

# One Planet Fremantle Strategy

2014/2015 – 2019/2020





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# One Planet

## Fremantle Strategy

2014/2015 – 2019/2020



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# Foreword from the Mayor



At the City of Fremantle we are driven by innovation, efficiency and planet stewardship and to that end we are committed to applying the One Planet Common International Targets and 10 sustainability principles throughout our organisation and our community.

We're not focussed on single issues – but see sustainability as part of everything we do at the City.

When we work on our travel strategies we focus on reducing congestion and pollution; when we work on our assets management plan we focus on saving money and reducing carbon emissions through energy and water efficiency; when we work on our community development strategies we focus on fostering the development of sustainable small business and upskilling Champions in sustainability issues.

We believe in the ethos of 'thinking globally and acting locally', and so we keep an eye on how our

actions here in the City impact on others outside of our direct sphere of influence, while working with our community to support them in their sustainability endeavours.

The beauty of sustainability as an overarching strategy is that its key underlying pillar is one of constant self-improvement and evolution. We acknowledge that there is a lot of work to be done and that we have set ourselves some tough targets, but in setting them we are making a collective commitment to strive towards excellence and best practice across all that we do.

This strategy outlines our overarching targets, which will drive the action plan. It will be reviewed on an annual basis, enabling us to move through the organisational and boundary changes to come, with the flexibility to incorporate new facilities, communities and environmental issues.

Innovation is not static, and as such we have built responsiveness into this document to enable us to move towards our ultimate goal – to be using our resources equitably and ethically – as a One Planet Council.

We look forward to embarking on this vital journey with our staff and with our community.

**Dr Brad Pettitt**  
Fremantle Mayor







∴ The One Planet Fremantle Strategy  
∴ acknowledges that sustainability is not an  
∴ add-on, or a magic bullet, but like all strategies,  
∴ a process of continual improvement.





# Introduction

**Our Vision: The City of Fremantle aims to become Perth's most sustainable local government – 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.**

If everyone in the world lived as we do in Australia, we'd need almost four planets worth of resources to sustain us. What this means is that basically, we're living outside of our planet's means. If we don't reverse this trend our lifestyles will have a dire impact on our own quality of life, and on the global community.

In order to set ourselves on a path towards reducing our impact, the City of Fremantle has joined an international network of 'One Planet' communities, who all use BioRegional's One Planet Living framework to address the sustainability challenges that we face on a daily basis as a council.

This document sets out our vision and our targets for moving towards becoming a 'One Planet' Council, working and living within our 'planetary means'.

The ten One Planet Principles and the targets we've set against them look beyond energy, water and waste as the primary sustainability concerns – and towards how we live and work, and how the quality of our

interactions drive our sense of belonging to the global community and our ability to comprehend our impact beyond our immediate selves.

The One Planet Fremantle Strategy acknowledges that sustainability is not an add-on, or a magic bullet, but like all strategies, a process of continual improvement.

It acknowledges that the journey towards sustainability has no end point, and as such, this document will never be 'complete'. It provides an enabling pathway towards innovative thinking, responsible decision-making and future-proofing actions which we hope will bring our organisation, and our community, closer to a point of acting in a socially, environmentally and economically responsible manner.

The purpose of the One Planet Fremantle Strategy is to better incorporate this enabling pathway into the City's operational activities and into the services it delivers to the community through meaningful reporting, active projects and community engagement.

# Our implementation strategy

**Achieving our One Planet Fremantle goals is going to require a concerted and collaborative effort to enable ‘whole of organisation’ change. Sustainability, being one of our key strategic imperatives, underpins our operations at all levels.**

The One Planet Principles, and the achievement of our articulated targets, lend themselves to input and implementation by a broad range of staff within the City, and to this end – the One Planet Fremantle Strategy and Action plan formalises the pathways to achievement, and the high level responsibility for each action.

## **The One Planet journey so far**

The City of Fremantle has not embarked lightly on the One Planet process. To get to this point, and to facilitate the development of this strategy and its accompanying action plan, we have engaged directly with each business unit across the organisation through a series of internal workshops, sought their counsel on the actions already successfully implemented, and sought their inspiration on the actions that the City might take to improve our performance.

In recognising the challenges of executing a sustainability strategy across a large and diverse organisation such as the City of Fremantle, we have undertaken to ensure that our process for the development of this strategy was as inclusive as possible, and to closely align the articulated sustainability

objectives with the Strategic Plan and other relevant plans and policies where possible.

## **Staff structures**

The City of Fremantle’s Sustainability (Strategic) Officer will hold primary responsibility for maintaining the One Planet Fremantle Strategy and reporting against the targets and actions outlined herein on an annual basis, however the staff structure that underpins this process will include staff from all departments and business units, including Management and Senior Management staff.

