake Monger Markets to be held in April. Additional smaller markets being investigated.	●	●	●	●
	2.16 Continue to provide incentives and rebates for waste wise products and services including worm farms and compost bins.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	2.17 Advocate the use of share libraries / sharing of resources through schools, community and businesses.	●	<b>Partially achieved</b> Community pop-up libraries supported and promoted.	●	●		

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			- Achieved - Partially achieved - Not achieved				
	2.18 In tandem with education on recycling and reuse, continue to provide the bulk collection and green waste collection program to council residents.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
Data and monitoring	2.19 Review Mindarie Regional Council waste audits of the Town's waste stream every year to obtain data on the waste composition and changes in volumes.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
<b>3. NATURAL ENVIRONMENT</b>							
<b>Aspiration: To protect our natural assets, foster green public realms and facilitate rehabilitation of natural areas.</b>							
Corporate Strategy	3.1 Continue to implement the <i>Biodiversity Action Plan</i> and review in 2020/21.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	3.2 Prepare a <i>Natural Areas Strategy</i> .	●	<b>Not achieved</b> Currently being investigated. Completion scheduled for June 2021.				
	3.3 Prepare an <i>Urban Forest Strategy</i> to guide the retention and growth of urban tree canopy in the Town.	●	<b>Partially achieved</b> Draft <i>Urban Forest Strategy</i> to be presented to Council in February 2020.				
	3.4 Prepare a <i>Public Open Space Strategy</i> to guide the direction of public open spaces within the Town	●	<b>Not achieved</b> Currently being investigated, to be developed during 2020.				
Council assets and infrastructure	3.5 Prepare and implement the management actions for natural assets including Perry Lakes Reserve, Lake Monger Reserve and the coastal zone.	●	<b>Achieved</b> Ongoing action.	●			
	3.6 Continue with implementation of weed and pest management in local reserves in accordance with the <i>Biodiversity Action Plan</i> .	●	<b>Achieved</b> Ongoing, actions also undertaken in conjunction with WESROC Councils.	●	●	●	●
	3.7 Continue implementation of dune rehabilitation and management of coastline in accordance with the <i>Biodiversity Action Plan</i> .	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	3.8 Identify the opportunity to provide a nature play parkland within the Town.	●	<b>Achieved</b> Ongoing, various 'nature play' play areas implemented.	●			
	3.9 Ensure natural areas provide clear signage to visitors on minimising littering and use of designated paths.	●	<b>Partially achieved</b> Ongoing action.	●	●	●	●
Community advocacy and education	3.10 Continue working with local schools to increase native vegetation, wildlife habitat and diversity within school grounds.	●	<b>Achieved</b> Ongoing, e.g. rehabilitation and litter prevention in natural area adjacent to Floreat Park Primary.	●	●	●	●
	3.11 Continue to implement native plant subsidy scheme for residents	●	<b>Achieved</b> Ongoing in conjunction with WESROC.	●	●	●	●

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	3.12 Continue to provide community education workshops on sustainable gardening and biodiversity, such as the <i>Beyond Garden</i> workshops, frog talks and "breakfast with the birds".	●	<b>Achieved</b> Ongoing, through Spring and Autumn Sustainability Programs.	●	●	●	●
	3.13 Continue to provide support to key environmental community groups in the Town including 'Coastcare' and 'Friends of' groups.	●	<b>Achieved</b> Ongoing as per the Town's Friends group Policy and Manual.	●	●	●	●
	3.14 Provide education to the community on value of wildlife habitat elements such as nesting hollows/boxes, flowering plants, native understorey and low chemical use.	●	<b>Achieved</b> Ongoing, through Spring and Autumn Sustainability Programs.	●	●	●	●
Data and monitoring	3.15 Continue to monitor the tree canopy across the town, in accordance with the <i>Urban Forest Strategy</i>	●	<b>Partially achieved</b> Urban Forest Strategy currently being finalised. Wembley Golf Course undertakes regular tree canopy and health monitoring.	●	●	●	●
	3.16 Investigate monitoring of fauna and flora population and distribution of protected or locally significant species.		<b>N/A - action to commence 2021/22</b>		●	●	●
<b>4. ENERGY AND TRANSPORT</b>							
<b>Aspiration: To reduce our energy consumption, promote renewable energy use, choose renewable and low carbon materials and products, and facilitate more sustainable transport options.</b>							
Corporate Strategy	4.1 Prepare an <i>Energy Policy</i> to guide the strategic direction of energy use in the Town, including the consideration of targets for reduction in energy use, increase in renewable energy generation and use of low embodied energy materials.	●	<b>Partially achieved</b> Currently being developed internally. Investigate participation in the free Cities Power Partnership program.				
	4.2 Prepare an <i>Energy Management and Monitoring Plan</i> to manage and monitor the implementation of energy strategies.		<b>N/A - action to commence 2020/21</b> However, the Energy Efficiency LED program has been in place for 3 years and a 100kW solar PV system is to be installed at the Wembley Golf Course in June 2020.	●	●		
	4.3 Implement the <i>Bike Plan</i>	●	<b>Achieved</b> Ongoing action, the Ruislip Safe Active Street Plan will be implemented during 2020 (ToC funding.)	●	●	●	●
	4.4 Investigate the preparation of a list of <i>sustainable construction materials</i> that have a low embodied energy (i.e. recycled content, less energy intensive) for council works.		<b>N/A - action to commence 2020/21</b> Not yet started, new products to be identified in conjunction with Waste Minimisation.		●	●	
	4.5 Prepare a <i>procurement guide</i> to guide the use of locally sourced and/or low carbon materials, products and services.	●	<b>Not achieved</b> Not yet started, new products to be identified in conjunction with Waste Minimisation.	●	●		
Council assets and infrastructure	4.6 Continue to implement the Building Energy Efficiency Program including LED replacement, solar installation, efficient air conditioning, evacuated heat tubes.	●	<b>Achieved</b> Ongoing action.	●	●	●	●

