

One Planet



Annual Report 2015





Photo: Cris Chong

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I. 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 route map for a better way to live and do business.

Message from Bioregional: Benjamin Gill – International Technical Manager

The City of Fremantle has been a sustainability leader in Australia for many years, and so we were extremely proud to welcome them as an internationally endorsed One Planet Partner earlier this year. The detailed targets laid out in this review, with the actions and strategies that lie behind them, demonstrate a true commitment to reduce the impact of the City's own operations to a sustainable level as well as make it easier for the residents to live a One Planet Lifestyle. Yet sustainability is about much more than clean infrastructure and technology, it also involves embracing a lifestyle linked to our community and local environment.

I was fortunate enough to participate in the recent One Planet Fest-a-Con and witness the passion, knowledge and enthusiasm that the community has for sustainability. I also visited the WGV (White Gum Valley) project, LandCorp's endorsed One Planet Community in Fremantle, and heard repeatedly how aspects of the development were 'only possible in Fremantle!' Achieving One Planet Living requires leadership from all areas - National, State and Local Government - as well as private businesses and the community. This document lays out the City of Fremantle's clear contribution to minimise their own impact and act as a catalyst for the community. It is an ambitious plan, but having seen the City and community in action I believe there are the skills and enthusiasm in place to deliver it, and give other Councils the confidence that they can follow their lead.

| | | |
|---|-----------------------------------|---|
|  | Health and happiness | Encouraging active, sociable, meaningful lives to promote good health and well being |
|  | Equity and local economy | Creating bioregional economies that support equity and diverse local employment and international fair trade |
|  | Culture and community | Respecting and reviving local identity, wisdom and culture; encouraging the involvement of people in shaping their community and creating a new culture of sustainability |
|  | Land use and wildlife | Protecting and restoring biodiversity and creating new natural habitats through good land use and integration into the built environment |
|  | Sustainable water | Using water efficiently in buildings, farming and manufacturing. Designing to avoid local issues such as flooding, drought and water course pollution |
|  | Local and sustainable food | Supporting sustainable and humane farming, promoting access to healthy, low impact, local, seasonal and organic diets and reducing food waste |
|  | Sustainable materials | Using sustainable and healthy products, such as those with low embodied energy, sourced locally, made from renewable or waste resources |
|  | Sustainable transport | Reducing the need to travel, and encouraging low and zero carbon modes of transport to reduce emissions |
|  | Zero waste | Reducing waste, reusing where possible, and ultimately sending zero waste to landfill |
|  | Zero carbon | Making buildings energy efficient and delivering all energy with renewable technologies |

In September 2014, the City of Fremantle's 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 of Fremantle became the fourth council in the world, and the first in Western Australia, to achieve national certification as a One Planet Council in October 2014.

In October 2015, the City went one step further and achieved international endorsement from Bioregional as a One Planet City, becoming the first Council in Australia and only the second city in the world to achieve this honour. Accordingly the City has reviewed our original targets to meet a set of common international targets derived from the science and metrics of ecological and carbon footprinting. These common international targets set out a long term vision to 2020 and beyond and require a strong commitment to bringing our community along on the One Planet Living journey. Our original national targets outlined in the One Planet Fremantle Strategy 2014/15 to 2019/20 have been replaced 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 will be assessed annually by Bioregional in order to track our progress towards the common international targets year on year.

We acknowledge that there is a lot of work to be done and that we have set the City some very ambitious targets but in setting them we are making a collective commitment to strive towards excellence and best practice across all that we do. This is just the beginning...

This report tells the story of what we have achieved in our first year 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.

¹ Bioregional champions a better, more sustainable way to live. It works with partners to create better places for people to live, work and do business. Bioregional is a registered charity and award winning social enterprise. www.bioregional.com



Photo: Shaun Cormack

2. Monitoring and reporting

As part of the City's international endorsement, a new set of corporate and community targets have been developed. Performance against these targets will be reported on an annual basis from 2016 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.