These actions will also be supported by the One Planet Fremantle Champions Team, an internal team who facilitate and support the delivery of the One Planet Principles within the City of Fremantle and across its facilities.

Each of the One Planet Principles lends itself to input from a different business unit or team, or from multiple teams, and as such is an enabler for cross-departmental working groups, and integrated strategy implementation.

## **Stakeholder roles**

The One Planet Fremantle Strategy is not merely a strategy for the City of Fremantle, but a supportive

framework for our community, who are both our leaders and our champions on the journey towards a One Planet Fremantle.

Beyond our immediate staff and facilities and the impact they have on sustainability, the contributions and impacts of our subcontracted employees, suppliers, partners and partner organisations, universities, local business and our community are also a focus of this strategy, and we aim to ensure that those who wish to participate and support this journey are able to do so.

### **Scope of impact**

The scope of impact which the City will measure and report on a quantitative basis will be limited to the facilities, assets, projects and policies under our operational control as an organisation, including but not limited to buildings / facilities, staff (and subcontractors), sustainable procurement, waste reduction, carbon emissions and energy efficiency, water use, materials and biodiversity / revegetation.

However 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 management that fall under the 10 One Planet Principles, including health and happiness, equity, culture and community using case studies and media outcomes.

### **Monitoring and reporting**

The intention of this document is to map our high level targets and commitments, and is complemented by a corresponding internal action plan which will enable us

to simplify our ability to identify, monitor and report against our sustainability related commitments.

Significantly, at the City of Fremantle, actions delivered against sustainability outcomes have not traditionally sat within an environment or sustainability team, but have been spread across the organisation and allocated to a range of different managers or officers.

This suite of living documents will enable us to keep a centralised repository for all of those commitments, both present and future, and to support reporting against those outcomes in a centralised and simplified fashion to make clear the achievement of outcomes against targets set and actions committed.

Progress will be communicated internally via the One Planet Fremantle page on Sharepoint and internal comment on progress, or possible innovation will be invited, in particular from the One Planet Fremantle Champions Team and Senior Management Group.

Progress against the strategy will also be communicated annually to council and community, and calls for innovation, comment and feedback will be invited to ensure the One Planet Fremantle Strategy and action plan meet the targets set by council, and also take full account of community sustainability needs.

### **Relationship to other Strategic Documents**

The strategy is designed as an informing document to further embed sustainability within the integrated strategic planning process being undertaken across the City and to be flexible enough to incorporate enhanced needs that might arise from the current reform agenda.



## The One Planet Fremantle Strategy is not merely a strategy for the City of Fremantle, but a supportive framework for our community

While this strategy touches on the need for review of some policies, procedures and plans within a reform environment, it also acknowledges the current efficacy of the majority of existing documents, and as such, incorporates them as part of the implementation strategy.

The City's primary strategic document is its Strategic Plan 2010 – 2015 which drives the highest level outcomes the City would like to achieve on behalf of its community. Sustainability sits as a pillar of that strategy. A number of other documents directly impact on sustainability within the City of Fremantle, including a range of land management plans and local planning schemes.

The major strategic documents with which the One Planet Fremantle Strategy aligns are:

- Disability Access and Inclusion Plan
- Fremantle Economic Development Strategy
- Cultural Development Strategy
- Fremantle Lighting Strategy
- City of Fremantle Bicycle Plan
- Low Carbon City Plan
- Climate Change Adaptation Plan
- Water Conservation Strategy

### Inspiring achievement and celebrating success

It is well documented that sustainability related strategies, projects, policies and processes have little success without a few key elements, namely: buy-in at all levels of organisational hierarchy; internal inspiration and achievement related rewards; and celebration and acknowledgement of success.

To this end the One Planet Fremantle Strategy and action plan also encompasses an internal program of events, offerings and competitions, based around the 10 One Planet Principles, which aim to inspire City staff to get involved directly in the process, and highlight the social and 'enjoyment' benefits that can come from working on sustainability related issues.

This monthly program will support City staff to engage in the One Planet process, and build a shared language around sustainability internally - which will assist us to break down stereotypes, encourage ownership and to ensure that when we, as a staff, communicate with our community about our process and our progress, we do so in an inclusive and consistent manner.

This strategy and action plan will also ensure that an interesting program of events and opportunities is offered to the Fremantle community, so that they can come together and celebrate achievements, share stories and be rewarded for their participation in building the sustainability of the City of Fremantle.







