



Environmental Sustainability Framework

2019–2023 Action Plan

Purpose

The *Environmental Sustainability Framework 2016–2025* (the ESF) sets consistent direction and guidance for environmental planning and decision-making within Bayside City Council. It aligns with Council's vision and framework 'Making Bayside a Better Place' and provides clarity, focus and actions for maintaining a high level of liveability and wellbeing for the community – the top priority for Council.

Our Environmental Commitment

Bayside City Council is going to safeguard the environment for current and future generations. We will do this by making decisions based on the best available evidence and our learning. We will make sustainable decisions that deliver balanced economic, social and environmental benefits.

Bayside City Council's environmental commitment is to:

- Work in partnership and build strong relationships with our community, government agencies, community organisations and businesses.
- Minimise Council's own ecological footprint
- Advocate for outcomes that deliver high environmental standards and protection.
- Engage with and build the capacity of the community to care for the environment and minimise their own ecological footprint
- Lead by example and demonstrate our commitment to environmental sustainability
- Use Council's legislated and regulatory authority to deliver required standard of environmental outcomes and protection

The Four Goals

Four goals arose from the consultations to develop the ESF:

Goal 1: Leading the Way

Bayside City Council operates as a model of environmental sustainability.

Goal 2: Community Partnerships

Supporting an empowered and connected community that acts locally to reduce consumption and live sustainably.

Goal 3: Resilience

Developing community and ecosystem resilience for current and future climate change impacts.

Goal 4: Sustainable Places

Advocating and influencing for healthier ecosystems and more liveable Bayside urban areas and infrastructure.

The Ten Themes and the Bayside Environment

The ten themes are focus areas which help us to prioritise and achieve the four goals. The ten themes are: biodiversity, environmental citizenship, sustainable buildings, sustainable businesses, sustainable development, sustainable procurement, sustainable transport, sustainable water, waste management, and zero carbon.

These Ten Themes have formed the structure for measuring the state of Bayside's Environment.

| | COST | | | |
|------------------------|------|---|--|--|
| | | LOW | MEDIUM | HIGH |
| SUSTAINABILITY BENEFIT | HIGH | 'Quick wins' | Worth considering | Requires strong triple bottom line business case |
| | MED | Worth considering | Requires strong triple bottom line business case | Not worth considering |
| | LOW | May be worth considering if easy to implement and has community support | Not worth considering | Not worth considering |

Figure 1: Decision-Making Matrix

Bayside Environmental Sustainability Action Plan (2019-2023)

The four-year Bayside Environmental Sustainability Action Plan (2019-2023) provides specific actions, measures, timelines and budget to monitor our success in achieving these objectives.

The ten-year *Framework* is reviewed biennially to review issues, risks, priorities and determine the overall success of achieving the actions.

New actions are developed and prioritised using pre-determined guidelines for planning and decision making. These guidelines take into account Council's responsibility, the responsiveness of the action to risk, the viability of the proposal, value for money of the proposal, whether the proposal meets the environmental commitments and any considers other sustainability benefits. Decisions about environmental sustainability actions will be made according to the decision-making matrix, illustrated opposite (fig.1).

Implementation

In order to implement these actions, an Implementation Plan is developed and reviewed annually. Accountability for delivering the actions in this strategy will be embedded into existing systems.

2019-2023 ACTIONS

The *Environmental Sustainability Action Plan 2016-2019* contained 81 actions developed for the 10 year *Framework* period. The actions to be completed under the *Framework* in the updated *ESF Action Plan 2019-2023* are provided in this summary. This Action Plan contains 71 actions. The actions and the Action Plan will be reviewed in 2020. For budget specifics, please contact Council.

