

Town of Claremont Sustainable Living Action Plan 2018-2020



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1.0 Executive Summary

Like many local governments, the Town of Claremont is in a unique position to be able to positively contribute to the management of its environment and natural resources. The Town has within its locality Lake Claremont a conservation category wetland with thriving flora and fauna. In addition, the Town is bordered by the beautiful Swan River. The Town has already put in place a number of strategies and initiatives to support and enhance these natural environs, and this Action Plan proposes a number of additional strategies to facilitate a greener, cleaner and more environmentally sustainable Town.

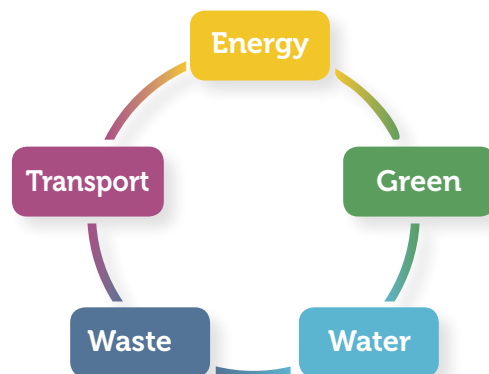
The Town's Strategic Community Plan 'Claremont Ahead 2027' is underpinned by 5 key goals; Leadership & Governance; People; Prosperity, Liveability and **Environment & Sustainability**

Aspirational Outcome: *Environment & Sustainability: We are a leader in responsibly managing the built and natural environment for the enjoyment of the community and continue to demonstrate diligent environmental practices.*

Objective: 'Take leadership in the community in environmental sustainability, with the objective to 'Develop an Environmentally Sustainable Plan by June 2018'.

Strategy: Develop an Environmental Sustainable Plan by 2018.

*This Action Plan will be the key document supporting environmental sustainability across the Town.
The Plan has five key areas of focus:*



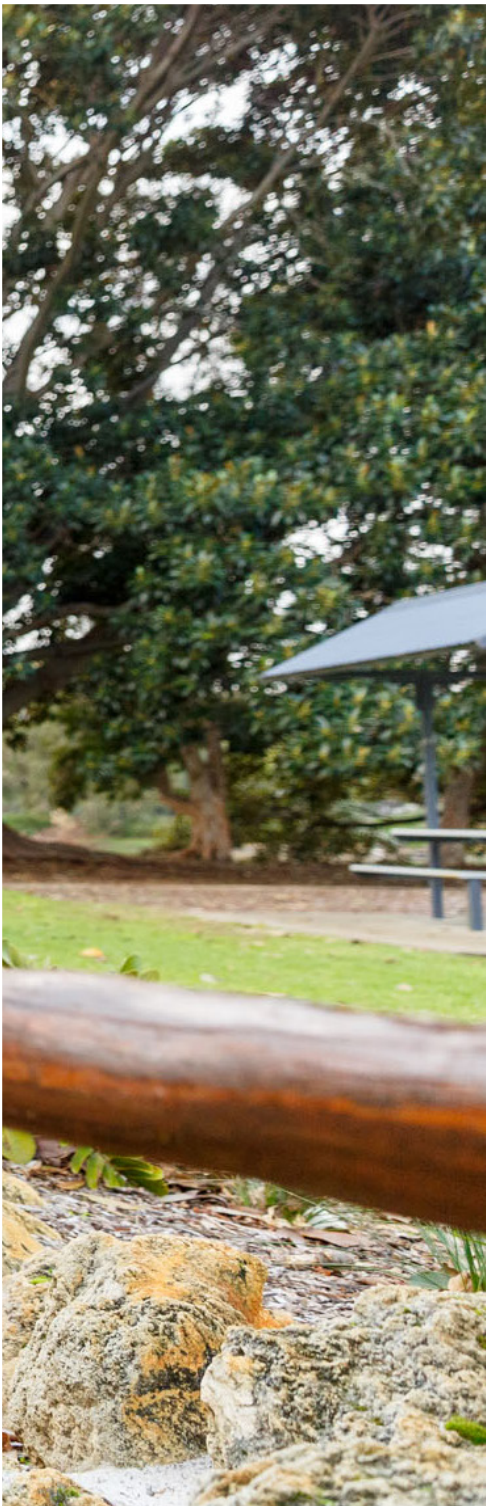
Each key area has number of actions, with identified resource requirements and timeframe.

