



One Planet Annual Report 2016



Table of contents

One Planet Fremantle
Message from Bioregional5
Monitoring and Reporting6
The Story So Far – Our Progress
Targets, Baselines and Indicators15
Zero carbon energy - Corporate
Zero carbon energy - Community
Zero Waste - Corporate
Zero Waste - Community
Materials and Products - Corporate
Materials and Products - Community20
Travel and Transport - Corporate22
Travel and Transport - Community
Local and Sustainable Food - Corporate25
Local and Sustainable Food - Community26
Sustainable Water - Corporate
Sustainable Water - Community28
Land and Nature – Corporate and Community29
Culture and Community - Corporate
Equity and Local Economy - Corporate34
Equity and Local Economy - Community
Health and Happiness - Corporate
Health and Happiness - Community
Top Priorities for 2017

One Planet Fremantle

If everyone in the world lived as we do in Australia, we'd need more than four planets' worth of resources to sustain us. As a community, we're living outside of our planet's means – using too many resources and producing too much pollution.

In recognising our responsibility to our community and our planet, the City of Fremantle adopted the One Planet Living framework in 2014 and developed our vision as a sustainable organisation.

Our Vision: The City of Fremantle aims to become Perth's most sustainable local government and a global leader – a place where we foster community in a way that supports quality of life, while respecting the limits of the planet on which we live.

One Planet Living, a framework by Bioregional is based on ten easy-to-grasp principles which enable us to plan for, deliver and communicate sustainable development. The framework provides a clear practical map for a better way to live and do business.

In September 2014 the Council endorsed the One Planet Strategy and Action Plan which outlined the targets that the City would strive towards under each of the ten principle areas. The City became the fourth council in the world and the first in Western

©	Health and happiness	Encouraging active, social, meaningful lives to promote good health and wellbeing
**************************************	Equity and local economy	Creating safe, equitable places to live and work which support local prosperity and international fair trade
200	Culture and community	Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living
918	Land and nature	Protecting and restoring land for the benefit of people and wildlife
•	Sustainable water	Using water efficiently, protecting local water resources and reducing flooding and drought
ő	Local and sustainable food	Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein
₫ ₽	Travel and transport	Reducing the need to travel, encouraging walking, cycling and low carbon transport
•	Materials and products	Using materials from sustainable sources and promoting products which help people reduce consumption.
O	Zero waste	Reducing consumption, re-using and recycling to achieve zero waste and zero pollution
*	Zero carbon energy	Making buildings and manufacturing energy efficient and supplying all energy with renewables

Australia to achieve national certification as a One Planet Council in October 2015.

The national targets outlined in the One Planet Fremantle Strategy 2014/15 to 2019/20 have been updated with revised international corporate and community targets to reflect the expanded vision for a One Planet City.

Achieving our national and international endorsements is testament to the City's commitment to sustainability, which is assessed annually by Bioregional in order to track our progress towards the common international targets year on year.

This report tells the story of what we have achieved in our second year, a number of identified baselines and what the next year will hold for the City and the community on our One Planet Living journey. It should be read in conjunction with the endorsed One Planet Fremantle Strategy.



Message from Bioregional

While global politics may have grabbed the headlines in 2016, the effects of climate change continued to become staggeringly more apparent. The 2016 Arctic report card shows that this year will be the warmest on record with four months setting new record highs, and 2015 officially eclipsed 2014 as the hottest year on record. The impact of this is being felt across Australia and just this December, Sydney saw record night-time temperatures. In the face of this overwhelming evidence, it is excellent news that the Paris Agreement on Climate Change is now coming in to force and countries are starting to show an appropriate response to the challenges that we face.

International agreements and national commitments are essential to curbing climate change, but much of the action is likely to be driven at the local level. This report highlights the role that the City of Fremantle is taking as both a facilitator and a leader. Western Australia is a hugely water-stressed region so by securing Waterwise status for the Leisure Centre and aiming for this across the Council's operations will ensure that residents feel empowered to act themselves.

The council continues to take the lead in reducing carbon emissions, adding hybrid vehicles to its fleet and installing LED bulbs, but its largest contribution is probably in facilitating community action by installing electric vehicle charging points and investing 1% of rates revenue into

renewable energy projects. This shared approach is exemplified through the Freo Alternative, which has generated a shared community vision on the future of alternative modes of housing in Fremantle. This community spirit has continued and has seen a huge increase in community planting in the coastal and natural areas.

This is the first year of monitoring these detailed targets and inevitably there are gaps in the data. These need to be addressed so that the effectiveness of the strategies and actions can be fully assessed and the Action Plan updated accordingly. Effective monitoring will also allow Fremantle to promote its achievements to its peers and encourage other local governments to follow its lead in creating a truly sustainable city for its residents.

Having worked with Fremantle over the last few years throughout its One Planet journey, I am really pleased to see its progress and in particular the diverse range of strategies used to engage with the staff and residents. These workshops, festivals and training courses will help bring the community along on the One Planet journey and hopefully ensure a smooth transition.