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|--|--|--------|--|---|---------|--|
| BIODIVERSITY | | | | | | |
| Increase community participation in biodiversity conservation | Increase in number of participants in Friends of Bayside groups' activities | GOAL 2 | Open Space; Environmental Sustainability | Continue to deliver the 'Gardens for Wildlife' program to promote local biodiversity | 2019/20 | Number of participants; Properties involved |
| | | | Environmental Sustainability | Promote biodiversity education to children | 2020/21 | Register of number of kindergartens participating |
| | | | Open Space | Continue to support local Friends Groups by providing equipment, materials and knowledge to promote and conserve biodiversity | 2019-23 | Friends of Bayside attendance records; Number of residents participating |
| Maintain natural biodiversity assets and increase conservation effort in areas requiring attention. This includes objectives to: <ul style="list-style-type: none"> Increase landscape scale connectivity of indigenous and other vegetation Increase Council and community knowledge of natural assets including changes in condition on Council managed reserves, foreshore and parks Reduce negative impacts of pest plants and animals on native flora and fauna Increase biodiversity and ecosystem health improvements on private land Increase tree canopy cover | <p>Increased habitat area, health and biodiversity</p> <p>Increased tree canopy cover</p> <p>Number of trees planted in streets, parks, foreshore and bushland reserves; target of 2000 trees</p> <p>80% of new trees planted on nature strips within the Vegetation Protection Overlay Schedule 3 are indigenous species</p> <p>Number of indigenous plants available for Council use and private sale and sold from the Bayside Community Plant Nursery meets targets of: 125,000 plants available, 125,000 plants sold</p> <p>Number of plants sold of each species</p> | GOAL 4 | Open Space | Implement high priority actions from the Biodiversity Action Plan 2018 | 2021/22 | As per Biodiversity Action Plan 2018 |
| | | | Open Space | Introduce a Data Monitoring collection system for the Biodiversity Action Plan | 2019/20 | Monitoring data collection system in place |
| | | | Open Space | Assess the population status of locally regionally and/or state significant rare or threatened species | 2020/21 | Research completed and management strategies developed |