# Our top priorities for 2014 / 2015

**While this strategy outlines the high level targets for the next five years rather than focussing on individual actions, the lists below details some of our top short-term priorities for the 2014/15 financial year for both our internal improvement strategy (corporate) and our external improvement strategy (community).**

## **Five top corporate action points for the City of Fremantle**

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.
2. Driving the success of the Public Place Recycling Program and Waste Not Organic Waste Program and documenting outcomes.
3. Sustainable Procurement Action Plan and policy review delivered for all purchasing at the City.
4. Research into expansion of the renewable energy and energy efficiency program across new buildings and assets as identified post reform.
5. Development of Sustainable Events Guidelines for internal and external events.

## **Five top community action points for the City of Fremantle**

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

2. Engage with Fremantle schools to reduce carbon and implement sustainability initiatives.
3. Deliver the Responsible Cafés Program across Fremantle food and beverage businesses.
4. Support the Waste Not Organic Waste program to expand into Fremantle businesses.
5. Develop a residential sustainable home 'buyers and builder's' guide and a sustainable suppliers discount booklet.

## **The 10 One Planet Principles**

The ten One Planet Principles overleaf outline the scope of the strategy, and the elements of our strategy against which we will set specific targets for the City of Fremantle. These targets may be in the form of quantitative measures, such as percentage reduction against a baseline, or they may be more qualitative targets, such as enhanced service provision.

We acknowledge that many of these targets are cross-cutting, so carbon might be addressed under the zero carbon principle, but might also be addressed under transport (fuel use) and waste (methane production).



# The One Planet Principles

<b>Zero carbon</b>	making buildings more energy efficient and delivering all energy with renewable technologies
<b>Zero waste</b>	reducing waste, reusing where possible, and ultimately sending zero waste to landfill
<b>Sustainable transport</b>	encouraging low carbon modes of transport to reduce emissions, reducing the need to travel
<b>Sustainable materials</b>	using sustainable and healthy products, such as those with low embodied energy, sourced locally, made from renewable or waste resources
<b>Local and sustainable food</b>	choosing low impact, local, seasonal and organic diets and reducing food waste
<b>Sustainable water</b>	using water more efficiently in buildings and in the products we buy; tackling local flooding and water course pollution
<b>Land and wildlife</b>	protecting and restoring existing biodiversity and natural habitats through appropriate land use and integration into the built environment
<b>Culture and heritage</b>	reviving local identity and wisdom; support for, and participation in, the arts
<b>Equity and local economy</b>	creating bioregional economies that support fair employment, inclusive communities and international fair trade
<b>Health and happiness</b>	encouraging active, sociable, meaningful lives to promote good health and well being



# Zero carbon

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

**Our 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.**

Currently the City has a dedicated program of development for renewable energy and energy efficiency projects which includes widespread installation of solar energy solutions and a major upgrade of the Fremantle Leisure Centre to geothermal and renewable energy sources amongst other valuable projects.

The City of Fremantle already operates under a policy of carbon neutrality - which means that every year we measure our carbon emissions from all of our operations and facilities, we implement a program of energy generation and carbon reduction measures and we offset any residual emissions - making our carbon balance zero or ‘neutral’.

We are one of the few councils in Western Australia that sections off a percentage of annual rates revenue to put entirely towards carbon reduction projects. This means that each year we are able to set aside a significant budget to build on our commitment to reducing our carbon impact, which also reduces our need to purchase offsets to meet our carbon neutrality requirements.

A broad range of programs and projects are currently in progress or planned to reduce our organisational carbon footprint and to support our community to reduce theirs, including:

- The Low Carbon Schools Project.
- The carbon budget and carbon accounting system.
- The renewable energy generation program (including solar, geothermal and co / tri-generation projects).
- Upgrades to City owned public lighting to LED or other energy efficient technology.
- Real time energy monitoring software for major local government buildings and facilities.

We support our local business community through the CitySwitch program, and we will also support our local school community this year by sponsoring and supporting the Australian Youth Climate Coalition Summit 2014.

We are one of the few councils in Western Australia that sections off a percentage of annual rates revenue to put entirely towards carbon reduction projects.



## Targets

1. All new commercial, mixed use and multi-residential developments to be designed and constructed in such a manner so as to achieve a rating of not less than 4 Star Green Star using a relevant sustainability rating tool.
2. Maintain and sustain carbon neutral status throughout reform process and report 2015/16.
3. Sign eight local / regional schools to the Low Carbon Schools program by 2016.
4. Sign 20 commercial businesses to the CitySwitch program by 2017.
5. Implement real time energy monitoring on all renewable energy installations by 2017.
6. Expand renewable energy program to include all feasible buildings and facilities by 2020.

## Relevant Plans and Policies

- Low Carbon City Plan.
- Climate Change Adaptation Plan
- DBH12 Energy Efficiency Building Design
- Local Planning Policy 2.2 Split Density Codes and Energy Efficiency and Sustainability Schedule.