Benjamin Gill - International Technical Manager

Monitoring and Reporting

As part of the City's international endorsement, a set of corporate and community targets have been developed. These were communicated in the 2015 report and are consolidated in this report. Performance against these targets will be reported on an annual basis through the City's website and One Planet Fremantle Annual Reports. Both quantitative and qualitative data will be captured to provide a comprehensive picture of our progress across the ten One Planet Living principles. Where baselines have been identified, they have been included in this report. This year, baseline data and performance indicators have been developed for:

Principal	Corporate Baseline	Community Baseline	Corporate Indicators	Community Indicators	Corporate Baseline Data Source	Community Baseline Data Source
Zero Carbon Energy	✓		✓		City financial records - power and fuel use 2016	
Zero Waste	✓	✓	✓	✓	City waste audits 2010	Southern Regional Metropolitan Council/Regional Resource Recovery Centre 2016
Materials and Products	✓		✓		City financial/procurement records	
Travel and Transport	✓	✓	✓	✓	City staff travel to work surveys 2010	Census travel to work data 2011
Local and Sustainable Food	√		✓		City financial/procurement records	
Sustainable Water	✓	✓	✓	✓	City water use 2010	Water Corporation 2010
Land and Nature	✓	✓	Link	ed ✓	City planning and parks records, Intramaps GIS	City planning and parks records, Intramaps GIS
Culture and Community						
Equity and Local Economy	✓	✓	Link	red √	City planning and economic development records	City planning and parks records, Intramaps GIS, id profiles
Health and Happiness	√		✓	✓	City events and participation records	

Further baselines and monitoring methods will be developed over 2016-2017 and communicated in the annual report.

The City considers sustainability to be much broader than numbers on a page, and will also endeavour to measure and report, using anecdotal and qualitative measurement criteria, the more 'human' elements of sustainability that fall under the ten One Planet Living principles, including health and happiness, equity, culture and community case studies and highlights.

The Story So Far – Our Progress

In our One Planet Strategy, we outlined the top priorities for delivery in 2014/15. The 2015 report listed top priority projects for 2016. The tables below provide a snapshot of performance against these actions.

Corporate Achievements 2014 to 2016



Zero carbon energy

Making buildings and manufacturing energy efficient and supplying all energy with renewables

Action	Progress	Status
Investigation of sustainable development potential for the Knutsford Street Depot site with a view to negotiating positive sustainability outcomes for development on the site.	The City has supported a 'Collaborative Research Centre for Low Carbon Living' project to investigate development of a zero carbon housing precinct at the site. Investigations for the best strategy for point of sale conditions and possible actions are underway.	Underway
Research into expansion of the renewable energy and energy efficiency program across new	One percent of rates are diverted into a Renewable Energy Investment Reserve which allows the City to invest in renewable energy and energy reduction initiatives. This is a rolling program with a commitment to 2019.	Ongoing
buildings and assets.	An award-winning upgrade to the Fremantle Leisure centre, which involved installation of solar PV, a 75w natural gas cogeneration system and a 300kW shallow geothermal heat pump, was completed in 2015. Real time performance of the system is now monitored via GreensenseVIEW.	Complete ✓
	Australian-based company, Epuron, has entered a working agreement with the City to investigate a solar farm concept for a former landfill site in South Fremantle.	Ongoing

	Solar- powered lighting has been installed along a shared path at South Beach, increasing safety and reducing energy costs.	Complete ✓
Develop comprehensive energy plan, including renewables, energy monitoring and efficiency programs.	Funds have been allocated in the current budget for commencement this financial year.	Underway



Zero waste

Reducing consumption, re-using and recycling to achieve zero waste and zero pollution

Action	Progress	Status
Develop a Waste Management Plan	Funds have been allocated for commencement this financial year. The City is preparing a waste monitoring system as part of this plan to measure corporate waste streams such as co-mingled recycling, organic waste and waste to landfill.	Underway



Materials and products

Using materials from sustainable sources and promoting products which help people reduce consumption.

Action	Progress	Status
Review purchasing policy and develop sustainable procurement plan and online toolkit.	Development of an integrated online system for sustainable and ethical procurement has been completed	Complete ✓



Travel and transport

Reducing the need to travel, encouraging walking, cycling and low carbon transport

Action	Progress	Status
Provision of electric vehicle charge points and marketing/	Charge points are to be provided by others with the City to provide support where possible.	Ongoing
management.		



Sustainable water

Using water efficiently, protecting local water resources and reducing flooding and drought

Action	Progress	Status
Achieve Water Corporation and	Fremantle Leisure Centre received Waterwise status from Water Corporation and Department	Complete ✓
Department of Water	of Water in July 2016.	
Waterwise accreditation.		
	Achieve Waterwise Council status; Waterwise Council application has been lodged and are	
	awaiting outcome from the Water Corporation and Department of Water.	Underway



Land and nature

Protecting and restoring land for the benefit of people and wildlife

Action	Progress	Status
Develop an Urban Forest Strategy.	Now termed the Urban Forest Plan to better reflect its intent as a tree planting and management plan, development began in April 2016 and is progressing.	Underway



Equity and local economy

Creating safe, equitable places to live and work which support local prosperity and international fair trade

Action	Progress	Status
High Street Mall Upgrade and	High Street Mall upgraded completed	Complete ✓
activation		



Health and happiness

Encouraging active, social, meaningful lives to promote good health and wellbeing

Action	Progress	Status
Delivery of monthly One Planet staff sustainability events.	Ten internal One Planet sustainability events were delivered for staff, including a revegetation planting day, a 'mindfulness' and meditation workshop and a One Planet photography competition.	Complete ✓

Community Achievements 2014 to 2016



Zero carbon energy

Making buildings and manufacturing energy efficient and supplying all energy with renewables

Action	Progress	Status
Engage with Fremantle schools to reduce carbon and implement sustainability initiatives.	Five City of Fremantle schools were sponsored by the City to take part in the Low Carbon Schools Program which will commence in February 2016. 2016-2017 participating schools are John Curtin College of the Arts, Fremantle Primary School, Lance Holt Primary School, Samson Primary School, South Fremantle Senior High School and Winterfold Primary School.	Complete ✓
	The City also supported the Australian Youth Climate Council Summit for Schools in 2014 and 2015 on climate change and low carbon living.	Complete ✓
Solar powered 'off grid' Electric Vehicle charging station to be installed at The Esplanade as part of the RAC Electric Highway project.	Charging station is being fabricated and due to be installed and operating in March 2017.	Underway