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|---|---|--------|---|---|---------|--|
| ENVIRONMENTAL CITIZENSHIP | | | | | | |
| Increase staff awareness and engagement in environmental sustainability | Percentage increase in staff satisfaction with Council work on sustainability; Increase in number of staff engaged in 'Working Greener' program | GOAL 1 | Environmental Sustainability | Continue to implement the Working Greener staff education program across all business units by 2020 | 2020/21 | Annual review of program including evaluation survey of staff; Number of staff registrations In 'Working Greener' program |
| Increase community awareness and engagement in environmental sustainability. Council to engage with households to: <ul style="list-style-type: none"> • Increase in waste diversions • Decrease in water consumption • Increase use of renewable energy • Increase in energy efficiency | Increase in ratings from biennial environmental citizenship survey covering community attitudes, skills, knowledge, participation and support for environmental sustainability Increase in environmental action supported by spot sampling, audits and data from other agencies on: <ul style="list-style-type: none"> • Waste types and volumes • Water volumes • Take-up rates of renewable energy and energy efficiency activities • Net municipal greenhouse gas emissions | GOAL 2 | Environmental Sustainability, | Deliver the Environmental Citizenship Program | 2019-21 | Community participant evaluation feedback; Biennial environmental citizenship survey |
| | | | Environmental Sustainability; Communications | Develop a Communications Plan (internal and external) to promote sustainability principles, the ES Framework and related policies to encourage behaviour change | 2019 | Communications Plan completed |
| | | | Environmental Sustainability; Engagement | Conduct second biennial community Satisfaction survey, including questions on Environmental Citizenship | 2020 | Survey conducted |
| | | | Environmental Sustainability; Port Phillip EcoCentre | Continue to promote and facilitate Teacher Environment Network (TEN) meetings, prior to review being completed | 2019/20 | Education Database; Number of attendees; Schools represented |
| | | | Environmental Sustainability; Port Phillip EcoCentre | Continue to deliver the Schools Strategy and Action Plan, (as the 'Sustainable Schools' program), prior to review being completed | 2019/20 | Education database; |
| | | | Environmental | Review the suite of service of children's education programs to | 2019/20 | Review |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|------------|------------|------|-------------------------------|---|---------|----------------------------------|
| | | | Sustainability; | determine the most effective options, including in early childhood programs | | completed |
| | | | Environmental Sustainability; | Establish clear and consistent evaluation methodology for all education programs. | 2019/20 | Evaluation methodology developed |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|---|---|--------|---|---|---------|--|
| SUSTAINABLE BUILDINGS | | | | | | |
| All Council buildings to be developed and delivered in accordance with the Sustainable Infrastructure Policy 2018 Increase utilisation of existing Council owned buildings | Increase in number of new and retrofitted Council Buildings to achieve Council Sustainable Infrastructure Policy requirements in design and documentation Increase In number of Council buildings meeting Sustainable Infrastructure Policy requirements for energy, water, waste and indoor air quality Increased occupancy and use of Council owned buildings | GOAL 1 | Environmental Sustainability; City Assets & Projects | Implement Sustainable Infrastructure Policy and Guidelines to ensure resource efficient use of buildings and building design incorporates specifications on minimum performance standards for products, technologies and services to help meet Sustainable Infrastructure Policy objectives | 2020/21 | Project designs reviewed |
| | | | City Assets & Projects; Environmental Sustainability | Identify and implement new opportunities for building resource efficiency upgrades | 2020/21 | Retrofit actions delivered; Annual assessment of financial costs; Waste, Water, Energy databases |
| | | | Environmental Sustainability; City Assets & Projects; Procurement | Implement Procurement Policy 2018 clauses relating to Sustainable Procurement. | 2020/21 | Revised policy reflected in new contracts; Waste, Water, Energy databases |
| | | | Environmental Sustainability; EPMO; City Assets & Projects | Establish a process to ensure sustainability principles are considered as part of the development of capital works projects, including the determination of those criterion used to assess the sustainability credentials of proposed projects | 2018/19 | Process established and approved under Project Management Framework |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|------------|------------|------|--------------------------------------|--|---------|---|
| | | | Assets, Environmental Sustainability | Review existing occupancy of Council buildings; Complete items from Building Asset Management Plan 2016 | 2021/22 | Occupancy rate reviewed; Actions completed |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|--|---|--------|--|--|-----------|---|
| SUSTAINABLE BUSINESS | | | | | | |
| Increase community awareness and engagement in environmental sustainability. Council to engage with small – medium sized businesses to: <ul style="list-style-type: none"> • Increase in waste diversions • Decrease in water consumption • Increase use of renewable energy • Increase in energy efficiency | Increase in ratings from survey of businesses on participation and support for environmental sustainability initiatives Increase in environmental action supported by spot sampling, audits and data from other agencies on: <ul style="list-style-type: none"> • Waste types and volumes • Water volumes • Rates of renewable energy • Net municipal greenhouse gas emissions | GOAL 1 | Environmental Sustainability; Economic Development; Environmental Health | Develop a local business and events program to promote sustainability initiatives by businesses and traders associations | 2019/20 | Number of local businesses participating; Webpage completed |
| | | | | Develop a program of initiatives in sustainable business practices that will continue to assist local business to adopt new environmental and resource usage practices, including facilitating access for Bayside businesses to Local, State and Commonwealth sustainability programs. | 2020/21 | Number of local businesses participating; Evaluation surveys of participating businesses; |
| SUSTAINABLE DEVELOPMENT | | | | | | |
| Improved environmental standards for new residential and commercial buildings and renovations in the planning approval process. | Environmental Sustainability requirements incorporated into planning scheme process, including BESS or equivalent rating tool Increased number of completed new developments achieving BESS or or equivalent rating tool requirements in Bayside | GOAL 4 | Environmental Sustainability; Development Services (Statutory Planning) | Review interdependent processes and develop a Service Level Agreement between Environmental Sustainability and Development Services relating to internal Statutory Planning referrals | June 2019 | Service Level Agreement developed. Number of approved planning permits with rating tools implemented |
| | | | Environmental Sustainability; Statutory Planning; Council Alliance for Sustainable Built | Continue to embed Environmentally Sustainable Design (ESD) principles in planning scheme and processes utilising Council's membership to CASBE | 2021/22 | Participation in CASBE |

