

TOWN OF BASSENDEAN

NOTICE OF MEETING OF THE SUSTAINABILITY COMMITTEE

Dear Committee Member

A meeting of the Sustainability Committee of the Town of Bassendean will be held in the Council Chamber, 48 Old Perth Road, Bassendean, on Tuesday 2 October 2018, commencing at 7.00pm.



Mr Bob Jarvis
CHIEF EXECUTIVE OFFICER

28 September 2018

AGENDA

1.0 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

Acknowledgement of Traditional Owners

The Town of Bassendean acknowledges the past and present traditional owners of the land on which we gather to conduct this meeting, and pays its respects to their Elders, both past and present.

2.0 ATTENDANCES, APOLOGIES AND APPLICATIONS FOR LEAVE OF ABSENCE

Apologies

Cr McLennan

3.0 DEPUTATIONS/PRESENTATIONS

One Big Buy - Mr Luke McAllister will provide a deputation regarding solar bulk buy

4.0 CONFIRMATION OF MINUTES

4.1 Sustainability Committee Meeting held on 3 July 2018

OFFICER RECOMMENDATION – ITEM 4.1

That the minutes of the Sustainability Committee meeting held 3 July 2018, be confirmed as a true record.

5.0 ANNOUNCEMENTS BY THE PRESIDING PERSON WITHOUT DISCUSSION

6.0 DECLARATIONS OF INTEREST

7.0 BUSINESS DEFERRED FROM PREVIOUS MEETING

8.0 REPORTS

8.1 Recycling & Waste Management Planning report (Ref: ENVM/PLANNG/1 - Simon Stewert-Dawkins)

APPLICATION

The purpose is to provide a Recycling & Waste Management Planning report which will be used to inform the development of a future Waste Management Strategy.

ATTACHMENTS

Attachment No. 1

Bassendean Recycling & Waste Management Planning report

BACKGROUND

On Saturday 7 July, the Town of Bassendean held a Recycling & Waste workshop which brought together waste management experts and key stakeholders from the Town, including Councillors and members of the Sustainability Committee.

COMMUNICATION & ENGAGEMENT

Prior to the Recycling and Waste Workshop, a short online survey was conducted with attendees to gain an understanding of current perceptions of the Town's waste performance and from the survey, the visions for waste management in the Town included:

- To be a leader in waste minimisation / management
- Reduce waste to landfill – significantly (zero waste)
- Decrease consumption and incentivise waste reduction and reuse of products
- An engaged and educated community that uses services correctly
- New services - FOGO
- Community composting and community gardens
- Local recycling options, development of commercial enterprises and using technology to facilitate change and connections
- Reduced littering and illegal dumping in the environment

The Recycling & Waste workshop was facilitated by the Western Australian Local Government Association (WALGA) Manager Waste & Recycling and participants received presentations from the Waste Authority Chairperson, the Eastern Metropolitan Regional Council – Director Waste Services and Suez Waste Management.

STRATEGIC IMPLICATIONS

Natural Environment:

Objectives <i>What we need to achieve</i>	Strategies <i>How we're going to do it</i>	Measures of Success <i>How we will be judged</i>
2.1 To display leadership in environmental sustainability	2.1.1 Strengthen environmental sustainability practices and climate change mitigation	Waste reduction ratio to population
	2.1.2 Reduce waste through sustainable waste management practices	Carbon emissions ("Planet Footprint")
	2.1.3 Initiate and drive innovative Renewable Energy practices	

COMMENT

The specific areas to be covered in the Recycling & Waste workshop were as follows:

- Waste avoidance, reuse and buy recycled policies, approaches and options for the Town [Internal Local Government operations].
- Waste avoidance and recycling education and engagement approaches for Residential and Commercial [External facing engagement].
- Kerbside services, for example Food Organics and Garden Organics service introduction (in 2020/21 financial year).
- Verge side services, for example on demand collections (e.g. white goods, timber and mattresses).
- Drop off services, for example future EMRC services and additional residential recycling events.

The workshop participants reviewed key areas of recycling and waste service, considered what the Town could do in each area, what opportunities there were within each area, what the challenges would be encountered and how to address these challenges.

Attached to this agenda is a report prepared by WALGA on Bassendean Waste Management Planning Session. This report captures the information gathered from the Recycling & Waste workshop presenters and feedback provided by the participants.

It is intended that the attached report will be used to inform the development of a future Town of Bassendean Waste Management Strategy.

It should be noted that at the September 2018 Ordinary Council Meeting, Council resolved to commit to introducing FOGO (Food Organics & Garden Organics) at the same time as the introduction of the third bin through the Better Bins Program rollout.

As a result, on 26 September 2018, the Town wrote to the EMRC requesting immediate initiation of an amendment to the current greenwaste windrow licence to permit the processing and management of FOGO waste at the Red Hill Waste Management Facility, operational by 1 July 2019; and requests the EMRC to continue to investigate a scalable anaerobic digestion facility for the long term management of FOGO waste.

Once the Town has received written advice that the EMRC has submitted an application to the Department of Water and Environmental Regulation to permit FOGO to be processed and managed at Red Hill Waste Management Facility, officers at the Town will commence contractual arrangements to initiate the roll out of the third bin program.

FINANCIAL CONSIDERATIONS

As part of the Town of Bassendean's Workforce Plan, Council allocated funding in the 2018/2019 Budget to employ a Recycling & Waste Officer. The position has been advertised and once the person commences in the new position, it is intended that they will be involved in the implementation of the better bins program and refer to the attached Bassendean Waste Management Planning report to prepare a draft Waste Management Strategy for consideration.

OFFICER RECOMMENDATION – ITEM 8.1

That the Sustainability Committee:

1. Receives the Bassendean Waste Management Planning report from the Waste & Recycling Workshop held in 7 July 2018; and
2. Notes that the Bassendean Waste Management Planning report will be used to inform the development of a future Town of Bassendean Waste Management Strategy.

8.2 Sustainability Initiatives updates (REF ENVM/PLANNING/1 – Jeremy Walker, Senior Environmental Officer)

APPLICATION

The purpose of the report is to provide an update on the following previous Sustainability Committee recommendations:

1. Electric Car charging station
2. Sustainable House day Event;
3. Sustainability Community Grants & Projects;
4. Climate Clever Schools
5. EMRC facilitation of bulk buying solar scheme

ATTACHMENTS

Attachment No. 2:

- a) Hawaiian letter of 12th September 2018 - Electric Charging station
- b) Proposed charging station Location
- c) EMRC report on Bulk buying Solar scheme
- e) Climate Clever Schools information flyer
- f) City of Swan worm farm subsidy fact sheet
- g) City of Cockburn Sustainability Grants brochure

BACKGROUND

At the March 2018 Sustainability Committee meeting (SC – 5/03/18), the Committee recommended and the Ordinary Meeting of Council (OCM - 25/04/18) in part, resolved:

- Lists for consideration in the 2018/2019 draft Budget \$6,000 to provide an electric charging station and Town officers investigate a suitable location for the installation of the electric charging station.
- Town officers contact Hawaiian to request that they also consider installing an electric car charging station at the Bassendean Shopping Centre
- Council investigates a third party to facilitate a bulk buy solar incentive scheme and investigate the “Switch Your Thinking” programme, to report back to this committee
- Lists \$10,000 for consideration in the draft 2018/2019 Budget to initiate sustainability grants for community sustainability projects
- Lists \$10,000 for consideration in the draft 2018/2019 Budget for community education programmes** Refer to OCM-23/07/18 below; and
- Lists \$5,000 for consideration in the 2018/2019 Budget for the Climate Clever programme.