Zero waste

Reducing consumption, re-using and recycling to achieve zero waste and zero pollution

Action	Progress	Status
Deliver the Responsible Cafes Program across Fremantle food and beverage businesses	Eleven cafes have signed up to the Responsible Cafes scheme to reduce disposable cup purchase.	Complete ✓

Support the Waste Not Organic	Due to internal resourcing constraints this program is now scheduled for roll-out next year.	To be reviewed
Waste Program to expand into		
Fremantle businesses.		
Driving the success of the	City centre public recycling bins have been trialled and assessed. 50 permanent bins have now	Complete ✓
Public Place Recycling Program	been installed. The Waste Not Organic waste program rolled out to City facilities.	
and Waste Not Organic Waste		
Program and documenting		
outcomes.		



Materials and products

Using materials from sustainable sources and promoting products which help people reduce consumption.

Action	Progress	Status
Develop a residential sustainable home 'buyers and builders' guide and a sustainable supplier's discount booklet.	Due to internal resourcing constraints this program is now scheduled for roll-out next year.	To be reviewed



Local and sustainable food

Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein

Action	Progress	Status
Deliver 3 health and nutrition community workshops.	3 Healthy Eating, Healthy Mind workshops held at the Meeting Place.	Complete ✓



Culture and community

Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living

Action	Progress	Status
Develop annual sustainable	Project on hold pending resource allocation.	On hold
events course and policy to arts, culture and festival providers		
planning to produce events in		
Fremantle.		



Health and happiness

Encouraging active, social, meaningful lives to promote good health and wellbeing

Action	Progress	Status
Deliver One Planet Fest-a-Con 2016.	Due to resource issues, the 2017 One Planet Fest-a-Con has been placed on hold.	On hold

Targets, Baselines and Indicators

Zero carbon energy – Corporate

CORPORATE TARGET

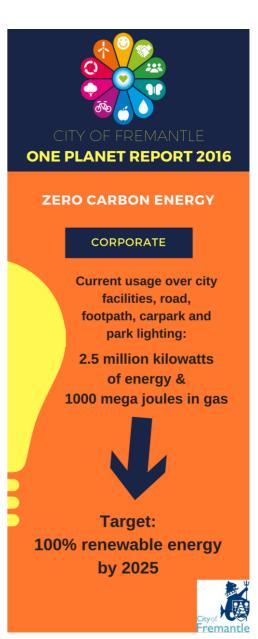
The City will maintain its pledge of carbon neutrality for corporate emissions to 2020 via a mix of green power purchase options, renewable energy and energy efficiency measures and have in place a plan to being 100% renewable energy by 2025.

CORPORATE BASELINE

We measured electricity and gas use across 8 city facilities, road, footpath, carpark and park lighting. In 2016 we used approximately 2.5 million kilowatts of energy and 1000 mega joules in gas.

CORPORATE INDICATORS

Reduction in energy consumption in City owned facilities and fuel consumption in fleet and plant.



Zero carbon energy - Community

COMMUNITY TARGET

The City of Fremantle will support the community to access a range of green power purchase options, renewable energy and energy efficiency measures and encourage uptake of new technologies through financial and rebate style incentives, with a goal of City of Fremantle buildings becoming zero carbon by 2025.

2016 HIGHLIG HTS

The City has partnered with Spacecubed, Curtin University, Climate-KIC and Alumni for Social Impact to do "The Climathon". Run over 24 hours it is a forum to bring ideas and also to brainstorm and co-create innovative solutions. The ideas will help to feed into the City of Fremantle's future Low Carbon Strategies. The winning team will also earn a place in Climate-KiC Australia's new Launch Pad program – the world's largest cleantech business competition.

The City of Fremantle is a carbon neutral organisation, a commitment which is met through a program of renewables, energy efficiency and fully auditable and verified carbon offsets. One percent of rates are diverted into a Renewable Energy Investment Reserve which allows the City to invest in renewable energy and carbon reduction initiatives. This is a rolling program with a commitment to 2019.

We are progressing to develop a full energy plan to 2025 which will set out our action plan for expanding our renewable energy generation capacity and energy efficiency programs in order to hit the ambitious 100% renewable target.

17 streetlight poles were upgraded from metal halide to energy efficient LED's in the city centre as part of a rolling replacement and upgrade program.



Zero Waste - Corporate

CORPORATE TARGET

The City of Fremantle will aim to reduce its corporate waste by 25% by 2020 against an agreed baseline and increase its co-mingled recycling and organic waste diversion from landfill to at least 70% in all Council buildings and facilities by 2020.

The original target required the City to reduce its corporate waste by 25% by 2015. It was difficult to measure the separate corporate waste streams e.g. recycling, organic, landfill as it is collected as part of the general city wide waste pick up. We are in the process of implementing measurements of our corporate waste to determine monitoring and assessment of our progress towards our reduction target.

CORPORATE BASELINE

Waste data was obtained by an audit undertaken in 2010. These are general only as a starting baseline with a 'snapshot' of waste information. Some facilities generate more waste via events, courses, visitors and bookings such as the Town Hall, Arts Centre and Leisure Centre. Others generate very little such as the dog pound and the Meeting Place due to fewer visitors or good recycling habits.