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|---|--|------|--|--|---------|---|
| | | | Environment (CASBE) | | | |
| | | | Environmental Sustainability; Statutory Planning; CASBE | Integrate use of the Built Environment Sustainability Scorecard (BESS) to guide staff and developers | 2020-22 | Number of staff trained to use BESS tool |
| | | | Environmental Sustainability; Statutory Planning; Amenity Protection | After embedding sustainability principles into planning processes, examine opportunities to improve the enforcement of planning permit conditions associated with sustainability principles. | 2021/22 | Report on feasibility of planning permit compliance and enforcement |
| | | | Environmental Sustainability; Urban Strategy | Develop voluntary guidelines for design and material selection for development in coastal areas to reduce climate change vulnerability | 2021/22 | Voluntary Guidelines developed |
| Council capital works projects completed consider Environmental Sustainability in planning, design, construction and operation, | 90% of capital works projects to include and consider environmental sustainability in design and documentation by 2020 | | Environmental Sustainability; City Assets & Projects | Develop internal environmental design standards for capital works projects in design, construction, operation fit out and in consideration of the community to include indoor air quality, energy, water, waste, transport, materials, biodiversity and carbon emission considerations | 2020 | Process developed for internal environmental design standards |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|--|---|--------|--|---|---------|---|
| SUSTAINABLE PROCUREMENT | | | | | | |
| Increase Council procurement of low greenhouse gas emissions-, water and materials-intensive and non-toxic products and services | Sustainability criteria are included in Requests For Quotes Increase in percentage of expenditure on sustainable purchases against total expenditure on relevant goods and services, from 2018/19 baseline | GOAL 1 | Environmental Sustainability, Procurement, Human Resources | Continue to deliver sustainable procurement training for all Council staff and ensure training is included in the training calendar | 2019/20 | Staff training records |
| | | | Procurement, Environmental Sustainability | Continue to measure sustainable purchasing by the organisation, and report against the 2018/19 baseline | 2020/21 | Supplier and contractor data |
| | | | Events, Environmental Sustainability | Continue to work with Events team to embed sustainability into the Events Policy | 2020/21 | Annual review of Event Plans |
| Production and consumption of local food by residents, schools and businesses Participation in community food activities including community gardens, food swaps and local farmers' markets | Increase in ratings from biennial environmental citizenship survey, including behaviour regarding local food production and consumption practices Increased number of community food activities | GOAL 2 | Environmental Sustainability; | Promote food growing within the community | 2020/21 | Number of workshops and attendees |
| | | | Environmental Sustainability; Open Space | Continue to work with the community to assist in them establishing community gardens and other sustainability food activities | 2020/21 | Number of community gardens and other sustainability food activities. |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|---|--|--------|---|--|---------|---|
| SUSTAINABLE TRANSPORT | | | | | | |
| Reduce greenhouse gas emissions intensity of Council's fleet and staff travel to work by 2020 | 30% reduction in greenhouse gas emissions per kilometre travelled (kgCO ₂ -e/km) Decreased number of staff travelling to work by car | GOAL 1 | Environmental Sustainability; Finance (Fleet) | Minimise the environmental impact of Council's vehicle fleet | 2020/21 | Measurement of greenhouse emissions per km |
| | | | Environmental Sustainability; Transport Planner | Review, update and implement Council's Green Travel Plan to promote and encourage sustainable travel choices amongst staff | 2019/20 | Staff travel survey |
| Promote and encourage sustainable transport choices to the community | Increase in ratings from biennial environmental citizenship survey, including behaviour regarding active transport | GOAL 2 | Transport Planner; Environmental Sustainability | Continue to promote Bayside's network of shared paths | 2020 | Evidence of promotion |
| | | | Events, Environmental Sustainability | Continue to provide temporary secure bike parking at council run community events to encourage the community to ride rather than drive to these events | 2020/21 | Review of events to determine use of bike parking |
| | | | Transport Planner; Environmental Sustainability, Communications | Develop a Communication Plan for the Integrated Transport Strategy 2018 | 2020/21 | Communications Plan developed |
| | | | Transport Planner; Traffic Management | Facilitate the introduction of car share schemes through the development of policy tools to enable access to on-street parking for such schemes | 2020/21 | Report on facilitation meetings |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|--|---|--------|-------------------|--|---------|-------------------------------------|
| <p>Better quality and more integrated transport infrastructure in Bayside to support public transport, cycling and walking to reduce car trips and emissions in Bayside</p> <p>Community and business support for and participation in active, public and low-carbon transport options</p> | <p>Increase in use of sustainable transport modes to work by residents</p> <p>Community satisfaction rating for local streets and footpaths maintained above 63 Local Government Community Satisfaction Survey index score</p> <p>Community satisfaction rating for traffic management maintained above 58 Local Government Community Satisfaction Survey index score</p> | GOAL 4 | Transport Planner | Deliver the Integrated Transport Strategy 2018 | 2022/23 | Delivery of actions in the ITS 2018 |