At the May 2018 Sustainability Committee meeting, the Committee noted the updates provided by Officers and the Ordinary Council Meeting (OCM – 14/06/18) resolved in part to requests that staff give recognition to businesses who have already gone plastic free through a poster and free marketing on the Town’s social media sites and through the Bassendean Briefings; for Officers investigate the possibility of a scheme for composting food waste from Town events; and Officers implement the IT technology used for ‘Keen on Halloween’. This will allow residents of the Town of Bassendean to alert their neighbours to the fact that they are keen to receive food scraps for chicken food, compost bins, and/or worm farms.

At the July 2018 Sustainability Committee meeting, the Committee noted the updates provided by Officers and the Ordinary Council Meeting (OCM-23/07/18) resolved in part, to uses \$5,000 of the \$10,000 Community education funding listed in the draft 2018-19 Budget for Switch Your Thinking program and to undertake the following:

- Contact Hawaiian regarding clarification on previous letter in regards to Electric Charging station;
- Contact the EMRC to request further information on facilitation of a bulk Solar buying Scheme; and

- Provide update on Sustainable House Day scheduled to take place on Sunday 16 September at Alf Faulkner Hall, Eden Hill.

COMMUNICATION & ENGAGEMENT

As outline in the comments section below.

STRATEGIC IMPLICATIONS

Natural Environment:

Objectives <i>What we need to achieve</i>	Strategies <i>How we're going to do it</i>	Measures of Success <i>How we will be judged</i>
2.1 To display leadership in environmental sustainability	2.1.1 Strengthen environmental sustainability practices and climate change mitigation	Waste reduction ratio to population
	2.1.2 Reduce waste through sustainable waste management practices	Carbon emissions ("Planet Footprint")
	2.1.3 Initiate and drive innovative Renewable Energy practices	

COMMENT

In regards to the July 2018 Sustainability Committee meeting, the following updates are provided:

Electric Car Charging Station

As outlined above, in April 2018, Council (OCM 25/04/18) resolved in part to:

- list for consideration in the 2018/2019 draft Budget \$6,000 to provide an electric charging station;
- investigate a suitable location for the installation of the electric charging station;
- contact Hawaiian to request that they also consider installing an electric car charging station at the Bassendean Shopping Centre.

On 28 June 2018, Hawaiian provided the attached letter of response advising that it is currently not in a position to purchase and install a charging station at this time, however it intends to monitor the electric vehicle market closely and if customers' developing needs require charging stations, then they will reconsider.

In accordance with OCM 25/04/18, Officers have investigated possible installation locations for the Towns funded electric car charging station. Officers have identified one suitable location (see attachment b) that meets all the requirements, in undertaking the investigation, Officers met with electricians on site to determine if the proposed sites were suitable or possible for power connections and were in-line with Council policy. The proposed location of James St - BIC reserve carpark has two suitable bays with access to both single phase & 3 phase power and a switchboard within 5 metres, the parking bays are located within walking distance to Town centre and amenities making the location an ideal spot for the charging station.

Sustainable House Day

Officers booked the Alf Faulkner Hall for the Sustainable House Day event on Sunday 16 September, 4pm to 7pm. The Director of the Forever Project, Chris Ferreira, presented the 3 hour ECO retrofit workshop. The workshop focused on the latest energy efficiency gadgets and techniques, passive solar landscaping, building design and renewable energy systems, and was aimed at helping residents design and reshape to make their premises more energy efficient and resilient in WA's tough 21st Century climate. The event was advertised through the Town of Bassendean webpage, Facebook page, forever project social media outlets and through Sustainable house day participant's social media. The Town had 15 people register to attend the Event. The Honourable Dave Kelly MLA. Minister for Water; Fisheries; Forestry; Innovation attended part of the workshop. Only 3 of the registered participant's attended the event and an extra 4 residents that did not register attended.

Sustainability Community Grants & Projects

The 2018/2019 budget includes \$10,000 to initiate sustainability grants for community sustainability projects. To assist in the Sustainability Committee's discussions, the following information is provided on potential Subsidies and Community Grants

In 2011, the Town of Bassendean initiated a native plant subsidy called "Plants to Residents" scheme. Currently this scheme offers residents native seedlings for a subsidised costs of \$1.00 with all plants in tube stock.

The "Plants to Residents" scheme supports Councils (OCM1 – 4/09/09) endorsed Biodiversity Strategy and the establishment of natural habitat in backyards and verges across the Town.

The program aims to promote the revegetation of residential properties with local native trees, shrubs and groundcovers. Planting not only improves landscape quality but also provides an array of environmental benefits such as shade, carbon sequestering and shelter for birds, reptiles and small mammals.

Officers have investigated what other Local Governments are offering residents in terms of Sustainability Grants and /or Subsidies. At the 13th March 2018 Sustainability Committee meeting officers presented a range of different options that Local Governments are offering residents across Perth. The options currently being offered across Perth are either subsidies for residents wanting to compost using worm farms, Bokashi Bins or compost bins or a Grant for community groups to spend on a sustainability project.

It should be noted that the Bokashi composting is an anaerobic process that relies on inoculated bran to ferment kitchen waste, including meat and dairy, into a safe soil builder and nutrient-rich tea for your plants.

The Towns Community Development Services are in the process of developing a Town of Bassendean Community Grants program similar to that of the City of Bayswater. This program will have a link on the Town of Bassendean's webpage and a printed booklet advertising to residents the range of grants available for the community. It is anticipated that the sustainability grant and "Plants to Residents" scheme will be included into this program to be advertised to the community with all the grants available from the Town.

Subsidy

The City of Swan currently offer their residents a worm farm subsidy (attachment f) and offer a Free workshop for Residents wanting to participate in the program. The cost of the workshop is \$363.64 Ex gst and each worm farm is \$225 to which the City subsidize \$110 leaving the balance of \$115 for the resident.

The Town of Bassendean 2018/2019 includes a budget allocation for community education programmes, so if the Town were to implement the same scheme we could offer 4 workshops per year and 85 worm farm subsidies or 2 workshops per year and 92 worm farm subsidies ,

The City of Swan have provided some figures below for their uptake of this program:

Financial year	No. of Workshops Held	Total Attendees	No. of Subsidised Worm Farms Purchased	No. of Subsidised 1kg of Worms Purchased	Avg attendees per workshop	Avg worm farms sold per workshop
2014/15	4	114	62	N/A	29	16
2015/16	6	164	59	N/A	27	10
2016/17	6	152	57	6	25	10
2017/18	6	105	45	8	18	8

Several other Local Governments offer a similar scheme such as the City of Melville and City of Cockburn.

Community Grant

The City of Cockburn provide grants relating to six sustainability themes that Small businesses, schools, not-for profits and collective households can apply for, the successful applicants can apply for up to \$4,000 towards the project (attachment g). T

The City of Joondalup offer \$25,000 in funding each year as part of the Environmental Development Community Funding Program, funding is provided over two funding rounds and is available to community groups and schools.