In 2010, the total waste generated by the City (including construction waste) was 343 tonnes. This is around 19kg per employee per week.

CORPORATE INDICATORS

In order to track progress against the waste reduction and recycling targets, the City is investigating the methods of waste data collection. One method could be that a general waste truck and recycling truck be weighed separately during the year to track targets. The City will also continue to work with the South Metropolitan Regional Council to identify ways and means to measure corporate waste.



Target: Divert 70% of corporate waste from landfill to co-mingled recycling and organic waste streams.





Zero Waste - Community

COMMUNITY TARGET

The City of Fremantle will support the community to reduce waste generation by 10% against 2015 levels by 2020, and will embark on a city-wide education campaign and waste reduction strategy by 2017 with of goal of a 70% recycling rate by 2020.

COMMUNITY BASELINE

General residential waste data is obtained from the South Metropolitan Regional Council (SMRC). The majority of waste generated by the community (including the City) is sent to the SMRC waste facility, which processes waste to maximise the recovery for re-use in recycled materials. General waste means the waste in the green top bins. Recycled waste is the waste in the yellow top bins. Waste in the general waste bins can be recycled, such as organics for compost. Both waste streams are sorted and recycled, with waste such as building rubble and concrete sent to landfill. Annual data is collected by the SMRC which we can use as a baseline and to track against the target.

COMMUNITY INDICATORS

Annual SMRC waste to landfill and recycling statistics Annual community verge green and general waste statistics Recycling drop off yard statistics



2016 HIGHLIGHTS

Corporate waste reduction is already underway. The Waste Not organic waste recycling system has been rolled out across City buildings (Administration Centre, Arts Centre including cafe, Moores Building, Leisure Centre and the Meeting Place). In 2015 a total of 13.2 tonnes of organic waste was diverted from landfill. This has increased this year to 14.8 tonnes. 761 tonnes of corporate and community green waste was 100% recovered and turned into compost by the Regional Resource Recovery Centre.

The City is trialling an approach to renewing footpaths by reinstating existing concrete slabs instead of pouring new concrete. With many concrete slabs becoming uneven over time but still in good condition, the City aims to reduce the number of slabs sent to landfill and the production of more concrete by reusing old slabs.

The City is monitoring the effectiveness of the reverse vending machine at The Esplanade. The machine was launched in September 2015 and recycled 1109 plastic and aluminium containers over 4 months. From January to November 2016 the machine recycled a total of 1314 plastic and aluminium containers. Use of the machine has declined which could be due to initial public interest dropping off and the machine out of commission for May, July and August 2016.

86kg of waste was collected from the South Beach community clean up event this year.

The City participated in the Garage Sale Trail for the third year to encourage reuse of unwanted household items. The concept is catching on with additional community led Garage Sale Trails held in Hilton, South Fremantle and Kings Square this year.

The community has been active in recycling initiatives with the Recycle Right pallet garden winner being local White Gum Valley Primary School. The school gave the Recycle Right team a tour, showing all the ways they reduce, reuse and recycle and the empty space that will now be the home of the pallet garden wall.

We have committed to collaborate with participating member Councils in transitioning to a 3 bin system to provide green waste bins in addition to recycling and general bins. The city has provided in principle support for a Food Organics Green Organics (FOGO) bin trial.

Materials and Products - Corporate

CORPORATE TARGET

The City of Fremantle will have a robust policy and process in place for assessing suppliers against local, ethical, social, economic and environmental criteria by end 2016

CORPORATE BASELINE

As the sustainable procurement policy and process has been put in place in August 2016, baseline information is not yet available. It is intended to monitor purchasing and tendering for reporting next year.

CORPORATE INDICATORS

Increased uptake of sustainable materials for City purchasing
Increased uptake of local, ethical, social, economic and environmental criteria in purchasing/tenders
Application of sustainable materials in building/construction of City facilities (Greenstar or equivalent)

Materials and Products - Community

COMMUNITY TARGET

The City of Fremantle will encourage and enable the community to achieve high levels of sustainable material use through a range of programs including; sustainable material rebate scheme, share shop & online sharing initiative, online sustainable procurement toolkit by 2017 and continuing to review and update development policy to show alignment with best practice building standards.

Community Baseline and Indicators to be developed in 2017

2016 HIGHLIGHTS

The original corporate target has been expanded to include the community in the move towards sustainable material use, recognising that the City can influence both building standards and purchasing within the City.

Sustainable materials are are ones that have the least amount of energy consumption as well as a lack of emissions, waste and the material continues to be created or grow rather than deplete stocks. The purpose of ethical purchasing is to promote good labour and environmental standards in supply chains. Ethical purchasing common areas relate to ethics and ethical behavior in companies including fair-trade, ethical trading, sourcing, social accountability, corporate social responsibility, codes of conduct and reputation assurance. The City has also included the 4 principles of the national No Business in Abuse (NBIA) campaign.

Development of a fully integrated online system for sustainable procurement has been completed. This will guide officers across all areas of the organisation for purchasing. Staff members have been trained in the EcoBuy sustainable procurement system and supply chain risk assessments for major purchases are underway. A comprehensive sustainable procurement policy and process has been completed and all tenders now include a sustainability factor in assessment. Complete purchasing guidelines have been developed across work areas such as parks and landscapes, electronic equipment, security services, cleaning, construction and general office purchasing

Sustainable Events Guidelines are still to be developed. In the meantime, the City's bin hire service is available for events to help make them sustainable and help educate the community on how to reduce their environmental impact by providing recycling and general waste bins.