The City recognises that its current monitoring systems are not able to accurately measure progress towards our 2014/15 targets. In this report, we will therefore provide a snapshot of our projects and activities under each of the One Planet Living principles. We will continue to develop our measurement and monitoring systems and will provide data on our energy and water consumption, greenhouse gas emissions and waste production in the 2016 Annual Report. Renewable energy generation on City-owned facilities will be reported through an interactive online platform called GreensenseVIEW which records real-time generation and consumption data, enabling us to monitor whether our systems are performing as expected. We also intend to broaden our measurement approach this coming year to report on our community targets around energy, water and waste efficiency, providing important data to our stakeholders to encourage wider behaviour change and ensure engagement.

Projects identified as contributing towards our targets will be specifically captured as 'key performance indicators' for staff and business units and reported through our Interplan performance management, planning and reporting system. This means that the completion of individual projects under the action plan can be tracked and reported and business units across the organisation are accountable for delivering on their commitments.

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 using case studies and media outcomes.

3. The story so far

In our One Planet Strategy, we outlined our top priorities for delivery in 2014/15. The table below provides a snapshot of performance against these actions.

Corporate

| Action | Progress |
|--|---|
| 1. Investigation of sustainable development potential for the Knutsford St, City Works Depot site with a view to negotiating positive sustainability outcomes for any development on the site. | A Council item has been approved which requires inclusion of sustainable development clauses on the sale of the development site. The City has supported a 'Collaborative Research Centre for Low Carbon Living' project to investigate development of a zero carbon 'FredZED' housing precinct at the site. Investigations as to best strategies for point of sale conditions and possible actions are underway. |
| 2. Driving the success of the Public Place Recycling Program and Waste Not Organic Waste Program and documenting outcomes. | Temporary public place recycling bins (50) have been trialled and their effectiveness assessed. Permanent bins are due to be installed in 2016. |
| 3. Sustainable Procurement Action Plan and policy review for all purchasing in the City. | Development of a fully integrated online system for sustainable procurement has commenced, to guide officers across all areas of the local government in their purchasing. Thirteen staff 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 will follow in 2016. |

Action

Progress

| | |
|---|---|
| 4. Research into expansion of the renewable energy and energy efficiency program across new buildings and assets as identified post reform. | <p>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.</p> <p>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. In 2016, the performance of the system will be monitored via GreensenseVIEW.</p> <p>Australian-based company, Epuron, has entered a 12 month exclusive working agreement with the City (until August 2016) to investigate a solar farm concept for a contaminated former landfill site in South Fremantle.</p> <p>Solar- powered lighting was installed on a number of bollards at Bathers Beach.</p> <p>A new Sustainability Technical Officer was appointed in October 2015 and a full energy plan will be developed in 2016/17 to identify opportunities for expansion of the City's renewable energy and energy efficiency program.</p> |
| 5. Development of Sustainable Events Guidelines for internal and external events. | Sustainable Events Guidelines have been developed and are due to be published in 2016. The City will be providing sustainable events courses in 2016 to help arts, culture and festival providers within the City to understand and apply the guidelines. |

Community

Action

1. Delivery of monthly One Planet Fremantle Seminar Series in conjunction with Curtin University for ten months, culminating in a One Planet Festival.

Progress

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.

Ten One Planet Community Café events were also held in 2014/15 (one for each of the ten One Planet principles), involving speakers from academia, local government, business and community.

The One Planet Fest-a-Con, a three week suite of celebratory sustainability events and opportunities, including a major conference featuring eminent speakers and sustainability practitioners and WA's first International Environmental Film Festival, was held in October 2015.

2. 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. Three additional sponsored places are currently under application.

The City also supported the Australian Youth Climate Council Summit for Schools in 2014 and 2015 on climate change and low carbon living.

3. 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, with nine additional cafes due to sign up in 2016.

Action

4. Support the Waste Not Organic Waste Program to expand into Fremantle businesses.
5. Develop a residential sustainable home 'buyers and builders' guide and a sustainable suppliers discount booklet.

Progress

Due to internal resourcing constraints this program is now scheduled for roll-out in 2016/17.

Due to internal resourcing constraints this program is now scheduled for roll-out in 2016/17.