These grants aim to assist community groups and schools with projects, events, and activities that increase awareness of environmental issues, promote positive environmental behaviour, and protect the City's natural areas.

Should the Committee/Council wish to consider providing community grants, it is recommended that the selection criteria requires that the applicant addresses the selection criteria.

In order for a Local Government to be confident that the Community Sustainability Grant funding provided is expended to deliver an agreed outcome, it is recommended a selection criteria be developed that requires applicants to demonstrate their ability to deliver the intended outcome including evidence of financial management and demonstrate capabilities.

Depending on the grant submissions received, the Committee may wish to recommend to Council that the budget allocation be distributed between different community groups or if deemed appropriate, to one group who will deliver a sustainability project to our community.

In accordance with the Committee's recommendation and Council (OCM-23/07/18) resolution, the Town has signed on to the "Switch Your Thinking" program, which allows the Town to offer rewards to residents wanting to make their home more sustainable. The rewards program offers residents discounts on products that will help cut waste and reduce energy and water use. A full list of rewards can be found on the switch your thinking website: <https://www.switchyourthinking.com/our-projects/rewards-for-residents/>.

- Climate Clever Schools Program

In accordance with the 2018/2019 budget (OCM-23/07/18) allocation, Officers met with "Switch Your Thinking" Managing Director - Vanessa Rauland. The attached flyer was provided and Officers will meet with Managing Director again on the 2nd of October to discuss more details in how to implement the program. An information session date for Schools & parents has been tentatively booked for 12th of November 2018 and a flyer will be produced to be circulated amongst Schools in Bassendean.

EMRC Bulk buying Solar Scheme

The Eastern Metropolitan Regional Council (EMRC) provided a response to officers on 20 September 2018, in regards to facilitating a Solar Bulk Buy Scheme (Attachment c). EMRC has advised that Council has the following two options:

1. Negotiate a better discount for all residents through one specific supplier via a tender process, but the resident pays - It is difficult to estimate administration costs for such a scheme as this would depend on the nature of the scheme that member Councils preferred and it would also depend on the final scope of the tender
2. Purchase the systems at a discount and arrange for the residents to pay back the installation, for example through rates - purchase of assets for on-selling exposes a Council to a much higher financial risk and legal obligations. Such a scheme is also likely to require a significant level of administration.

The EMRC has advised that it believes a bulk buy scheme is possible, but question if the EMRC is the correct facilitator of the scheme. If the Town wish to proceed with the EMRC, a formal request, including a detailed framework, must be given to the EMRC to develop a business case.

The Town has recently joined the switch your thinking program which entitles the Town's residents to access the rewards to residents program, Rewards for residents supports residents to make their home more sustainable. Switch your thinking has partnered with local businesses to offer our residents discounts on products that will help you cut waste and reduce energy and water use such as Solar panels.

FINANCIAL CONSIDERATIONS

In accordance with the Sustainability Committee held in March 2018 and Council (OCM - 25/04/18) resolution, the following funds have been listed in the 2018/2019 Budget:

- \$6,540 to provide and install an electric charging station
- \$10,000 to initiate sustainability grants for community sustainability projects;
- \$10,000 community education programmes** Refer to OCM-23/07/18; and
- \$5,000 for the Climate Clever programme.

OFFICER RECOMMENDATION – ITEM 8.2

That the Sustainability Committee:

1. Receives the letter from Hawaiian advising the Town that it will not be installing an electric car charging station at this time;
2. Receives the update on the suitable location for Towns electric car charging station to be installed in the James St carpark opposite BIC Reserve;
3. Receives the update on the Sustainable House Day community workshop held on the Sunday 16 September 2018;
4. Receives the information provided on Community Grant options provided from other Local Government Authorities;

5. Recommends to Council, that the preferred option for the Community Grants scheme is for the Town of Bassendean to:

a) subsidises worm farms and provides 4 free workshops per year with 85 worm farms;

OR

b) subsidises worm farm and provides 2 free workshops per year with 92 worm farms;

OR

c) offers Community grant funding to Town of Bassendean residents up the value of \$10,000 allocated in the 2018/2019 budget, which requires the Sustainability Committee to:

i. prepare a draft application form and grant funding selection criteria for Council consideration that will demonstrate the applicants ability to deliver the intended outcome including evidence of financial management and demonstrate capabilities; and

ii. Assess the Community grant applications received against the approved selection criteria and to make recommendation to Council as to how the grant funding shall be distributed or expended.

6. Receives the update on the Climate Clever Schools program with information session booked for 3:30pm on the 12 November 2018;

7. Receives the Eastern Metropolitan Regional Council feedback regarding the Bulk Buying Solar Scheme and recommends to promote to residents in the Town, the "Switch Your Thinking" program for discounted solar photovoltaic (PV) systems.

8.3 Climathon (REF ENVM/PLANNING/1 – Jeremy Walker, Senior Environmental Officer)

APPLICATION

The purpose of the report is to advise that a Climathon event will commence at 12.15pm Friday 26 October 2018 until 12.15pm Saturday 27 of October.

ATTACHMENTS

Attachment No. 3:

Challenge template Waste Management

BACKGROUND

Climathon is a global movement dedicated to solving city climate challenges, originally conceptualized as a 24-hour hackathon by Climate-KIC, which is Europe's largest public-private innovation partnership focused on climate innovation to mitigate and adapt to climate change

More information regarding Climathon can be found at: <https://climate-kic.org.au/our-programs/climathon/>

Climathon has since taken off as a global movement, engaging citizens on climate action—and providing cities with continued support on the unique challenges they face.

On 27 October 2017, the Town of Bassendean hosted the Climathon Event on behalf of Perth. The Climathon challenge aimed to develop ideas for how the residents, businesses and community within the Town of Bassendean can contribute to Australia's climate change target to reduce emissions by 26-28% on 2005 levels by 2030 through innovative renewable energy practices.

The 2017 Climathon challenge aligned with the Town of Bassendean's Community Strategic Plan and the Town's Carbon Reduction Plan.

COMMUNICATION & ENGAGEMENT

Curtin University Sustainability Policy Institute (CUSP) Professor Greg Morrison has liaised with the Senior Environment Officer and the Mayor regarding the Climathon event.

STRATEGIC IMPLICATIONS

Natural Environment:

Objectives <i>What we need to achieve</i>	Strategies <i>How we're going to do it</i>	Measures of Success <i>How we will be judged</i>
2.1 To display leadership in environmental sustainability	2.1.1 Strengthen environmental sustainability practices and climate change mitigation	Waste reduction ratio to population
	2.1.2 Reduce waste through sustainable waste management practices	Carbon emissions ("Planet Footprint")
	2.1.3 Initiate and drive innovative Renewable Energy practices	

COMMENT

In 2017, the Town of Bassendean hosted the Climathon event for the first time, Clean and Renewable Energy solutions' was the focus. The 'Regen Basso' team took the prize in Bassendean, meeting the goal of "local renewable energy initiatives" by proposing a community scale solar panel installation.

In 2018 the Climathon challenge category is waste and Curtin University Sustainability Policy Institute (CUSP) Professor Greg Morrison has prepared a draft challenge template for the Sustainability Committee to review and make comments (see attachment).