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|---|---|--------|--|--|---------|--|
| SUSTAINABLE WATER | | | | | | |
| Transition from using potable water to using recycled water or stormwater for Council operations and facilities where practical | Decreased percentage of potable water consumption from Council operations Increased percentage of Council water use from non-potable water sources 30% increase in water efficiency of Council buildings and operations; from 2014/15 baseline) | GOAL 1 | City Assets & Projects | Continue to implement corporate centre audit water recommendations | 2021/22 | Retrofits completed with water metering; Water databases |
| | | | City Assets & Projects; Environmental Sustainability; | Implement Integrated Water Management Plan 2019 | 2022/23 | IWM Plan adopted; Review of actions completed |
| | | | City Assets & Projects; | Deliver Dendy Street Beach Rain Garden | 2020/21 | Project complete |
| Reduced potable water consumption per household | Increase in environmental action supported by spot sampling, audits and data from other agencies on Water consumption per household | GOAL 2 | Environmental Sustainability; South East Water | Continue to work with South East Water to deliver a range of education programs and activities to achieve greater involvement and understanding | 2020/21 | Water education programs and activities delivered; South East Water consumption data |
| | | | Environmental Sustainability | Continue to advocate to water authorities to do more to encourage water efficiency in households and businesses in Bayside | 2020/21 | Evidence of advocacy |
| Improve the quality of stormwater entering the Bay Retain more stormwater in the landscape Manage storm water, debris and waste to protect the water quality of the Bay and enhance the environment | EPA Beach Report Water Quality Indicators for Bayside beaches Number of actions identified in the Coastal Management Plan 2014 completed by 2019 | GOAL 4 | City Assets & Projects; Environmental Sustainability; Open Space | Deliver projects from Integrated Water Management Strategy 2019 and IWM Forum Strategic Directions Statement relating to improving stormwater quality and drainage to Port Phillip Bay | 2020/21 | Projects delivered from IWM Action Plan and IWM Forum SDS |
| | | | Urban Strategy | Continue to implement clause 22:10 of the planning scheme; that is Water Sensitive Urban Design | 2020/21 | Number of planning approvals with clause 22.10 |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|--|--|--------|--|--|---------|--|
| WASTE MANAGEMENT | | | | | | |
| Reduce the percentage of waste to landfill from Council operations | 60% reduction in Council generated waste to landfill by 2020, from 2014/15 baseline Percentage reduction of paper, from 2014/15 baseline | GOAL 1 | Environmental Strategy, Waste & Recycling Management | Continue to deliver staff education and behaviour change to reduce resource loss (contamination) of recyclable and compostable materials in the waste bins to below 20% by 2020, at the Corporate Centre | 2020/21 | Biennial organic and recyclables audits |
| | | | Environmental Sustainability; Information Technology | Continue to deliver strategies to decrease paper use across the organisation | 2020/21 | Reams of paper use per annum |
| | | | Waste & Recycling Management, Governance | Advocate to the State Government and the Municipal Association of Victoria for a sustainable solution to the recycling crisis | 2019/20 | Evidence of advocacy |
| Increase diversion of household waste from landfill from kerbside collections, to 60% by 2020, and to 75% by 2025, from 2014/15 baseline | Increased percentage of recyclables (commingle and green waste) recovered from Council kerbside collection, from 2014/15 baseline Increased diversion of waste from landfill from kerbside collections, using contractor data, from 2014/15 baseline. | GOAL 2 | Environmental Sustainability; | Implement sustainability actions in the Recycling and Waste Management Strategy 2018 | 2021/22 | Strategy Actions completed |
| | | | Recycling and Waste Management | Investigate and assess opportunities for advanced waste resource recovery treatment and processing | 2020/21 | Report on assessed opportunities for advanced waste resource recovery treatment and processing completed |
| | | | Environmental Sustainability; Recycling and Waste Management | Continue to deliver a range of education initiatives to achieve greater resource recovery | 2021/22 | Community participant evaluation feedback |
| | | | Recycling and Waste Management | Implement identified efficiencies in the hard waste collection service to maximise resource recovery by 2025 | 2021/22 | Statistics on diversion of hard waste from landfill |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|------------|------------|--------|--|--|---------|--|
| | | | Environmental Sustainability; Recycling and Waste Management | Review recommendations for e-waste made in the Environmental Citizenship Research 2018 | 2021/22 | Education initiatives developed |
| | | | Recycling and Waste Management; Environmental Sustainability; | Support the introduction of combined food and garden waste recycling, including communications and education activities. | 2021/22 | Community participant evaluation feedback |
| | | GOAL 4 | Urban Strategy; Recycling and Waste Management; Environmental Sustainability | Reduce litter by supporting the : <ul style="list-style-type: none"> • upgrading of ageing bin infrastructure in public areas with innovative waste solutions • installing additional cigarette butt bins • assessing the frequency of public bin collection, and • trials for a visible Litter Patrol in Bayside Activity Centres | 2021/22 | Audits of public place litter and recycling |
| | | | Environmental Sustainability; Recycling and Waste Management; | Develop and implement an education program to reduce use of single-use plastic in Council premises and leased buildings | 2019/20 | Program developed; Participant evaluation feedback |