2.0 Consultation Process

	KEY AREA	CONSULTATION
1	Development of internal working group	Scoping of ideas and issues internally
2	Background research	<p>Desk top research by Project Team to key State Government agencies, local governments, commercial organisations (please refer to Attachment 1: List of Desk Top Research)</p> <p>Interviews with the Towns engineers, asset management and parking services team</p> <p>Talk to industry experts at institutions such as Curtin, Murdoch and UWA</p>
3	Community Survey	Survey people at Celebrate Lake Claremont (please refer to Attachment 2: Results of Community Survey)
4	Online Survey	Advertised in the local newspaper and available online (Please refer to Attachment 3: Results of Online Survey)
5	Draft Review	<p>Executive Management Team</p> <p>WMRC's Earthcarers</p> <p>Elected Members</p>
6	Feedback reviewed	Feedback reviewed and incorporated

This Action Plan is a guiding document to assist in identifying deliverables that can be measured. It will be reviewed annually.





3.0 Challenges

- Behavioural change required in some circumstances.
- Access and availability of resources (human and financial) to implement initiatives and make changes.
- The dependency of vehicles.
- Prohibitive cost of implementing solutions.
- Unexpected market changes, including disruptive technologies, supplier or government driven market changes, e.g. supply changes, regulations, subsidies or surcharges.
- Inadequate resources to successfully research & implement initiatives.
- Inadequate resources to maintain initiatives and keep them topical and interesting.
- Changes in waste disposal, renewal and cost.
- Adapting an established infrastructure to meet changing and growing community needs.

4.0 Opportunities

- Staff engaged in the issues.
- Access to information (global issues with tried and measured initiatives).
- Provision of more localised (WMRC) and relevant information and incentives.
- Access to Earthcarers as a resource.
- Train Station in Claremont with upgrade in 2019 (increased frequency of trains).
- Established tree canopy providing comfort in summer for pedestrians / cyclists.
- Existing bike paths.
- Solar panels on Administration building, possibly additional infrastructure.
- A large amount of advice is available via utilities and other web sites.
- Older assets could be reviewed for improved power saving options.
- LED lighting and solar powered devices.
- Improve our waste collection and recycling program.
- Grants and funding.
- Engaged community with genuine interest in sustainability initiatives.



5.0 Key Guiding Documents

Town of Claremont Strategic Community Plan – Claremont Ahead 2027'

Town of Claremont Corporate Business Plan

Town of Claremont Lake Claremont Management Plan

Town of Claremont Foreshore Management Plan

Town of Claremont Street Tree Master Plan








6.1 Water

Continue to manage our environment to provide clean, accessible water and encourage water use reduction

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.1.1 Facilitate an Education Program on Native Gardening and reticulation	ToC Sustainability Officer Sustainability budget	2 workshops held per annum (CCH & Night Talks)	2018-20
6.1.2 Replace turf or high water plants with local native plants that have a low water requirement where possible	ToC Park staff	All new landscaping to include low water demand plantings	2018
6.1.3 To raise community awareness of the water saving ideas and rebates for water wise accessories	ToC Sustainability Officer. Waterwise accessories	Promotion developed and executed. Information on the website	2018-20
6.1.4 Upgrade Irrigation System to central control (Including access from iPads and iPhones) at all parks and connect to weather monitoring stations for real time adjustment to climate changes	ToC Parks Budget allocation and Parks staff to manage contractors	Budget approved in 2018-19 year Infrastructure installed	2018-19




ACTION	RESOURCE	MEASURES	IMPLEMENT
6.1.5 To review the water quality from our storm water drains to constantly improve water quality	ToC Parks staff	Annual testing and reporting	2018 – 20
6.1.6 Research into the benefits / opportunities of a pool blanket at the Aquatic Centre	ToC Sustainability Officer	Research completed	2019
6.1.7 Engage with the Lake and Foreshore Advisory Committees to advocate for and support our waterways	Committee Representative	Number of meetings held per annum	2018-20
6.1.8 Maintain and promote water fountains to refill water bottles	ToC Sustainability Officer	2 in Town Centre, 1 @ Lake Claremont 1 @ Creswell Park	2018-20

6.2 Transport

Support and encourage more sustainable transport options for getting in and around Claremont.

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.2.1 Implement the Shared Path replacement program	ToC Engineering annual budget allocation	Budget allocation expended annually. Shared path program complete in 2028	2018-28
6.2.2 Advocate for regional Bike network links	ToC Sustainability Officer	Completion of PSP linkage to North Fremantle from Grant Street	2018-20
6.2.3 Review the feasibility of shuttle bus service	ToC Sustainability Officer	Feasibility Study complete Partners identified	2019-20
6.2.4 Implement the Parking Precinct Plan	ToC Ranger Officers	Improve management of parking in residential areas	2018
6.2.5 Encourage Traffic Plans by all private schools	Director Planning ToC Sustainability Officer	Scotch, Christchurch and Methodist Ladies College to have Traffic Management Plans by 2020	2019-20
6.2.6 Where possible reduce the number of the Town's fleet and encourage alternative transportation methods	Executive Office	Fleet reduced by 10% by 2020	2018-20


A photograph of an elderly couple outdoors. The woman, on the left, has short, wavy grey hair and is wearing a blue t-shirt. She is smiling and looking towards the camera. The man, on the right, has short grey hair and is wearing a red polo shirt. He is also smiling and looking towards the camera. He has his arm around the woman's shoulder. In the foreground, the handlebars of a bicycle are visible, suggesting the man is sitting on it. The background is a soft-focus view of green trees and foliage, indicating a park or garden setting.