# Zero waste

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

**Our 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.**

Changing our mindset on what is 'rubbish' and what is 'resource' is part of our progress towards waste efficiency at the City of Fremantle. Staff will be able to access training and development opportunities on waste reduction in the workplace, which will also be relevant to home and lifestyle. Some of these opportunities will also be offered at a community level through our various community engagement and training programs, including our One Planet community seminar series.

Waste is a major target area for the City, and we're working with both our staff and our community to ensure that we achieve our waste reduction goals!

A range of programs and projects are currently in progress or planned to reduce our corporate waste profile including;

- Waste Not Program, to divert our organisational organic waste from landfill.
- Public place recycling for the community.

- Signed recycling and free water stations at all City events.
- Joining the Responsible Cafe's program, designed to encourage our local business community to reduce their waste.
- Garage Sale Trail program participation.
- Approval of the installation of two ProAcqua water machines - designed to reduce the use of disposable plastic bottles.
- The Plastic Bag Local Law to ban the distribution of single-use plastic bags through our local retailers and businesses.

The City of Fremantle is a member of the Southern Metropolitan Regional Council (SMRC), which has implemented a regional waste management strategy, the Regional Resource Recovery Centre (RRRC). The centre has dramatically reduced household material sent to landfill by over 70%, by combining world-leading technology with a simple, community-friendly collection system.



## Targets

7. Develop full event sustainability guideline and communicate to all event holders Dec 2014.
8. Increase participation in Garage Sale Trail by 20% by Nov 2015.
9. Reduce organic waste going to landfill from City of Fremantle buildings and facilities by 70% by Dec 2015.
10. Waste Not program to be expanded to 20 Fremantle businesses by Dec 2015.
11. Deliver Plastic Bag Local Law and marketing program by May 2015.
12. Public Place Recycling Scheme audit and marketing program to be delivered by June 2016.
13. Sign 20 local cafes to the Responsible Cafes program by Dec 2016.

## Relevant Plans and Policies

- SG2 Waste Minimisation
- SG24 Sustainable Procurement
- Plastic Bag Reduction Local Law 2014

Waste is a major target area for the City, and we're working with both our staff and our community to ensure that we achieve our waste reduction goals!



# Sustainable transport

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

**Our 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.**

The City has recently published a comprehensive Bike Plan which outlines a wide range of initiatives designed to support the broad uptake of cycling as a major transport mode. It outlines specific targets for cycling increase on an annual basis and a range of innovative programs in order to facilitate this increase.



We are also working on an integrated transport strategy, which will take into account all transport modes, with a view to increasing sustainability, accessibility and livability. This will result in reduced carbon emissions consistent with the overarching greenhouse gas emissions reduction target but will also net a range of positive sustainability outcomes – social, environmental and economic.

A range of other programs and projects are currently in progress or planned to increase our engagement with sustainable transport options including;

- Supporting the Electric Vehicle Highway project, with the hope of being the 'gateway' to the highway.
- Delivering a range of annual active transport events including Bike Week, Ride to Work Breakfast and Walk Week.
- Working with ECU Design School to develop the CycleFreeo wayfinding project.
- Providing two free electric vehicle charge points.

- Providing a new Electric Vehicle DC Fast Charge point in a visible location in the Fremantle CBD.
- Providing a large number of free bikes which are available for hire from the City.
- Providing a free CAT bus service around the city.
- Endorsing a car share policy to facilitate car share schemes setting up in our city.

### Targets

14. Develop car share policy and facilitate at least one car share scheme setting up in Fremantle by Dec 2014.
15. Increase community participation in active transport events by 20% by June 2015.
16. Increase sustainable transport use for City staff by 30% by June 2016.
17. Produce a full carbon evaluation of all fleet and fuel uses by the City by June 2016 (inclusive of increased fleet resources post reform).
18. Develop and communicate Integrated Transport Strategy by Dec 2016.
19. Implement Bike Plan outcomes by June 2018.

### Relevant Plans and Policies

- Integrated Transport Strategy (in development)
- Fremantle Bicycle Plan 2014 – 2018
- Car Share Policy 2014

We are also working on an integrated transport strategy for the City, which will take into account all transport modes, with a view to increasing sustainability, accessibility and livability.



# 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.**

**Our 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.**

The City is working with a sustainable procurement specialist to review our policies and develop a full action plan for the purchase of sustainable goods and services, both for the City and the community.

A range of other programs and projects are currently in progress or planned to increase our engagement with sustainable materials and purchasing options including;

- Purchasing compostable cups, recycled plates and bowls, and making use of re-useable options where possible.
- A policy of purchasing local, sustainable and fair trade catering supplies.
- Staff are encouraged to purchase their stationery options from the Staples 'Eco' range, which provides a broad range of sustainable options for office basics.