As the Committee is aware, on 7 July 2018, a Recycling & Waste workshop was held with Council and the Sustainability Committee, facilitated by the Western Australian Local Government Association (WALGA) Manager Waste & Recycling and participants received presentations from the Waste Authority Chairperson, the Eastern Metropolitan Regional Council – Director Waste Services and Suez Waste Management. Attached to this agenda is a copy of the Bassendean Recycling & Waste Management Planning report which was generated by the participants at the workshop.

Officers have booked the Bassendean Seniors & Community Centre located at 46 Old Perth Road, Bassendean for the event. The Climathon event which will run from 12.15pm Friday 26 October until 12.15pm Saturday 27 October.

Officers have organised Western Australian Local Government Association (WALGA) Manager Waste & Recycling and Suez Waste Management to give short presentation on waste to the participants of the event.

FINANCIAL CONSIDERATIONS

The Town of Bassendean is providing the hire (\$18/hr) of the building Bassendean Seniors & Community Centre as in-kind costs.

Curtin University Sustainability Policy Institute has indicated that it will be funding the Climathon event along with a prize to the value of \$1,000 for the winning group.

OFFICER RECOMMENDATION – ITEM 8.3

That the Sustainability Committee:

1. Notes that Climathon event will occur at the Bassendean Seniors & Community Centre from 12:15pm Friday 26 October until 12:15pm Saturday 27 October 2018; and
2. Receives the draft Climathon Challenge template prepared by Curtin University Sustainability Policy Institute (CUSP) and provide comments to Town of Bassendean Officers to enable feedback to be provided to CUSP before the Climathon event.

9.0 MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

10.0 ANNOUNCEMENTS OF NOTICES OF MOTION FOR THE NEXT MEETING

11.0 CONFIDENTIAL BUSINESS

12.0 CLOSURE

Please note, no further meetings are scheduled for 2018.

ATTACHMENT NO. 1

Report
Town of Bassendean – Recycling and Waste Management Planning

Waste avoidance, reuse and buy recycled policies, approaches and options for the Town

[Internal Local Government operations]

Strategy	Initiatives	Opportunities
Engage and empower staff to minimise waste and increase resource recovery	<ul style="list-style-type: none"> • Site visits for Town staff to see where the waste and recycling collections are delivered and how the materials are processed • Revise Building Cleaning Contract specifications and provide communal rather than individual bins. 	<ul style="list-style-type: none"> • Utilise the Waste Authority Right Bin Toolkit – Waste Sorted for internal communications • Site visit to EMRC Hazelmere Resource Recovery facility, Red Hill Landfill and Suez Recycling Facility
Ensure the Town’s office based operations minimise waste and maximise resource recovery	<ul style="list-style-type: none"> • Undertake a waste audit of the Town’s office based waste and recycling streams to identify opportunities for waste avoidance and increased resource recovery. • Investigate and implement source separation of organic waste at the Town’s office, with material collected composted or used. • Investigate and implement source separation of other materials in the Town’s office, including soft plastics, electronic waste. • Investigate ways to reduce waste generation in the Town’s Office, for example no single use plastics, coffee pods etc. 	<ul style="list-style-type: none"> • Reduce operational costs, with less waste being generated and reduce purchasing of unneeded materials. • Include in future contract specifications a clause on the minimisation of waste and increase recovery within in each contract.
Increase the purchase of recycled materials in the Town’s civil works	<ul style="list-style-type: none"> • Put in place a Council Policy which requires recycled materials to be used in civil works. • Put in place a Council Policy which requires maximum recovery of materials generated by the Town’s civil works. • Introduce a requirement for a Waste Management Plan for Construction & Demolition activities. 	<ul style="list-style-type: none"> • Waste Authority funding through the Recycled Construction Products Program (RCPP) – subsidises the purchase of recycled products. \$10K available when the Town implements a Recycled Content Policy • WALGA Template for Waste Management Plan for C&D activities.
Avoid waste in all of the Town’s operations	<ul style="list-style-type: none"> • Consider the type of prizes given away as part of the Town’s operations. Have sustainable/voucher for local restaurant/café instead. • Examine purchasing decisions and seek alternative approaches to undertaking activity (e.g. lease, rather than purchase). 	<ul style="list-style-type: none"> • EMRC Event Trailer and bin covers for events • Waste Authority Community Grants Scheme – funding for waste reduction and recycling

In order to ensure these initiatives are implemented and opportunities taken, the key approaches to meet the challenges were:

- Making it easy for people to do the right thing:
 - Clear communication
 - Competitions and incentives for waste reduction
 - Good engagement
 - Empowering staff to make changes
- Sufficient staff resourcing to implement new initiatives

Information was also requested on approaches used by other Local Governments, what works and doesn't work.

Waste avoidance and recycling education and engagement approaches for Residential and Commercial
[External facing engagement]

Strategy	Initiatives	Opportunities
Engage and educate the community on waste avoidance, reuse and improved source separation.	<ul style="list-style-type: none"> • Engage with the community at events to discuss and show case ways to avoid waste, reuse options and improve resource recovery. • Building on the 2009 EMRC Waste Audits and the 2016 Bin Tagging Program implementation, audit bins and provide residents with feedback on how to improve source separation – as part of the implementation of the Better Bins Program. • School Education Program, for example introducing compost bins. • Utilise Social media to promote waste avoidance options in the local area, how things can be reused and key source separation messages. For example promote Repair Cafes, swap sites. • Continue to promote the "Switch Your Thinking – Responsible Café program" which encourages removal of single use cups from cafes. • Use App or alternative online approach to communicate options for residents. 	<ul style="list-style-type: none"> • EMRC Event Trailer and bin covers for events • WALGA Bin Tagging Program • Utilise the Waste Authority Right Bin Toolkit – Waste Sorted for communications • Existing EMRC and Waste Wise Schools Programs. • Utilise current waste contract where Suez undertakes schools and community waste education programs. • As a partner with the "Switch Your Thinking" programme the Town can offer free community workshops on a variety of topics for example, solar battery storage and climate science adaption.
Engage and educate Local Businesses on waste avoidance, reuse and improved source separation.	<ul style="list-style-type: none"> • Engage with local shops and shopping centres 	<ul style="list-style-type: none"> • Building on existing engagement with businesses to promote key messages.

In order to ensure these initiatives are implemented and opportunities taken, the key approaches to meet the challenges were:

- Making it quick, easy and cost effective for people to do the right thing:
 - Clear communication on waste disposal options and how to use services
 - Motivation and incentives for waste reduction, reuse and source separation
 - Empowering the community
- Sufficient staff resourcing to implement new initiatives

Kerbside services

Strategy	Initiatives	Opportunities
Increase source separation at kerbside by implementing a 3 bin system	<ul style="list-style-type: none"> Implement a three bin system with a Food Organics and Garden Organics system. 140L red lid waste, 360L yellow recycling, 240L Lime green organics. Ensure comprehensive education and engagement approach taken to implementing the system. 	<ul style="list-style-type: none"> Waste Authority Better Bins funding WALGA Bin Tagging Program Work with EMRC & Suez to develop a FOGO system.
Improve data capture, aggregation and use to improve waste management systems	<ul style="list-style-type: none"> Implement a system which can weigh all bins at kerbside to provide information on waste generation and assist in designing interventions to reduce waste. 	<ul style="list-style-type: none"> Funding from the Smart Cities initiative

In order to ensure these initiatives are implemented and opportunities taken, the key approaches to meet the challenges were:

- Ensuring a streamlined roll out of the FOGO systems, learning from other Local Governments who have implemented the system.
- Ensuring low contamination rates for the system, through provision of infrastructure, information and ensuring motivation for residents to use the system.