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.2.7 Provide Transperth Smart riders for company use	ToC Sustainability Officer & Customer Relations	Reduce parking fees for events by 80% annually. Use of Smart Riders compulsory for all officers travelling to events near public transport nodes.	2018-20
6.2.8 Work collaboratively with the PTA to support the best community outcome for the Claremont Station Upgrade.	Executive Office	Regular meetings with PTA Briefings to Council Shared bridge crossover	2018-22

6.3 Energy

Reduce the community's carbon footprint through energy efficiency and conservation, and the use of renewable energy

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.3.1 Regularly review and undertake energy audits of all Council owned buildings.	ToC sustainability Officer to oversee specialist energy auditor	Audit reports completed	2020
6.3.2 Look at actions from the latest Energy Audit and analyse for potential implementation: 2019 – Solar panels for the Aquatic Centre Motion sensor lighting in hallways in Admin building – Energy	Cross organisation. Lead by ToC Sustainability Officer	Analysis completed	2019
6.3.3 Schedule Solar Power & Battery information session for the community	ToC Sustainability Officer to liaise with Clean NRG to provide a public education session	Number of attendees Customer feedback	2018-19
6.3.4 Consider increasing minimum BCA requirement from 6 to 7 or more stars	ToC Officer & Director Planning	Financial viability Community acceptance Update to Town Planning Scheme	2018-19



ACTION	RESOURCE	MEASURES	IMPLEMENT
6.3.5 Provide community access to power consumption measurement tools via the Library	ToC Sustainability Officer (Library). ToC Budget	Number of items “borrowed” Number of items “returned” and condition of device Customer feedback	2018-20
6.3.6 Promote the use of LED lighting, power boards and other power saving ideas	ToC Sustainability Officer	Sustainability web page hits Customer feedback Increased community awareness of good energy practices	2018-20
6.3.7 Set consumption goals (for the Town) based on existing power bills by undertaking an energy audit of all the Towns electricity accounts and review options to reduce costs through an energy plan	Executive & ToC Sustainability Officer	Energy Costs reduced	2018-20
6.3.8 Include LED lighting to street lighting as part of the Underground Power Project	UGP Project Team	All new street lighting is LED at completion of UGP project	2019

6.4 Waste

Support and encourage the reduction of commercial and household waste in our community

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.4.1 Advocate the Responsible Cafes program with local cafes across the Town	Claremont Town Centre Project Officer & Sustainability Officer	Increase in the Number of Cafes signed up to the program	2018
6.4.2 Encourage Boomerang Bags stalls in the Town centre following the plastic bag ban from 1 July	Earthcarers (joint ToC Sustainability officer)	1 Boomerang Bag stall in the Town Centre and 1 in the Swanbourne Shopping Precinct	2018
6.4.3 Review and implement the best waste management system for the Town's Waste Management Collection	ToC Health Business Unit and WMRC	New system implemented	2019-20
6.4.4 Develop a Policy on the use of reusable/compostable utensils for events.	ToC Community Development staff and budget	Gold star ranking Earthcarers	2018
6.4.5 Bin Audits to make residents aware of correct waste streams for all rubbish	WMRC Waste Education unit	Bin Audit report and recommended outcomes is published on website	2019 (in line with 3 bin system)
6.4.6 Public Space Recycling Bins	ToC Sustainability Officer	Install new bin enclosures in CBD and busy public parks by 2020	2018-trial 2020 bins in place
6.4.7 Encourage and support office waste recycling	Office sustainability 'champions'	Cut rubbish stream volume of office by 50% (measurement from 1 July 2018)	2018-20
6.4.8 Provide information and advice to educate the Town's community on waste management initiatives	ToC staff and budget Earthcarers.	4 Sustainability themed education sessions undertaken each year.	2018-20

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.4.9 Support the annual National recycling event 'Garage Sale Trail' through marketing and promotion	ToC Communications	Garage Sales promoted by the Town via this brand	2018-20
6.4.10 Keep Australia Beautiful Litter Campaign	ToC Communications	Participation & Promotion	2018 +
6.4.11 Hold the annual Celebrate Lake Claremont event to promote environmental sustainability initiatives and information to the community	ToC Sustainability Officer	Gold Star Ranking Attendance Figures Community Rating, (min 80% very good)	2018 +
6.4.12 Continue to provide disposal bins at our community facilities for the collection of batteries and other specific recyclables	ToC Communications	Promotion of disposal option	2018 +
6.4.13 Review options for recycled road or path materials	Infrastructure	Research conducted and options considered	2018 +
6.4.14 Reduce paper use at an organisational level	All staff	Swipe card access Volume of stock purchased	2018 +
6.4.15 Use recycled paper where possible for external printing of reports, promotional material and documents	ToC Communications	No. of publications using recycled paper no. < 80%	2018 +
6.4.16 Provide keep cups for staff to use for takeaway	All staff	Reduction in takeaway cups in ToC office rubbish	2018 +