- Purchasing 'carbon neutral' paper which has a high recycled content.
- Supporting a range of demonstration projects, including Josh's House and The Meeting Place
- Developing a Residential Sustainable Design Guideline and Subsidies Program for Fremantle residents.

The preliminary design of our new building project for the City has also been sensitive to the need to incorporate sustainability objectives into the design, and use of sustainable, renewable or recycled materials is a significant part of our progress towards achieving a high 'Green Star' standard. We also have a range of policies for developers which give them a set of sustainability criteria to adhere to when making development applications and offer significant incentives for those achieving high sustainability outcomes.

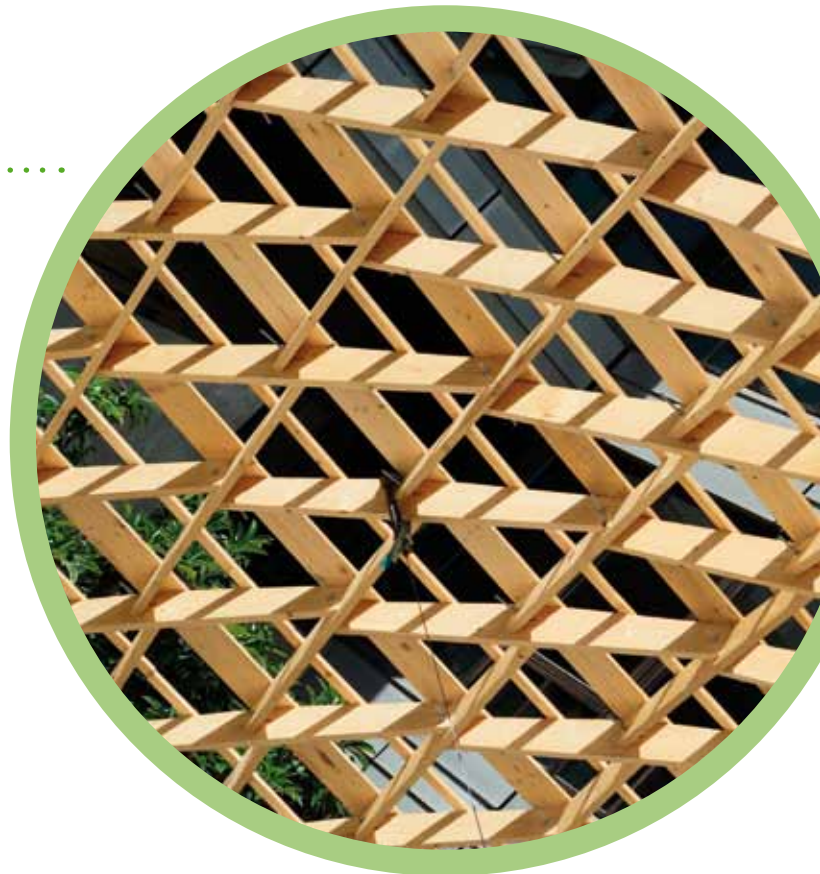
## Targets

20. Develop residential sustainable design guideline by Dec 2014.
21. Review purchasing policy and develop procurement action plan by Dec 2014.
22. Develop online sustainable procurement toolkit by June 2015.
23. Develop sustainability products and services subsidies program by June 2016.
24. Ensure 5 Star Green Star compliance for Kings Square development.

## Relevant Plans and Policies

- LPP 2.1.3 Sustainable Buildings Design Requirements
- LPP 2.2 Split Density Codes and Energy Efficiency and Sustainability Schedule
- DBH 12 Energy Efficient Building Design
- SG 38 Purchasing Policy
- SG 24 Sustainable Procurement

The preliminary design of our new building project for the City has also been sensitive to the need to incorporate sustainability objectives into the design, and use of sustainable, renewable or recycled materials is a significant part of our progress towards achieving a high 'Green Star' standard.





# Local and sustainable food

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

**Our 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.**

We are incredibly lucky to have access to a broad and growing array of local, sustainable and ethical food. Many of our local food producers dedicate their businesses to producing tasty, healthy and ethical food options so that Fremantle locals and visitors can enjoy a great meal while contributing to positive sustainable outcomes.

By supporting these local businesses, City staff make a great contribution to the local economy, and ensure their food choices have a minimal impact on the planet.

A range of other programs and projects are currently in progress or planned to increase our engagement with local and sustainable food including:

- A policy of purchasing local, sustainable and fair trade catering supplies.
- Upholding a commitment to being one of Western Australia's few 'Fair Trade' cities.
- Supporting staff to work towards a healthy and sustainable lifestyle by providing some terrific courses and events throughout the year on sustainable foods.