Vergeside services

Strategy	Initiatives	Opportunities
Implement an on demand system for hard waste vergeside collections.	<p>Increase the amount of materials collected on demand, including:</p> <ul style="list-style-type: none"> Mattresses- priority Timber - priority Metal/BBQ - priority E-waste - priority Mixed material (group dwellings / skip bins and single dwellings) Tyres <p>Institute/facilitate a building waste service – full fee for service.</p>	<ul style="list-style-type: none"> Current contract with Suez includes on call/on demand as an option Increase diversion More convenient service to the resident Reduce illegal dumping Waste Authority Better Practice Program
Continue provision of greenwaste service at current levels.	<ul style="list-style-type: none"> Review use of greenwaste service after the implementation of FOGO system. 	<ul style="list-style-type: none"> Waste Authority Better Practice Program

In order to ensure these initiatives are implemented and opportunities taken, the key approaches to meet the challenges were:

- Engage with the community on the positive elements and opportunities offered by the new approach, to service.

Drop off services

Strategy	Initiatives	Opportunities
Increase community awareness of existing drop off facilities	<ul style="list-style-type: none">• Promote the drop off options currently available at the Library, Customer Service Office and EMRC facilities.	<ul style="list-style-type: none">• Good existing facilities that can be accessed easily
Investigate and develop additional drop off options for the Town	<ul style="list-style-type: none">• Consider the use of Bayswater Transfer Station for joint initiatives, this however would be dependent on the status of the site lease and contractor• Continue Drop off days at the Town Depot• Promote the Hazelmere Recycling facility where residents can recycle mattresses and wood waste.• Investigate drop off centre locations within the Town for future initiatives such as the Container Deposit Scheme	<ul style="list-style-type: none">• Employment opportunities for disadvantaged community members – social, economic and environmental outcomes• Container Deposit Scheme• Grants• Continue to work with the EMRC to expand the Hazelmere recycling facility to include additional materials.

In order to ensure these initiatives are implemented and opportunities taken, the key approaches to meet the challenges were:

- Engage with other Local Governments and the EMRC to provide drop off options for residents
- Ensuring all residents have access to drop off, including those without transportation.

Conclusion

The Town already has a number of waste management initiatives planned in the areas of waste avoidance (internal operations and external focus), kerbside services, vergeside collection and drop off options. The Waste Authority/Department of Water and Environmental Regulation are currently working on Local Government Waste Plans which will provide a consistent framework for Local Governments to plan. For the Town of Bassendean to move forward and implement its ambitious vision for the Town it will be important for the true costs of services to be established and to ensure that there is sufficient staff resourcing to implement new initiatives. Also highlighted at the Workshop was the importance of sharing information with other Local Governments to learn from others' experience.

To facilitate the next stage of the discussion, Appendix 1 outlines current performance, potential targets and the strategies for achieving those targets.

Appendix 1: Potential approach for Local Government Waste Plan

Activity Area	Current Performance	Target	Strategies to Achieve Target
Waste Avoidance – internal focus	TBC	Reduce Town’s waste generation and increase use of recycled materials.	<ul style="list-style-type: none"> Engage and empower staff to minimise waste and increase resource recovery Ensure the Town’s office based operations minimise waste and maximise resource recovery Increase the purchase of recycled materials in the Town’s civil works Avoid waste in all of the Town’s operations.
Waste Avoidance – external focus	TBC	TBC	<ul style="list-style-type: none"> Engage and educate the community on waste avoidance, reuse and improved source separation. Engage and educate Local Businesses on waste avoidance, reuse and improved source separation.
Kerbside – waste	*22%	65% recycled/recovered	<ul style="list-style-type: none"> Increase source separation at kerbside by implementing a 3 bin system Improve data capture, aggregation and use to improve waste management systems.
Kerbside – Recycling			
Kerbside – Organics			
Verge Collection – hard waste	0%*	65% recovered	<ul style="list-style-type: none"> Implement an on demand system for hard waste vergeside collections.
Verge Collection – greenwaste	100%*	100% recovered	<ul style="list-style-type: none"> Continue provision of greenwaste service at current levels.
Drop off	TBC	95% recovered	<ul style="list-style-type: none"> Increase community awareness of existing drop off facilities Investigate and develop additional drop off options for the Town.
Littering and Illegal Dumping	TBC	TBC	<ul style="list-style-type: none"> Increase community awareness through social media of the impact of littering and illegal dumping Investigate and develop additional drop off options for residents Undertake compliance activities to address illegal dumping.

* From 2016/17 Local Government Census

ATTACHMENT NO. 2

Hawaiian
Ground Floor
235 St Georges Terrace
Perth CBD WA 6000 Australia
T+61 8 9426 8888 F+61 8 9322 4303
enquiries@hawaiian.com.au www.hawaiian.com.au
Hawaiian Pty Ltd
ABN 56 062 193 426 ACN 062 193 426

12 September 2018

Mr Bob Jarvis
Chief Executive Officer
PO Box 87
BASSENDEAN WA 6934



By way of email: jwalker@bassendean.wa.gov.au

Dear Mr Jarvis,

**Re: INSTALLATION OF ELECTRIC VEHICLE CHARGING STATION AT
HAWAIIAN'S BASSENDEAN SHOPPING CENTRE**

In response to your letter dated 28 June 2018 and after careful consideration, we write to confirm that Hawaiian is not in a position to purchase and install an electric vehicle charging station at Hawaiian's Bassendean at this time.

Hawaiian is committed to sustainable business practices, preserving resources and minimising our ecological footprint. We expect that our shopping centre strategy will require the provision of electric vehicle charging stations for our customers and the community in the very near future. However, our current budgets and financial planning do not consider these costs in the short term.

We intend to monitor the electric vehicle market very closely and as always, we must understand and recognise our customers developing needs. We remain very open to providing this service in the future and to ensure that it is aligned with the Town of Bassendean strategy.

Should you have any queries or require further information, please do not hesitate to contact the undersigned on (08) 9426 8888.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Scott Greenwood".

SCOTT GREENWOOD
Shopping Centre Portfolio Manager
Hawaiian




 Town of Bassendean
 35 Old Perth Road
 Bassendean WA 6054
 Phone: 9377 8000
 Fax: 9279 4257
 Email: mail@bassendean.wa.gov.au

Disclaimer: The Town Of Bassendean accepts no responsibility for the accuracy of this image or the results of any actions taken when using this image. This map is based on information provided by and with the permission of the Western Australian Land Information Authority.