Travel and Transport - Corporate

CORPORATE TARGET

The City of Fremantle will increase staff sustainable transport use by 15% by June 2016 and 30% by 2020, from a 2010 baseline. The City will also reduce corporate transport emissions by at least 30% by 2020, from a 2010 baseline.

These targets make this commitment at both corporate and community level to reflect our influence within the community in terms of encouraging active and public transport modes.

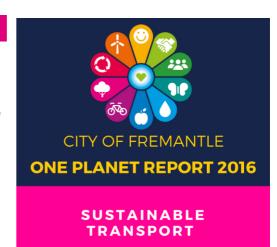
CORPORATE BASELINE

Baseline data has been obtained via a 2010 workplace survey which also compared an earlier survey undertaken in 2001. The majority of people surveyed drove to work at 79%, 6% drove a Council car, 2% were a passenger, 8% took public transport and the remaining 5% walked or cycled. The target aims to increase 'sustainable transport' which includes car as passenger (car-pooling) public transport, walking and riding with the aim to reduce driving to work.

CORPORATE INDICATORS

Travel to Work Surveys (to be undertaken 2017)
Staff use of Smartriders
Use of corporate bikes
Staff uptake of no parking option

Note reduction in transport emissions is to be indicated in the future under Zero Carbon energy



STAFF TRANSPORT USE BASELINE

Transport mode to work:

Car: 79%

Council car: 6% Passenger: 2%

Public transport: 8%

Walk or cycle: 5%



TARGET

Car use: 73%

Sustainable transport: 27%

(car as passenger, public transport, walking and cycling)



Travel and Transport - Community

COMMUNITY TARGET

The City of Fremantle will encourage and enable the community to reduce emissions from transport by at least 30% by 2020 in line with the sustainable carbon footprint target.

COMMUNITY BASELINE

Community sustainable transport baseline data has been obtained from 2011 Census data and reported in the City's Bike Plan. 54% of people drove to work with 4% as a passenger. 12% took public transport, 9% walked or cycled with 5% working from home and the remaining 16% as 'other' (e.g. did not go to work, drove a truck/motorcycle, took a taxi etc).

COMMUNITY INDICATORS

Census data

Public Transport Authority bus and train boarding annual reports

Public Transport Authority CAT Bus passenger counts

Bicycle Network Annual Commuter and Recreational Rider Surveys – Super Sunday and Super

Tuesday surveys

City bike counter readings



SUSTAINABLE TRANSPORT

COMMUNITY TRANSPORT USE BASELINE

Transport mode to work:

Car: 54%

Passenger: 4%

Public transport: 12% Walk or cycle: 9%

Work from home: 5%

Other: 16%



TARGET

Car use: 38%

Sustainable transport: 44%

(car as passenger, public transport, walking and cycling)



2016 HIGHLIGHTS

The Integrated Transport Strategy was published in February 2015, which sets out a plan for Fremantle's transition toward a connected city. This includes integration of transport and land use planning, walking and cycling, public transport, freight, private vehicle use and car parking. A transport planner was appointed.

As part of our commitment to the One Planet sustainability principles we've recently added two Toyota Hybrid Corolla Hatch vehicles to our pool of staff vehicles. The vehicles are part of Toyota's Hybrid Synergy Drive range which senses the driving situation and engine demand, then automatically tells the car when to switch between petrol and electric power or when to combine both for maximum efficiency

The annual Ride to Work Day breakfast held in October attracted approximately 100 people. Over the last year the City's Visitor Centre free bikes were used 599 times.

The City has enabled Skype for business for staff. Using this application for external meetings can reduce travel time and emissions. Sustainable travel incentives are provided to staff members who elect not to take up staff parking option and standard and electric bicycles are available to staff for short trips and local meetings. Smart Riders are available to staff for work related public transport trips.

Bike queue jumps have been installed in the majority of signalised intersections across the city for to help promote cycling and for rider safety. 3 bike awareness zones have been installed in the city centre this year.



Local and Sustainable Food - Corporate

CORPORATE TARGET

The City of Fremantle will ensure that 50% of food by value purchased by the council is compliant with the One Planet Strategy, Procurement Policy and Fair Trade City status by 2015 and 100% by 2020 and will support community actions to increase local and sustainable food purchase and achieve better nutrition.

The original target was updated to recognise that the City does not have a separate local and sustainable food policy. Rather, this purchasing consideration is built into other organisational documents and processes such as the sustainable events guidelines under development, purchasing policy and the now implemented sustainable procurement system.

Corporate Baseline

Baseline not required as local and sustainable food purchasing is built in to Fair Trade program and now sustainable procurement policy.

CORPORATE INDICATORS

Continue to monitor food purchasing annually.

Number of community actions supported to increase local and sustainable food purchases Number of healthy food messages internally and externally to the community

Local and Sustainable Food - Community

CORPORATE TARGET

The City of Fremantle will support community actions to increase local and sustainable food purchase and production, community and edible verge gardening and healthy food choices by providing access to a variety of community gardens, local food markets and local producers - and by promoting and supporting these initiatives.

Community Baseline and Indicators to be developed in 2017.

2016 HIGHLIGHTS

Fremantle has been a Fair Trade City since 2013 and provides annual support to Fair Trade Fremantle through the Fairly Fashionable event and Fair Trade Fortnight.

The City has committed to supporting the White Gum Valley Edible Garden as part of the One Planet WGV program.

The City supports the development and running of community gardens and edible verge planting and regularly communicates the annual community garden grants program.

The City has provided a series of community talks on Mentally Healthy Diets on recent scientific discoveries relating to diet and mental wellbeing; including recipes, demonstrations and tastings.