- Making sustainable food education available to residents through the CUSP / One Planet Community Cafe Series.
- Supporting community gardens through policy and guidelines.
- Providing community grants.
- Facilitating unique food vendor programs and local markets.



## Targets

25. Maintain status as a Fair Trade Council.
26. Ensure all internal catering meets local, ethical or fair trade standards by Dec 2014.
27. Review purchasing policy and develop procurement action plan by Dec 2014.
28. Deliver One Planet Community seminar on local and sustainable food by June 2015.
29. Develop and deliver Community Garden Policy and Guideline by Dec 2015.
30. Ensure at least 7 schools in the City of Fremantle area have food production gardens by Dec 2016.
31. Ensure all Fremantle residents are within walking distance of a community garden by 2020.

## Relevant Plans and Policies

- SG 38 Purchasing Policy
- SG 24 Sustainable Procurement
- SG 2 Waste Minimisation
- Community Gardens Policy & Guideline
- Amendment to Verge Beautification Policy to include food production gardens

By supporting these local businesses, City staff make a great contribution to the local economy, and ensure that their food choices have a minimal impact on the planet.



# Sustainable water

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

**Our 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.**

The City of Fremantle is very aware of Western Australia's water scarcity and as a result is working on some innovative strategies to ensure that we use water sparingly and efficiently.

Our newly developed Water Conservation Strategy takes a strategic approach to water conservation, looking at the impact of our public open space on water use and our building and facilities. It considers hydro-zoning options, revegetation, pollution reduction and water efficiency in public amenities, public open space and City administration buildings and facilities.



The City also has a policy of using pesticides sparingly and where possible choosing pesticides and fertilisers with the lowest toxicity available to ensure watercourses, in particular our iconic Swan River, remain clean and healthy.

We are also a signatory to both the ICLEI Water Campaign and Waterwise Councils programs, and have completed milestones for both programs.

We support our community through a variety of programs and rebates, including grey water and rainwater storage, and we provide information and promotion for these rebates.

We subsidise three Living Smart courses for community and business each year, which enables our community to learn strategies for reducing their impact on the environment, including water reduction, and our residential guideline, currently in development, will provide tips and tools to buyers and developers on how to retrofit or fit-out a building with sustainable technologies and waterwise measures.

## Targets

32. Develop assessment of all public open space (active and passive recreation) and assess for on-site water storage or grey water re-use feasibility by Dec 2015.
33. Install real time water metering readers on top 10 water usage sites by Dec 2015.
34. Meet ICLEI Water Campaign Milestone 5 by June 2016.
35. Meet all Waterwise Councils obligations by June 2016.
36. Implement Water Conservation Strategy outcomes by 2018.

## Relevant Plans and Policies

- Water Conservation Strategy
- DF 2 Use of Dangerous Chemicals
- LPP 2.1 Fremantle Port Buffer Area Development Guidelines

Our newly developed Water Conservation Strategy takes a strategic approach to water conservation, looking at the impact of our public open space on water use and our building and facilities.



# Land use and wildlife

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

**Our 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.

The City is heavily urbanised, and with little natural 'bushland' remaining within the City's boundaries it lends itself to smaller scale projects and more intensive management of its remaining natural areas. Supporting projects consist of the current native verge plantings scheme, small revegetation projects in existing parks and reserves, nestbox installations, feral animal control and coastal dune protection.

We undertake a range of activities dedicated to ensuring that habitats are as clean and plastic free as possible, such as:

- The Plastic Reduction Local Law.
- Undertaking marine debris surveys.
- Programmed summer beach cleaning.
- Endorsing the installation of ProAcqua water vending machines.

We also undertake a range of activities dedicated to ensuring that habitats are as healthy, diverse and connected as possible, such as:

- The 1,000 Trees program, dedicated to providing shade, reducing the Urban Heat Island Effect and providing habitat and connectivity across the region.
- Planting over 5,000 native plants in bushland and coastal reserves.
- Having reserves and biodiversity assets mapped and catalogued to assess areas for improvement and infill.
- Working with Carbon Neutral to investigate the Urban Forest Project.
- Considering supporting the revegetation of regional areas and development of regional carbon sinks to localise our carbon offsets commitments.
- Supporting community 'Friends of' groups.
- Supporting community revegetation projects and community gardens.



