

ONE PLANET FREMANTLE FRAMEWORK 2020–30



Mayor's forward

The City of Fremantle is excited to continue its One Planet Living journey with the development of this renewed framework and approach to sustainability. The review of the One Planet Fremantle Strategy was an opportunity for the City to take stock of the past five years and note some important sustainability achievements across the ten principle areas of One Planet Living:

Under the banner of **Health and Happiness**, the City has supported the community across the age spectrum through the expansion of the Life Long Learning program and library services, and the launch and ongoing activation of the Esplanade Youth Plaza.

The City has delivered its Economic Development Strategy and established its Indigenous Trainee Program as part of its commitment to **Equity and Local Economy**.

Culture and Community is at the heart of Fremantle, and the annual One Day event triggered a national conversation and is emblematic of our city's commitment to reconciliation which is articulated in the Walyalup Reconciliation Action Plan. The City's ongoing celebration of its heritage through conservation of buildings and hosting festivals reflects the vibrancy of the Fremantle community.

The importance of **Land and Nature** and greening the city is shown in the successful development and delivery of the Verge Gardens Program, and installation of new pocket parks to increase community access to open space. Our Urban Forest Plan has guided efforts to maintain planting an average of 1000 street trees a year, contributing to growing the urban canopy and cooling our suburbs.

The City is committed to **Sustainable Water** use and has achieved Gold Waterwise status for its operations through the ongoing implantation of hydrozoning and irrigation upgrades, and Gold Aquatic Centre status for efficiencies at the Fremantle Leisure Centre.

Local and Sustainable Food is supported through the City's local catering purchase policy, and support for several thriving community gardens.

Over the past five years, the City has worked on several fronts to improve sustainable **Travel and Transport** including the development of the Fremantle Bike Plan and ongoing delivery of improved transport cycling infrastructure, maintaining the CAT bus service supporting nearly 1 million trips per year, and installing four free-to-use electric vehicle charging stations.

To improve its use of **Materials and Products**, the City has established a Sustainable Events Policy to reduce the impact of events happening on council property, trialled multiple novel products for minimizing resource use in infrastructure projects such as incorporating crushed glass into road base or granulated blast furnace slag into footpath construction. Through its Going Digital policy, the City has also reduced its paper use by over 60% since 2017.

The introduction of the Food Organic Garden Organic (FOGO) three bin scheme for single residential properties made Fremantle a leader in the pursuit of **Zero Waste**, and will ensure the City meets and beats the state government mandated targets to divert 67% of business and household waste from landfill by 2025, and 70% by 2030.

Finally, the City has continued its long recognition of the need to act on climate change by drastically decarbonizing the economy and working to reach **Zero Carbon Energy** as soon as possible. We have maintained carbon neutral status through the purchase of accredited offsets, adopted and staged implementation of our Corporate Energy Plan towards 100% renewable energy by 2025 and designed the new Walyalup Civic Centre to be net zero carbon for City operations. Within the community we continue to facilitate and support renewable energy projects such as the RENEW Nexus shared battery and photovoltaic feed in trial at the Knutsford Street East Village development and promoting Climate Clever to help households reduce their bills and carbon footprint.

The One Planet Fremantle Framework further embeds the One Planet Living ethos in the City's work, building on a successful past 5 years in partnership with Bioregional. Through the implementation of the accompanying One Planet Action Plan, I am confident in the City's ability to continue deepening its commitment to sustainability and creating the change our community wants to see and be a part of.

Dr Brad Pettitt

Mayor, City of Fremantle

Bioregional statement

The City of Fremantle was already a leader in sustainability in 2014 when they started to use One Planet Living® to embed sustainability into their own operations and drive engagement with the wider community. Since publishing its One Planet Action Plan in 2015 and being recognised as a global leader in One Planet Living by Bioregional, it has continued to set the bar for sustainability locally, regionally and globally. Some highlights over the previous five years include:

Energy: 40% reduction in electricity consumption, while pushing forward a 5MW solar farm on council land

Leadership: Showing true leadership, for example as the first municipality to give a 10% weighting to sustainable sourcing criteria when assessing tenders, and the 'Freo Alternative' – an innovative planning mechanism pushing higher sustainability standards in suburban infill.

Development: Helping facilitate the development of the pioneering WGV development leading to the adoption of One Planet Living by several other developers in Fremantle.

Waste: Two thirds reduction in paper use while rolling out food waste collection for the city.

Community: development of the Walyalup Reconciliation Action Plan and a sustainable events policy, and presenting on One Planet Living to over 1000 community members.

While the world has focused on the Covid crisis, greenhouse gas emissions have continued to rise, and there have been further worrying signs of the impact of climate change. One of these, the melting of permafrost in Siberia releasing the powerful greenhouse gas methane, is a long-feared positive feedback loop that could rapidly exacerbate the climate crisis.

These changes emphasise that the time to focus on reducing our impact has passed and we need to start regenerating our planet. Collaboration will be at the heart of these efforts. Therefore, it is excellent to see the City of Fremantle redoubling its commitment to One Planet Living, while also highlighting how the Action Plan connects to the City's Strategic Community Plan. The City can use this as a platform to further engage with local business and community, inspiring the whole city to participate actively in creating a sustainable future, where people thrive and wildlife and nature is restored.