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			- Achieved - Partially achieved - Not achieved				
	4.7 Retrofit streetlights with energy efficient lamps, ensuring upgrades are consistent with best practice technology.	●	<b>Achieved</b> LED streetlights installed during the underground power project, 500 lights replaced in 2018-2019 financial year. (Western section of Town complete, eastern section to be completed during 2020.)	●			
	4.8 Pilot emerging technology, such as battery storage, within at least one council asset to further improve energy efficiency.		<b>n/a - action to commence 2021/22</b>		●	●	
	4.9 Install monitoring devices to monitor energy use including time of use and renewable generation.	●	<b>Not achieved</b> To be addressed as part of the Energy Management and Monitoring Plan.	●			
	4.10 Utilise the <i>sustainable construction materials</i> list in the maintenance and construction of new roads and assets.		<b>N/A - action to commence 2020/21</b>	●	●	●	●
	4.11 Investigate the implementation of a minimum of two areas to trial electric car charging stations.	●	<b>Achieved</b> To be completed by March 2020. One charging station to be installed at Floreat Beach and one at the West Leederville Memorial Gardens Carpark.	●			
	4.12 Investigate the provision of a trial electric bike share scheme.		<b>N/A - action to commence 2020/21</b>	●			
	4.13 Investigate the transition of council vehicles to more sustainable alternatives (hybrid / electric).	●	<b>Partially achieved</b> An assessment is being undertaken to investigate the feasibility of transitioning to alternative options. The assessment is sponsored by Synergy.	●	●	●	●
Community advocacy and education	4.14 Continue to provide incentives for energy efficient products and services including solar systems, pool power savers, insulation and energy audits.	●	<b>Achieved</b> Ongoing action through the Switch Your Thinking program and the Spring and Autumn Sustainability Program.	●	●	●	●
	4.15 Continue to provide bike maintenance courses as part of the sustainability education program.	●	<b>Achieved</b> Scheduled to be presented during the Autumn Sustainability Program and Bike Week.	●	●	●	●
	4.16 Continue to run walking, cycling and public transport education programs with schools such as the walk to school initiative.	●	<b>Achieved</b> Ongoing, financial support provided for school breakfasts for participating schools with the condition that audits must be provided for pre and post transportation modes.	●	●	●	●
	4.17 Continue participation in the <i>Switch Your Thinking</i> program to promote sustainable behaviour within the community and businesses.	●	<b>Achieved</b> Ongoing action, workshop series presented through Senior Services during Spring of 2019.	●	●	●	●
	4.18 Utilise the <i>procurement guide</i> in the delivery of community incentives, workshops and/or programs.	●	<b>Not achieved</b> Review of procurement guide to incorporate the use of locally sourced and/or low carbon materials, products and services still be undertaken (Action 4.5).	●	●		