3.1 Zero carbon



Making buildings more energy efficient and delivering all energy with renewable technologies

Agreed Targets

- 1. Previous National Target:** All buildings and structures (including street lighting and stationary energy sources) within the operational control of the City of Fremantle will be 'net zero carbon' by 2020; powered and heated by a combination of on and off site renewable energy and / or fully carbon offset.
- 2. New International Corporate Target:** The City of Fremantle 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% powered by renewable energy by 2025.
- 3. New International 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 becoming zero carbon by 2025.

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.

In 2016, we will 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 an ambitious 100% renewable target.

We will develop a program to ensure that not only the City, but also our community, is zero carbon by 2025. The City will encourage this shift through a mixture of incentive programs and financial options, along with infrastructure upgrades.

Support for these programs has already begun, with the City's involvement in the development of

Landcorp's WGV One Planet Community in White Gum Valley. A Council item has been approved which requires inclusion of sustainable development clauses on the sale of the Knutsford Street former depot development site. The City supports and contributes to a 'Collaborative Research Centre for Local Carbon Living' project to investigate the development of a zero carbon 'FredZED' housing precinct at the site. Investigations as to best strategies for point of sale conditions and possible actions are underway.

Five (5) City of Fremantle schools were sponsored by the City to take part in the Low Carbon Schools Program which will commence in February 2016, with three (3) additional schools being considered for sponsorship. In 2015, the City also supported the Australian Youth Climate Council Summit for Schools on climate change and low carbon living.



3.2 Zero waste



Reducing waste, reusing where possible, and ultimately sending zero waste to landfill

Agreed Targets

- 1. Previous National Target:** The City of Fremantle will reduce its waste generation by 25% by 2015 against an agreed baseline. At least 60% of City waste will be recycled or reused by 2020
- 2. New International 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.
- 3. New International 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 a goal of a 70% recycling rate by 2020.

The original target required the City to reduce its corporate waste by 25% by 2015. At this point, it is not possible to measure our corporate waste as it is not collected separately to our residential waste. We are working towards collecting and measuring our corporate waste separately so that we have an accurate baseline against which to assess our progress towards our 70% reduction target by 2020.

An organic waste recycling system has been rolled out across City buildings including the Administration Centre, Arts Centre and Moore and Moore building to reduce our corporate waste processed via traditional means. The compostable waste is collected by a social enterprise, Waste Not, who reprocess and use it in their demonstration food production garden as a soil improver. A total of 13.2 tonnes of City organic waste was diverted through this program in 2014/15, which will be expanded to further City-owned buildings in 2016. Event sustainability guidelines have also been developed to provide guidance on how to reduce waste when organising an event within the City.

Our new targets include a commitment to reducing community waste and increasing recycling rates across the City. In support, 50 temporary public place recycling

bins have been installed throughout the CBD during 2014/15. The effectiveness of this initiative was assessed and Council has committed to installing permanent recycling bins in 2016.

A recorded 11 cafes have signed up to the Responsible Cafes scheme which was initiated to reduce disposable cup purchase, with nine (9) additional cafes due to sign up in 2016. In a related initiative, approximately 350 City officers have been issued with reusable cups to reduce paper and plastic waste.

Seed funding provided by the City and a grant from Keep Australia Beautiful allowed installation of a reverse vending machine on the Esplanade in September 2015, to provide a fun and rewarding way to recycle plastic bottles and cans over a three year trial period. Two ProAcqua water stations installed within the City diverted over 51,000 bottles from landfill and reduced the need for 234kg of petrochemicals in 2014/15.

Also in 2014/15, the Mobile Muster program diverted 36kg of mobile phone, battery and accessory waste from landfill and 58kg of waste was collected from South Beach and Bathers Beach during community clean up events. The City participated in the Garage Sale Trail for the second year in 2015 to encourage reuse of unwanted household items.

Sadly, the City's second attempt at enabling a Plastic Bag Local Law to limit the use of single use plastic bags was blocked by the Legislative Council in October 2015.

The City of Fremantle will now focus its efforts on continuing to provide education and support for the use of sustainable materials by local retailers and the community.



3.3 Sustainable transport



Encouraging low carbon modes of transport to reduce emissions, and reducing the need to travel

Agreed Targets

- 1. Previous National Target:** The City of Fremantle will reduce emissions from travel and haulage by at least 30% by 2020 in line with the sustainable carbon footprint target.
- 2. New International 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.
- 3. New International 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.