## Targets

37. Grow community engagement in wildlife protection and biodiversity management through programs and support of local not-for-profit groups by Dec 2015.
38. Assess and redevelop Green Plan to encompass any newly acquired green space / natural vegetation areas by June 2016.
39. Deliver full assessment of parks and reserves post reform process and assess vegetation quality June 2016.
40. Map all biodiversity assets and catalogue to identify areas for improvement and infill Dec 2016.
41. Develop Carbon Neutral regional linkages project and identify areas for carbon sinks and biodiversity offset Dec 2016.
42. Maintain commitment to 1,000 trees program and reassess / upscale program post reform by Dec 2016.

## Relevant Plans and Policies

- LPP 2.10 Landscaping Of Development And Existing Vegetation On Development Sites
- LPP 2.12 Planning Applications Impacting On Verge Infrastructure And Verge Trees
- North Fremantle foreshore management plan 2013
- Booyembara Park site management plan
- Green Plan (due to be reviewed and updated)

Supporting projects consist of the current native verge plantings scheme, small revegetation projects in existing parks and reserves, nestbox installations, feral animal control and coastal dune protection.



# Culture and heritage

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

**Our 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.**

The City of Fremantle fosters a culture of sustainability, community and sense of place and we strive to be a community building on local cultural heritage to foster social capital and connectedness.

The City holds a Heritage Festival each year to actively celebrate Fremantle's rich history and heritage. It works to preserve heritage built assets, and natural areas, even incorporating a significant tree register into its heritage protection mechanisms.

The City employs three heritage specific staff members, whose roles are specifically geared to providing best practice advice on sensitive developments in heritage precincts and on presentation and preservation of heritage buildings and sites.

The City also develops and supports a wide range of cultural events, festivals and experiences every year, which bring a large number of visitors to the City, such as:

- The innovative Street Arts Festival.
- The long running Fremantle Festival.
- The Winter / Hidden Treasures Festival.
- The Wadanji Festival.
- The Children's Fiesta.

In 2014 alone we opened two iconic cultural hubs, the Esplanade Youth Plaza and the Fremantle Aboriginal Cultural Centre and we support a network of active organisations which run events, fairs and regular markets across the year.

This year we intend to offer a course to local arts practitioners on how to lean and green their arts business, festival or event and are concurrently developing a guideline for sustainable events.

We also provide a large number of community events – including active learning activities, fairs and festivals, outdoor cinemas, health and well-being activities, active transport activities, youth activities and seniors activities.

## Targets

43. Develop a policy for assessment and protection of heritage areas in reference to climate change impacts by Dec 2014.
44. Establish policy and procedures to adopt best practice engagement and consultation with Traditional Owners by June 2015.
45. Develop and populate Significant Tree Register by June 2015.
46. Develop and deliver sustainable events course and policy to arts, culture and festival providers planning to produce events in Fremantle by Dec 2015.
47. Increase arts / culture based visitation to the City of Fremantle by 30% by 2020.

The City employs three heritage specific staff members, whose roles are specifically geared to providing best practice advice on sensitive developments in heritage precincts and on presentation and preservation of heritage

## Relevant Plans and Policies

- Arts and Culture Plan
- Cultural Development Strategy
- Public Art Plan
- Youth Plan
- LPP 2.19 Contributions for Public Art and/or Heritage Works
- DBH 9 Procedures for the Recording & Assessment of Places of Heritage Value
- Drivers of activity centre development in the Fremantle CBD



# Equity and local economy

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

**Our 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.**

The City supports local businesses in a wide variety of ways - through its new place marketing strategy that includes Fremantle's consumer website Fremantle story; its continuous support of the tourism industry through the Fremantle Tourism Association; the establishment of the Fremantle Business Improvement District; the ongoing support of our local business development organisations Business Foundations and the Fremantle Chamber of Commerce; and a refreshing approach to business innovation and space activation.

In addition, City staff, as part of the broader Fremantle workforce, are encouraged to support local business, by shopping, dining and generally using the products and services available in and around Fremantle.

There are many sustainable businesses in Fremantle. We ensure that where possible we use local suppliers for sustainable products and services to the City.

We support local sustainable businesses and we're currently working with 'The Good Map', which has created a walking map of sustainable traders around the city. We're fostering new local business by working with Waste Not to develop an organic waste solution for the City and its facilities - which will extend out into the Fremantle business community in the near future.

We will sponsor two student places in 2015 to participate in the School for Social Entrepreneurs and we are working with 350.org to develop a divestment strategy for the City to ensure that our investments are not supporting fossil fuel perpetuation.

We are also part of a long running collaborative regional climate change adaptation project to ensure we remain resilient to changes and risks brought about by human induced climate change.

## Targets

48. Sponsor two places in the SSE accelerator program by Dec 2014.
49. Sponsor development of the Good Map and showcase sustainable business in the City of Fremantle by Dec 2015.
50. Develop full divestment strategy for City of Fremantle post reform by Dec 2015.
51. Continue involvement with range of business advisory and development organisations and foster collaborative relationships 2014 - 2020.