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	4.19 Investigate utilising the <i>sustainable construction materials</i> list to promote the use of low carbon materials in the construction of new homes and buildings within the Town.		N/A - action to commence 2022/23			●	●
Data and monitoring	4.20 Monitor energy performance annually against targets from the <i>Energy Policy</i> .		N/A - action to commence 2020/21	●	●	●	
	4.21 Monitor use of cycling, walking and public transport through the Australian census.	●	<b>Partially achieved</b> Super Tuesday Bike Count undertaken annually (frequency to be investigated). Public transport usage monitored on as needs basis with Public Transport Authority.	●	●	●	●
<b>5. CLIMATE RESILIENCE</b> Aspiration: To be adaptive and resilient to the changes in our weather and climate.							
Corporate Strategy	5.1 Investigate development of a <i>Climate Change Policy / Resilience Plan</i> to ensure risks are identified and addressed and included in strategies and plans.	●	<b>Not achieved</b> Not yet started, report format to be investigated. Include direct linkages to Emergency Management Plan.	●			
	5.2 Investigate the identification of areas potentially impacted by the heat island effect and strategies to alleviate the potential risks, through an <i>Urban Forest Strategy</i> .	●	<b>Partially achieved</b> Draft <i>Urban Forest Strategy</i> to be presented to Council in February 2020.	●			
	5.3 Investigate the identification of high risk coastal erosion areas and strategies to alleviate this risk.	●	<b>Achieved</b> Partially initiated through the dune rehabilitation and groyne/beach maintenance programs. Coastal erosion study to be initiated in 2020.	●	●		
Council assets and infrastructure	5.4 Ensure strategies identified to alleviate climate risk have been implemented in accordance with the proposed <i>Climate Change Policy / Resilience Plan</i> .		N/A - action to commence 2021/22		●	●	
	5.5 Continue to undertake appropriate and timely seasonal management of public open space areas to alleviate bushfire risk.	●	<b>Achieved</b> Ongoing, Public Firebreak Notices also issued to residents.	●	●	●	●
Community advocacy and education	5.6 Continue providing the public with information on managing extreme weather events.	●	<b>Achieved</b> Addressed and conducted under the Town's Local Emergency Recovery Plan.	●	●	●	●
	5.7 Provide community information on adapting to a drying climate and gardening in a drying climate.	●	<b>Achieved</b> Ongoing through the Town's Social media platforms.	●	●	●	●
Data and monitoring	5.8 Investigate monitoring the impacts of a changing climate on the Town including, coastal erosion, heatwaves and heat stress, fire risk and declining rainfall.		N/A - action to commence 2021/22		●	●	●
	5.9 Monitor the effectiveness of adaptation actions in treating identified risks.		N/A - action to commence 2021/22		●	●	●



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			- Achieved - Partially achieved - Not achieved				
<b>6. LEADERSHIP AND GOVERNANCE</b>							
<b>Aspiration: To provide leadership in facilitating monitoring, reporting, collaboration and decision making as well as following an education and awareness approach for achieving more sustainable outcomes.</b>							
Corporate Strategy	6.1 Create a forum where each branch is represented to ensure sustainability actions are adopted and integrated across the organisation.	●	<b>Not achieved</b> To be implemented in 2020.				
	6.2 Collaborate with adjoining local governments to streamline and strengthen sustainability approach.	●	<b>Achieved</b> Ongoing action, e.g. WESROC and SONG programs.	●	●	●	●
	6.3 Identify opportunities for the Town to be involved in sustainability decision making at other levels of government.	●	<b>Partially achieved</b> Continual engagement with Water Corporation and submission prepared to Department of Water and Energy Regulation on Climate Change Issues Paper.	●	●	●	●
	6.4 Ensure sustainability is integrated into the key focus areas of the Strategic Community Plan and Corporate Business Plan	●	<b>Achieved</b> Ongoing action, part of 'Our Environment' section of Strategic Community Plan.	●	●	●	●
	6.5 Integrate actions from this <i>Sustainability Strategy</i> into Town of Cambridge branch operational plans every year.	●	<b>Partially achieved</b> Sustainability related actions incorporated into all Position Descriptions. Branch operation plans are under review / preparation.	●	●	●	●
Council assets and infrastructure	6.6 Provide advice, guidance and support to other departments to ensure strategic actions are successfully implemented.	●	<b>Achieved</b> Ongoing action through involvement in variety of Town actions and responsibilities.	●	●	●	●
Community advocacy and education	6.7 Develop an internal and external communication strategy to showcase sustainability actions.	●	<b>Not achieved</b> No formal strategy developed yet, however, the newly developed Eco News provide information to residents.	●			
	6.8 Continue and expand promotion of the sustainability incentive programs to encourage uptake.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	6.9 Provide information on the Town's sustainability initiatives at annual Cambridge community events.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
	6.10 Maintain sustainability information on the Council website.	●	<b>Achieved</b> Ongoing action.	●	●	●	●
Data and monitoring	6.11 Monitor the financial benefits or costs of adopting sustainability actions and include in annual reporting.	●	<b>Partially achieved</b> Annual renewable energy generated and savings achieved calculated and reported in the Annual report. Also a recommendation to be considered from the Water Sensitive Cities Benchmarking Index report recommendations. To be formalised.	●	●	●	●

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Reporting	6.12 Undertake an annual review of this <i>Sustainability Strategy</i> to track the progress of actions.	●	<b>Achieved</b> First progress report presented to Council February 2020.	●	●	●	●