James St opposite BIC Reserve

10/09/2018

Scale: 1:500



Response to Town of Bassendean on Solar Bulk Buy Scheme

Prepared by Manager Environmental Services

Reviewed by Director Regional Services

Date: 20 September 2019

BACKGROUND

The Town of Bassendean's Sustainability Committee requested Bassendean officers to investigate the option of a third party to facilitate a solar power bulk buying incentive scheme.

The EMRC was approached by the Town of Bassendean on behalf of its Sustainability Committee to request information regarding whether the EMRC is in a position to facilitate such a process and if so what is required from the Town and the likely timeframes for EMRC to undertake the scheme.

REPORT

EMRC staff commenced some preliminary investigations into the possibility of a solar PV bulk buy scheme within the region.

It would appear that in terms of undertaking a solar bulk-buy scheme, a Council can either:

1. *Negotiate a better discount for all residents through one specific supplier via a tender process, but the resident pays* - It is difficult to estimate administration costs for such a scheme as this would depend on the nature of the scheme that member Councils preferred and it would also depend on the final scope of the tender.
2. *Purchase the systems at a discount and arrange for the residents to pay back the installation, for example through rates* - Purchase of assets for on-selling exposes a council to a much higher financial risk and legal obligations> Such a scheme is also likely to require a significant level of administration.

In undertaking the preliminary research into a solar PV bulk buy scheme EMRC staff identified that discounts vary across the industry and a tender process is likely to be the best way of providing best value.

Unfortunately, without additional information on the scope of a scheme and the number of Councils or residents involved, it is not possible to estimate the costs to the EMRC of putting together such a scheme or to put a timeframe around this. Further, the EMRC is also not in a position to be able to provide certainty in terms of the likely discount or savings which could be realised, as this is highly dependent on the nature of the scheme.

Research has indicated that there aren't any WA bulk buys on offer at this point in time. The Energy Matters website gives a good overview of what's possible and provides a directory of existing schemes - <https://www.energymatters.com.au/residential-solar/solar-bulk-buy-community-solar-directory/>.

For some more information on existing solar bulk-buy schemes operating in Australia, please see:

- Council scheme – <http://www.eastgippslandbulkbuy.com.au/>
- Supplier scheme - <https://info.jimsenergy.com.au/solar-bulk-buy>
- Community scheme - <http://www.communitybulkbuy.com.au/solar-bulk-buy/>
- Community scheme - <http://farmingthesun.net/bulk-buys/>

The EMRC staff are of the view that whilst a solar PV bulk buy scheme is possible, the question remains as to whether it is something the EMRC would undertake. This would need further investigation in terms of risks, financial, legal and procurement implications and whether there is sufficient interest from member Councils for a regional scheme.

As member Councils would be aware a review of the current EMRC Establishment Agreement will be undertaken in the coming year and the extent of this review and what projects/services remain or what new projects/services would be considered into the future is yet to be determined.

For any new project/service to be considered, the EMRC would need to prepare a comprehensive report that is then considered by the Chief Executive Officers Advisory Group and the EMRC's Council and it may be premature to do that until such time as the review of the Establishment Agreement has concluded.

If the Town of Bassendean wishes to progress a regional solar bulk buy scheme for member Councils then a formal request, including a detailed framework, to the EMRC to develop a Business Case around all the options would be required so that an informed decision could be made.

CONTACT DETAILS

Wendy Harris
Director Regional Services
Eastern Metropolitan Regional Council
226 Great Eastern Highway, Belmont WA 6104
EMRC: 08 9424 2222
Direct: 08 9424 2208
Mobile: 0437 319 779

About Us

ClimateClever is a social enterprise made up of a team of passionate sustainability and climate professionals with backgrounds in research, policy, industry, education and infrastructure. We bring a unique set of skills combining academic action-based research with industry best practice, to empower schools and organisations to achieve measurable sustainability and climate goals.

The ClimateClever Initiative is a partnership between Curtin University, the Cooperative Research Centre (CRC) for Low Carbon Living and ClimateClever with proud support from AMP Foundation, Horizon Power, The City of Cockburn, the City of Cambridge and Denmark Community Windfarm.

The Program

The ClimateClever Initiative is a new and engaging program designed specifically to help schools measure, monitor and reduce their carbon footprint, and become leaders in sustainability and climate action in their community.

Developed following years of research and successful pilots and demonstration projects, the 2018 ClimateClever program has distilled the most effective components of these pilots to create a new data-driven web App, consisting of three interactive online tools. The App enables schools around Australia to easily calculate and track their carbon footprint, conduct an audit of their school buildings, and create a personalised action plan to reduce consumption, costs, and carbon emissions across all utilities.

The program is also supported by curriculum materials to enable teachers to use the App in the classroom to ensure the program is primarily student-led. We also hold quarterly in-person meet-ups with groups of participating schools to help keep them accountable and enable them to share experiences.



Tree planting in Yarloop
Credit: David Baylis and Community Newspapers

The Online Tools



Measure

Our online **Carbon Calculator** helps schools calculate their carbon emissions, providing benchmarks and baselines to allow the school to track emissions and costs annually and compare results with schools across the country.



Audit

Our online **Building Audit Tool** allows students to record and understand how their school buildings and facilities consume resources and impact their overall carbon footprint. This can be tracked annually and assets can be compared with other schools.



Action

The personalised online **Climate Action Plan** provides advice on how to systematically reduce schools' carbon footprint. It enables schools to assign tasks and actions, set deadlines, track monitor progress and share experiences.

Why Schools?

Buildings contribute about 11% of Australia's energy consumption and represent some of the most cost effective carbon reduction opportunities. There are over 1130 schools in WA, many of which are ageing and becoming increasingly inefficient. Our program is demonstrating how simple, low cost actions can massively reduce energy, water and waste consumption within schools.

Furthermore, as schools form a pivotal role in society, connecting many people, they provide an ideal opportunity for councils to engage with their local community and have a real and quantifiable impact.

Why Councils

Australia currently ranks fourth last out of 57 countries in global climate change action, and yet research and engagement consistently shows local communities' rate a healthy environment and strong action on climate change as top priorities. Many local governments already have strong climate and carbon reduction targets and KPI's. As the level of government closest to the community, local councils are more agile and can affect change quickly and more effectively than other levels of government. However, they often lack the resources or capacity to deliver programs that deliver significant, measurable results, or at a wide enough scale.

Together, we can make a huge difference!



How Councils Benefit from the Program

There are numerous ways your council can benefit from a partnership with ClimateClever including:

A concrete and measurable way to meet your own carbon reduction commitments and sustainability goals

Our program is a cost effective, wide-reaching initiative that delivers results in an area that's often hard to target and measure by councils. Many LGAs have climate commitments and KPIs in their strategic plans but councils often lack the resources or momentum to introduce new programs or measure the results of existing ones. Partnering with us means you will be able to use the school's annual reports – which quantify the carbon reduction, as well as low carbon initiatives implemented – to measure and monitor the impact of the program. These results can ultimately count towards your own targets. There is no need for expensive consultants or complicated technical carbon accounting – we do all the work for you and the results and success is shared!

Support a low cost, high impact program

For a relatively small investment, we are seeing significant results. Schools are making deep cuts to the amount of energy, water and waste they're using, which translates to low cost emissions abatement.