Whilst our original target committed to reducing corporate travel emissions by 30% by 2020, the new 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.

Sustainable travel incentives are provided to staff members who elect not to take up the free staff

parking option and standard and electric bicycles are available to staff for short trips and local meetings.

An 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.

The City supported the development of a proposal for an Electric Vehicle Highway between Fremantle and Margaret River which was adopted and funded by RAC and is due for completion by the end of 2016. The City has committed to installing additional electric vehicle charging points and is investigating installation of an off-grid, solar powered structure. This will provide a fully closed loop, renewable energy option for transport within the City.

The City's Bike Plan is progressing well, with four new bike counters installed, the South Beach bike path upgraded, a new bike path on Carrington Street and 58 new bike parking spots installed across the City. The Lefroy Road/Rennie Crescent bike lane has had a much needed upgrade and a new bike path has been installed on Winterfold Road (crossing Stock Road).

3.4 Sustainable materials



Purchasing and using sustainable products and services that have a low embodied energy ratio, high recycled content or high recyclability levels, are fair trade, organic or local and reduce carbon miles in production and delivery

Agreed Targets

- 1. Previous National 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 2015. All product suppliers and service providers will meet best practice for sustainable and ethical sourcing by 2020.
- 2. New International 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.
- 3. New International 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.

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.

Development of a fully integrated online system for sustainable procurement has commenced, to guide officers across all areas of the local government in their purchasing. Thirteen 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 will follow in 2016.

Sustainable Events Guidelines have been developed and are due to be published in 2016. The City will be providing sustainable events courses in 2016 to help arts, culture and festival providers within the City to understand and apply the guidelines.

The Kings Square redevelopment plans are compliant with 5* Green Star status.

3.5 Local and sustainable food



Choosing low impact, local, seasonal and organic diets and reducing food waste

Agreed Targets

- 1. Previous National Target:** The City of Fremantle will ensure that 50% of food by value purchased by the council is compliant with the local and sustainable food policy by 2015 and 100% by 2020 and will support community actions to increase local and sustainable food purchase and achieve better nutrition.
- 2. New International 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.
- 3. New International Community 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.

Our original target has been 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 guideline, purchasing policy and the soon to be developed sustainable procurement system.

The City has supported a number of local and sustainable food initiatives in 2014/15, including a Unique Food Vehicle Project through which a diverse variety of local mobile food businesses were provided with licences and permanent set-up spaces on a trial basis.

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. A new community gardens policy has been developed to support well-managed gardens.

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

Local catering is used for City of Fremantle events, including the full suite of One Planet Fremantle Fest-a-Con activities. Additionally, a One Planet community café seminar was delivered on local and sustainable food with expert guest speakers.

3.6 Sustainable water



Reducing water usage in buildings and in the products we buy; preventing flooding and pollution

Agreed Targets

- 1. Previous National 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 25% by 2015 against a recent baseline year and 50% by 2020.
- 2. New International 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 2005 baseline year levels by 2020.
- 3. New International 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.

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

In 2014/15, an extensive Water Corporation-funded program of water audits and efficiency retrofits was rolled out across five (5) City buildings to upgrade inefficient tap, toilet and shower fittings and repair leaks.

At the Leisure Centre alone, 58,000 litres of water was saved in the first two months of installation of reduced flow showerheads.

Fremantle Park was hydro-zoned to reduce the water intensity of turf and five additional open spaces have been prioritised for hydro-zoning in coming years. A capital works budget was also approved for bore replacement and irrigation upgrades across the City's parks, aimed at increased both water and energy efficiency.

The City's adopted Water Conservation Strategy (2013) and emerging 2020 Green Plan 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.

A community café workshop was delivered on water efficiency, including expert speakers and tips to assist the public in measuring and reducing their own water consumption.

3.7 Land use and wildlife



Protecting and expanding existing natural habitats and creating new space for wildlife

Agreed Targets

- 1. Previous National Target:** The City of Fremantle will contribute to increasing levels of biodiversity and space for wildlife through their own strategies, guidelines and practices, as well as measures carried out on local government owned properties or through time or financial support to an appropriate wildlife charity or initiative.
- 2. New International 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.
- 3. New International 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 Forestry Plan by late 2017.