6.5 Green

Support and encourage a greener, native landscape

ACTION	RESOURCE	MEASURES	IMPLEMENT
6.5.1 Provide access to information to residents about the benefits of Urban Tree canopy to promote tree growth and retention	Toc Parks Staff and WESROC	Engage consultant to provide a report and data on canopy changes seen over last five years Reporting on urban tree canopy cover biennially	2019-20
6.5.2 Implement Lake Claremont Management Plan	ToC Bush care officer and parks team with budget items requested as required.	Works undertaken as per schedule in the LCMP Tracking of actions implemented as per the plans existing timeline.	2018-20
6.5.3 Implement the Foreshore Management Plan	ToC Bush care officer and parks team with budget items requested as required.	Works undertaken as per the FMP Tracking of actions implemented as per the plans existing timeline.	2018-20
6.5.4 Continue to show leadership in density infill to support retention of green space	ToC Planning staff	ToC in top 5 local governments in urban density / infill	
6.5.5 Implement disease management controls (Dieback Hygiene) to reduce the spreading of the disease	ToC Parks staff	Disease contained	2018-20



ACTION	RESOURCE	MEASURES	IMPLEMENT
6.5.6 Reduce the amount of glyphosate use for weed killing at Lake Claremont	ToC Parks staff	Reduction to 6 months per annum by 2020	2018
6.5.7 Implement the Town's Street Tree Master Plan	ToC Parks staff	Increased number of street trees	2018 - 2020
6.5.8 Develop and implement the Fire Management Plan for Lake Claremont	ToC Ranger staff	Compliance to recommendations in the Fire Management Plan	2019
6.5.9 Use the Town's pruning's for mulching	ToC Parks staff	All tree material to be turned into mulch for public gardens	2018
6.5.10 Soil improvements to increase water retention	ToC Parks staff	Actions to reduce irrigation demand trialled and implemented across parks, tree planting and street gardens.	2018
6.5.11 work wth partners to create public gardens for sustainable living	ToC Sustainability Officer	Partners identified Land identified Project delivered	2018 - 2020

7.0 Attachments

List of Desk Top Research

The sustainability Project tTeam conducted research into initiatives and strategies that already exist to provide the team with background information around each topic area:

KEY AREA	RESEARCH
Water	<ul style="list-style-type: none">Water Corp and Local Government Websites.Water wise Verge incentive scheme at WaterCorp and other Local Governments.Pool Blanket rebates.Rebates for PensionersShower head exchange and other low flow devices.Water Corp Waterwise action plans.Irrigation improvements.
Transport	<ul style="list-style-type: none">Encouraging pedestrian activation.Encouraging cycling within the Town.Reducing reliance on petrol vehicle use to reduce congestion in the Town.Assess footpath condition, types and potential locations for upgrade.Review public transport network.Potential use of electric vehicles and share cars.

<p>Energy</p>	<p>Energy conservation techniques e.g. PC hibernation, LED bulbs, use of power strips.</p> <p>Solar power & battery review, e.g. capacity, installation, buy-back schemes.</p> <p>Air-conditioning efficiency, e.g. shops with open doors in summer.</p> <p>Town electricity usage and bills, e.g. pool versus administration centre.</p> <p>Power usage measurement tools.</p> <p>Solar Quotes, Choice and other websites.</p>
<p>Waste</p>	<p>Household waste reduction strategies.</p> <p>Coffee cup reduction strategies.</p> <p>Education around home waste management such as composting and worm farms.</p> <p>Three bin system for ratepayers target 2020.</p> <p>Ban on single use plastic bags from businesses in Town.</p> <p>Recycling in Town Centre/CQ/Swanbourne.</p> <p>Cost of waste management to the Town.</p> <p>Cost/benefit analysis of waste reduction.</p> <p>Administration building recycling initiatives</p> <p>Recycling stations for battery/globes/mobile phones/cartridges.</p> <p>Grants available for the Town to apply for use for on waste reduction strategies.</p>
<p>Green</p>	<p>Encouraging retention of greenspace in private property.</p> <p>Encouraging enjoyment and engagement with greenspace.</p> <p>Reducing irrigation dependant landscapes.</p> <p>Assess changes in greenspace within the Town.</p> <p>Review current Town Planning Scheme.</p> <p>Review current greenspace tree policies around Perth metropolitan areas and Australia wide.</p>

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