Genuine community engagement around sustainability and low carbon living

Many strategic plans include the goal to increase awareness and education on sustainability and climate change in the community. This program provides a way to upskill a large and engaged audience of students and school staff. And, as students bring knowledge home to their families, they create intergenerational change and engage your wider community **for** you!

The opportunity for urban greening and tree planting in your local government area

One of the most inspiring parts of our program has been the creation of a tree planting program where participating schools volunteer to plant trees to offset their annual emissions. To date, over 75,000 trees have been planted across Perth and regional WA. The program could be adapted to enhance your urban forest or greening strategy and help progress your goals in a shorter amount of time.

Become true leaders

By joining the ClimateClever Initiative you are showing leadership in sustainability and climate action. You are helping to engage, educate and up-skill students – our future leaders – around climate change and in an effective and fun way. By doing so, we are essentially future-proofing ourselves.

Help schools make significant savings on their utility bills

In an age of budget cuts and resource scarcity, this is a concrete way you can help schools make significant savings on their utility bills, money they can inject back into learning (or further sustainability actions). Based on early results, schools who create and implement ambitious action plans are likely to save at least 10% on their water and energy costs.



What we'll deliver

Councils supporting the program will be provided with:



Updates and reports tracking the progress and results of the low carbon initiatives adopted by the school and the associated reductions in carbon and costs for energy, gas, water and waste, which you can use to help meet your own KPI's and in reports and strategies.



Tailored presentations for your council meetings, events or for professional development for staff.



Branding and formal recognition on our website and publications.



Opportunities to participate in events we organise such as tree plantings and workshops.



Quarterly facilitated meet-ups – Councillors and staff are welcome to attend our facilitated and inspiring quarterly meet-ups where participating schools share experiences and progress with other schools on the journey.



De-identified comparison data against other schools to compare your progress.



Joint media opportunities to celebrate what we are collectively achieving.



Council Support

As a partner, you would commit to:

Subsidising the cost for schools in your LGA to participate in the program. The cost for schools in 2018 is \$8 per student, with fees capped at \$6,500. We know for some schools this can be prohibitive, which is why council support is much appreciated! However, we recommend a subsidy of no more than 50% per school, to ensure maximum buy-in for all parties. It's completely up to you how many schools you would like to assist.

Additional ways to support the program:

- Provide an introduction to schools in your area;
- Promote our program through your newsletters and other communications with your ratepayers, residents and schools;
- Facilitate media opportunities to communication our joint success;
- Provide local advice on suppliers and service providers for schools;
- Invite ClimateClever to speak at your events or professional development, or for a briefing to your council or sustainability officers;
- Attend quarterly group meet-ups with schools where possible;
- Join collaborative applications for grants available at the local, state or federal level for sustainability, climate change and/or innovation;
- A financial or in-kind contribution such as a branded sponsorship.





What participants are saying about the program

"As a local government, there is always a need to reach your community and support them in their sustainability journey. This is not always easy to do for a local government, and finding creative ways to get the community engaged in carbon reduction and sustainability initiatives can prove challenging. Working with a great team like SimplyCarbon [now ClimateClever]...just seemed like a great fit and an engaging way to best amplify the allocation of sustainability funding across the wider community. Given the aggregated potential of this program across the state, and the country, we feel that the funds that the City of Fremantle contributed to initially subsidising schools in the program...were immensely well spent and we hope the program continues to grow and develop into the future."

– **Melanie Bainbridge**
former Sustainability Officer City of Fremantle

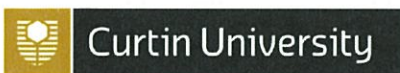
Based on results so far, and having received overwhelmingly positive feedback from schools, we're excited to be expanding our program to achieve greater carbon reduction. We are looking for more local governments interested to join us on this exciting and rewarding journey. Together, we can help lead the nation in action on climate change.

**There's been
no better time for
local governments
to step up.**

**Will you
join us?**



With the proud support of:



City of Swan Worm Farm Subsidy



Transform household food scraps into useful products for your garden!

The City of Swan is pleased to offer its residents and ratepayers a **\$110 subsidy** on the purchase of a worm farm, complete with worms and worm castings. This reduces the price you need to pay to \$115, including a free instructional workshop. The workshops and worm farms are supplied by the City of Swan in partnership with The Worm Shed.



A Worm Café Worm Farm

By popular demand, eligible people now have the option of a **\$50 subsidy** to purchase worms only. This is ideal for those who have an existing worm farm that needs revitalising with a new batch of worms. Your price to pay is \$60.

What is Worm Farming?

Worm farming is a simple way of converting food scraps and other organic materials into nutrient-rich products for your garden. It can be done in several ways. In this case the worms live in a contained system, an Australian-made product called the 'Worm Café' produced from recycled plastic. It consists of a multi-tray system on legs, with a tap to empty liquid leachate also known as 'worm wiz'.

There is a lid on the top of the worm farm which is lifted to insert your food scraps, which should then be covered with damp shredded paper. The worms live in the trays underneath, eating the scraps and excreting an enzyme-rich solid product called worm castings. Further information on caring for your worms, and using the worm castings and 'worm wiz' in your garden will be provided at the worm farming workshops.

Benefits of Worm Farming

Worm farming can help you have a thriving garden while reducing your waste, improving your soil and protecting water quality.

Using a worm farm helps reduce household waste, as you can use it to process food scraps and other organic materials rather than send them to landfill. Organics in landfill break down to produce the potent greenhouse gas methane, so diverting your organics from landfill into your worm farm prevents this and is a win for the environment.

A worm farm produces worm castings and 'worm wiz' which are natural and non-toxic so using them instead of chemical fertilisers helps protect local water quality. Chemical fertilisers often wash off into waterways, eg. from the front lawn into the street drain, contributing to algal blooms downstream. They can also leach through the soil affecting the quality of groundwater resources. Worm farm products avoid these issues and are a better option.

What does it cost?

Option 1 - Worm Café Setup:

- The unit cost is \$225 for the worm farm and all materials (details below)
- The subsidy is \$110
- **Your price to pay is \$115.**

Option 2 - Worms Only:

- The unit cost is \$110 for 1kg of worms
- The subsidy is \$50
- **Your price to pay is \$60.**
- You may purchase a larger quantity of worms if desired, but the maximum subsidy for Worms Only is \$50.

Please note: the subsidy is **not** available for worm farms that have already been purchased.

What is included?

The worm farm setup includes:

- a 'Worm Café' worm farm (note: bucket shown in the photo is not included)
- 1kg of worms (approximately 4000 worms)
- 20 litres of castings for 'bedding' for the worms and
- a comprehensive instruction booklet for how to assemble the materials.

You will be provided with these materials to take home and assemble (which should take 10-15 minutes). The demonstration at the workshop will show you how to do this.

How do I claim the subsidy?

- 1) Pre-order your worm farm or worms only, when you RSVP for a free Worm Farming Workshop presented by City of Swan – for dates of upcoming workshops, visit www.swan.wa.gov.au/events or call 9267 9267.
- 2) Attend the workshop, making sure you bring:
 - proof of your address (resident)
 - or a rates notice (ratepayer)
 - sufficient **cash** to pay for the worm farm or worms (see 'What does it cost', above).
- 3) Pay in cash and collect your order at the workshop.
- 4) Take your order home, set up your worm farm and enjoy.