Ben Gill

One Planet Living Manager, Bioregional Development Group

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One Planet Fremantle Framework 2020

The City of Fremantle's Strategic Community Plan clearly shows the community's passion for creating a sustainable world that values people and the environment. For this reason, One Planet Living has been a part of the Fremantle sustainability story for 5 years, guiding the City's progress towards minimising resource use and maximising happiness, for its own operations and in the community.

This document explains how One Planet Living continues to guide and be used as a lens through which to view and track the sustainability of the City's operations and work with its community.

Climate and Biodiversity Emergency

On 22 May 2019 at the Ordinary Council Meeting, City of Fremantle councillors unanimously supported a letter from the Fremantle Youth Network asking for the City to commit to advocate on its behalf for action on climate change. In doing so, the Council declared a climate and biodiversity emergency, and acknowledged that all levels of government must take urgent and decisive action to address the problem.

Making this declaration means that the City of Fremantle recognises that the community it serves continues to value the environment highly and wants the City to both undertake and advocate for action to prevent climate change and biodiversity loss. The One Planet Fremantle Framework, due to its holistic and comprehensive scope, will help the City to take action on these connected ecological emergencies.

One Planet Living

One Planet Living is a vision for a sustainable world where people lead healthy, happy lives within their fair share of the earth's resources. Created and overseen by not-for-profit organisation [Bioregional](#), it is based on ten principles of sustainability that provide a holistic framework to plan, deliver and communicate sustainability for organisations, cities and developments.

Ten principles

The One Planet Fremantle Framework comprises of 10 principle areas:

- Health and happiness

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

- Equity and local economy

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

- Culture and community

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

- Land and nature

Protecting and restoring land for the benefit of people and wildlife.

- Sustainable water

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

- Local and sustainable food

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

- Travel and transport

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

- Materials and products

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

- Zero waste

Reducing consumption, reusing and recycling to achieve zero waste and zero pollution.

- Zero carbon energy

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

Most of these principles directly or indirectly align with goals and objectives within the Strategic Community Plan.

One Planet Fremantle Framework

The purpose of the One Planet Fremantle Framework is to:

- Provide a lens and peer review process through which to view and assess the City of Fremantle's progress towards sustainability.
- Set One Planet Living targets which are measurable and meaningful, and align with the strategic direction provided in the Strategic Community Plan.
- Identify the indicators against which progress will be tracked and reported.
- Recognise that the City can increase the sustainability of its own operations while providing support and advocacy to influence the sustainability of the Fremantle community.

The Framework has a nominal ten-year timeframe, though with capacity for earlier review to update targets and indicators as progress is achieved and to maintain alignment with the Strategic Community Plan.

The Framework is supported by an Action Plan which will guide and track the City's progress.

Targets

In addition to the numerous activities it undertakes and approaches it applies to advance the 10 One Planet Living principles, the City of Fremantle has set the following specific One Planet Living targets, which will provide a specific focus, and be tracked and reported on annually:

Equity and local economy

- 2% total procurement target for goods and services from Aboriginal and Torres Strait Islander owned businesses, managed and/or staffed businesses.
- 4% of City employees are Indigenous and/or Torres Strait Islander people.

Land and nature

- Average of 1000 trees per year as per annual tree planting targets in Urban Forest Plan.
- Increase tree canopy cover to 20% by 2027.

Sustainable water

- Corporate ground water: do not exceed allocation set by Department of Water.
- Corporate scheme water: reduce 10% over the next 5 years based on 2019 data.

- Community scheme water: 10% reduction over the next 5 years based on 2019 data.

Travel and transport

- Reduce journey-to-work mode share of for private car to 45% by the 2026 Census (down from 50% in 2016).
- To 2025, maintain at least 50% of staff commuting without a car for the majority of the journey; increase this to 70% 2030.

Zero waste

- Meet WA state targets of 67% diversion from landfill by 2025 and 70% by 2030 of business and household waste, exceeding this wherever possible.
- 80% of residents have access to FOGO by 2025.
- Reduce waste generated by City operations by 20% (from 2018/19 baseline).

Zero carbon energy

- Power City of Fremantle buildings, parks and streetlights with renewable electricity by 2025.
- Maintain carbon neutral status through to 2030 by minimising emissions and purchasing accredited offsets.

Progress to towards meeting the remaining principles and outcomes will also be tracked and reported on qualitatively.

Reporting, Monitoring and Review

The One Planet Fremantle Framework will be reported on annually to Bioregional for peer review and feedback on how the City is tracking, and opportunities for further improvement. The report includes detailed data on the One Planet Living targets and yearly highlights for each principle area. These highlights will be also provided in the One Planet Living Annual Summary Report.

Responsibility and review information	
Responsible officer:	Manager Strategic Planning
Document adoption/approval details	28 October 2020, Ordinary Meeting of Council: Item: SPT2010-5 Doc Id: 5062509
Document amendment details	Nil.