## Relevant Plans and Policies

- Kings Square Business Plan
- Kings Square Urban Design Strategy
- Drivers Of Activity Centre Development In The Fremantle CBD
- Fremantle Economic Development Strategy 2011-15
- Destination Marketing Prospectus
- Retail Model Plan
- Targets For Office Development Activity In The Fremantle CBD

There are many sustainable businesses in Fremantle. We ensure that where possible we use local suppliers for sustainable products and services to the City.





# 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**

**Our 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 well-being needs within the organisation complete by 2015. Development of full program of health and well-being opportunities by 2020.**

Everybody loves to live and work in a vibrant community - and the City of Fremantle works towards ensuring it provides a huge range of diverse arts and cultural experiences across the annual calendar. Major festivals meet niche music experiences, food and wine festivals and multi-arts offerings in our city - and there's always something happening.

The City works to ensure a healthy community, by providing services to support best practice food safety, innovative cultural food offerings, including a 'unique food' vendor project which sees diverse food and drink businesses supported all around Fremantle.

We have a local law in place to prevent smoking in shared public spaces, particularly around playgrounds and public beaches, we have alcohol harm prevention polices in place and we have a strong public cleanliness ethic.

In 2014 the City worked closely with Edith Cowan University on a unique project called 'The

Happiness Project', which is a project centred on researching what 'happiness' means to Fremantle and its community, and using design to enhance this. A virtual exhibition, which was also entered by a university in Malaysia, showcased the designs at the end of the project. We intend to expand this project in 2015.

Healthy transport options, such as walking and cycling, are regularly promoted through events and publications, and staff and community are invited to come together to celebrate healthy lifestyles through these events.

We have developed an internal sustainability community, the One Planet Champions group, which supports the delivery of One Planet related learning opportunities for City staff and intend over the 2014/15 year to develop a corresponding community working group in conjunction with our community seminars.

## Targets

52. Maintain commitment to community Living Smart courses x 3 per year.
53. Continue to provide a high level of service to the community around arts, culture, learning and engagement 2014 - 2020.
54. Maintain public health policies and review on a regular basis 2014 - 2020.
55. Deliver the Happiness Project and Exhibition and choose three entrants to showcase their projects in the City by Dec 2015.
56. Develop a community One Planet Champions group working against all One Planet Principles on behalf of the community by Dec 2015.

## Relevant Plans and Policies

- Community Engagement Framework
- Customer Service Charter
- Destination Marketing Prospectus
- Disability Access And Inclusion Plan
- Drivers Of Activity Centre Development In The Fremantle CBD
- Arts And Culture Plan
- Cultural Development Strategy
- Youth Plan
- Play Spaces Plan

The City works to ensure a healthy community, by providing services to support best practice food safety, innovative cultural food offerings, including a 'unique food' vendor' project which sees diverse food and drink businesses supported all around Fremantle.



# Glossary and references

## **Adaptation (Climate Change)**

The Intergovernmental Panel on Climate Change (IPCC ) describes adaptation as adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities.

## **Biodiversity**

Biodiversity or biological diversity is the variety of life in all its different forms, which includes the myriad of plant and animal species and the range of habitats in which they live.

## **Community garden**

A shared / communal growing space for the local community to grow fruit and vegetables, herbs or other plant species together.

## **Conservation**

Conservation is the process by which we consider the impacts of our lifestyle on various eco-system services (i.e. water or biodiversity) and aim to reduce these impacts.

## **Fair Trade**

Fair Trade is a trading partnership, based on dialogue, transparency and respect, that supports greater equity in international trade relations. It contributes

to sustainable development by offering better trading conditions to, and securing the rights of, marginalized producers and workers.

## **Forest Stewardship Council (FSC) timber:**

FSC is an accreditation logo given to Timber which has been sourced from forests managed in an environmental appropriate, socially beneficial and economically viable manner.

## **One Planet Living**

A framework to help organisations and individuals live and work within a fair share of the earth's resources, based on ten principles developed by BioRegional.

## **Sustainability**

Sustainability is about living within our planetary means, in other words, only consuming as many natural resources as the planet can sustain and regenerate. Sustainable development aims to meet human needs in the present while preserving the environment so that these needs can also be met in the indefinite future.

## **Sustainable procurement**

Sustainable Procurement is about making purchasing decisions based on a best practice framework which considers the environmental, social and economic impacts of a product or service.

## **Zero waste**

This is about reducing the amount of waste we generate, reusing where possible, and recycling so we ultimately send no waste to landfill.





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