The City's original target has been expanded and quantified, to increase canopy cover up to 20% by 2020. This will have multiple benefits in reducing urban heat island effect, facilitating biodiversity corridors, increasing habitat and improving amenity.

The City is currently committed to planting 1,000 trees per year as part of normal operations and this year has seen a 97% increase in community coastal planting through the Perth NRM Coastcare program. The City provides funding support for a Coastcare Facilitator within Perth NRM who works exclusively to progress this valuable work. The City also provides support to Friends of bushland reserve groups within the City and has provided input into the South West Group's Biodiversity Corridors research. A widespread community gardens network is supported by the City and small community grants are provided to encourage sustainable growth and development.

The 2020 Green Plan proposes to increase public open space, establish a network of green links, work with landowners and developers to manage and enhance green space on private land, prepare and implement an Urban Forest Strategy and publish a Biodiversity Plan. The 2020 Green Plan also identifies a range of voluntary registration and data collection processes for populating the City's significant tree register.

Stage three (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. This study is now being reviewed by the City and adaptation recommendations will be presented to Council early-2016. The City is preparing to undertake a similar study for the Northern beaches of Leighton and Port in partnership with the Town of Mosman Park following a successful application for a Department

of Planning / WA Planning Commission coastal management plan grant. Both coastal vulnerability studies will be rolled into an updated Climate Change Adaptation Plan in 2017, following a review of the current Council-adopted document.



3.8 Culture and Community



Reviving local identity and wisdom; supporting and participating in the arts

Agreed Targets

- 1. Previous National 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) made by 2015 and further by 2020.
- 2. New International 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.
- 3. New International Community Target:** The City of Fremantle will promote an understanding of the One Planet Council program across the community and commit to enabling at least 3000 people per year to engage in one planet related activities (10% of population) - including community and cultural events.

Bringing our staff and community along on the One Planet Fremantle journey is vital for ensuring that the ten principles are embedded in all that we do. To this end, in 2014/15, the City demonstrated its achievement against the national target by delivering ten 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; and
- 85% of respondents incorporating the One Planet Living principles into their role.

Delivery of a broad range of community sustainability activities has also been a priority in the first year of the One Planet Strategy, to send a strong message about the City's commitments and engage the community in our plans.



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, 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, was held in October 2015. Other exciting events have included Earth Hour, Garage Sale Trail, the Suitcase Rummage, Ride to Work Breakfasts, Living Smart workshops and PARK(ing) Day.

A rooftop garden at the Town Hall Centre was developed and managed by local seniors / volunteers and coordinated through the One-Stop-Shop, including activation of vacant space and intergenerational activities. Further lifelong learning opportunities for all ages were delivered through the One-Stop-Shop, the Meeting Place and the Arts Centre

A One Planet online hub has been created through Ning to bring together community members who wish to stay engaged with the One Planet program following attendance at events. A photo gallery of sustainable Fremantle images from businesses, local government and community has been built and will be constantly added to during the delivery of the strategy to capture the positive impact of the City's activities.

3.9 Equity and local economy



Creating local economies that support fair employment, and international fair trade

Agreed Targets

- 1. Previous National Target:** The City of Fremantle will provide a robust range of support mechanisms to foster new and existing local business by 2015 and to support the community in its drive towards economic, environmental and social sustainability. It will provide a full package of support, training and engagement mechanisms by 2020.
- 2. New International 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.
- 3. New International 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.

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. A full range of support mechanisms will be developed and implemented by 2020.

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, including:

- Freewheeler App to track and reward sustainable transport choices;
- Wray Avenue Solar Parklet to provide a sustainable community hub;
- Kazoomies sustainable restaurant, working with Oz Harvest to give unused food to people in need; and
- Life Cykel, Australia's first urban mushroom farm.

The City provides ongoing investment and support for an independent body of local business owners

through the Fremantle Business Improvement District (BID) to encourage engagement with the wider business community and promote ownership of the local business precinct. Two business workshops were delivered by the City in 2014 and Business Foundations, a non-profit organisation, was engaged to continue this program into the future.