Sustainable Water - Corporate

CORPORATE TARGET

The City of Fremantle will measure its annual water use and set targets for absolute reduction in line with best practice benchmarks or at least 50% against 2010 baseline year levels by 2020.

Our previous sustainable water target has been expanded to include a commitment to encouraging reduction in the community's potable (drinking water from the Water Corporation scheme) water use, along with the City's organisational water use.

CORPORATE INDICATORS

Scheme water kilolitres used per year, per facility. Groundwater kilolitres consumed per year.



Sustainable Water - Community

COMMUNITY TARGET

The City of Fremantle will encourage and enable the community to achieve a 10% per capita reduction in potable water use by 2020 from a 2010 baseline level.

Community baseline data for scheme water use is provided by Water Corporation and included in the Water Conservation Strategy 2013.

COMMUNITY INDICATORS

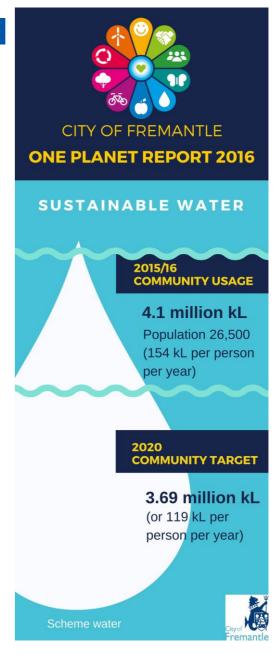
Scheme water kilolitres used per year

2016 HIGHLIGHTS

The City's adopted Water Conservation Strategy (2013) and Green Plan 2020 include actions aimed at reducing water intensity of existing and future open space and investigating alternative water supply options e.g. grey water reuse, sewer mining and commercial waste water re-use. Green Plan 2020 water security projects have been completed this year; an alternative water supply assessment matrix to apply to City and private developments and an extensive greywater feasibility study for the entire city area to identify future opportunities for public-private partnerships for greywater re-use.

The City's Leisure Centre achieved Water Wise accreditation from the Water Corporation and Department of Water for its reduction in water use and water saving management. The introduction of simple low flow shower heads in the change rooms has been a major water saver. The City has also applied for Water Wise Council accreditation which will help educate and drive water saving initiatives into the future.

Through the efficient use of groundwater and 'hydro zoning' of Fremantle Park, we have further reduced the use of our ground water allocation from 98% to 96% this year.



Land and Nature – Corporate and Community

CORPORATE TARGET

The City of Fremantle will contribute to increasing levels of biodiversity and space for wildlife through measures carried out on local government owned properties or through time or financial support to an appropriate conservation groups or community initiatives.

COMMUNITY TARGET

The City of Fremantle will contribute to increasing levels of biodiversity and space for wildlife through their own strategies, guidelines and practices. The City of Fremantle will progressively increase tree canopy cover across the city to achieve up to 20% coverage by 2020. The City will deliver the outcomes of the Green Plan by 2020, and develop an Urban Forest Plan by late 2017.

The City's original target has been expanded and quantified, to work towards increasing canopy cover up to 20%. This will have multiple benefits in reducing urban heat island effect, facilitating biodiversity corridors, increasing habitat and improving amenity.

The City and the community are intrinsically linked with land use and wildlife – both the City and community develop and manage land uses and wildlife doesn't differentiate between public and private land. Therefore the baseline and indicators have been combined.

CORPORATE AND COMMUNITY INDICATORS

Maintain and increase where possible, support, assistance and partnerships for planting/biodiversity programs.

Increase in tree canopy cover.

Maintain and increase public open space to ensure at least the minimum of 3.6 hectares of public open space per 1000 residents is provided.

Every worker and resident is within a 400m walkable distance from functional open space.



2016 HIGHLIGHTS

Community engagement has begun on the design of new open space in the suburbs of Hilton and O'Connor, with many positive contributions from the community.

We were a finalist in the 2016 Banksia Sustainable Cities award.

The City and the Town of Mosman Park are working together to develop a coastal adaptation plan to guide how we manage Port, Leighton and Mosman beaches in the future. As part of the first stages of the project, a community survey was conducted in July asking people how they used the coastal areas and what they valued most about them. The results will be used to help identify ways to sensitively adapt to changes along the coastline.

Stage 3 of the Cockburn Sound Coastal Alliance climate change vulnerability study has been completed to assess the risks to our coastline from climate change and develop adaptation strategies and pathways.

The North Fremantle Foreshore Management Plan has been completed, providing a framework and action plan for maintenance and restoration of this important natural river environment.

The Green Plan 2020 projects are progressing with the delivery of the new detailed Urban Forest Plan late this year. In terms of overall canopy cover, the city does not perform well against



other Perth suburbs, for example Perth has 26%, Claremont has 20% and Cambridge has 23%. Factors such as large hardstand areas such as the port influence the overall canopy cover.

Design for new pocket parks for residents and workers in Hilton and O'Connor are progressing and on schedule. The development of these spaces will increase the amount of functional open space for the community and address the walkable catchment gaps in these areas.

The City is currently committed to planting 1,000 trees per year as part of normal operations and in 2016 has seen a great increase in community coastal planting through the Perth NRM Coastcare program. A total of 8 community and school planting events have been held across Leighton beach, South beach, Port beach, Bathers beach and the Hollis Park link. 231 volunteers took part and planted over 5000 native plants

The City was successful in receiving a \$2.2 million grant from Lotterywest for the development of a destination play space at historic Cantonment Hill. This space will have a number of natural and quality play elements for the local and wider community. Cantonment Hill is an important place rich in Whadjuk Noongar and European history and includes important remnant bushland and the historic Signal Station and Naval Store buildings. The new play area and landscaping overlooks the Swan River and complements the historic, cultural and natural elements of the land.