Frequently Asked Questions

Who is eligible to claim the subsidy?

Ratepayers and residents of City of Swan are eligible. You will need to bring your rates notice and/or proof of address such as drivers licence or a utility bill to the worm farm workshop, to prove your eligibility when collecting your worm farm. Staff members of City of Swan may also claim the subsidy.

How many worm farms can I buy?

One worm farm per eligible property (see the previous question for eligibility).

I bought a worm farm previously. Can I claim the subsidy for it?

No, the subsidy is only available for new worm farms purchased through this scheme.

Can I claim both subsidies? Ie. a Worm Café setup as well as some subsidised worms?

Yes, however note that the Worm Café already comes with worms.

Do I have to attend a worm farming workshop to access the subsidy?

Yes. Attending the workshop will help you learn to set up and operate your unit for maximum success.

When is the next workshop?

Please visit the City's website to find the next workshop: www.swan.wa.gov.au/events or call 9267 9267.

Can you deliver the worm farm to my house?

No, you need to collect the worm farm at the workshop. They are small enough to fit in the boot or back seat of a regular car.

I previously attended a worm farming workshop, do I have to attend another one to get my worm farm?

Yes, as the worm farms are to be collected at the workshop you will need to attend in order to pick yours up.

Do I have to set up the worm farm myself?

Yes, there will be a demonstration of how to set up your worm farm near the end of the workshop. You will be provided with all the necessary materials to assemble the worm farm and it should take you 10-15 minutes to do at home.

How long before my worm farm is fully established?

As worm castings are provided for the bedding, your assembled worm farm will be at a 2 to 3 months advanced stage (compared to setting up a worm farm with a bedding such as coir fibre, which the worms must process into castings). This means you should get a good supply of quality 'worm wiz' within 24 hours.

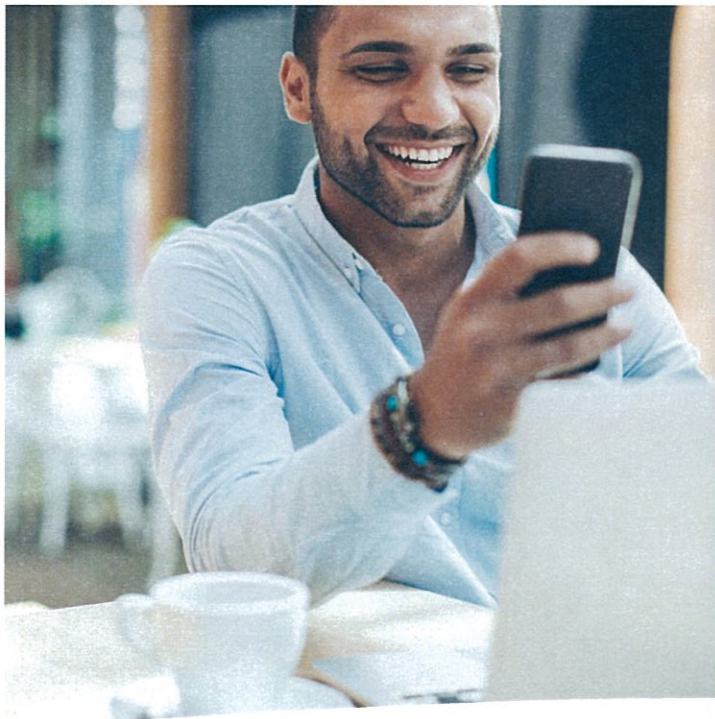
Further Information

For additional information contact:

E: swan@swan.wa.gov.au

T: 9267 9267

Information and worm farm subsidy prices current at August 2018.



How to Apply

Contact the City's Sustainability Officer on 08 9411 3444 to discuss your project ideas. A site visit may be required by Council staff.

Download and review the 'Sustainability Grants Guidelines'

Apply online via the Cockburn Smarty Grants website: cockburn.smartygrants.com.au

Further Information

Sustainability Officer,
Operations Centre, 52 Wellard Street,
Bibra Lake

T: 08 9411 3444

E: sustainability@cockburn.wa.gov.au



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Sustainability Grants



A better tomorrow in the City of Cockburn

Sustainability Grants provide an opportunity for groups to implement projects in the community that help create a better tomorrow.

How much is offered?

You can receive up to \$4,000 per application.

Important Dates

Complete and submit your application before 31 March every year.



Guidelines

We encourage you to be creative and innovative in your application. Grant themes include:

Giving Back to improve social equity and involvement across the City e.g. volunteering, helping those in need, providing opportunities to participate

Protecting our Future to build resilience to climate change and safeguard biodiversity e.g. native landscaping and community gardens, education for climate change, preservation of natural areas

Strong Communities to build community capacity e.g. community development, training, workshops, events, inclusive neighbourhoods

Water, Energy and Waste to promote resource use efficiency e.g. increased recycling, composting, water and energy efficiency

TravelSmart to facilitate the uptake of alternative transport e.g. end of trip facilities, travel smart events, education

Healthy Lifestyles promoting opportunities for improved public health outcomes in the community e.g. events, healthy lifestyles programs, education.

Selection Criteria

Applicants:

- » Must be part of one of the following groups:
 - Community group or not-for-profit organisation
 - Small business (20 employees or less)
 - Collective household (2 employees or more)
 - School
- » Must be based in Cockburn and/or provide services primarily within the area
- » May only apply for one project each year
- » May seek a maximum of \$4,000 for the proposed initiative
- » May not seek funding for infrastructure projects such as:
 - Renewable energy systems
 - Rainwater tanks
 - Grey water systems
 - Hot water systems
- » May not seek funding for labour costs
- » Projects must address at least one of the sustainability grant themes
- » Projects which demonstrate significant in-kind and/or financial contribution will be considered favourably
- » Funds cannot be sought or used to comply with planning approvals.

ATTACHMENT NO. 3

1. Challenge template

Challenge text

Category	Waste management
Hero title	Towards a waste circular economy in Bassendean
Main title	What are ideas and innovations that can contribute to a waste circular economy for the Town Centre in Bassendean?
Introduction	The high contamination rate (6-10%) in the recycling waste stream is one of the major problems in Australia. This problem was recognised after China's ban on waste imports in January 2018 where the acceptable level is just 0.5%. The further emphasis on the use of plastics has further deepened awareness, while we need to look for solutions.
Challenge context	The Town of Bassendean will move from its current two bin waste collection system to a three bin waste collection system of all 7500 service recipients in mid 2019. Bassendean will be implementing the system and success will be measured in terms of active resident participation, reduction in waste generation and improvement in recycling rate.
Challenge Description	<p>This Climathon will engage local community, entrepreneurs and other interested persons to find solutions for the centre of the Town of Bassendean. A key objective is to find solutions that help improve waste productivity of waste (more dollar value per ton waste) by improving recycling efficiency by 10% and reducing the contamination level from the current level of 14.2% (in Bassendean) to 4% or less.</p> <p>The recycling solutions should be cost effective and environmentally beneficial. Ideas around the circular economy will be introduced and be a key driving force in the challenge.</p> <p>The Town of Bassendean encourages Climathon participants to propose ideas and solutions to encourage local residents, businesses and organisations to get involved in creating a sustainable waste management system</p>
Downloads	Nil