The Waste Not organics program is delivered through a local social enterprise and will be expanded from City buildings into the business sector in 2016. The City also supported the School for Social Entrepreneurs accelerator program by sponsoring two student places, the Responsible Cafes and CitySwitch programs and supports other social enterprises, and not-for-profits such as; the Fremantle Good Map.

We also participate in collaborative partnerships with Living Smart, Fair Trade Fremantle and the Collaborative Research Centre for Low Carbon Living.



Photo: Harry Deluxe

3.10 Health and happiness



Creating a future where it is easy, attractive and affordable for people to lead happy and healthy lives within a fair share of the earth's resources

Agreed Targets

- 1. Previous National Target:** The City of Fremantle will promote and support health and wellbeing in the workplace by providing increased access to opportunities for staff and community to participate in programs relevant to their needs. Survey of health and wellbeing needs within the organisation complete by 2015. Development of full program of health and well-being opportunities by 2020.
- 2. New International 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.

- 3. New International Community 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.

The previous One Planet targets have been updated to include monitoring of the uptake and impact of health and wellbeing programs in both the workplace and the community.

In 2014 and 2015, the City of Fremantle partnered with Edith Cowan University to deliver The Happiness Project, an innovative creative initiative which aims to provide ideas for enhancing 'happiness' in the city. Over two years, the project has seen over 250 design students from three different design based units (graphic design, urban design and design thinking) research and define a challenge that can be solved, alleviated or exposed through human-centric design. The projects explore areas such as health, environmental, economic and social design. This might include wayfinding, access issues, arts, creative use of public space or services. The students have worked closely with their 'client', the City of Fremantle, including talking with Fremantle Mayor, Dr Brad Pettitt who outlined issues of sustainability and a vision for a sustainable and prosperous future for the City, and working with local business and industry.

In 2014 the winning project, designed by Natalie Sullivan, was CycleFreo, a cycling specific wayfinding system to encourage more riders to hit our streets on their bikes safely and with clear pathways and routes. This project will be delivered in 2016 as part of the broader Fremantle wayfinding project. In 2015 the winning project, Sing To Me Freo, was a 'just for fun' project designed by Emma Richardson, a karaoke parking ticket machine which validates parking in exchange for a song, encouraging fun, safe social interaction in a public setting. Design / cost options are currently being explored for implementation in 2017. Over 280 people attended the Happiness Project closing exhibition in July 2015.

There were over 40 visitors per day to the One Stop Shop, which provides support and information for over 55's and regular visitors have developed a 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 and, in 2016, the One Planet Living principles will be incorporated into the program's range of events and initiatives.

As part of a MoU with the City, three Living Smart community sustainability courses were delivered throughout the year to engage the community in long term sustainable behaviour change and facilitate development of local sustainability hubs / groups. The City also provided logistical and marketing / advertising support to the Living Smart board.

Over 260,000 people visited the Fremantle library in 2014/15, an increase of 18 percent on the previous year. Western Australian Police crime statistics show that incidences of assault, burglary, graffiti, robbery and motor vehicle theft in the City decreased by almost three (3) percent in 2014/15 compared with 2013/14.



4. Looking to the future – top priorities for 2016

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 ten (10) top priority projects for 2016 for both our corporate and community improvement strategies:

| Principle | Project |
|----------------------------|--|
| Zero Carbon | Develop comprehensive energy plan, including renewables, energy monitoring and efficiency programs. |
| Zero Waste | Development of Waste Policy and Strategic Waste Management Plan. |
| Sustainable Transport | Provision of electric vehicle charge points and marketing / management. |
| Sustainable Materials | Review purchasing policy and develop sustainable procurement action plan and online toolkit. |
| Local and Sustainable Food | Deliver three health and nutrition community workshops. |
| Sustainable Water | Achieve Waterwise Council status. |
| Land Use and Wildlife | Develop an Urban Forest Strategy. |
| Culture and Heritage | Develop annual sustainable events course and policy to arts, culture and festival providers planning to produce events in Fremantle. |
| Equity and Local Economy | High Street Mall place activation upgrade. |
| Health and Happiness | Deliver One Planet Fest-a-Con 2016. |



Photo: Arisara Uaprommat



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