| OBJECTIVES | INDICATORS | GOAL | LEAD / PARTNERS | ACTION | TIMING | HOW MONITORED |
|--|---|--------|---|--|---------|---|
| ZERO CARBON | | | | | | |
| Achieve Carbon Neutrality by 2020. | Council greenhouse gas emissions (tonnes CO ₂ -e) Percentage of Council energy produced by renewable energy sources; 30% reduction in greenhouse gas emissions in Council buildings, by 2020, from 2012/13 baseline 5% annual reduction of Council's total greenhouse gas emissions | GOAL 1 | Environmental Sustainability; City Assets & Projects; South East Councils Climate Change Alliance | Implement the Carbon Neutral Action Plan 2018 | 2020/21 | Actions completed; Quarterly review of Councils' greenhouse gas emissions (tonnes CO ₂ -e); Biennial audit of carbon inventory |
| | | | Environmental Sustainability; City Assets & Projects | Continue to install solar panels based on the Solar Feasibility Study 2015, and investigate feasibility of installing solar on new and further Council-owned sites | 2021/22 | Number of feasible sites with solar panels installed |
| | | | Environmental Sustainability; City Assets & Projects | Continue to assess feasibility of battery storage and new renewable energy technologies, and implement where feasible | 2021/22 | Report of feasibility of battery storage at sites |
| | | | Environmental Sustainability; South East Councils Climate Change Alliance | Continue to investigate opportunities and develop partnerships to fund renewable energy installation | 2021/22 | Report on renewable energy development opportunities investigated |
| | | | City Assets & Projects | Continue to increase annual overall percentage of low emission asphalt, recycled asphalt, and recycled aggregate in road and footpath construction | 2021/22 | Amount in tonnes per annum |
| Increase community use of renewable energy and decrease energy consumption per household | Increase in environmental action supported by spot sampling, audits and data from other agencies on: <ul style="list-style-type: none"> Take-up rates of installed renewable energy Net municipal greenhouse gas emissions Energy consumption per | GOAL 2 | Environmental Sustainability; | Continue to develop opportunities for Council to support a community solar power program for residents and businesses | 2019/20 | Number of opportunities developed; Participant evaluation feedback |