Culture and Community - Corporate

CORPORATE TARGET

The City of Fremantle will promote an understanding of the One Planet Council program with its staff and commit to supporting community projects and targets based on increasing the number of community and / or sustainability projects and / or the level of support (financial or staff time) by 2020.

COMMUNITY TARGET

The City of Fremantle will promote an understanding of the One Planet Council program with the community and commit to enabling at least 3000 people per year to engagement one planet related activities (10% of population) - including community and cultural events.

Corporate and Community baselines to be determined

In 2014/15, the City delivered 10 internal One Planet sustainability events to staff, including a revegetation planting day, a mindfulness and meditation workshop and a One Planet photography competition. A One Planet Fremantle Staff Champions Team was brought together to spread the message internally and engage employees in a program of One Planet initiatives. Responses to a 2015 staff survey indicated that this program has been successful, with 94% of respondents changing their behaviour as a result of One Planet Councils messaging.

In 2014/15, the City engaged with the community around One Planet principles. A series of Community Café events were held (one for each of the ten One Planet principles), involving speakers from academia, local government, business and community.

The One Planet Fest-a-Con was held last year; a three week suite of celebratory sustainability events and opportunities, including a major conference featuring eminent speakers and sustainability practitioners and Western Australia's first International Environmental Film Festival. Other events included Earth Hour, Garage Sale Trail, the Suitcase Rummage, Ride to Work Breakfasts, LivingSmart workshops and PARK(ing) Day.

Whilst the One Planet corporate and community events were not held in 2016, the City has still provided events and programs to help deliver the Culture and Community principle.

2016 HIGHLIGHTS

The City supported the Millennium Kids MK20 Unconference for Future Thinkers held this year. Around 100 young people, 10 – 25 years, from the Asia Pacific region attended the a three day Unconference to visit best practice sustainability sites; consider the UN Sustainable Development Goals, meet social entrepreneurs and co design their own future projects. The Unconference allowed the kids to explore their ideas through Futures Thinking to understand how the can influence the future and help create a better world

The city provides community grants each year for community development to provide financial assistance and support for local non-profit organisations for youth sports, arts grants and community wellbeing to promote and provide a vibrant diverse culture.

A Positive Ageing Forum was held in October. This builds on the programs for over 55's we provide through our community activities. The One Stop Shop provides a welcome drop in space with 5 programs a year. The programs average 14 activities each with a variety of recreational, art/craft, health/wellbeing, community/culture, and sustainability workshops and presentations. These have proven very popular with a total of 650 registrations this year.

The City's own festival program continues to evolve with a new emphasis on quality, curated programming across all four major festivals. The Street Arts Festival continues to attract over 100,000 people across the Easter weekend. 18 international acts from Argentina, South America and right across Europe featured alongside local performers.

Fremantle Festival began its evolution in to a fully curated, boutique arts festival with a high quality program offering at the festival hub in the Town Hall and Kings square. Wardarnji, a celebration of Australian Indigenous culture, was reinvented as an evening performance showcasing Noongar dance, song and storytelling to launch the Fremantle Festival.



Equity and Local Economy - Corporate

CORPORATE TARGET

The City of Fremantle will provide a full package of support, training and engagement mechanisms to foster staff development by 2020 and to support equality in the workplace

The City's previous target under the Equity and Local Economy principle was predominantly focused on the community. A gap was identified during the international endorsement process to include the City's staff in this process by providing staff development and workplace equality programs.

The City, through staff development and have identified a number of initiatives across learning and development and recognition. As it is a relatively new program, the baseline and indicators are still under development.



Equity and Local Economy - Community

COMMUNITY TARGET

The City of Fremantle will continue to provide a broad range of support and incentive mechanisms to foster new and existing local business. It will support the community in its drive towards economic, environmental and social sustainability. It will provide a full package of support, training and engagement mechanisms in accordance with its Economic Development Strategy by 2020.

COMMUNITY INDICATORS

Population and business data (Census)
Business opening versus business closing
Vacancy rates

Residential, office retail and other development investment (e.g. hotels, commercial, social, hospitality)

2016 HIGHLIGHTS

Fremantle's support for local businesses has taken many forms over the last year. An innovative matched crowdfunding partnership with Start Some Good, the 'FreoMatch' program, allowed the City to support four sustainable project start-ups by contributing 50% to their funding target. Over \$36,000 was provided to this year's start-ups;

- Eco Eats; Mobile kitchen using native, seasonal, local, minimal-meat produce and sustainable packaging.
- Disco Soup; A movement to reduce food waste via disco music.
- Millennium Kids; funding to train 100's of young people in the MK Methodology, an inquiry based learning model that encourages young people to identify a sustainability challenge in their school or community and lead a change making project.
- SHAC, he Sustainable Housing for Artists and Creatives project for the development of the community facility and creative hub at the new One Planet White Gum Valley development.



EQUITY AND LOCAL ECONOMY

2015/16 BASELINE

31,000 people living in the city
32,600 people working in the city
1.2 million visitors to the city
38,234sqm nett lettable office area
16,568sqm nett lettable retail area
9.2% retail vacany rate

TARGET

34,100 people living in the city
34,882 people working in the city
3 million visitors to the city
70,000sqm nett lettable office area
20,000sqm nett lettable retail area
5% retail vacany rate



The City will modify its procurement policy to include the principles of the national No Business in Abuse (NBIA) for procurement consideration of goods or services with organisations that provide support to facilities where human rights abuse may occur.