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|--|--|---|--|---|--|--|
| | household | | Environmental Sustainability; Property City Assets & Projects | Work with community groups or businesses who lease buildings from Council to reduce greenhouse gas emissions. As the largest lessee emitter, prioritise the Sandringham Family Leisure Centre | 2019/20 | Number of leased buildings tenants engaged |
| | | | Environmental Sustainability; South East Councils Climate Change Alliance | Develop and offer a solar bulk-buy program to residents and SMEs | 2019/20 | Program developed; Participant evaluation feedback |
| <p>Council is prepared for and mitigating risks from climate change including:</p> <ul style="list-style-type: none"> • Drought and heat waves • Coastal impacts including storm surges, sea-level rises and coastal erosion • Disruptions to supply of essential services including electricity, fuel, water and food • Heat-related asset failures (e.g. building cooling systems, road surfaces, etc.) • Higher peak flows and local flooding • Deterioration of buildings and other built surfaces • Deterioration of open space, stress on the natural environment and associated costs • Heat-related stress and mortality (particularly among vulnerable populations) • Community impacts: people particularly vulnerable to climate change impacts and less able to respond effectively include the elderly, the very young, people with disabilities or chronic illness, people on low incomes, people | <p>Number of heatwave deaths, hospitalisations or other heatwave impacts (as compared to other municipalities) (Department of Human Services data)</p> <p>Increased number of 'Climate Ready' plans developed by Bayside residents</p> <p>Number of power outages due to extreme weather events</p> <p>Improved rating of Indicators developed in the 'How Well Are We Adapting' project with RMIT</p> | GOAL 3 | Community Services; City Assets & Projects; Environmental Health | Continue to support implementation of the Bayside Municipal Emergency Management Plan, including the Heatwave Plan | 2021/22 | Annual review of progress with actions |
| | | Environmental Sustainability; South East Councils Climate Change Alliance | Continue to work with the Victorian and Australian Governments, and SECCCA, to: understand the impacts of climate change on our local community; identify gaps in information and knowledge to adapt, and; develop programs to minimise impacts and help the community prepare for impacts | 2021/22 | Renewed SECCCA Membership and active participation; Community feedback | |
| | | Open Space, Environmental Sustainability; City Assets & Projects; South East Councils Climate Change Alliance | Continue to implement actions in the Climate Change Strategy to better understand local impacts | 2021/22 | Review of progress with actions | |
| | | City Assets & Projects; | Ensure new community recreational facilities and upgrades along the coast are designed to be easily protected, raised or relocated, or have a shorter design life | 2021/22 | Review of facilities, both new and upgrades. | |

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|---|------------|------|---|--|---------|---|
| with poor quality housing, the homeless, new arrivals and those from diverse cultural backgrounds | | | City Assets & Projects; Melbourne Water | Work with Melbourne Water to investigate areas of greatest risk from flooding due to extreme events and drainage failure, and investigate site specific solutions | 2021/22 | Reviewed Flood Management Plan |
| | | | Urban Strategy, Melbourne Water, DEWLP | Review and update existing planning overlays including Land Subject to Inundation Overlay (LSIO), Special Building Overlays (SBO) and Flood Overlays (FO) | 2021/22 | Planning overlay amendments passed |
| | | | Urban Strategy, DEWLP Association of Bayside Municipalities | Continued liaison with the State government regarding future coastal projects to provide guidance on the development of coastal vulnerability assessments and guidelines | 2021/22 | Documented liaison and active participation in projects |



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