We have improved and updated the Access and Inclusion Plan to make continual improvements to ensure buildings, facilities, services, events, information and employment opportunities are available to all community members. Highlights for this year are partnering with the Disabled Surfers Association for 4 surfing events, welcoming the deaf community at Anzac ceremonies providing Auslan interpretation and supporting DADAA to run tactile tours and audio for blind people during the Fremantle Festival parade and Street Arts Festival. We are undertaking an initiative to look at alternative housing in Fremantle – The Freo Alternative – big thinking on small housing. We are engaging with the community to understand how our planning rules could be changed to allow for more small housing options in the suburbs without compromising the values of established neighbourhoods.



Health and Happiness - Corporate

CORPORATE TARGET

The City of Fremantle will promote and support health and wellbeing in the workplace by providing increased access to opportunities for staff to participate in programs relevant to their needs and will monitor the success of these programs through annual productivity / days lost to sickness / wellness and wellbeing statistics. The City will undertake a survey of health and well-being needs within the organisation complete by 2016 and develop a full program of health and well-being activities and events by 2020

The target for undertaking a health and well-being survey by 2016 has not been achieved. However, The City offers employee wellness programs throughout the year, which are available to all employees to improve overall health and wellness of our staff. 3 Employee Wellness programs were run in 2016, with an average of 92 staff attending each program

CORPORATE INDICATORS

Health and well-being survey (bi annual)
Maintain or increase training opportunities
Maintain or increase wellness related activities



HEALTH AND HAPPINESS

BASELINE

3 programs
92 attendance

TARGET

4 programs 5% annual increase

(5 additional staff each year)



Health and Happiness - Community

CORPORATE TARGET

The City of Fremantle will promote and support health and wellbeing in the community by providing increased access to opportunities for community members to participate in programs relevant to their needs. The City will monitor increase in uptake of relevant health and wellbeing programs on offer through the various City and community organisations offering opportunities

Again, this year there were over 40 visitors per day to the One Stop Shop, which provides support and information for over 55's and regular visitors maintain the rooftop garden at the Town Hall Centre. A wide-ranging annual learning program is delivered by the One Stop Shop, Arts Centre and Meeting Place. Visits and borrowings increased at the library from 200,000 to 210,000. Attendance at the Leisure Centre decreased slightly from 460,000 visits to 456,000.

Unfortunately, Western Australian Police crime statistics show that incidences of assault, burglary, graffiti, robbery and motor vehicle theft in the City increased by 4% in 2015/16 compared with 2014/15.

COMMUNITY BASELINE

Leisure Centre – 460,000 visits Library – 200,000 visits and borrowings One Stop Shop – 40 per day activity participants

Community Indicators

Number of people accessing City events, facilities and programs
WA Police crime statistics
Health Department and South Metropolitan Health Service studies (to be obtained for future reporting)

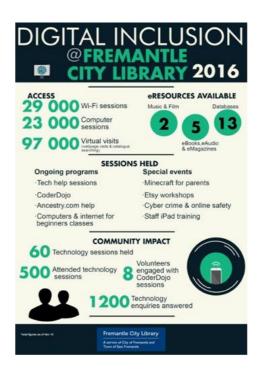
2016 HIGHLIGHTS

Fremantle City Library has been recognised nationally for its work with digital literacy in the local community. The award recognised the significant impact the library had helping the community to build digital skills in 2016.

The Walyalup Aboriginal Cultural Centre has partnered with Pindi Pindi, an Aboriginal owned and operated research centre for community wellbeing. Pindi Pindi is the research arm of the Koya Aboriginal Corporation with distinguished research professor Fiona Stanley, AC as its patron.

The toy library at the Hilton Community Centre continues to provide an affordable service to over 200 families whose 310 children played with toys, educational equipment and fancy dress costumes. A customer survey rated the service as excellent, with almost 8000 toys borrowed.

The City became a member of the WHO global network of agefriendly cities and communities. Positive Ageing forums attracted 43 activities with over 600 participants, covering topics such as personal and community safety, healthy lifestyle choices, arts, crafts, technology, recreational and fitness classes. The One Stop Shop wellness programs were a finalist in the Heart Foundation 2016 Local Government Awards. The City's Community Care centre provide support to older adults and people with a disability to maximise wellbeing, independence and access within their community. Ninety-four (94) clients received home and community care funded transport and social support services through the weekly Dial a Ride shopping bus and social outings. Feedback from clients include "I would be lost without this service after moving here from Victoria and my husband passing away" and "I don't know where I would be without this services since my husband died and I was suffering depression and this service has given me a reason to keep going".



Top Priorities for 2017

The One Planet Strategy includes a range of major and minor projects designed to meet our targets to 2020. The list below provides a snapshot of our 10 top priority programs and projects for 2017 for both corporate and community.

Principle	Programs and Projects
Zero Carbon Energy	Develop comprehensive energy plan, including renewables, energy monitoring and efficiency programs.
Zero Waste	Development of Waste Policy and Waste Management Plan.
Materials and Products	Implement the sustainable procurement policy and procedure
Travel and Transport	Undertake a staff travel to work survey
Local and Sustainable Food	Implement the sustainable procurement policy and procedure
Sustainable Water	Achieve Waterwise Council status
Land and Nature	Finalise the Urban Forest Plan
Culture and Community	Finalise Sustainable Events Guidelines and Checklist
Equity and Local Economy	Kings Square Redevelopment
Health and Happiness	The Happiness Project – ECU and City collaboration, Davis Park community gazebo project